



དཔལ་ལྷན་འབྲུག་གཞུང་། གཞི་རྩེན་མཁོ་ཆས་དང་སྐྱེལ་འདྲེན་ལྷན་ཁག།

ROYAL GOVERNMENT OF BHUTAN

MINISTRY OF INFRASTRUCTURE AND TRANSPORT

DEPARTMENT OF INFRASTRUCTURE DEVELOPMENT

“Towards quality, cost effective, green and sustainable infrastructure”

LABOUR
AND
MATERIAL COEFFICIENTS
2025
CIVIL

FOREWORD

The Labour and Material Coefficients (Civil) is a useful document forming the basis for rate analysis. It provides details of resources such as materials, labour, and machinery ideally required in a particular item of work prescribed in BSR - 2025. The LMC - 2025 has been updated in conformity with the updated items of work in the Bhutan Schedule of Rate-2025. The coefficient for each resource is provided for a unit quantity of an item.

The Department encourages users of the BSR to use this document to prepare estimates, bid prices, etc., and not to adopt the prescribed rates in BSR directly. The basic rates for a particular project location can be analyzed and determined using the coefficients, and subsequently, a reliable project cost can be developed. However, the workability of the rates thus developed rests upon the judgment and diligence of its users.

The Department of Infrastructure Development is pleased to publish this document and anticipates that it will be useful to all its users.

Any comments and suggestions related to this publication may be brought to the notice of the Department.



(Karma Dupchuk)
Director General
Department of Infrastructure Development
Ministry of Infrastructure and Transport
Thimphu, Bhutan

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CHAPTER 1: DISMANTLING AND DEMOTILION WORK

DD0001	Demolishing cement concrete 1:3:6 & richer, including disposal of Materials within 50m lead		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	2.02878
			Units
			day
DD0002	Demolishing cement concrete 1:4:8 & leaner, including disposal of Materials within 50m lead		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	1.25658
			Units
			day
DD0003	Demolishing reinforced concrete, including stacking steel bars and disposal of rubbish within 50m lead		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	2.95753
			Units
			day
DD0004	Demolishing lime concrete and disposal of rubbish within 50m lead		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	0.53352
			Units
			day
DD0005	Demolishing stone rubble masonry including stacking useful materials & disposal of rubbish within 50m lead - in lime mortar		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	0.77220
			Units
			day
DD0006	Demolishing stone rubble masonry including stacking useful materials & disposal of rubbish within 50m lead - in cement mortar		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	1.57950
			Units
			day
DD0007	Dismantling dressed ashlar face stone work including stacking useful materials & disposal of rubbish within 50m lead - in lime mortar		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	0.98280
			Units
			day
DD0008	Demolishing dressed ashlar face stone work including stacking useful materials & disposal of rubbish within 50m lead - in cement mortar		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	1.89540
			Units
			day
DD0009	Removing Mortar from stones and cleaning stones and concrete articles and arranging in stacks - In lime mortar		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	0.73710
	LB0051	Mason Gd.2	0.06136
			Units
			day

DD0010	Removing Mortar from stones and cleaning stones and concrete articles and arranging in stacks - In cement mortar		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	0.80730
	LB0051	Mason Gd.2	0.07670
DD0011	Demolishing hollow block masonry including stacking useful Materials & disposal of rubbish within 50m lead		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	2.86767
DD0012	Demolishing reinforced brickwork, including stacking steel bars and disposal of rubbish within 50m lead		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	2.65005
DD0013	Extra, for scraping, cleaning, straightening reinforcement from R.C & reinforced brick work		
	Coefficient for per kg		
	Code	Description	Coefficient
	LB0032	Blacksmith (metal-worker)	0.00253
	LB0077	Labour	0.00463
DD0014	Extra for cutting reinforcement bars in reinforced cement concrete and reinforced brickwork (payment to be made for the cross sectional area of RCC or RB work)		
	Coefficient for per Sq.m		
	Code	Description	Coefficient
	LB0077	Labour	0.84240
DD0015	Demolishing brick work including stacking useful materials & disposal of rubbish within 50m lead - in mud mortar		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	0.45630
DD0016	Demolishing brick work including stacking useful materials & disposal of rubbish within 50m lead - in lime mortar		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	0.54054
DD0017	Demolishing brick work including stacking useful materials & disposal of rubbish within 50m lead - in cement mortar		
	Coefficient for per cu.m		
	Code	Description	Coefficient
	LB0077	Labour	1.33380
DD0018	Removing Mortar from bricks and cleaning bricks including stacking useful materials within 50m lead - from BW in mud mortar		
	Coefficient for per 1000#		
	Code	Description	Coefficient
	LB0077	Labour	2.73780
	LB0051	Mason Gd.2	0.26845

DD0019	Removing Mortar from bricks and cleaning bricks including stacking useful materials within 50m lead - from BW in lime mortar			Coefficient for per 1000#
	Code	Description	Coefficient	Units
	LB0077	Labour	2.87820	day
	LB0051	Mason Gd.2	0.53690	day
DD0020	Removing Mortar from bricks and cleaning bricks including stacking useful materials within 50m lead - from BW in cement mortar			Coefficient for per 1000#
	Code	Description	Coefficient	Units
	LB0077	Labour	3.40470	day
	LB0051	Mason Gd.2	0.84370	day
DD0021	Dismantling steelwork in single sections including dismembering and stacking within 50m lead in RS joists			Coefficient for per kg
	Code	Description	Coefficient	Units
	LB0077	Labour	0.00239	day
DD0022	Dismantling steelwork in single sections including dismembering and stacking within 50m lead in channels, angles, tees and flats			Coefficient for per kg
	Code	Description	Coefficient	Units
	LB0077	Labour	0.00211	day
DD0023	Dismantling steelwork in built up sections in channels, angles, tees and flats in all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 m lead			Coefficient for per kg
	Code	Description	Coefficient	Units
	LB0077	Labour	0.00491	day
DD0024	Dismantling steelwork in built up sections without dismembering and stacking within 50 m lead			Coefficient for per kg
	Code	Description	Coefficient	Units
	LB0077	Labour	0.00421	day
DD0025	Dismantling wood work of sectional area 40 sq.cm and above in frames,trusses (<10m span) including stacking within 50m lead			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.76700	day
	LB0077	Labour	1.12320	day
DD0026	Dismantling wood work of sectional area <40 sq.cm in frames, trusses including stacking within 50m lead			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.03835	day
	LB0077	Labour	0.14040	day
DD0027	Extra for dismantling trusses, rafters, purlins etc. of every additional span of 1 metre or part thereof for span >10m (sectional area > 40sq.cm)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd. 2	0.07670	day
	LB0077	Labour	0.31590	day

DD0028	Extra for dismantling trusses, rafters, purlins etc. every additional span of 1 metre or part thereof >10m (sectional area < 40sq.cm)		
			Coefficient for per m span
	Code	Description	Coefficient
	LB0033	Carpenter Gd. 2	0.00038
	LB0077	Labour	0.00140
			Units
			day
			day
DD0029	Dismantling doors, windows, and clerestory windows <3sq.m (steel, wood) including architrave, hold fasts, stacking within 50m lead		
			Coefficient for per each
	Code	Description	Coefficient
	LB0033	Carpenter Gd. 2	0.04794
	LB0051	Mason Gd.2	0.09588
	LB0077	Labour	0.15795
			Units
			day
			day
			day
DD0030	Dismantling doors, windows and clerestory windows >3sq.m (steel/wood) including architrave, hold fasts, and stacking within 50m lead		
			Coefficient for per each
	Code	Description	Coefficient
	LB0033	Carpenter Gd. 2	0.06750
	LB0051	Mason Gd.2	0.12502
	LB0077	Labour	0.21938
			Units
			day
			day
			day
DD0031	Taking out doors, windows and clerestory windows shutters <3sq.m (steel, wood) including stacking within 50m		
			Coefficient for per each
	Code	Description	Coefficient
	LB0051	Mason Gd.2	0.04794
	LB0077	Labour	0.07020
			Units
			day
			day
DD0032	Taking out doors, windows and clerestory window shutters >3sq.m (steel or wood) including stacking within		
			Coefficient for per each
	Code	Description	Coefficient
	LB0051	Mason Gd.2	0.06750
	LB0077	Labour	0.21973
			Units
			day
			day
DD0040	Dismantling wooden flooring including stacking useful materials & disposal rubbish within 50m lead		
			Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0033	Carpenter Gd.2	0.04295
	LB0077	Labour	0.07862
			Units
			day
			day
DD0041	Dismantling dry brick patching in floors, drains etc including stacking useful materials & disposal of rubbish within 50m lead		
			Coefficient for per cu.m
	Code	Description	Coefficient
	LB0077	Labour	0.87750
			Units
			day
DD0042	Dismantling stone slab flooring laid in cement mortar including stacking useful materials & disposal of rubbish within 50m lead		
			Coefficient for per Sq.m of
	Code	Description	Coefficient
	LB0051	Mason Gd.2	0.01918
	LB0077	Labour	0.15795
			Units
			day
			day
DD0043	Dismantling jack arch roofing and floors including stacking useful materials & disposal of rubbish within 50m		
			Coefficient for per Sq.m of
	Code	Description	Coefficient
	LB0077	Labour	0.17550
			Units
			day

DD0045	Dismantling G.I sheets including ridges, hips, valleys, gutters, & stacking Materials within 50m lead		
	Coefficient for per Sq.m		
	Code	Description	Coefficient
	LB0033	Carpenter Gd.2	0.04794
	LB0077	Labour	0.08775
DD0046	Dismantling tiled roofing with batten boarding etc. complete including stacking useful materials & disposal of rubbish within 50m lead		
	Coefficient for per Sq.m of		
	Code	Description	Coefficient
	LB0077	Labour	0.13689
DD0050	Dismantling expanded metal, fabrics & battens, beading including stacking useful materials within 50m lead		
	Coefficient for per Sq.m		
	Code	Description	Coefficient
	LB0033	Carpenter Gd.2	0.00959
	LB0077	Labour	0.05265
DD0055	Dismantling barbed wire, flexible wire including making rolls, & stacking within 50m lead		
	Coefficient for per kg		
	Code	Description	Coefficient
	LB0077	Labour	0.03089
DD0056	Dismantling steel fence posts, strutsS & earth work/demolishing of concrete and stacking within 50m lead		
	Coefficient for per each		
	Code	Description	Coefficient
	LB0077	Labour	0.29307
DD0057	Dismantling R.C.C fence posts, struts including earth work/demolishing concrete footings, stacking, 50m lead		
	Coefficient for per each		
	Code	Description	Coefficient
	LB0077	Labour	0.34882
DD0058	Cutting ballies/wooden posts at ground or projection above concrete & stacking within 50m lead		
	Coefficient for per each		
	Code	Description	Coefficient
	LB0077	Labour	0.08775
DD0065	Dismantling cement A.C., celotex, hardboard ceiling, partition, including stacking useful materials, disposal rubbish within 50m lead		
	Coefficient for per Sq.m		
	Code	Description	Coefficient
	LB0033	Carpenter Gd.2	0.01918
	LB0077	Labour	0.02668
DD0066	Dismantling of ekra wall in cement mortar 1:6 or richer including stacking useful materials & disposal of rubbish within 50m lead		
	Coefficient for per Sq.m		
	Code	Description	Coefficient
	LB0033	Carpenter Gd.2	0.01918
	LB0077	Labour	0.06529
DD0067	Dismantling old plaster or skirting, raking out joints and cleaning the surface for plaster including disposal of rubbish within 50m lead		
	Coefficient for per Sq.m		
	Code	Description	Coefficient
	LB0077	Labour	0.03510

DD0075	Dismantling of old S.W pipes including breaking joints, bed concrete, stacking of useful materials, & disposal of rubbish within 50m lead - 100mm dia			Coefficient for per m
Code	Description	Coefficient	Units	
LB0077	Labour	0.07511	day	
DD0076	Dismantling of old S.W pipes including breaking joints, bed concrete, stacking of useful materials & disposal of rubbish within 50m lead - 150mm dia			Coefficient for per m
Code	Description	Coefficient	Units	
LB0077	Labour	0.08284	day	
DD0077	Dismantling of old S.W pipes including breaking joints, bed concrete, stacking of useful materials & disposal of rubbish within 50m lead - 200mm dia			Coefficient for per m
Code	Description	Coefficient	Units	
LB0077	Labour	0.08845	day	
DD0078	Dismantling CI pipes including excavation and refilling trenches after taking out the pipes, breaking lead caulked joints, melting of lead and making into blocks, stacking of pies at site and disposal of rubbish within 50m lead - upto 150 mm dia			Coefficient for per m
Code	Description	Coefficient	Units	
LB0077	Labour	0.03313	day	
LB0054	plumber Gd. 2	0.01427	day	
MT0035	Kerosene	0.00940	litre	
MT0040	Firewood	0.00086	cu.m	
MT0042	Mud dry	0.01100	cu.m	
EW0135	Excavation and refilling in All types of soil	0.30833	cu.m	
DD0079	Dismantling CI pipes including excavation and refilling trenches after taking out the pipes, breaking lead caulked joints, melting of lead and making into blocks, stacking of pies at site and disposal of rubbish within 50m lead - from 150 mm upto 300 mm			Coefficient for per m
Code	Description	Coefficient	Units	
LB0077	Labour	0.10025	day	
LB0054	plumber Gd. 2	0.03336	day	
MT0035	Kerosene	0.02830	litre	
MT0040	Firewood	0.00200	cu.m	
MT0042	Mud dry	0.05880	cu.m	
EW0135	Excavation and refilling in All types of soil	0.32881	cu.m	
DD0080	Dismantling CI pipes including excavation and refilling trenches after taking out the pipes, breaking lead caulked joints, melting of lead and making into blocks, stacking of pies at site and disposal of rubbish within 50m lead - above 300 mm dia			Coefficient for per m
Code	Description	Coefficient	Units	
LB0077	Labour	0.20927	day	
LB0054	plumber Gd. 2	0.06665	day	
MT0035	Kerosene	0.56380	litre	
MT0040	Firewood	0.00273	cu.m	
MT0042	Mud dry	0.18080	cu.m	
EW0136	Excavation and refilling in All types of soil	0.35014	cu.m	
DD0085	Dismantling of G.I or HDPE pipes of diameter 100mm to 250mm including breaking bed concrete, clamps, etc. and stacking of useful materials & disposal of rubbish within 50 m lead. - G.I Pipes			Coefficient for per m
Code	Description	Coefficient	Units	
LB0077	Labour	0.06809	day	

DD0086	Dismantling of G.I or HDPE pipes of diameter 100mm to 250mm including breaking bed concrete, clamps, etc. and stacking of useful materials, & disposal of rubbish within 50 m lead. - H.D.P.E Pipes			Coefficient for per m
Code	Description	Coefficient	Units	
LB0077	Labour	0.08986	day	
DD0090	Dismantling of precast concrete or stone slabs in walls, partition walls etc. including of useful materials & disposal of rubbish within 50 m lead - upto 40 mm thickness			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0077	Labour	0.16146	day	
LB0051	Mason Gd.2	0.03835	day	
DD0091	Dismantling of precast concrete or stone slabs in walls, partition walls etc. including of useful materials & disposal of rubbish within 50 m lead - above 40 mm thickness and upto 74mm thickness			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0077	Labour	0.22815	day	
LB0051	Mason Gd.2	0.06520	day	
DD0095	Dismantling water bound macadam road including stacking of useful materials & disposal of rubbish within 50 m lead			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0077	Labour	0.15725	day	
DD0096	Dismantling bituminous road including cutting, stacking of useful materials & disposal of rubbish within 50 m lead			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0077	Labour	0.02422	day	
DD0100	Dismantling of flushing cistern of any size including stacking of useful materials & disposal of rubbish within 50 m lead			Coefficient for per no of
Code	Description	Coefficient	Units	
LB0077	Labour	0.31590	day	
LB0054	Plumber Gd.2	0.26845	day	

CHAPTER 2: CLEARING AND GRUBBING

CG0001	Clearing grass including removal of rubbish within 50m of site		Coefficient for per Sq.m																								
	<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Code</th> <th style="text-align: left;">Description</th> <th style="text-align: right;">Coefficient</th> <th style="text-align: right;">Units</th> </tr> </thead> <tbody> <tr> <td>LB0077</td> <td>Labour</td> <td style="text-align: right;">0.00744</td> <td style="text-align: right;">day</td> </tr> </tbody> </table>	Code	Description	Coefficient	Units	LB0077	Labour	0.00744	day																		
Code	Description	Coefficient	Units																								
LB0077	Labour	0.00744	day																								
CG0002	Clearing jungle including uprooting of vegetation & trees of girth < 300mm, disposal within 50m of the site		Coefficient for per Sq.m																								
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Code	Description	Coefficient	Units																								
LB0077	Labour	0.02352	day																								
CG0010	Felling trees including cutting of trunks and branches, removal of roots, stacking of serviceable materials and disposal of rubbish within 50m lead - Girth 300 to 600mm		Coefficient for per each																								
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LB0077	Labour	0.21945	day																								
CG0011	Felling trees including cutting of trunks and branches, removal of roots, stacking of serviceable materials and disposal of rubbish within 50m lead - Girth 600 to 1200mm		Coefficient for per each																								
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LB0077	Labour	0.98982	day																								
CG0012	Felling trees including cutting of trunks and branches, removal of roots, stacking of serviceable materials and disposal of rubbish within 50m lead - Girth 1200 to 2400 mm		Coefficient for per each																								
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LB0077	Labour	4.60688	day																								
CG0013	Felling trees including cutting of trunks and branches, removal of roots, stacking of serviceable materials and disposal of rubbish within 50m lead - Girth > 2400mm		Coefficient for per each																								
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LB0077	Labour	9.21375	day																								
CG0020	Felling of trees including removal of roots and disposal of rubbish using bull dozer (excluding cutting of trunks, branches & stacking) - Girth 300 to 600mm		Coefficient for per Each																								
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MP0120	Dozer or equivalent	0.00360	day																								
CG0021	Felling of trees including removal of roots and disposal of rubbish using bull dozer (excluding cutting of trunks, branches & stacking) - Girth 600 to 1200m		Coefficient for per Each																								
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Code	Description	Coefficient	Units																								
LB0047	Blaster	0.00767	day																								
MP0120	Dozer or equivalent	0.01000	day																								
MT0020	Superdyne / Gelatine	0.50000	kg																								
MT0021	D cord	1.50000	m																								
MT0022	Detonator	1.00000	each																								
CG0022	Felling of trees including removal of roots and disposal of rubbish using bull dozer (excluding cutting of trunks, branches & stacking) - Girth 1200 to 2400 mm		Coefficient for per Each																								
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Code	Description	Coefficient	Units																								
LB0047	Blaster	0.01534	day																								
MP0120	Dozer or equivalent	0.02000	day																								
MT0020	Superdyne / Gelatine	1.00000	kg																								
MT0021	D cord	3.00000	m																								

MT0022 Detonator 2.00000 each

CG0023 Felling of trees including removal of roots and disposal of rubbish using bull dozer (excluding cutting of trunks, branches & stacking) - Girth > 2400m
Coefficient for per Each

Code	Description	Coefficient	Units
LB0047	Blaster	0.03068	day
MP0120	Dozer or equivalent	0.03500	day
MT0020	Superdyne / Gelatine	2.00000	kg
MT0021	D cord	4.50000	m
MT0022	Detonator	4.00000	each

CG0030 Clearing grass, removal of landslide debris & surface material including excavation & disposal within 50m lead
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	0.15865	day

CHAPTER 3: EARTH WORK

EW0002	Surface dressing of ground, including removal of vegetations and inequalities < 150mm deep, disposal of rubbish within 50m lead and 1.5m lifts - All types of Soil	Coefficient for per Sq.m																					
	<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Code</th> <th style="text-align: left;">Description</th> <th style="text-align: right;">Coefficient</th> <th style="text-align: right;">Units</th> </tr> </thead> <tbody> <tr> <td>LB0077</td> <td>Labour</td> <td style="text-align: right;">0.03342</td> <td style="text-align: right;">day</td> </tr> </tbody> </table>	Code	Description	Coefficient	Units	LB0077	Labour	0.03342	day														
Code	Description	Coefficient	Units																				
LB0077	Labour	0.03342	day																				
EW0011	Ploughing the existing ground to a depth 150mm to 250mm, and watering the same - All types of Soil	Coefficient for per Sq.m																					
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Code	Description	Coefficient	Units																				
LB0077	Labour	0.02106	day																				
EW0021	Earth work in surface excavation, depth <300mm, width >1.5m, area >10 Sq.m in plan, including disposal of excavated earth within 50m lead & 1.5m lift and disposed soil to be neatly dressed - All types of soil	Coefficient for per Sq.m																					
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Code	Description	Coefficient	Units																				
LB0077	Labour	0.06143	day																				
EW0031	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 Sq.m on plan, including disposal of excavated earth within 50m lead and 1.5m lift & disposed soil to be neatly dressed - All types of Soil	Coefficient for per cu.m																					
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Code	Description	Coefficient	Units																				
LB0077	Labour	0.39052	day																				
EW0032	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 Sq.m on plan, including disposal of excavated earth within 50m lead and 1.5m lift & disposed soil to be neatly dressed - All types of rock with or	Coefficient for per cu.m																					
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Code	Description	Coefficient	Units																				
LB0077	Labour	1.12039	day																				
MT0020	Superdyne / Gelatine	0.19700	kg																				
MT0021	D cord	1.50000	m																				
MT0022	Detonator	0.20000	each																				
EW0033	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 Sq.m on plan, including disposal of excavated earth within 50m lead and 1.5m lift & disposed soil to be neatly dressed - All types of rock requiring chiselling (where blasting is prohibited)	Coefficient for per cu.m																					
	<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Code</th> <th style="text-align: left;">Description</th> <th style="text-align: right;">Coefficient</th> <th style="text-align: right;">Units</th> </tr> </thead> <tbody> <tr> <td>LB0077</td> <td>Labour</td> <td style="text-align: right;">1.48684</td> <td style="text-align: right;">day</td> </tr> <tr> <td>MT0020</td> <td>Superdyne / Gelatine</td> <td style="text-align: right;">0.39300</td> <td style="text-align: right;">kg</td> </tr> <tr> <td>MT0021</td> <td>D cord</td> <td style="text-align: right;">1.50000</td> <td style="text-align: right;">m</td> </tr> <tr> <td>MT0022</td> <td>Detonator</td> <td style="text-align: right;">0.40000</td> <td style="text-align: right;">each</td> </tr> </tbody> </table>	Code	Description	Coefficient	Units	LB0077	Labour	1.48684	day	MT0020	Superdyne / Gelatine	0.39300	kg	MT0021	D cord	1.50000	m	MT0022	Detonator	0.40000	each		
Code	Description	Coefficient	Units																				
LB0077	Labour	1.48684	day																				
MT0020	Superdyne / Gelatine	0.39300	kg																				
MT0021	D cord	1.50000	m																				
MT0022	Detonator	0.40000	each																				
EW0034	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 Sq.m on plan, including disposal of excavated earth within 50m lead and 1.5m lift & disposed soil to be neatly dressed - All types of rock requiring chiselling (where blasting is prohibited)	Coefficient for per cu.m																					
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Code	Description	Coefficient	Units																				
LB0032	Blacksmith (metal-worker)	0.03881	day																				
LB0051	Mason Gd.2	0.23394	day																				
LB0077	Labour	2.25145	day																				
EW0046	Earth work in excavation over areas by Excavator, exceeding 300mm in depth, 1.5m in width as well as 10 sq.m in area on plan, including dressing, levelling and disposal of excavated earth, laead up to 50m and lift upto 1.5m	Coefficient for per cu.m																					
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Code	Description	Coefficient	Units																				
LB0039	Work Supervisor (Lajab)	0.00253	day																				
MP0125	Excavator CAT 320 or equivalent	0.00350	day																				

EW0047 Earth work in excavation over areas by Excavator, exceeding 300mm in depth, 1.5m in width as well as 10 sq.m in area on plan, including dressing, levelling and disposal of excavated earth, laead up to 50m and lift upto 1.5m - All types of rocks (blasted)

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0039	Work Supervisor (Lajab)	0.00253	day
MP0125	Excavator CAT 320 or equivalent	0.00370	day

EW0056 Blasting of rocks complete excluding the cost of collection and stacking of blasted rock - All types of rock
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0047	Blaster	0.00384	day
LB0077	Labour	0.00562	day
MP0113	Compressor (CPS - 300)	0.00800	day
MP0135	Jack Hammer	0.00800	day
MT0020	Superdyne / Gelatine	0.33200	kg
MT0021	D cord	1.50000	m
MT0022	Detonator	0.40000	each
MT0023	Drill rod	0.00500	each

EW0066 Breaking of rocks using non-explosive blaster (silent blaster) in over areas, depth >300mm, width >1.5m, area >10sq.m on plan including stacking of boulders or useful materials and disposal of rubbish etc complete - All
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	1.75500	day
MP0113	Compressor (CPS - 300)	0.00800	day
MP0135	Jack Hammer	0.00800	day
MT0023	Drill rod	0.00600	each
MT0024	Silent Blaster	10.00000	kg

EW0076 Breaking of rocks using non-explosive blaster (silent blaster) in foundation trenches width <1.5m, area <10sq.m on plan including stacking of boulders or useful materials and disposal of rubbish etc complete - All types of
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	1.96560	day
MP0113	Compressor (CPS - 300)	0.00800	day
MP0135	Jack Hammer	0.00800	day
MT0023	Drill rod	0.00600	each
MT0024	Silent Blaster	10.00000	kg

EW0085 Earth work in rough excavation & banking of excavated earth in layers < 200 mm in depth for road, flood/guide banks & depressions, including watering, power rolling, dressing, lead upto 50m & 1.5m lift - All
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	0.39690	day
MP0152	Roller, CAT -CS551	0.00200	day

EW0096 Banking excavated earth for road, flood banks, guide banks & depressions, in layers <200mm depth, including watering, rolling & dressing up within 50m lead & 1.5m lift - All types of soil
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	0.24364	day
MP0152	Roller, CAT -CS551	0.00200	day

EW0097 Banking excavated earth for road, flood banks, guide banks & depressions, in layers <200mm depth, including watering, rolling & dressing up within 50m lead & 1.5m lift - Deduction - for not rolling with power roller in layered banking works
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00070	day
MP0152	Roller, CAT -CS551	0.00200	day

EW0098 Banking excavated earth for road, flood banks, guide banks & depressions, in layers <200mm depth, including watering, rolling & dressing up within 50m lead & 1.5m lift - Deduction - for not watering in layered, banking works

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	0.01495	day

EW0106 Excavation in foundation trenches or drains, not exceeding 1.5m in width or area 10 sq.m on plan, and depth > 300 mm including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift - All types of Soil

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	0.41278	day

EW0107 Excavation in foundation trenches or drains, not exceeding 1.5m in width or area 10 sq.m on plan, and depth > 300 mm including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift - All types of rock with or without blasting

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	1.18203	day
MT0020	Superdyne / Gelatine	0.22500	kg
MT0021	D cord	1.50000	m
MT0022	Detonator	0.30000	each

EW0108 Excavation in foundation trenches or drains, not exceeding 1.5m in width or area 10 sq.m on plan, and depth > 300 mm including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift - All types of rock requiring blasting

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	1.58568	day
MT0020	Superdyne / Gelatine	0.64200	kg
MT0021	D cord	1.50000	m
MT0022	Detonator	0.70000	each

EW0109 Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 sq.m on plan, and depth > 300 mm including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift. All types of rock requiring chiselling (where blasting is prohibited)

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.03375	day
LB0051	Mason Gd.2	0.20326	day
LB0077	Labour	2.32804	day

EW0115 Extra for every additional lift of 1.5m or part thereof - All types of soils

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	0.03510	day

EW0116 Extra for every additional lift of 1.5m or part thereof - All types of rocks

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0076	Labour	0.06248	day

EW0125 Extra, for trench, pit works per cu.m per m depth - Under water

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	0.08256	day
MP0171	Water pump AVI type	0.01000	day

EW0126	Extra, for trench, pit works per cu.m per m depth - In foul conditions			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.10319	day
EW0134	Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides/ ramming of bottom, depth upto 1.5m, disposal of surplus material within lead of 50m: All types of soil - Pipes, cables etc. dia < 80mm			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.35000	day
EW0135	Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides/ ramming of bottom, depth upto 1.5m, disposal of surplus material within lead of 50m: All types of soil - Pipes, cables etc. 80mm < dia < 300mm			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.45080	day
EW0136	Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides/ ramming of bottom, depth upto 1.5m, disposal of surplus material within lead of 50m: All types of soil - Pipes, cables etc. dia.>300 mm			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.70365	day
EW0154	Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides/ ramming of bottom, depth < 1.5m, disposal of surplus material within lead of 50m: All type of rock with or without blasting - Pipes, cables etc. dia < 80mm			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0077	Labour	1.35586	day
	MT0020	Superdyne / Gelatine	0.26325	kg
	MT0021	D cord	0.50000	m
	MT0022	Detonator	0.35100	each
EW0155	Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides/ ramming of bottom, depth < 1.5m, disposal of surplus material within lead of 50m: All type of rock with or without blasting - Pipes, cables etc. 80mm < dia < 300mm			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0077	Labour	1.65586	day
	MT0020	Superdyne / Gelatine	0.26325	kg
	MT0021	D cord	0.50000	m
	MT0022	Detonator	0.35100	each
EW0156	Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides/ ramming of bottom, depth < 1.5m, disposal of surplus material within lead of 50m: All type of rock with or without blasting - Pipes, cables etc. dia.> 300mm			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0077	Labour	1.90532	day
	MT0020	Superdyne / Gelatine	0.30299	kg
	MT0021	D cord	0.50000	m
	MT0022	Detonator	0.40398	each

EW0164 Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides, ramming of bottom, depth < 1.5m, disposal of surplus material within lead of 50m: All type of rock - Pipes, cables etc. dia < 80mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0077	Labour	1.82814	day
MT0020	Superdyne / Gelatine	0.75114	kg
MT0021	D cord	0.50000	m
MT0022	Detonator	0.81900	each

EW0165 Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides, ramming of bottom, depth < 1.5m, disposal of surplus material within lead of 50m: All type of rock - Pipes, cables etc. 80mm < dia < 300mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0077	Labour	2.12814	day
MT0020	Superdyne / Gelatine	0.75114	kg
MT0021	D cord	0.50000	m
MT0022	Detonator	0.81900	each

EW0166 Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides, ramming of bottom, depth < 1.5m, disposal of surplus material within lead of 50m: All type of rock - Pipes, cables etc. dia.> 300mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0077	Labour	2.44887	day
MT0020	Superdyne / Gelatine	0.86452	kg
MT0021	D cord	0.50000	m
MT0022	Detonator	0.94262	each

EW0174 Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides /ramming of bottom, depth < 1.5m, disposal of surplus material within lead of 50m: All type of rock requiring chiselling (where blasting is prohibited) - Pipes, cables etc. dia < 80mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.03000	day
LB0051	Mason Gd.2	0.19781	day
LB0077	Labour	2.54670	day

EW0175 Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides /ramming of bottom, depth < 1.5m, disposal of surplus material within lead of 50m: All type of rock requiring chiselling (where blasting is prohibited) - Pipes, cables etc. 80mm < dia < 300mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.03949	day
LB0051	Mason Gd.2	0.23781	day
LB0077	Labour	2.99670	day

EW0176 Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides /ramming of bottom, depth < 1.5m, disposal of surplus material within lead of 50m: All type of rock requiring chiselling (where blasting is prohibited) - Pipes, cables etc. dia.> 300mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.04544	day
LB0051	Mason Gd.2	0.27370	day
LB0077	Labour	3.44854	day

EW0185	Extra for excavating trenches for pipes, cables etc., 1.5 < depth < 3m - All types of soil			Coefficient for per m
Code	Description	Coefficient	Units	
LB0077	Labour	0.93420	day	
EW0186	Extra for excavating trenches for pipes, cables etc., 1.5 < depth < 3m - All types of rocks			Coefficient for per m
Code	Description	Coefficient	Units	
LB0032	Blacksmith (metal-worker)	0.05680	day	
LB0051	Mason Gd.2	0.34213	day	
LB0077	Labour	4.31067	day	
EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavated earth, ramming etc. within lead 50 m & lift 1.5m			Coefficient for per cu.m
Code	Description	Coefficient	Units	
LB0077	Labour	0.20744	day	
EW0196	Providing & laying sand bedding, including watering, ramming, dressing			Coefficient for per cu.m
Code	Description	Coefficient	Units	
LB0077	Labour	0.20274	day	
MT0043	Sand	1.00000	cu.m	
EW0197	Providing & laying dry earth bedding, including consolidating each deposited layer by watering, ramming and			Coefficient for per cu.m
Code	Description	Coefficient	Units	
LB0077	Labour	0.21271	day	
MT0042	Mud dry	1.00000	cu.m	
EW0205	Open timbering over areas including lagging & strutting of trenches, cuts (per sq.m face area timbered) - Depth not exceeding 1.5m			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.00253	day	
LB0077	Labour	0.00484	day	
MT0325	Ballies 75 to 125mm dia	0.28330	m	
MT0330	Rough-sawn timber (urban rate) - Class 'B'	0.00870	cu.m	
EW0206	Open timbering over areas including lagging & strutting of trenches, cuts (per sq.m face area timbered) - 1.5m < depth < 3 m			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.00529	day	
LB0077	Labour	0.00955	day	
MT0325	Ballies 75 to 125mm dia	0.28330	m	
MT0330	Rough-sawn timber (urban rate) - Class 'B'	0.00870	cu.m	
EW0207	Open timbering over areas including lagging & strutting of trenches, cuts (per sq.m face area timbered) - Depth			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.01066	day	
LB0077	Labour	0.01713	day	
MT0325	Ballies 75 to 125mm dia	0.28330	m	
MT0330	Rough-sawn timber (urban rate) - Class 'B'	0.00870	cu.m	

EW0215	Close timbering over areas including lagging & strutting of trenches, cuts (per sq.m face area timbered) - Depth not exceeding 1.5m			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.00529	day	
LB0077	Labour	0.00976	day	
MT0325	Ballies 75 to 125mm dia	0.28330	m	
MT0330	Rough-sawn timber (urban rate) - Class 'B'	0.02570	cu.m	
EW0216	Close timbering over areas including lagging & strutting of trenches, cuts (per sq.m face area timbered) - 1.5m			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.01062	day	
LB0077	Labour	0.02457	day	
MT0325	Ballies 75 to 125mm dia	0.28330	m	
MT0330	Rough-sawn timber (urban rate) - Class 'B'	0.02570	cu.m	
EW0217	Close timbering over areas including lagging & strutting of trenches, cuts (per sq.m face area timbered) - 3m < depth < 4.5m			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.01595	day	
LB0077	Labour	0.03931	day	
MT0325	Ballies 75 to 125mm dia	0.28330	m	
MT0330	Rough-sawn timber (urban rate) - Class 'B'	0.02570	cu.m	
EW0225	Close timbering including lagging & strutting of shafts, wells, cess pits, manholes (per sq.m face area timbered) - Depth not exceeding 1.5m			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.00874	day	
LB0077	Labour	0.01594	day	
MT0325	Ballies 75 to 125mm dia	0.49940	m	
MT0330	Rough-sawn timber (urban rate) - Class 'B'	0.02240	cu.m	
EW0226	Close timbering including lagging & strutting of shafts, wells, cess pits, manholes (per sq.m face area timbered) - 1.5m < Depth < 3m			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.01741	day	
LB0077	Labour	0.03320	day	
MT0325	Ballies 75 to 125mm dia	0.49940	m	
MT0330	Rough-sawn timber (urban rate) - Class 'B'	0.02240	cu.m	
EW0227	Close timbering including lagging & strutting of shafts, wells, cess pits, manholes (per sq.m face area timbered) - 3m < Depth < 4.5m			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.02761	day	
LB0077	Labour	0.05054	day	
MT0325	Ballies 75 to 125mm dia	0.49940	m	
MT0330	Rough-sawn timber (urban rate) - Class 'B'	0.02240	cu.m	
EW0235	Pumping out water caused by springs, river, seepage, broken water mains, drains, and alike			Coefficient for per cu.m
Code	Description	Coefficient	Units	
LB0077	Labour	0.16083	day	
MP0171	Water pump AVI type	0.03440	day	

EW0240	Providing and injecting chemical emulsion for Pre-construction anti-termite treatment using Chlorpyrifos/ Lindane E. C 20% with 1% Concentration (Anti Termite Chemical)		
		Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0039	Work Supervisor (Lajab)	0.01764
	LB0077	Labour	0.16146
	MT0030	Chlorpyrifos/ Lindane E. C 20% with 1%	0.15000
			Units
			day
			day
			litre
EW0245	Providing and injecting chemical emulsion for Post-construction, using Chlorpyrifos/ Lindane E. C 20% with 1% Concentration (Anti Termite Chemical) - Along outside of foundation		
			Coefficient for per m
	Code	Description	Coefficient
	LB0039	Work Supervisor (Lajab)	0.06213
	LB0077	Labour	0.52510
	MT0030	Chlorpyrifos/ Lindane E. C 20% with 1%	0.15000
			Units
			day
			day
			litre
EW0246	Providing and injecting chemical emulsion for Post-construction, using Chlorpyrifos/ Lindane E. C 20% with 1% Concentration (Anti Termite Chemical) - Along external walls below concrete/ masonry apron		
			Coefficient for per m
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.04410
	LB0039	Work Supervisor (Lajab)	0.04410
	LB0077	Labour	0.40365
	MT0030	Chlorpyrifos/ Lindane E. C 20% with 1%	0.02500
			Units
			day
			day
			litre
EW0247	Providing and injecting chemical emulsion for Post-construction, using Chlorpyrifos/ Lindane E. C 20% with 1% Concentration (Anti Termite Chemical) - Under existing floors including drilling & plugging 12mm holes with mortar 1:2		
			Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.04410
	LB0039	Work Supervisor (Lajab)	0.04410
	LB0077	Labour	0.80730
	MT0030	Chlorpyrifos/ Lindane E. C 20% with 1%	0.03300
			Units
			day
			day
			litre
EW0248	Providing and injecting chemical emulsion for Post-construction, using Chlorpyrifos/ Lindane E. C 20% with 1% Concentration (Anti Termite Chemical) - Voids in masonry including drilling holes at 45 degree & plugging with cement mortar 1:2)		
			Coefficient for per m
	Code	Description	Coefficient
	LB0039	Work Supervisor (Lajab)	0.04410
	LB0077	Labour	0.52510
	MT0030	Chlorpyrifos/ Lindane E. C 20% with 1%	0.01600
			Units
			day
			day
			litre
EW0249	Providing and injecting chemical emulsion for Post-construction, using Chlorpyrifos/ Lindane E. C 20% with 1% Concentration (Anti Termite Chemical) - Woodwork (using chemical in oil or kerosene based solution) including drilling & plugging 6mm holes		
			Coefficient for per m
	Code	Description	Coefficient
	LB0033	Carpenter Gd.2	0.08821
	LB0039	Work Supervisor (Lajab)	0.04410
	LB0077	Labour	0.40365
	MT0030	Chlorpyrifos/ Lindane E. C 20% with 1% Concentration (Anti Termite Chemical)	0.00500
			Units
			day
			day
			litre

CHAPTER 4: DRAINAGE

DR0001 Providing and laying Plinth Protection and grouted with fine sand mix including well rammed, finishing the top smooth - With 50mm thick cement concrete 1:3:6, 20mm aggregates, laid over 75mm thick layer of compacted
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.00240	day
LB0039	Work Supervisor (Lajab)	0.00192	day
LB0051	Mason Gd.2	0.02832	day
LB0053	Plant Operator Gd.3	0.00268	day
LB0077	Labour	0.29100	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00350	day
MP0112	Concrete Vibrator(M/C5)	0.00350	day
MT0043	Sand	0.02950	cu.m
MT0070	Crushed Rock - 20mm	0.04700	cu.m
MT0080	Gravel/Shingles (River stone) - 40mm to 20mm	0.07500	cu.m
MT0145	Cement (OPC / PSC)	0.01100	tonne

DR0002 Providing and laying Plinth Protection and grouted with fine sand mix including well rammed, finishing the top smooth - With 50mm thick cement concrete 1:3:6, 20mm gravel or shingles laid over 75mm thick layer of compacted gravel (40mm)
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.00240	day
LB0039	Work Supervisor (Lajab)	0.00192	day
LB0051	Mason Gd.2	0.02832	day
LB0053	Plant Operator Gd.3	0.00268	day
LB0077	Labour	0.29099	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00350	day
MP0112	Concrete Vibrator(M/C5)	0.00350	day
MT0043	Sand	0.08350	cu.m
MT0080	Gravel/Shingles (River stone) - 40mm to 20mm	0.00600	cu.m
MT0081	Gravel/Shingles (River stone) - 20mm to 10mm	0.04700	cu.m
MT0145	Cement (OPC / PSC)	0.01100	tonne

DR0003 Providing and laying Plinth Protection and grouted with fine sand mix including well rammed, finishing the top smooth - With 50mm thick cement concrete 1:3:6, 20mm aggregate, laid over 75mm thick layer of compacted dry brick aggregate (40mm)
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.00245	day
LB0039	Work Supervisor (Lajab)	0.00196	day
LB0051	Mason Gd.2	0.02852	day
LB0053	Plant Operator Gd.3	0.00274	day
LB0077	Labour	0.29255	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00357	day
MP0112	Concrete Vibrator(M/C5)	0.00357	day
MT0043	Sand	0.02997	cu.m
MT0070	Crushed Rock - 20mm	0.04794	cu.m
MT0126	Brick aggregate	0.07500	cu.m
MT0145	Cement (OPC / PSC)	0.01122	tonne

DR0004 Providing and laying Plinth Protection and grouted with fine sand mix including well rammed, finishing the top smooth - With 50mm thick cement concrete 1:3:6, 20mm gravel or shingles laid on 75mm thick layer of compacted dry brick aggregate (40mm)
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.00245	day
LB0039	Work Supervisor (Lajab)	0.00196	day
LB0051	Mason Gd.2	0.02852	day
LB0053	Plant Operator Gd.3	0.00274	day
LB0077	Labour	0.29255	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00357	day
MP0112	Concrete Vibrator(M/C5)	0.00357	day

MT0043	Sand	0.02997	cu.m
MT0081	Gravel/Shingles (River stone) - 20mm to 10mm	0.04794	cu.m
MT0126	Brick aggregate	0.07500	cu.m
MT0145	Cement (OPC / PSC)	0.01122	tonne

DR0010 Constructing second class brick masonry open surface drain in cement mortar 1:4 including earth work in excavation 100 mm thick concrete bed 1:5:10, 40mm aggregate and 25mm thick cement concrete 1:2:4, 12 mm aggregate for filling haunches including 12mm cement plastering 1:4 with a floating coat of neat cement and disposal of surplus earth etc. complete - 100mm wide x 200mm average depth

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.08136	day
LB0039	Work Supervisor (Lajab)	0.00183	day
LB0051	Mason Gd.2	0.01268	day
LB0053	Plant Operator Gd.3	0.00255	day
LB0077	Labour	0.26131	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00333	day
MP0112	Concrete Vibrator(M/C5)	0.00333	day
MT0043	Sand	0.04298	cu.m
MT0068	Crushed Rock - 40mm	0.04005	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.00222	cu.m
MT0125	Bricks 2nd class	0.01628	1000#
MT0145	Cement (OPC / PSC)	0.01571	tonne

DR0011 Constructing second class brick masonry open surface drain in cement mortar 1:4 including earth work in excavation 100 mm thick concrete bed 1:5:10, 40mm aggregate and 25mm thick cement concrete 1:2:4, 12 mm aggregate for filling haunches including 12mm cement plastering 1:4 with a floating coat of neat cement and disposal of surplus earth etc. complete - 150mm wide x 200mm average depth

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.08286	day
LB0039	Work Supervisor (Lajab)	0.00207	day
LB0051	Mason Gd.2	0.01299	day
LB0053	Plant Operator Gd.3	0.00290	day
LB0077	Labour	0.27733	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00378	day
MP0112	Concrete Vibrator(M/C5)	0.00378	day
MT0043	Sand	0.04600	cu.m
MT0068	Crushed Rock - 40mm	0.04450	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.00356	cu.m
MT0125	Bricks 2nd class	0.01628	1000#
MT0145	Cement (OPC / PSC)	0.01695	tonne

DR0012 Constructing second class brick masonry open surface drain in cement mortar 1:4 including earth work in excavation 100 mm thick concrete bed 1:5:10, 40mm aggregate and 25mm thick cement concrete 1:2:4, 12 mm aggregate for filling haunches including 12mm cement plastering 1:4 with a floating coat of neat cement and disposal of surplus earth etc. complete - 250mm wide x 300mm average depth

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.11142	day
LB0039	Work Supervisor (Lajab)	0.00253	day
LB0051	Mason Gd.2	0.01877	day
LB0053	Plant Operator Gd.3	0.00354	day
LB0077	Labour	0.38208	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00462	day
MP0112	Concrete Vibrator(M/C5)	0.00462	day
MT0043	Sand	0.06002	cu.m
MT0068	Crushed Rock - 40mm	0.05340	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.00534	cu.m
MT0125	Bricks 2nd class	0.02442	1000#
MT0145	Cement (OPC / PSC)	0.02256	tonne

DR0013 Constructing second class brick masonry open surface drain in cement mortar 1:4 including earth work in excavation 100 mm thick concrete bed 1:5:10, 40mm aggregate and 25mm thick cement concrete 1:2:4, 12 mm aggregate for filling haunches including 12mm cement plastering 1:4 with a floating coat of neat cement and disposal of surplus earth etc. complete - 300mm wide x 450mm average depth

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.14141	day
LB0039	Work Supervisor (Lajab)	0.00268	day
LB0051	Mason Gd.2	0.07100	day
LB0053	Plant Operator Gd.3	0.00376	day
LB0077	Labour	0.50330	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00490	day
MP0112	Concrete Vibrator(M/C5)	0.00490	day
MT0043	Sand	0.07022	cu.m
MT0068	Crushed Rock - 40mm	0.04005	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.02225	cu.m
MT0125	Bricks 2nd class	0.04680	1000#
MT0145	Cement (OPC / PSC)	0.02740	tonne

DR0020 Extra, for additional depth of brick masonry drain - 100mm wideper metre additional depth

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.25602	day
LB0051	Mason Gd.2	0.05200	day
LB0077	Labour	0.69445	day
MT0043	Sand	0.08432	cu.m
MT0125	Bricks 2nd class	0.08140	1000#
MT0145	Cement (OPC / PSC)	0.03434	tonne

DR0021 Extra, for additional depth of brick masonry drain - 150mm wideper metre additional depth

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.25602	day
LB0051	Mason Gd.2	0.05200	day
LB0077	Labour	0.71099	day
MT0043	Sand	0.08432	cu.m
MT0125	Bricks 2nd class	0.08140	1000#
MT0145	Cement (OPC / PSC)	0.03434	tonne

DR0022 Extra, for additional depth of brick masonry drain - 250mm wideper metre additional depth

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.25602	day
LB0051	Mason Gd.2	0.05200	day
LB0077	Labour	0.74276	day
MT0043	Sand	0.08432	cu.m
MT0125	Bricks 2nd class	0.08140	1000#
MT0145	Cement (OPC / PSC)	0.03434	tonne

DR0030 Constructing random rubble masonry open surface drain in cement mortar 1:6 including earth work in excavation, 100mm thick concrete base 1:5:10, 40 mm aggregate 25mm thick cement concrete 1:2:4, 12mm aggregate for filling haunches, including 20mm cement plaster with a floating coat of neat cement and disposal of surplus earth - 100mm wide x 200mm average depth

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.13323	day
LB0039	Work Supervisor (Lajab)	0.00278	day
LB0051	Mason Gd.2	0.12663	day
LB0053	Plant Operator Gd.3	0.00390	day
LB0077	Labour	0.58430	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00508	day
MP0112	Concrete Vibrator(M/C5)	0.00508	day
MT0043	Sand	0.10040	cu.m

MT0060	Boulder	0.12000	cu.m
MT0068	Crushed Rock - 40mm	0.06230	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.00231	cu.m
MT0145	Cement (OPC / PSC)	0.03084	tonne

DR0031 Constructing random rubble masonry open surface drain in cement mortar 1:6 including earth work in excavation, 100mm thick concrete base 1:5:10, 40 mm aggregate 25mm thick cement concrete 1:2:4, 12mm aggregate for filling haunches, including 20mm cement plaster with a floating coat of neat cement and disposal of surplus earth - 150mm wide x 200mm average depth

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.13467	day
LB0039	Work Supervisor (Lajab)	0.00303	day
LB0051	Mason Gd.2	0.12693	day
LB0053	Plant Operator Gd.3	0.00423	day
LB0077	Labour	0.59996	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00552	day
MP0112	Concrete Vibrator(M/C5)	0.00552	day
MT0043	Sand	0.10333	cu.m
MT0060	Boulder	0.12000	cu.m
MT0068	Crushed Rock - 40mm	0.06675	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.00347	cu.m
MT0145	Cement (OPC / PSC)	0.03202	tonne

DR0032 Constructing random rubble masonry open surface drain in cement mortar 1:6 including earth work in excavation, 100mm thick concrete base 1:5:10, 40 mm aggregate 25mm thick cement concrete 1:2:4, 12mm aggregate for filling haunches, including 20mm cement plaster with a floating coat of neat cement and disposal of surplus earth - 250mm wide x 300mm average depth

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.16311	day
LB0039	Work Supervisor (Lajab)	0.00351	day
LB0051	Mason Gd.2	0.18910	day
LB0053	Plant Operator Gd.3	0.00491	day
LB0077	Labour	0.80736	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00640	day
MP0112	Concrete Vibrator(M/C5)	0.00640	day
MT0043	Sand	0.13512	cu.m
MT0060	Boulder	0.18000	cu.m
MT0068	Crushed Rock - 40mm	0.07565	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.00570	cu.m
MT0145	Cement (OPC / PSC)	0.04145	tonne

DR0033 Constructing random rubble masonry open surface drain in cement mortar 1:6 including earth work in excavation, 100mm thick concrete base 1:5:10, 40 mm aggregate 25mm thick cement concrete 1:2:4, 12mm aggregate for filling haunches, including 20mm cement plaster with a floating coat of neat cement and disposal of surplus earth - 300mm wide x 450mm average depth

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07377	day
LB0039	Work Supervisor (Lajab)	0.00268	day
LB0051	Mason Gd.2	0.61911	day
LB0053	Plant Operator Gd.3	0.00376	day
LB0077	Labour	1.50439	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00490	day
MP0112	Concrete Vibrator(M/C5)	0.00490	day
MT0043	Sand	0.25800	cu.m
MT0060	Boulder	0.60000	cu.m
MT0068	Crushed Rock - 40mm	0.04005	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.02225	cu.m
MT0145	Cement (OPC / PSC)	0.06835	tonne

DR0040	Extra, for additional depth of random rubble masonry drain - 100mm wideper metre additional depth		
		Coefficient for per m	
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.33104
	LB0051	Mason Gd.2	0.61575
	LB0077	Labour	1.81736
	MT0043	Sand	0.27418
	MT0060	Boulder	0.60000
	MT0145	Cement (OPC / PSC)	0.07735
			Units
			day
			day
			day
			cu.m
			cu.m
			tonne
DR0041	Extra, for additional depth of random rubble masonry drain - 150mm wideper metre additional depth		
			Coefficient for per m
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.33104
	LB0051	Mason Gd.2	0.61575
	LB0077	Labour	1.83346
	MT0043	Sand	0.27418
	MT0060	Boulder	0.60000
	MT0145	Cement (OPC / PSC)	0.07735
			Units
			day
			day
			day
			cu.m
			cu.m
			tonne
DR0042	Extra, for additional depth of random rubble masonry drain - 250mm wideper metre additional depth		
			Coefficient for per m
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.33104
	LB0051	Mason Gd.2	0.61575
	LB0077	Labour	1.86567
	MT0043	Sand	0.27418
	MT0060	Boulder	0.60000
	MT0145	Cement (OPC / PSC)	0.07735
			Units
			day
			day
			day
			cu.m
			cu.m
			tonne
DR0088	P&L NP2 class R.C.C pipes, including collars, jointing in cement mortar 1:2 including testing of joints etc. complete - 100mm dia.		
			Coefficient for per m
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.01726
	LB0051	Mason Gd.2	0.01726
	LB0077	Labour	0.06318
	MT0043	Sand	0.00065
	MT0145	Cement (OPC / PSC)	0.00470
	MT0768	NP2 class - 100mm dia	1.00000
	MT0783	NP2 Class Collar - 100mm dia	0.40000
			Units
			day
			day
			day
			cu.m
			tonne
			m
			each
DR0089	P&L NP2 class R.C.C pipes, including collars, jointing in cement mortar 1:2 including testing of joints etc. complete - 150mm dia.		
			Coefficient for per m
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.02109
	LB0051	Mason Gd.2	0.02109
	LB0077	Labour	0.07020
	MT0043	Sand	0.00080
	MT0145	Cement (OPC / PSC)	0.00580
	MT0769	NP2 class - 150mm dia	1.00000
	MT0784	NP2 Class Collar - 150mm dia	0.40000
			Units
			day
			day
			day
			cu.m
			tonne
			m
			each
DR0090	P&L NP2 class R.C.C pipes, including collars, jointing in cement mortar 1:2 including testing of joints etc. complete - 225mm dia.		
			Coefficient for per m
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.05177
	LB0051	Mason Gd.2	0.05177
	LB0077	Labour	0.15184
	MT0043	Sand	0.00120
			Units
			day
			day
			day
			cu.m

MT0145	Cement (OPC / PSC)	0.00090	tonne
MT0770	NP2 class - 225mm dia	1.00000	m
MT0785	NP2 Class Collar - 225mm dia	0.50000	each

DR0091 P&L NP2 class R.C.C pipes, including collars, jointing in cement mortar 1:2 including testing of joints etc. complete - 300mm dia.

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05676	day
LB0051	Mason Gd.2	0.05676	day
LB0077	Labour	0.11934	day
MT0043	Sand	0.00150	cu.m
MT0145	Cement (OPC / PSC)	0.00110	tonne
MT0771	NP2 class - 300mm dia	1.00000	m
MT0786	NP2 Class Collar - 300mm dia	0.40000	each

DR0092 P&L NP2 class R.C.C pipes, including collars, jointing in cement mortar 1:2 including testing of joints etc. complete - 450mm dia.

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07210	day
LB0051	Mason Gd.2	0.07210	day
LB0077	Labour	0.16062	day
MT0043	Sand	0.00330	cu.m
MT0145	Cement (OPC / PSC)	0.00240	tonne
MT0772	NP2 class - 450mm dia	1.00000	m
MT0787	NP2 Class Collar - 450mm dia	0.40000	each

DR0093 P&L NP2 class R.C.C pipes, including collars, jointing in cement mortar 1:2 including testing of joints etc. complete - 600mm dia.

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.08821	day
LB0051	Mason Gd.2	0.08821	day
LB0077	Labour	0.18954	day
MT0043	Sand	0.00430	cu.m
MT0145	Cement (OPC / PSC)	0.00320	tonne
MT0773	NP2 class - 600mm dia	1.00000	m
MT0788	NP2 Class Collar - 600mm dia	0.40000	each

DR0094 P&L NP2 class R.C.C pipes, including collars, jointing in cement mortar 1:2 including testing of joints etc. complete - 750mm dia.

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07823	day
LB0051	Mason Gd.2	0.07823	day
LB0077	Labour	0.24570	day
MT0043	Sand	0.00360	cu.m
MT0145	Cement (OPC / PSC)	0.00260	tonne
MT0774	NP2 class - 750mm dia	1.00000	m
MT0789	NP2 Class Collar - 750mm dia	0.40000	each

DR0095 P&L NP2 class R.C.C pipes, including collars, jointing in cement mortar 1:2 including testing of joints etc. complete - 900mm dia

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.11965	day
LB0051	Mason Gd.2	0.11965	day
LB0077	Labour	0.30713	day
MT0043	Sand	0.00660	cu.m
MT0145	Cement (OPC / PSC)	0.00500	tonne
MT0775	NP2 class - 900mm dia	1.00000	m

MT0790 NP2 Class Collar - 900mm dia 0.40000 each

DR0096 P&L NP2 class R.C.C pipes, including collars, jointing in cement mortar 1:2 including testing of joints etc. complete - 1050mm dia.

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03068	day
LB0051	Mason Gd.2	0.03068	day
LB0077	Labour	0.06880	day
MT0043	Sand	0.00060	cu.m
MT0145	Cement (OPC / PSC)	0.00050	tonne
MT0776	NP2 class - 1050mm dia	1.00000	m
MT0791	NP2 Class Collar - 1050mm dia	0.50000	each

DR0097 P&L NP2 class R.C.C pipes, including collars, jointing in cement mortar 1:2 including testing of joints etc. complete - 1200mm dia.

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03758	day
LB0051	Mason Gd.2	0.03758	day
LB0077	Labour	0.35100	day
MT0043	Sand	0.00080	cu.m
MT0145	Cement (OPC / PSC)	0.00060	tonne
MT0777	NP2 class - 1200mm dia	1.00000	m
MT0792	NP2 Class Collar - 1200mm dia	0.50000	each

DR0220 Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including spigot and socket with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. 450 mm dia RCC pipes.

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.02876	day
LB0051	Mason Gd.2	0.02876	day
LB0077	labourer	0.23082	day
MT0043	Sand	0.00170	cu.m
MT0145	Cement (OPC / PSC)	0.00120	tonne
MT1900	RCC pipe 450 mm dia NP-3 spigot	1.00000	m

DR0221 Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including spigot and socket with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. 600 mm dia RCC pipes.

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03528	day
LB0051	Mason Gd.2	0.03528	day
LB0077	labourer	0.18196	day
MT0043	Sand	0.00220	cu.m
MT0145	Cement (OPC / PSC)	0.00160	tonne
MT1901	RCC pipe 600 mm dia NP-3 spigot	1.00000	m

DR0222 Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including spigot and socket with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. 900 mm dia RCC pipes.

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04794	day
LB0051	Mason Gd.2	0.04794	day
LB0077	labourer	0.29484	day
MT0043	Sand	0.00330	cu.m
MT0145	Cement (OPC / PSC)	0.00250	tonne
MT1902	RCC pipe 900 mm dia NP-3 spigot	1.00000	m

DR0223 Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including spigot and socket with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. 1000 mm dia RCC pipes.

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05216	day
LB0051	Mason Gd.2	0.05216	day
LB0077	labourer	0.40688	day
MT0043	Sand	0.00370	cu.m
MT0145	Cement (OPC / PSC)	0.00280	tonne
MT1903	RCC pipe 1000 mm dia NP-3 spigot & socket	1.00000	m

DR0224 Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including spigot and socket with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. 1200 mm dia RCC pipes.

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.06098	day
LB0051	Mason Gd.2	0.06098	day
LB0077	labourer	0.78680	day
MT0043	Sand	0.00460	cu.m
MT0145	Cement (OPC / PSC)	0.00340	tonne
MT1904	RCC pipe 1200 mm dia NP-3 spigot & socket	1.00000	m

DR0105 Constructing Brick masonry manhole in cement mortar 1:5, R.C.C top slab with 1:2:4 20mm aggregates, foundation concrete 1:4:8 40mm aggregates, 12mm plaster in CM 1:3 finished with floating coat of neat cement and making channels in cement concrete 1:2:4 20mm aggregates, neatly finished complete - Inside dimension 900 x 800mm & 450mm deep including C.I. cover & frame (weight >38kg.)

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.08754	day
LB0033	Carpenter Gd.2	0.18899	day
LB0036	Mason Gd.1	0.20119	day
LB0039	Work Supervisor (Lajab)	0.03567	day
LB0051	Mason Gd.2	0.17569	day
LB0053	Plant Operator Gd.3	0.03973	day
LB0077	Labour	1.99892	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.05180	day
MP0112	Concrete Vibrator(M/C5)	0.05180	day
MT0043	Sand	0.42048	cu.m
MT0068	Crushed Rock - 40mm	0.34710	cu.m
MT0070	Crushed Rock - 20mm	0.31150	cu.m
MT0125	Bricks 2nd class	0.11803	1000#
MT0145	Cement (OPC / PSC)	0.20362	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars (yield strength 500 MPa)	9.58650	kg
MT0325	Ballies 75 to 125mm dia	0.91300	m
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00739	cu.m
MT0751	C.I. manhole cover with frame (light duty) internal dimension 455 x 610mm Total weight of Cover and frame not less than 38 kg. (Cover 23 kg. and frame 15 kg.)	1.00000	each

DR0106 Constructing Brick masonry manhole in cement mortar 1:5, R.C.C top slab with 1:2:4 20mm aggregates, foundation concrete 1:4:8 40mm aggregates, 12mm plaster in CM 1:3 finished with floating coat of neat cement and making channels in cement concrete 1:2:4 20mm aggregates, neatly finished complete - Inside dimension 900 x 800mm & 600mm deep including C.I. cover & frame (weight >38kg.)

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.08754	day
LB0033	Carpenter Gd.2	0.05265	day
LB0036	Mason Gd.1	0.28442	day
LB0039	Work Supervisor (Lajab)	0.03567	day
LB0051	Mason Gd.2	0.20689	day

LB0053	Plant Operator Gd.3	0.03973	day
LB0077	Labour	2.14149	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.05180	day
MP0112	Concrete Vibrator(M/C5)	0.05180	day
MT0043	Sand	0.46044	cu.m
MT0068	Crushed Rock - 40mm	0.34710	cu.m
MT0070	Crushed Rock - 20mm	0.31150	cu.m
MT0125	Bricks 2nd class	0.16687	1000#
MT0145	Cement (OPC / PSC)	0.21778	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars (yield strength 500 MPa)	9.58650	kg
MT0325	Ballies 75 to 125mm dia	0.18480	m
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00594	cu.m
MT0751	C.I. manhole cover with frame (light duty) internal dimension 455 x 610mm Total weight of Cover and frame not less than 38 kg. (Cover 23 kg. and frame 15 kg.)	1.00000	each

DR0107 Constructing Brick masonry manhole in cement mortar 1:5, R.C.C top slab with 1:2:4 20mm aggregates, foundation concrete 1:4:8 40mm aggregates, 12mm plaster in CM 1:3 finished with floating coat of neat cement and making channels in cement concrete 1:2:4 20mm aggregates, neatly finished complete - Inside dimension 1200 x 900mm & 900mm deep including C.I. cover & frame (weight >116kg.)

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.21725	day
LB0033	Carpenter Gd.2	0.10529	day
LB0036	Mason Gd.1	0.56611	day
LB0039	Work Supervisor (Lajab)	0.05062	day
LB0051	Mason Gd.2	0.34270	day
LB0053	Plant Operator Gd.3	0.05584	day
LB0077	Labour	3.70276	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07280	day
MP0112	Concrete Vibrator(M/C5)	0.07280	day
MT0043	Sand	0.72062	cu.m
MT0068	Crushed Rock - 40mm	0.45390	cu.m
MT0070	Crushed Rock - 20mm	0.47170	cu.m
MT0125	Bricks 2nd class	0.32153	1000#
MT0145	Cement (OPC / PSC)	0.33912	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars (yield strength 500 MPa)	23.79300	kg
MT0325	Ballies 75 to 125mm dia	0.36960	m
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.01188	cu.m
MT0752	C.I. manhole cover and frame (medium duty) 500mm internal dia. Total weight of cover and frame not less than 116 kg. (cover 58 kg. and frame 58 kg.)	1.00000	each

DR0115 Extra, for additional depth of manholes - 900 x 800mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.56525	day
LB0051	Mason Gd.2	0.21841	day
LB0077	Labour	1.53772	day
MT0043	Sand	0.27709	cu.m
MT0125	Bricks 2nd class	0.34188	1000#
MT0145	Cement (OPC / PSC)	0.09755	tonne

DR0116 Extra, for additional depth of manholes - 1200 x 900mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.68846	day
LB0051	Mason Gd.2	0.26001	day
LB0077	Labour	1.85011	day

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MT0043	Sand	0.33221	cu.m
MT0125	Bricks 2nd class	0.40700	1000#
MT0145	Cement (OPC / PSC)	0.11758	tonne

CHAPTER 5 :MORTARS

MR0001	Cement mortar 1:1 (1 cement : 1 sand)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.78975	day
	MT0043	Sand	0.71250	cu.m
	MT0145	Cement (OPC / PSC)	1.02000	tonne
MR0002	Cement mortar 1:2 (1 cement : 2 sand)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.78975	day
	MT0043	Sand	0.95000	cu.m
	MT0145	Cement (OPC / PSC)	0.68000	tonne
MR0003	Cement mortar 1:3 (1 cement : 3 sand)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.78975	day
	MT0043	Sand	1.07000	cu.m
	MT0145	Cement (OPC / PSC)	0.51000	tonne
MR0004	Cement mortar 1:4 (1 cement : 4 sand)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.78975	day
	MT0043	Sand	1.07000	cu.m
	MT0145	Cement (OPC / PSC)	0.38000	tonne
MR0005	Cement mortar 1:5 (1 cement : 5 sand)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.78975	day
	MT0043	Sand	1.07000	cu.m
	MT0145	Cement (OPC / PSC)	0.31000	tonne
MR0006	Cement mortar 1:6 (1 cement : 6 sand)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.78975	day
	MT0043	Sand	1.07000	cu.m
	MT0145	Cement (OPC / PSC)	0.25000	tonne
MR0010	Lime mortar 1:2 (1 lime putty : 2 Brick Powder)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	1.18463	day
	MT0120	Slaked lime	270.00000	kg
	MT0127	Graded brick aggregate	0.95000	cu.m
MR0011	Lime Mortar 1:1 :1 (1 Lime putty : 1 Brick Powder : 1 Sand)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	1.01790	day
	MT0121	Unslaked lime	301.00000	kg
	MT0127	Graded brick aggregate	0.47500	cu.m
	MT0043	Sand	0.47500	cu.m

MR0015	Mud mortar			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.79853	day
	MT0042	Mud dry	1.20000	cu.m
MR0020	White Cement mortar 1:2 (1 white cement : 2 sand)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.66690	day
	MT0146	White Cement	0.68400	tonne
	MT0043	sand	0.95000	cu.m
MR0021	White Cement mortar 1:3 (1 white cement : 3 sand)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.66690	day
	MT0146	White Cement	0.51000	tonne
	MT0043	sand	1.07000	cu.m
MR0022	White Cement mortar 1:5 (1 white cement : 5 sand)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.66690	day
	MT0146	White Cement	0.31000	tonne
	MT0043	sand	1.07000	cu.m
MR0025	Cement lime mortar 1:1:3 (1 cement : 1 lime putty : 3 sand)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.98280	day
	MT0145	Cement	0.41000	tonne
	MT0043	sand	0.86000	cu.m
	MT0121	unslaked lime	181.00000	kg
MR0026	Cement lime mortar 1:1:6 (1 cement : 1 lime putty : 3 sand)			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.98280	day
	MT0145	Cement	0.25000	tonne
	MT0043	sand	1.07000	cu.m
	MT0121	unslaked lime	113.00000	kg

CHAPTER 6 : CONCRETE WORK

CW0001 Providing and laying in position plain cement concrete 1:1:2 (1 cement : 1 sand : 2 graded crushed rock 20 mm nominal size) excluding the cost of centering and shuttering - All work upto plinth level.
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04869	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.04869	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.21275	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.45000	cu.m
MT0070	Crushed Rock - 20 mm	0.67500	cu.m
MT0071	Crushed Rock - 12.5 mm - 6 mm	0.22500	cu.m
MT0145	Cement (OPC / PSC)	0.61000	tonne

CW0002 Providing and laying in position plain cement concrete 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size) excluding the cost of centering and shuttering - All work upto plinth level.
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04869	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.04869	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.21275	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.44100	cu.m
MT0070	Crushed Rock - 20 mm	0.66150	cu.m
MT0071	Crushed Rock - 12.5 mm - 6 mm	0.22050	cu.m
MT0145	Cement (OPC / PSC)	0.40300	tonne

CW0003 Providing and laying in position plain cement concrete 1:2:4 (1 cement : 2 sand : 4 crushed rock 20 mm nominal size) excluding the cost of centering and shuttering - All work upto plinth level.
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04869	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.04869	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.21275	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47000	cu.m
MT0070	Crushed Rock - 20 mm	0.70500	cu.m
MT0071	Crushed Rock - 12.5 mm - 6 mm	0.23500	cu.m
MT0145	Cement (OPC / PSC)	0.32130	tonne

CW0004 Providing and laying in position plain cement concrete 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 40 mm nominal size) excluding the cost of centering and shuttering - All work upto plinth level.
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04869	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.04869	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.38985	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47000	cu.m
MT0068	Crushed Rock - 40 mm	0.54400	cu.m
MT0070	Crushed Rock - 20 mm	0.24100	cu.m

MT0071	Crushed Rock - 12.5 mm- 6 mm	0.12600	cu.m
MT0145	Cement (OPC / PSC)	0.32130	tonne

CW0005 Providing and laying in position plain cement concrete 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size) excluding the cost of centering and shuttering - All work upto plinth level.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04869	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.04869	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.38985	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.48500	cu.m
MT0070	Crushed Rock - 20 mm	0.72700	cu.m
MT0071	Crushed Rock - 12.5 mm - 6 mm	0.24200	cu.m
MT0145	Cement (OPC / PSC)	0.22000	tonne

CW0006 Providing and laying in position plain cement concrete 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 40 mm nominal size) excluding the cost of centering and shuttering - All work upto plinth level.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04869	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.04869	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.38985	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.48500	cu.m
MT0068	Crushed Rock - 40 mm	0.67200	cu.m
MT0070	Crushed Rock - 20 mm	0.26200	cu.m
MT0145	Cement (OPC / PSC)	0.22000	tonne

CW0007 Providing and laying in position plain cement concrete 1:3:6 (1 cement : 3 sand : 6 graded gravel/shingles 40 mm nominal size) excluding the cost of centering and shuttering - All work upto plinth level.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04869	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.04869	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.38985	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.48500	cu.m
MT0080	Gravel/Shingles (river stone) 40 mm to 20 mm	0.67200	cu.m
MT0081	Gravel/Shingles (river stone) 20 mm to 10 mm	0.26200	cu.m
MT0145	Cement (OPC / PSC)	0.22000	tonne

CW0008 Providing and laying in position plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed stone 40 mm nominal size) excluding the cost of centering and shuttering - All work upto plinth level.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04869	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.04869	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.09725	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.50000	cu.m
MT0068	Crushed rock 40 mm	0.68830	cu.m

MT0070	Crushed rock 20 mm	0.27500	cu.m
MT0145	Cement (OPC / PSC)	0.17000	tonne

CW0009 Providing and laying in position plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded crushed stone 50 mm nominal size) excluding the cost of centering and shuttering - All work upto plinth level.
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04869	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.04869	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.09725	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.50000	cu.m
MT0067	Crushed rock 50 mm	0.68830	cu.m
MT0070	Crushed rock 20 mm	0.27500	cu.m
MT0145	Cement (OPC / PSC)	0.17000	tonne

CW0010 Providing and laying in position plain cement concrete 1:4:8 (1 cement : 4 sand : 8 graded gravel/shingles 40 mm nominal size) excluding the cost of centering and shuttering - All work upto plinth level.
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04869	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.04869	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.09725	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.50000	cu.m
MT0080	Gravel/Shingles (river stone) 40 mm to 20 mm	0.68830	cu.m
MT0081	Gravel/Shingles (river stone) 20 mm to 10 mm	0.27500	cu.m
MT0145	Cement (OPC / PSC)	0.17000	tonne

CW0011 Providing and laying in position plain cement concrete 1:5:10 (1 cement : 5 sand : 10 graded crushed stone 40 mm nominal size) excluding the cost of centering and shuttering - All work upto plinth level.
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04869	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.04869	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.09725	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47500	cu.m
MT0068	Crushed rock 40 mm	0.66230	cu.m
MT0070	Crushed rock 20 mm	0.25830	cu.m
MT0145	Cement (OPC / PSC)	0.13100	tonne

CW0012 Providing and laying in position plain cement concrete 1:5:10 (1 cement : 5 sand : 10 graded crushed stone 50 mm nominal size) excluding the cost of centering and shuttering - All work upto plinth level.
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04869	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.04869	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.05875	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day

MT0043	Sand	0.47500	cu.m
MT0067	Crushed rock 50 mm	0.66230	cu.m
MT0070	Crushed rock 20 mm	0.25830	cu.m
MT0145	Cement (OPC / PSC)	0.13100	tonne

CW0013 Providing and laying in position plain cement concrete 1:5:10 (1 cement : 5 sand : 10 graded gravel/shingles 40 mm nominal size) excluding the cost of centering and shuttering - All work upto plinth level.
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04869	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.04869	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.05875	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47500	cu.m
MT0080	Gravel/Shingles (river stone) 40 mm to 20 mm	0.66230	cu.m
MT0081	Gravel/Shingles (river stone) 20 mm to 10 mm	0.25830	cu.m
MT0145	Cement (OPC / PSC)	0.13100	tonne

CW0020 Providing and laying in position plain cement concrete 1:1:2 (1 cement : 1 sand : 2 graded crushed rock 20 mm nominal size) in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. upto floor five level. excluding the cost of centering and shuttering
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07011	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.07011	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	2.08285	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.45000	cu.m
MT0070	Crushed Rock - 20 mm	0.67500	cu.m
MT0071	Crushed Rock - 12.5 mm - 6 mm	0.22500	cu.m
MT0145	Cement (OPC / PSC)	0.61000	tonne

CW0021 Providing and laying in position plain cement concrete 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size) in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. upto floor five level. excluding the cost of centering and shuttering
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07011	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.07011	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	2.08285	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.44100	cu.m
MT0070	Crushed Rock - 20 mm	0.66200	cu.m
MT0071	Crushed Rock - 12.5 mm - 6mm	0.22100	cu.m
MT0145	Cement (OPC / PSC)	0.40300	tonne

CW0022 Providing and laying in position plain cement concrete 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size) in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. upto floor five level. excluding the cost of centering and shuttering
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07011	day

LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.07011	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	2.08285	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47000	cu.m
MT0070	Crushed Rock - 20 mm	0.70500	cu.m
MT0071	Crushed Rock - 12.5 mm - 6mm	0.23500	cu.m
MT0145	Cement (OPC / PSC)	0.32130	tonne

CW0023 Providing and laying in position plain cement concrete 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 40 mm nominal size) in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. upto floor five level, excluding the cost of centering and shuttering
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07011	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.07011	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	2.08285	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47000	cu.m
MT0068	Crushed Rock - 40 mm	0.54400	cu.m
MT0070	Crushed Rock - 20 mm	0.24100	cu.m
MT0071	Crushed Rock - 12.5 mm - 6mm	0.12500	cu.m
MT0145	Cement (OPC / PSC)	0.32130	tonne

CW0024 Providing and laying in position plain cement concrete 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size) in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. upto floor five level, excluding the cost of centering and shuttering
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07011	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.07011	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	2.08285	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.48500	cu.m
MT0070	Crushed Rock - 20 mm	0.72700	cu.m
MT0071	Crushed Rock - 12.5 mm - 6mm	0.24200	cu.m
MT0145	Cement (OPC / PSC)	0.22000	tonne

CW0025 Providing and laying in position plain cement concrete 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 40 mm nominal size) in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. upto floor five level, excluding the cost of centering and shuttering
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07011	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.07011	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	2.08285	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.48500	cu.m
MT0068	Crushed Rock - 40 mm	0.67200	cu.m
MT0070	Crushed Rock - 20 mm	0.26200	cu.m
MT0145	Cement (OPC / PSC)	0.22000	tonne

- CW0026 Providing and laying in position plain cement concrete 1:3:6 (1 cement : 3 sand : 6 graded gravel/shingles 40 mm nominal size) in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. upto floor five level, excluding the cost of centering and shuttering**
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07011	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.07011	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	2.08285	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.48500	cu.m
MT0080	Gravel/Shingles (river stone) 40 mm to 20 mm	0.67200	cu.m
MT0081	Gravel/Shingles (river stone) 20 mm to 10 mm	0.26200	cu.m
MT0145	Cement (OPC / PSC)	0.22000	tonne

- CW0050 Providing and fixing upto floor five level pre-cast cement concrete lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, staircases etc. including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 sand) cost of required formwork and finishing smooth with 6 mm thick cement plaster on exposed surface complete - 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)**
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03895	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.03895	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	4.22730	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.50670	cu.m
MT0070	Crushed Rock - 20 mm	0.70500	cu.m
MT0071	Crushed Rock - 12.5 mm - 6mm	0.23500	cu.m
MT0145	Cement (OPC / PSC)	0.38000	tonne

- CW0051 Providing and fixing upto floor five level pre-cast cement concrete lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, staircases etc. including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 sand) cost of required formwork and finishing smooth with 6 mm thick cement plaster on exposed surface complete - 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size)**
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03895	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.03895	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	4.22730	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.61170	cu.m
MT0070	Crushed Rock - 20 mm	0.72700	cu.m
MT0071	Crushed Rock - 12.5 mm - 6mm	0.24200	cu.m
MT0145	Cement (OPC / PSC)	0.28000	tonne

- CW0060 Providing and fixing at or near ground level pre-cast cement concrete in kerbs, edgings etc. as per approval pattern and setting in position with cement mortar 1:3 (1 cement : 3 sand) cost of required formwork and finishing smooth with 6 mm thick cement plaster on exposed surface complete - 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)**
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.27265	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.27265	day
LB0053	Plant Operator Gd.3	0.05453	day

LB0077	Labour	3.21475	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.55820	cu.m
MT0070	Crushed Rock - 20 mm	0.70500	cu.m
MT0071	Crushed Rock - 12.5 mm - 6 mm	0.23500	cu.m
MT0145	Cement (OPC / PSC)	0.36200	tonne

CW0070 Providing and fixing upto floor five level pre-cast cement concrete solid block including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 sand) including the cost of required formwork and finishing smooth with 6 mm thick cement plaster on exposed surface complete - 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.29213	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.29213	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	3.59975	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.66530	cu.m
MT0070	Crushed Rock - 20 mm	0.70500	cu.m
MT0071	Crushed Rock - 12.5 mm - 6mm	0.23500	cu.m
MT0145	Cement (OPC / PSC)	0.41300	tonne

CW0071 Providing and fixing upto floor five level pre-cast cement concrete solid block including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 sand) including the cost of required formwork and finishing smooth with 6 mm thick cement plaster on exposed surface complete - 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size)

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.29213	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.29213	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	3.59975	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.68030	cu.m
MT0070	Crushed Rock - 20 mm	0.72700	cu.m
MT0071	Crushed Rock - 12.5 mm - 6mm	0.24200	cu.m
MT0145	Cement (OPC / PSC)	0.31300	tonne

CW0080 Providing and fixing upto floor five level pre-cast cement concrete hollow block including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 sand) including the cost of required formwork and finishing smooth with 6 mm thick cement plaster on exposed surface complete - 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.29213	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.29213	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	2.84900	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.37570	cu.m
MT0070	Crushed Rock - 20 mm	0.42300	cu.m
MT0071	Crushed Rock - 12.5 mm - 6mm	0.14100	cu.m
MT0145	Cement (OPC / PSC)	0.23660	tonne

CW0081 Providing and fixing upto floor five level pre-cast cement concrete hollow block including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 sand) including the cost of required formwork and finishing smooth with 6 mm thick cement plaster on exposed surface complete - 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size)

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.29213	day
LB0039	Work Supervisor (Lajab)	0.03895	day
LB0051	Mason Gd.2	0.29213	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	2.84900	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.37570	cu.m
MT0070	Crushed Rock - 20 mm	0.43620	cu.m
MT0071	Crushed Rock - 12.5 mm - 6 mm	0.14520	cu.m
MT0145	Cement (OPC / PSC)	0.17660	tonne

CW0090 Providing and laying lime concrete, with graded stone aggregate of 40 mm and 40 % mortar comprising of 1:1:1 lime mortar, in footings and bases for columns excluding cost of formwork

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03116	day
LB0051	Mason Gd.2	0.03116	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.07800	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0068	Crushed Rock - 40 mm	0.94000	cu.m
MR0011	Lime mortar	0.40000	cu.m

CW0091 Providing and laying lime concrete, with graded brick aggregate of 40 mm and 40 % mortar comprising of 1:1:1 lime mortar, in footings and bases for columns excluding cost of formwork

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03116	day
LB0051	Mason Gd.2	0.03116	day
LB0053	Plant Operator Gd.3	0.05453	day
LB0077	Labour	1.07800	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0127	Graded brick aggregates	0.94000	cu.m
MR0011	Lime mortar	0.40000	cu.m

CW0095 Providing and laying in position plum concrete (concrete M15- 60% and boulder - 40%) excluding the cost of centering and shuttering - All work upto plinth level

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.02921	day
LB0039	Work Supervisor (Lajab)	0.02337	day
LB0051	Mason Gd.2	0.19182	day
LB0053	Plant Operator Gd.3	0.03272	day
LB0077	labourer	0.87647	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.042	day
MP0112	Concrete Vibrator(M/C5)	0.042	day
MT0043	Sand	0.282	cu.m
MT0070	Crushed Rock - 20 mm	0.423	cu.m
MT0071	Crushed Rock - 12.5 mm - 6 mm	0.141	cu.m
MT0145	Cement (OPC / PSC)	0.19278	tonne
MT0060	Boulder	0.4	cu.m

CW0135 Extra for cement concrete work in super-structure above floor five level for each four floors or part thereof

8% of the rates worked out for upto five floors

CW0136 Extra for laying cement concrete work in or under water, mud, including the cost of pumping or bailing out water and removing slush etc. complete - per metre depth (concrete not leaner than 1:2:4)
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	0.91669	day
MP0171	Water pump AVI type	0.08930	day
MT0145	Cement (OPC / PSC)	0.02200	tonne

CW0137 Extra for cement concrete work under foul conditions
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	1.30900	day
LB0036	Mason Gd 1	0.23370	day

CW0140 Extra for laying cement concrete work - Providing and mixing water-proofing materials in in the proportion 12 kg/cu.m or as prescribed by the manufacturer
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	0.03211	day
MT0151	Water proofing compound	12.00000	kg

CHAPTER 7:DAMP-PROOFING

DP0001 Providing and laying damp-proof course with cement concrete 1:2:4, 12.5mm aggregate - 25mm thick
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03955	day
LB0039	Work Supervisor (Lajab)	0.00096	day
LB0051	Mason Gd.2	0.03955	day
LB0053	Plant Operator Gd.3	0.00134	day
LB0077	Labour	0.03883	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00175	day
MP0112	Concrete Vibrator(M/C5)	0.00175	day
MT0043	Sand	0.01113	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.02225	cu.m
MT0145	Cement (OPC / PSC)	0.00803	tonne

DP0002 Providing and laying damp-proof course with cement concrete 1:2:4, 12.5mm aggregate - 40mm thick
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04027	day
LB0039	Work Supervisor (Lajab)	0.00153	day
LB0051	Mason Gd.2	0.04027	day
LB0053	Plant Operator Gd.3	0.00215	day
LB0077	Labour	0.06213	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00280	day
MP0112	Concrete Vibrator(M/C5)	0.00280	day
MT0043	Sand	0.01780	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.03560	cu.m
MT0145	Cement (OPC / PSC)	0.01285	tonne

DP0010 Providing and laying damp-proof course with cement concrete 1:2:4, 20mm aggregate - 50mm thick
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04075	day
LB0039	Work Supervisor (Lajab)	0.00192	day
LB0051	Mason Gd.2	0.04075	day
LB0053	Plant Operator Gd.3	0.00268	day
LB0077	Labour	0.07766	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00350	day
MP0112	Concrete Vibrator(M/C5)	0.00350	day
MT0043	Sand	0.02225	cu.m
MT0070	Crushed Rock - 20mm	0.04450	cu.m
MT0145	Cement (OPC / PSC)	0.01606	tonne

DP0015 Applying a coat of hot bitumen (maxphalt VG - 10 or equivalent) using 1.7 kg per sq.m including the surface cleaning
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.10530	day
MT0001	Bitumen VG - 10	0.00170	tonne
MT0035	Kerosene	0.12300	litre

DP0020 Providing and laying moisture barrier using plastic sheeting underlay - 200 micro-metre
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.02373	day
MT0155	Plastic Sheet - 200 micro-metre	1.05000	sq.m

DP0030 Providing and laying Bitumen felt Type 3 in wall bases etc - Grade 2

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.02808	day
MT0006	Bitumen felt Type 3 - Grade 2	1.05000	sq.m

CHAPTER 8: REINFORCED CONCRETE

RC0001 P&L in position reinforced cement concrete 1:1:2 (1 cement : 1 sand : 2 graded crushed rock 20 mm nominal size) excluding the cost of centering, shuttering and reinforcement - all work upto plinth level
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07583	day
LB0039	Work Supervisor (Lajab)	0.07077	day
LB0051	Mason Gd.2	0.07583	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.18125	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.45000	cu.m
MT0070	Crushed Rock - 20mm	0.67500	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22500	cu.m
MT0145	Cement (OPC / PSC)	0.61000	tonne

RC0002 P&L in position reinforced cement concrete 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size) excluding the cost of centering, shuttering and reinforcement - all work upto plinth level
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07583	day
LB0039	Work Supervisor (Lajab)	0.07077	day
LB0051	Mason Gd.2	0.07583	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.18125	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.44100	cu.m
MT0070	Crushed Rock - 20mm	0.66150	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22050	cu.m
MT0145	Cement (OPC / PSC)	0.40300	tonne

RC0003 P&L in position reinforced cement concrete 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size) excluding the cost of centering, shuttering and reinforcement - all work upto plinth level
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07583	day
LB0039	Work Supervisor (Lajab)	0.07077	day
LB0051	Mason Gd.2	0.07583	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.18125	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47000	cu.m
MT0070	Crushed Rock - 20mm	0.70500	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.23500	cu.m
MT0145	Cement (OPC / PSC)	0.32130	tonne

RC0005 P&L in position reinforced cement concrete 1:1:2 (1 cement : 1 sand : 2 graded crushed rock 20 mm nominal size) work in walls (any thickness) including attached pilasters buttresses, piers, abutments etc. upto floor five level excluding the cost of centering, shuttering and reinforcement.
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05055	day
LB0039	Work Supervisor (Lajab)	0.05055	day
LB0051	Mason Gd.2	0.05055	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.25625	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.45000	cu.m
MT0070	Crushed Rock - 20mm	0.67500	cu.m

MT0071	Crushed Rock - 12.5mm - 6 mm	0.22500	cu.m
MT0145	Cement (OPC / PSC)	0.61000	tonne

RC0006 P&L in position reinforced cement concrete 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size) work in walls (any thickness) including attached pilasters buttresses, piers, abutments, etc. upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05055	day
LB0039	Work Supervisor (Lajab)	0.05055	day
LB0051	Mason Gd.2	0.05055	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.25625	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.44100	cu.m
MT0070	Crushed Rock - 20mm	0.66150	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22050	cu.m
MT0145	Cement (OPC / PSC)	0.40300	tonne

RC0007 P&L in position reinforced cement concrete 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size) work in walls (any thickness) including attached pilasters buttresses, piers, abutments, etc. upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05055	day
LB0039	Work Supervisor (Lajab)	0.05055	day
LB0051	Mason Gd.2	0.05055	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.18125	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47000	cu.m
MT0070	Crushed Rock - 20mm	0.70500	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.23500	cu.m
MT0145	Cement (OPC / PSC)	0.32130	tonne

RC0009 P&L in position reinforced cement concrete 1:1:2 (1 cement : 1 sand : 2 graded crushed rock 20 mm nominal size) work in plinth and skirting courses, fillets, columns , pillars, posts and struts upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05055	day
LB0039	Work Supervisor (Lajab)	0.05055	day
LB0051	Mason Gd.2	0.05055	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.42125	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.45000	cu.m
MT0070	Crushed Rock - 20mm	0.67500	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22500	cu.m
MT0145	Cement (OPC / PSC)	0.61000	tonne

RC0010 P&L in position reinforced cement concrete 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size) work in plinth and skirting courses, fillets, columns , pillars, posts and struts upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05055	day
LB0039	Work Supervisor (Lajab)	0.05055	day
LB0051	Mason Gd.2	0.05055	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.42125	day

MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.44100	cu.m
MT0070	Crushed Rock - 20mm	0.66150	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22050	cu.m
MT0145	Cement (OPC / PSC)	0.40300	tonne

RC0011 P&L in position reinforced cement concrete 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size) work in plinth and skirting courses, fillets, columns , pillars, posts and struts upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05055	day
LB0039	Work Supervisor (Lajab)	0.05055	day
LB0051	Mason Gd.2	0.05055	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.42125	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47000	cu.m
MT0070	Crushed Rock - 20mm	0.70500	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.23500	cu.m
MT0145	Cement (OPC / PSC)	0.32130	tonne

RC0013 P&L in position reinforced cement concrete 1:1:2 (1 cement : 1 sand : 2 graded crushed rock 20 mm nominal size) work in suspended floor, roofs having slope upto 15degree, landings, balconies, shelves and chajjas upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.12638	day
LB0039	Work Supervisor (Lajab)	0.10110	day
LB0051	Mason Gd.2	0.12638	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.46250	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.45000	cu.m
MT0070	Crushed Rock - 20mm	0.67500	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22500	cu.m
MT0145	Cement (OPC / PSC)	0.61000	tonne

RC0014 P&L in position reinforced cement concrete 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size) work in suspended floor, roofs having slope upto 15 degree, landings, balconies, shelves and chajjas upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.12638	day
LB0039	Work Supervisor (Lajab)	0.10110	day
LB0051	Mason Gd.2	0.12638	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.46250	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.44100	cu.m
MT0070	Crushed Rock - 20mm	0.66150	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22050	cu.m
MT0145	Cement (OPC / PSC)	0.40300	tonne

RC0015 P&L in position reinforced cement concrete 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size) work in suspended floor, roofs having slope upto 15 degree, landings, balconies, shelves and chajjas upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.12638	day

LB0039	Work Supervisor (Lajab)	0.10110	day
LB0051	Mason Gd.2	0.12638	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.46250	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47000	cu.m
MT0070	Crushed Rock - 20mm	0.70500	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.23500	cu.m
MT0145	Cement (OPC / PSC)	0.32130	tonne

RC0017 P&L in position reinforced cement concrete 1:1:2 (1 cement : 1 sand : 2 graded crushed rock 20 mm nominal size) work in beams, lintels, bands, plain window sills, staircases, spiral staircases upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07077	day
LB0039	Work Supervisor (Lajab)	0.07077	day
LB0051	Mason Gd.2	0.07077	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.33125	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.45000	cu.m
MT0070	Crushed Rock - 20mm	0.67500	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22500	cu.m
MT0145	Cement (OPC / PSC)	0.61000	tonne

RC0018 P&L in position reinforced cement concrete 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size) work in beams, lintels, bands, plain window sills, staircases, spiral staircases upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07077	day
LB0039	Work Supervisor (Lajab)	0.07077	day
LB0051	Mason Gd.2	0.07077	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.33125	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.44100	cu.m
MT0070	Crushed Rock - 20mm	0.66150	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22050	cu.m
MT0145	Cement (OPC / PSC)	0.40300	tonne

RC0019 P&L in position reinforced cement concrete 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size) work in beams, lintels, bands, plain window sills, staircases, spiral staircases upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07077	day
LB0039	Work Supervisor (Lajab)	0.07077	day
LB0051	Mason Gd.2	0.07077	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.33125	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47000	cu.m
MT0070	Crushed Rock - 20mm	0.70500	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.23500	cu.m
MT0145	Cement (OPC / PSC)	0.32130	tonne

RC0020 P&L in position reinforced cement concrete 1:1:2 (1 cement : 1 sand : 2 graded crushed rock 20 mm nominal size) work in kerbs, steps and the like upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07077	day
LB0039	Work Supervisor (Lajab)	0.07077	day
LB0051	Mason Gd.2	0.07077	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.33125	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.45000	cu.m
MT0070	Crushed Rock - 20mm	0.67500	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22500	cu.m
MT0145	Cement (OPC / PSC)	0.61000	tonne

RC0021 P&L in position reinforced cement concrete 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size) work in kerbs, steps and the like upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07077	day
LB0039	Work Supervisor (Lajab)	0.07077	day
LB0051	Mason Gd.2	0.07077	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.33125	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.44100	cu.m
MT0070	Crushed Rock - 20mm	0.66150	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22050	cu.m
MT0145	Cement (OPC / PSC)	0.40300	tonne

RC0022 P&L in position reinforced cement concrete 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size) work in kerbs, steps and the like upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07077	day
LB0039	Work Supervisor (Lajab)	0.07077	day
LB0051	Mason Gd.2	0.07077	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	1.33125	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47000	cu.m
MT0070	Crushed Rock - 20mm	0.70500	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.23500	cu.m
MT0145	Cement (OPC / PSC)	0.32130	tonne

RC0023 P&L in position reinforced cement concrete 1:1:2 (1 cement : 1 sand : 2 graded crushed rock 20 mm nominal size) work in arches and arch ribs upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.50550	day
LB0039	Work Supervisor (Lajab)	0.10110	day
LB0051	Mason Gd.2	0.50550	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	3.60000	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day

MT0043	Sand	0.45000	cu.m
MT0070	Crushed Rock - 20mm	0.67500	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22500	cu.m
MT0145	Cement (OPC / PSC)	0.61000	tonne

RC0024 P&L in position reinforced cement concrete 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size) work in arches and arch ribs upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.50550	day
LB0039	Work Supervisor (Lajab)	0.10110	day
LB0051	Mason Gd.2	0.50550	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	3.60000	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.44100	cu.m
MT0070	Crushed Rock - 20mm	0.66150	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22050	cu.m
MT0145	Cement (OPC / PSC)	0.40300	tonne

RC0025 P&L in position reinforced cement concrete 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size) work in arches and arch ribs upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.50550	day
LB0039	Work Supervisor (Lajab)	0.10110	day
LB0051	Mason Gd.2	0.50550	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	3.60000	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47000	cu.m
MT0070	Crushed Rock - 20mm	0.70500	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.23500	cu.m
MT0145	Cement (OPC / PSC)	0.32130	tonne

RC0026 P&L in position reinforced cement concrete 1:1:2 (1 cement : 1 sand : 2 graded crushed rock 20 mm nominal size) work in domes, vaults, shells folded plates and roofs having more than 15 degree, upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37913	day
LB0039	Work Supervisor (Lajab)	0.10110	day
LB0051	Mason Gd.2	0.37913	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	3.56250	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.45900	cu.m
MT0070	Crushed Rock - 20mm	0.68850	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.25950	cu.m
MT0145	Cement (OPC / PSC)	0.62220	tonne

RC0027 P&L in position reinforced cement concrete 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size) work in domes, vaults, shells folded plates and roofs having more than 15 degree, upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37913	day
LB0039	Work Supervisor (Lajab)	0.10110	day

LB0051	Mason Gd.2	0.37913	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	3.56250	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.45000	cu.m
MT0070	Crushed Rock - 20mm	0.67300	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.22500	cu.m
MT0145	Cement (OPC / PSC)	0.41111	tonne

RC0028 P&L in position reinforced cement concrete 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size) work in domes, vaults, shells folded plates and roofs having more than 15 degree, upto floor five level excluding the cost of centering, shuttering and reinforcement.

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37913	day
LB0039	Work Supervisor (Lajab)	0.10110	day
LB0051	Mason Gd.2	0.37913	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	3.56250	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47940	cu.m
MT0070	Crushed Rock - 20mm	0.71910	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.23970	cu.m
MT0145	Cement (OPC / PSC)	0.32770	tonne

RC0029 P&L in position reinforced cement concrete 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size) work in vertical and horizontal fins individually or forming box louvers, fascias and eaves boards - upto floor five level excluding the cost of centering, shuttering and reinforcement

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.02426	day
LB0039	Work Supervisor (Lajab)	0.10110	day
LB0051	Mason Gd.2	0.02426	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	2.46000	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.47600	cu.m
MT0070	Crushed Rock - 20mm	0.95200	cu.m
MT0145	Cement (OPC / PSC)	0.40300	tonne

RC0030 Bhutan type Traditional Cornices in R.C.C 1:1.5:3, 20 mm aggregate including cost of formwork including finishing with 6mm thick plaster on the exposed surface with cement mortar 1:3 (1 cement : 3 sand) as per standard design excluding cost of reinforcement & decorative painting. - Single Storeyed building, including
Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.75825	day
LB0033	Carpenter Gd.2	0.42110	day
LB0036	Mason Gd.1	0.53535	day
LB0039	Work Supervisor (Lajab)	0.20586	day
LB0051	Mason Gd.2	0.28260	day
LB0053	Plant Operator Gd.3	0.00256	day
LB0077	Labour	1.55076	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00253	day
MP0112	Concrete Vibrator(M/C5)	0.00253	day
MT0043	Sand	0.02008	cu.m
MT0070	Crushed Rock - 20mm	0.03077	cu.m
MT0145	Cement (OPC / PSC)	0.01683	tonne
MT0325	Ballies 75 to 125mm dia	0.46410	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.00734	cu.m

RC0031 Bhutan type Traditional Cornices in R.C.C 1:1.5:3, 20 mm aggregate including cost of formwork including finishing with 6mm thick plaster on the exposed surface with cement mortar 1:3 (1 cement : 3 sand) as per standrad design excluding cost of reinforcement & decorative painting. - Multi-Storeyed building..at floor 2 level including the cost of lhanglag and at other floors where Lhanglag is provided

Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.75825	day
LB0033	Carpenter Gd.2	0.40458	day
LB0036	Mason Gd.1	0.53449	day
LB0039	Work Supervisor (Lajab)	0.25637	day
LB0051	Mason Gd.2	0.28174	day
LB0053	Plant Operator Gd.3	0.00254	day
LB0077	Labour	1.57991	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00251	day
MP0112	Concrete Vibrator(M/C5)	0.00251	day
MT0043	Sand	0.01976	cu.m
MT0070	Crushed Rock - 20mm	0.03043	cu.m
MT0145	Cement (OPC / PSC)	0.01659	tonne
MT0325	Ballies 75 to 125mm dia	0.44590	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.00706	cu.m

RC0032 Bhutan type Traditional Cornices in R.C.C 1:1.5:3, 20 mm aggregate including cost of formwork including finishing with 6mm thick plaster on the exposed surface with cement mortar 1:3 (1 cement : 3 sand) as per standrad design excluding cost of reinforcement & decorative painting . - Multi-Storeyed building.. at all middle floor levels (excluding the cost of phana)

Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.75825	day
LB0033	Carpenter Gd.2	0.69522	day
LB0036	Mason Gd.1	0.55911	day
LB0039	Work Supervisor (Lajab)	0.26109	day
LB0051	Mason Gd.2	0.30636	day
LB0053	Plant Operator Gd.3	0.00584	day
LB0077	Labour	1.81692	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00578	day
MP0112	Concrete Vibrator(M/C5)	0.00578	day
MT0043	Sand	0.04309	cu.m
MT0070	Crushed Rock - 20mm	0.07013	cu.m
MT0145	Cement (OPC / PSC)	0.03707	tonne
MT0325	Ballies 75 to 125mm dia	0.76622	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.01212	cu.m

RC0033 Bhutan type Traditional Cornices in R.C.C 1:1.5:3, 20 mm aggregate including cost of formwork including finishing with 6mm thick plaster on the exposed surface with cement mortar 1:3 (1 cement : 3 sand) as per standrad design excluding cost of reinforcement & decorative painting . - Phana

Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.50550	day
LB0033	Carpenter Gd.2	0.09628	day
LB0036	Mason Gd.1	0.52260	day
LB0039	Work Supervisor (Lajab)	0.25343	day
LB0051	Mason Gd.2	0.01710	day
LB0053	Plant Operator Gd.3	0.00048	day
LB0077	Labour	1.02451	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00047	day
MP0112	Concrete Vibrator(M/C5)	0.00047	day
MT0043	Sand	0.00587	cu.m
MT0070	Crushed Rock - 20mm	0.00569	cu.m
MT0145	Cement (OPC / PSC)	0.00414	tonne
MT0325	Ballies 75 to 125mm dia	0.10611	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.00168	cu.m

RC0034 Bhutan type Traditional Cornices in R.C.C 1:1.5:3, 20 mm aggregate including cost of formwork including finishing with 6mm thick plaster on the exposed surface with cement mortar 1:3 (1 cement : 3 sand) as per standrad design excluding cost of reinforcement & decorative painting . - Lintel Cornice (only cornice portion
Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.50550	day
LB0033	Carpenter Gd.2	0.20642	day
LB0036	Mason Gd.1	0.26286	day
LB0039	Work Supervisor (Lajab)	0.15311	day
LB0051	Mason Gd.2	0.51561	day
LB0053	Plant Operator Gd.3	0.00102	day
LB0077	Labour	0.68037	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00101	day
MP0112	Concrete Vibrator(M/C5)	0.00101	day
MT0043	Sand	0.00766	cu.m
MT0070	Crushed Rock - 20mm	0.01224	cu.m
MT0145	Cement (OPC / PSC)	0.00654	tonne
MT0325	Ballies 75 to 125mm dia	0.22750	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.00360	cu.m

RC0040 Bhutan type Traditional Cornices in R.C.C 1:2:4, 20 mm aggregate including cost of formwork including finishing with 6mm thick plaster on the exposed surface with cement mortar 1:3 (1 cement : 3 sand) as per standrad design excluding cost of reinforcement & decorative painting . - Single Storeyed building, including
Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.75825	day
LB0033	Carpenter Gd.2	0.42110	day
LB0036	Mason Gd.1	0.53535	day
LB0039	Work Supervisor (Lajab)	0.20586	day
LB0051	Mason Gd.2	0.28260	day
LB0053	Plant Operator Gd.3	0.00256	day
LB0077	Labour	1.55076	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00253	day
MP0112	Concrete Vibrator(M/C5)	0.00253	day
MT0043	Sand	0.02081	cu.m
MT0070	Crushed Rock - 20mm	0.03222	cu.m
MT0145	Cement (OPC / PSC)	0.01387	tonne
MT0325	Ballies 75 to 125mm dia	0.46410	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.00734	cu.m

RC0041 Bhutan type Traditional Cornices in R.C.C 1:2:4, 20 mm aggregate including cost of formwork including finishing with 6mm thick plaster on the exposed surface with cement mortar 1:3 (1 cement : 3 sand) as per standrad design excluding cost of reinforcement & decorative painting . - Multi-Storeyed building..at floor 2 level and at other floors where lhanglag is provided including the cost of lhanglag
Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.75825	day
LB0033	Carpenter Gd.2	0.40458	day
LB0036	Mason Gd.1	0.53449	day
LB0039	Work Supervisor (Lajab)	0.25637	day
LB0051	Mason Gd.2	0.28174	day
LB0053	Plant Operator Gd.3	0.00254	day
LB0077	Labour	1.57991	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00251	day
MP0112	Concrete Vibrator(M/C5)	0.00251	day
MT0043	Sand	0.02048	cu.m
MT0070	Crushed Rock - 20mm	0.03186	cu.m
MT0145	Cement (OPC / PSC)	0.01367	tonne
MT0325	Ballies 75 to 125mm dia	0.44590	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.00706	cu.m

RC0042 Bhutan type Traditional Cornices in R.C.C 1:2:4, 20 mm aggregate including cost of formwork including finishing with 6mm thick plaster on the exposed surface with cement mortar 1:3 (1 cement : 3 sand) as per standrad design excluding cost of reinforcement & decorative painting . - Multi-Storeyed building.. at all middle floor levels (excluding the cost of nhana)

Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.75825	day
LB0033	Carpenter Gd.2	0.69522	day
LB0036	Mason Gd.1	0.55911	day
LB0039	Work Supervisor (Lajab)	0.26109	day
LB0051	Mason Gd.2	0.30636	day
LB0053	Plant Operator Gd.3	0.00584	day
LB0077	Labour	1.81692	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00578	day
MP0112	Concrete Vibrator(M/C5)	0.00578	day
MT0043	Sand	0.04474	cu.m
MT0070	Crushed Rock - 20mm	0.07343	cu.m
MT0145	Cement (OPC / PSC)	0.03033	tonne
MT0325	Ballies 75 to 125mm dia	0.76622	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.01212	cu.m

RC0043 Bhutan type Traditional Cornices in R.C.C 1:2:4, 20 mm aggregate including cost of formwork including finishing with 6mm thick plaster on the exposed surface with cement mortar 1:3 (1 cement : 3 sand) as per standrad design excluding cost of reinforcement & decorative painting . - Phana

Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.50550	day
LB0033	Carpenter Gd.2	0.09628	day
LB0036	Mason Gd.1	0.52260	day
LB0039	Work Supervisor (Lajab)	0.25343	day
LB0051	Mason Gd.2	0.01710	day
LB0053	Plant Operator Gd.3	0.00048	day
LB0077	Labour	1.02451	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00047	day
MP0112	Concrete Vibrator(M/C5)	0.00047	day
MT0043	Sand	0.00600	cu.m
MT0070	Crushed Rock - 20mm	0.00596	cu.m
MT0145	Cement (OPC / PSC)	0.00359	tonne
MT0325	Ballies 75 to 125mm dia	0.10611	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.00168	cu.m

RC0044 Bhutan type Traditional Cornices in R.C.C 1:2:4, 20 mm aggregate including cost of formwork including finishing with 6mm thick plaster on the exposed surface with cement mortar 1:3 (1 cement : 3 sand) as per standrad design excluding cost of reinforcement & decorative painting . - Lintel cornice (only cornice portion)

Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.50550	day
LB0033	Carpenter Gd.2	0.20642	day
LB0036	Mason Gd.1	0.26286	day
LB0039	Work Supervisor (Lajab)	0.15311	day
LB0051	Mason Gd.2	0.51561	day
LB0053	Plant Operator Gd.3	0.00102	day
LB0077	Labour	0.68037	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00101	day
MP0112	Concrete Vibrator(M/C5)	0.00101	day
MT0043	Sand	0.00795	cu.m
MT0070	Crushed Rock - 20mm	0.01282	cu.m
MT0145	Cement (OPC / PSC)	0.00536	tonne
MT0325	Ballies 75 to 125mm dia	0.22750	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.00360	cu.m

RC0050	Applying cement slurry on R.C.C slabs using 2.75 kg per sq.m for receiving C.C. floor including roughening, cleaning & dampen the surface			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.02325	day
	MT0145	Cement (OPC / PSC)	0.00275	tonne
RC0051	Extra for R.C.C work above floor 5 level for every four floors or part thereof, excluding cost of reinforcement			
		8% of respective rates per cu.m		
RC0052	Extra, for rendering in cement mortar 1:2, the top of suspended floors/landings/staircase treads and risers			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.02528	day
	LB0051	Mason Gd.2	0.02528	day
	LB0077	Labour	0.02601	day
	MT0043	Sand	0.00285	cu.m
	MT0145	Cement (OPC / PSC)	0.00204	tonne
RC0053	Rendering smooth finishing of the exposed surface with 6mm thick C.M 1:3			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.04145	day
	LB0051	Mason Gd.2	0.04145	day
	LB0077	Labour	0.10733	day
	MT0043	Sand	0.00770	cu.m
	MT0145	Cement (OPC / PSC)	0.00367	tonne
RC0054	Providing throating, plastering drip and moulding to R.C.C chajjas			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.02123	day
	LB0051	Mason Gd.2	0.02123	day
	LB0077	Labour	0.03150	day
RC0060	Providing & fixing, below & including floor 2 level, Precast R.C.C jali 1:2:4, 12.5mm aggregate, reinforced with mild steel wire 1.6mm dia., including roughening, cleaning, fixing, finishing in cement mortar 1:3 excluding plastering of the jambs, sills, soffits - 50 mm thick			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.25591	day
	LB0039	Work Supervisor (Lajab)	0.00253	day
	LB0051	Mason Gd.2	0.25591	day
	LB0053	Plant Operator Gd.3	0.00354	day
	LB0077	Labour	0.75797	day
	MP0111	Concrete Mixer(7/5 cu.ft)	0.00350	day
	MP0112	Concrete Vibrator(M/C5)	0.00350	day
	MT0043	Sand	0.02225	cu.m
	MT0071	Crushed Rock - 12.5 - 6mm	0.04450	cu.m
	MT0145	Cement (OPC / PSC)	0.01606	tonne
	MT0215	Welded Mesh - 75mmx25mm	1.00000	sq.m
RC0061	Providing & fixing, below & including floor 2 level, Precast R.C.C jali 1:2:4, 12.5mm aggregate, reinforced with mild steel wire 1.6mm dia., including roughening, cleaning, fixing, finishing in cement mortar 1:3, excluding plastering of the jambs, sills, soffits - 40 mm thick			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.20473	day
	LB0039	Work Supervisor (Lajab)	0.00202	day
	LB0051	Mason Gd.2	0.20473	day
	LB0053	Plant Operator Gd.3	0.00283	day
	LB0077	Labour	0.69135	day

MP0111	Concrete Mixer(7/5 cu.ft)	0.00280	day
MP0112	Concrete Vibrator(M/C5)	0.00280	day
MT0043	Sand	0.01780	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.03560	cu.m
MT0145	Cement (OPC / PSC)	0.01285	tonne
MT0215	Welded Mesh - 75mmx25mm	1.00000	sq.m

RC0062 Providing & fixing, below & including floor 2 level, Precast R.C.C jali 1:2:4, 12.5mm aggregate, reinforced with mild steel wire 1.6mm dia., including roughening, cleaning, fixing, finishing in cement mortar 1:3, excluding plastering of the jambs, sills, soffits - 25 mm thick

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.20378	day
LB0039	Work Supervisor (Lajab)	0.00126	day
LB0051	Mason Gd.2	0.20378	day
LB0053	Plant Operator Gd.3	0.00177	day
LB0077	Labour	0.66623	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00175	day
MP0112	Concrete Vibrator(M/C5)	0.00175	day
MT0043	Sand	0.01113	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.02225	cu.m
MT0145	Cement (OPC / PSC)	0.00803	tonne
MT0215	Welded Mesh - 75mmx25mm	1.00000	sq.m

RC0070 Providing & fixing, below & including floor 2 level, Precast R.C.C 1:2:4, 20mm aggregate including finishing, plastering with 6mm cement plaster 1:3 and formwork, but excluding reinforcement cost - String courses, copings, bed plates, anchor blocks, plain window sills

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	1.89259	day
LB0036	Mason Gd.1	0.75562	day
LB0039	Work Supervisor (Lajab)	0.05055	day
LB0051	Mason Gd.2	0.75562	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	4.87976	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.57135	cu.m
MT0070	Crushed Rock - 20mm	0.89000	cu.m
MT0145	Cement (OPC / PSC)	0.38152	tonne
MT0325	Ballies 75 to 125mm dia	5.04000	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.16200	cu.m

RC0071 Providing & fixing, below & including floor 2 level, Precast R.C.C 1:2:4, 20mm aggregate including finishing, plastering with 6mm cement plaster 1:3 and formwork, but excluding reinforcement cost - Small lintels & joists < 1.5m clear span, shelves

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	1.74118	day
LB0036	Mason Gd.1	0.55293	day
LB0039	Work Supervisor (Lajab)	0.05055	day
LB0051	Mason Gd.2	0.55293	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	4.24262	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.53367	cu.m
MT0070	Crushed Rock - 20mm	0.89000	cu.m
MT0145	Cement (OPC / PSC)	0.36356	tonne
MT0325	Ballies 75 to 125mm dia	4.63680	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.14904	cu.m

RC0072 Providing & fixing, below & including floor 2 level, Precast R.C.C 1:2:4, 20mm aggregate including finishing, plastering with 6mm cement plaster 1:3 and formwork, but excluding reinforcement cost - Joists, span > 1.5m, Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.32143	day
LB0036	Mason Gd.1	0.92079	day
LB0039	Work Supervisor (Lajab)	0.05055	day
LB0051	Mason Gd.2	0.92079	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	Labour	4.14185	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.60204	cu.m
MT0070	Crushed Rock - 20mm	0.89000	cu.m
MT0145	Cement (OPC / PSC)	0.39615	tonne
MT0325	Ballies 75 to 125mm dia	0.85596	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.02751	cu.m

RC0083 Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete Coefficient for per kg

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.01142	day
LB0077	Labour	0.01142	day
MT0208	Reinforcing Bars & Mesh - Thermo	1.05000	kg

RC0090 Providing & fixing centering and shuttering (formwork) using Timber, including strutting, propping etc. and removal of formwork - Foundations, Footings and all works upto Plinth Level, etc. Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.11965	day
LB0077	labourer	0.10951	day
MT0325	Ballies 75 to 125mm dia	1.39394	m
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.01629	cu.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m

RC0108 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and timber strutting, propping with complete form tie system etc. and removal of formwork - Foundations, Footings and all works upto Plinth Level, etc. Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.11965	day
LB0077	Labour	0.10951	day
MT0325	Ballies 75 to 125mm dia	1.66667	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.01530	cu.m
MT0344	12 mm Shuttering Plywood	0.35000	Sq.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m

RC0109 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and timber strutting, propping with complete form tie system etc. and removal of formwork - Walls (any thickness), pilasters, buttresses, string course etc. Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.62641	day
LB0077	Labour	0.25328	day
MT0325	Ballies 75 to 125mm dia	0.82051	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.01259	cu.m
MT0344	12 mm Shuttering Plywood	0.21000	Sq.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m

MT2400	Plastic Cone (Form Tie system)	0.10769	Each
MT2401	Rib Washer (Concrete Form Tie)	0.10769	Each
MT2402	Hex Nut	0.10769	Each
MT2403	Form Tie	0.10769	Each
MT2404	Inner Unit	2.15385	Each

RC0110 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and timber strutting, propping with complete form tie system etc. and removal of formwork - Lintels, beams, grids, bressumers, cantilevers etc.

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.15340	day
LB0077	Labour	0.14040	day
MT0325	Ballies 75 to 125mm dia	7.01414	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.00922	cu.m
MT0344	12 mm Shuttering Plywood	0.21000	Sq.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m
MT2400	Plastic Cone (Form Tie system)	0.08586	Each
MT2401	Rib Washer (Concrete Form Tie)	0.08586	Each
MT2402	Hex Nut	0.08586	Each
MT2403	Form Tie	0.08586	Each
MT2404	Inner Unit	1.71717	Each

RC0111 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and timber strutting, propping with complete form tie system etc. and removal of formwork - Columns, pillars, post, struts, etc.

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.28456	day
LB0077	Labour	0.26044	day
MT0325	Ballies 75 to 125mm dia	1.12000	m
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.01817	cu.m
MT0344	12 mm Shuttering Plywood	0.21000	Sq.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m
MT2400	Plastic Cone (Form Tie system)	0.14444	Each
MT2401	Rib Washer (Concrete Form Tie)	0.14444	Each
MT2402	Hex Nut	0.14444	Each
MT2403	Form Tie	0.14444	Each
MT2404	Inner Unit	2.88889	Each

RC0112 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and timber strutting, propping with complete form tie system etc. and removal of formwork - Staircase (except spiral staircase)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.28993	day
LB0077	labourer	0.15163	day
MT0325	Ballies 75 to 125mm dia	1.82813	m
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00953	cu.m
MT0344	12mm, red ply	0.21000	sq.m
MT0155	200 micro-metre	1.05000	sq.m

RC0113 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and timber strutting, propping with complete form tie system etc. and removal of formwork - Suspended floor, roof, landing, shelves and their supports, balconies, chajjas, etc.

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.42952	day
LB0077	labourer	0.39312	day
MT0325	Ballies 75 to 125mm dia	1.65938	m

MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00653	cu.m
MT0344	12mm, red ply	0.21000	sq.m
MT0155	200 micro-metre	1.05000	sq.m

RC0114 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and timber strutting, propping with complete form tie system etc. and removal of formwork - Spiral stair case excluding landing

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.43210	day
LB0077	labourer	0.20127	day
MT0325	Ballies 75 to 125mm dia	2.66667	m
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00548	cu.m
MT0344	12mm, red ply	0.21000	sq.m
MT0155	200 micro-metre	1.05000	sq.m

RC0115 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Plain MS Sheet (0.50mm), Timber frame and timber strutting, propping with complete form tie system etc. and removal of formwork - Arches, curved, Domes,vaults, shell roof etc.

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.75304	day
LB0077	Labour	0.55999	day
MT0190	Plain MS Sheet, (0.50mm)	3.92500	Kg
MT0325	Ballies 75 to 125mm dia	0.01019	m
MT0330	Rough-sawn timber (urban rate) - Class 'B'	0.01019	cu.m
MT0344	12 mm Shuttering Plywood	0.21000	Sq.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m
MT2400	Plastic Cone (Form Tie system)	0.14545	Each
MT2401	Rib Washer (Concrete Form Tie)	0.14545	Each
MT2402	Hex Nut	0.14545	Each
MT2403	Form Tie	0.14545	Each
MT2404	Inner Unit	2.90909	Each

RC0141 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and steel strutting, propping with complete form tie system etc. and removal of formwork - Foundations, Footings, all works upto Plinth Level, etc.

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.11965	day
LB0077	Labour	0.10951	day
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.00177	cu.m
MT0344	12 mm Shuttering Plywood	0.21000	Sq.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m
MT0200	M.S Tube 40mm dia	1.25455	kg
MT1671	Single clip	0.02273	each
MT1672	Double clip	0.04545	each

RC0142 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and steel strutting, propping with complete form tie system etc. and removal of formwork - Walls (any thickness), pilasters, buttresses, string course etc.

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.62641	day
LB0077	Labour	0.25328	day
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer) (2"x 2")	0.00200	cu.m
MT0344	12 mm Shuttering Plywood	0.21000	Sq.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m
MT0200	M.S Tube 40mm dia	0.46885	kg
MT1671	Single clip	0.02564	each

MT1672	Double clip	0.02051	each
MT2400	Plastic Cone (Form Tie system)	0.13333	each
MT2401	Rib Washer (Concrete Form Tie)	0.13333	each
MT2402	Hex Nut	0.13333	each
MT2403	Form Tie	0.13333	each
MT2404	Inner Unit	2.66667	each

RC0143 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and steel strutting, propping with complete form tie system etc. and removal of formwork - Lintels, beams, griders, bressumers, cantilevers etc.

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.15340	day
LB0077	Labour	0.14040	day
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.00345	cu.m
MT0344	12 mm Shuttering Plywood	0.21000	Sq.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m
MT0200	M.S Tube 40mm dia	0.40657	kg
MT1674	Adjustable telescopic prop (3m)	0.31313	each
MT2400	Plastic Cone (Form Tie system)	0.08586	each
MT2401	Rib Washer (Concrete Form Tie)	0.08586	each
MT2402	Hex Nut	0.08586	each
MT2403	Form Tie	0.08586	each
MT2404	Inner Unit	1.71717	each

RC0144 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and steel strutting, propping with complete form tie system etc. and removal of formwork - Columns, pillars, post, struts, etc.

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.28456	day
LB0077	Labour	0.26044	day
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer) (2"x3")	0.01280	cu.m
MT0344	12 mm Shuttering Plywood	0.21000	Sq.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m
MT0200	M.S Tube 40mm dia	0.63496	kg
MT1671	Single clip	0.03333	each
MT1672	Double clip	0.03333	each
MT2400	Plastic Cone (Form Tie system)	0.14444	Each
MT2401	Rib Washer (Concrete Form Tie)	0.14444	Each
MT2402	Hex Nut	0.14444	Each
MT2403	Form Tie	0.14444	Each
MT2404	Inner Unit	2.88889	Each

RC0145 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and steel strutting, propping with complete form tie system etc. and removal of formwork - Staircase (except spiral staircase)

Coefficient for per sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.28993	day
LB0077	Labour	0.15163	day
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.01418	cu.m
MT0344	12 mm Shuttering Plywood	0.21000	Sq.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m
MT1673	Adjustable span ESO+SI	0.02031	Each
MT1674	Adjustable telescopic prop (3m)	0.06094	Each

RC0146 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and steel strutting, propping with complete form tie system etc. and removal of formwork - Suspended floor, roof, landing, shelves and their supports, balconies, chajjas, etc.

Coefficient for per sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.42952	day
LB0077	Labour	0.39312	day

MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.00482	cu.m
MT0344	12 mm Shuttering Plywood	0.21000	Sq.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m
MT1673	Adjustable span ESO+SI	0.01172	Each
MT1674	Adjustable telescopic prop (3m)	0.04688	Each

RC0147 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and steel strutting, propping with complete form tie system etc. and removal of formwork - Spiral stair case excluding landing

Coefficient for per sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.43210	day
LB0077	Labour	0.20127	day
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.00548	cu.m
MT0344	12 mm Shuttering Plywood	0.21000	Sq.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m
MT1673	Adjustable span ESO+SI	0.04444	Each
MT1674	Adjustable telescopic prop (3m)	0.08889	Each

RC0148 Providing & fixing centering and shuttering (formwork) using Shuttering Plywood, including Timber frame and steel strutting, propping with complete form tie system etc. and removal of formwork - Arches, curved, Domes,vaults, shell roof etc.

Coefficient for per sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.75304	day
LB0077	Labour	0.55999	day
MT0190	Plain MS Sheet, (0.50mm)	3.92500	Kg
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	0.01019	cu.m
MT0344	12 mm Shuttering Plywood	0.21000	Sq.m
MT0155	Plastic Sheet 200 micro-metre	1.05000	Sq.m
MT1673	Adjustable span ESO+SI	0.03636	Each
MT1674	Adjustable telescopic prop (3m)	0.03636	Each
MT2400	Plastic Cone (Form Tie system)	0.14545	Each
MT2401	Rib Washer (Concrete Form Tie)	0.14545	Each
MT2402	Hex Nut	0.14545	Each
MT2403	Form Tie	0.14545	Each
MT2404	Inner Unit	2.90909	Each

RC0105 Providing & filling or fixing in position in expansion joints - Blown bitumen

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	2.04482	day
LB0051	Mason Gd.2	2.04482	day
LB0077	Labour	5.98736	day
MT0001	Bitumen VG - 10	1.05000	tonne
MT0040	Firewood (stacked volume)	2.60000	cu.m

RC0106 Providing & filling or fixing in position in expansion joints - Bitumen mix filler of proportion 80 kg of hot bitumen, 1 kg of cement and 0.25 cum of sand for expansion joints

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	2.04482	day
LB0051	Mason Gd.2	2.04482	day
LB0077	Labour	5.98736	day
MT0001	Bitumen VG - 10	0.25630	tonne
MT0040	Firewood (stacked volume)	0.69550	cu.m
MT0043	Sand	0.80000	cu.m
MT0145	Cement (OPC / PSC)	0.00320	tonne

RC0107 Providing & filling or fixing in position in expansion joints - 12 mm bitumen impregnated fibre board
 Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.01151	day
LB0051	Mason Gd.2	0.01151	day
LB0077	Labour	0.02246	day
MT0010	Hot sealing compound Grade A	4.00000	kg
MT0011	Bitumen Solution primer	0.16670	litre
MT0015	Pre-moulded bitumen impregnated fibre board, 12mm thick (IS: 1838 or equivalent)	1.05000	sq.m

RC0116 Providing and fixing sheet-covering over expansion joints with iron screws as per design to Match the colour shade of the distemper or wall treatment - Aluminium fluted strip 3.15x150mm
 Coefficient for per m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.06366	day
LB0077	Labour	0.05827	day
MT0160	Aluminium Fluted Strips 3.15mm thick 150mm wide	1.05000	m

RC0160 Providing & laying in position machine batched, machine mixed and machine vibrated M-30 design mix cement concrete for reinforced cement concrete structural elements, excluding the cost of centering, shuttering and reinforcement, Including admixtures in recommended proportions (as per IS 9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per the direction of the engineer. The mix design shall be carried out at site by a qualified engineer as per IS code 10262:2019- All work upto
 Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07583	day
LB0039	Work Supervisor (Lajab)	0.50550	day
LB0051	Mason Gd.2	0.07583	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	labourer	0.97500	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.52785	cu.m
MT0070	Crushed Rock - 20mm	0.65730	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.21945	cu.m
MT0145	Cement (OPC / PSC)	0.38940	tonne
MT0154	Concrete super plasticizer (1% of cement)	3.62000	kg

RC0161 Providing & laying in position machine batched, machine mixed and machine vibrated M-30 design mix cement concrete for reinforced cement concrete structural elements, excluding the cost of centering, shuttering and reinforcement, Including admixtures in recommended proportions (as per IS 9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per the direction of the engineer. The mix design shall be carried out at site by a qualified engineer as per IS code 10262:2019. -All work above
 Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.15165	day
LB0039	Work Supervisor (Lajab)	0.10110	day
LB0051	Mason Gd.2	0.15165	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	labourer	1.72500	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.52785	cu.m
MT0070	Crushed Rock - 20mm	0.65730	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.21945	cu.m
MT0145	Cement (OPC / PSC)	0.38940	tonne
MT0154	Concrete super plasticizer (1% of cement)	3.62000	kg

RC0166 Providing & laying in position machine batched, machine mixed and machine vibrated M-35 design mix cement concrete for reinforced cement concrete structural elements, excluding the cost of centering, shuttering and reinforcement, Including admixtures in recommended proportions (as per IS 9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per the direction of the engineer. The mix design shall be carried out at site by a qualified engineer as per IS code 10262:2019.- All work upto
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07583	day
LB0039	Work Supervisor (Lajab)	0.50550	day
LB0051	Mason Gd.2	0.07583	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	labourer	0.97500	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.50485	cu.m
MT0070	Crushed Rock - 20mm	0.65310	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.21735	cu.m
MT0145	Cement (OPC / PSC)	0.42900	tonne
MT0154	Concrete super plasticizer (1% of cement)	4.00000	kg

RC0167 Providing & laying in position machine batched, machine mixed and machine vibrated M-35 design mix cement concrete for reinforced cement concrete structural elements, excluding the cost of centering, shuttering and reinforcement, Including admixtures in recommended proportions (as per IS 9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per the direction of the engineer. The mix design shall be carried out at site by a qualified engineer as per IS code 10262:2019. - All work above
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.15165	day
LB0039	Work Supervisor (Lajab)	0.10110	day
LB0051	Mason Gd.2	0.15165	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	labourer	1.72500	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.50485	cu.m
MT0070	Crushed Rock - 20mm	0.65310	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.21735	cu.m
MT0145	Cement (OPC / PSC)	0.42900	tonne
MT0154	Concrete super plasticizer (1% of cement)	4.00000	kg

RC0170 Providing & laying in position machine batched, machine mixed and machine vibrated M-40 design mix cement concrete for reinforced cement concrete structural elements, excluding the cost of centering, shuttering and reinforcement, Including admixtures in recommended proportions (as per IS 9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per the direction of the engineer. The mix design shall be carried out at site by a qualified engineer as per IS code 10262:2019.-All work upto
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07583	day
LB0039	Work Supervisor (Lajab)	0.50550	day
LB0051	Mason Gd.2	0.07583	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	labourer	0.97500	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.49450	cu.m
MT0070	Crushed Rock - 20mm	0.64995	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.21630	cu.m
MT0145	Cement (OPC / PSC)	0.45089	tonne
MT0154	Concrete super plasticizer (1% of cement)	4.20000	kg

RC0171 Providing & laying in position machine batched, machine mixed and machine vibrated M-40 design mix cement concrete for reinforced cement concrete structural elements, excluding the cost of centering, shuttering and reinforcement, Including admixtures in recommended proportions (as per IS 9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per the direction of the engineer. The mix design shall be carried out at site by a qualified engineer as per IS code 10262:2019. - All work above
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.15165	day
LB0039	Work Supervisor (Lajab)	0.10110	day
LB0051	Mason Gd.2	0.15165	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	labourer	1.72500	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.49450	cu.m
MT0070	Crushed Rock - 20mm	0.64995	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.21630	cu.m
MT0145	Cement (OPC / PSC)	0.45089	tonne
MT0154	Concrete super plasticizer (1% of cement)	4.20000	kg

RC0175 Providing & laying in position machine batched, machine mixed and machine vibrated M-45 design mix cement concrete for reinforced cement concrete structural elements, excluding the cost of centering, shuttering and reinforcement, Including admixtures in recommended proportions (as per IS 9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per the direction of the engineer. The mix design shall be carried out at site by a qualified engineer as per IS code 10262:2019. - All work upto
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07583	day
LB0039	Work Supervisor (Lajab)	0.50550	day
LB0051	Mason Gd.2	0.07583	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	labourer	0.97500	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.48185	cu.m
MT0070	Crushed Rock - 20mm	0.64575	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.21525	cu.m
MT0145	Cement (OPC / PSC)	0.47740	tonne
MT0154	Concrete super plasticizer (1% of cement)	4.47000	kg

RC0176 Providing & laying in position machine batched, machine mixed and machine vibrated M-40 design mix cement concrete for reinforced cement concrete structural elements, excluding the cost of centering, shuttering and reinforcement, Including admixtures in recommended proportions (as per IS 9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per the direction of the engineer. The mix design shall be carried out at site by a qualified engineer as per IS code 10262:2019. - All work above
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.15165	day
LB0039	Work Supervisor (Lajab)	0.10110	day
LB0051	Mason Gd.2	0.15165	day
LB0053	Plant Operator Gd.3	0.07077	day
LB0077	labourer	1.72500	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.07000	day
MP0112	Concrete Vibrator(M/C5)	0.07000	day
MT0043	Sand	0.48185	cu.m
MT0070	Crushed Rock - 20mm	0.64575	cu.m
MT0071	Crushed Rock - 12.5mm - 6 mm	0.21525	cu.m
MT0145	Cement (OPC / PSC)	0.47740	tonne
MT0154	Concrete super plasticizer (1% of cement)	4.47000	kg

CHAPTER 9 : BRICK WORK**BW0001 P&L Second-Class Brick work in Foundation & Plinth - In cement mortar 1:3** **Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	Labour	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0125	Bricks 2nd class	0.40700	1000#
MT0145	Cement (OPC / PSC)	0.12750	tonne

BW0002 P&L Second-Class Brick work in Foundation & Plinth - In cement mortar 1:4 **Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	Labour	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0125	Bricks 2nd class	0.40700	1000#
MT0145	Cement (OPC / PSC)	0.09500	tonne

BW0003 P&L Second-Class Brick work in Foundation & Plinth - In cement mortar 1:5 **Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	Labour	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0125	Bricks 2nd class	0.40700	1000#
MT0145	Cement (OPC / PSC)	0.07750	tonne

BW0004 P&L Second-Class Brick work in Foundation & Plinth - In cement mortar 1:6 **Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	Labour	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0125	Bricks 2nd class	0.40700	1000#
MT0145	Cement (OPC / PSC)	0.06250	tonne

BW0005 P&L Second-Class Brick work in Foundation & Plinth - In mud mortar **Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	Labour	1.29953	day
MT0042	Mud dry	0.30000	cu.m
MT0125	Bricks 2nd class	0.40700	1000#

BW0010 Extra, for brick work in square or rectangular pillars **Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0076	Labour	0.27154	day

BW0011	Extra, for brick in circular pillars			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.97814	day
	LB0051	Mason Gd.2	0.97814	day
	LB0076	Labour	0.35084	day
	MT0125	Bricks 2nd class	0.14200	1000#
BW0012	Extra, for brick work in superstructure above plinth level, up to floor two level			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.10930	day
	LB0051	Mason Gd.2	0.10930	day
	LB0076	Labour	0.33081	day
BW0013	Extra, for brick work in superstructure above floor two level...per floor			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.23229	day
BW0014	Extra, for providing hoop iron 25x1.6mm or equivalent reinforcement in masonry at every third course, embedded in cement mortar			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	MT0182	Rolled sections (250 MPa) - Flats	1.03000	kg
BW0015	Extra, for mixing water-proofing compound in cement mortar			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.01177	day
	MT0151	Water proofing compound	2.00000	kg
BW0020	P&L Second-Class Half-brick Masonry (125 mm) in superstructure below floor 2 level - In cement mortar 1:3			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.10819	day
	LB0051	Mason Gd.2	0.10819	day
	LB0077	Labour	0.25562	day
	MT0043	Sand	0.02675	cu.m
	MT0125	Bricks 2nd class	0.05200	1000#
	MT0145	Cement (OPC / PSC)	0.01275	tonne
BW0021	P&L Second-Class Half-brick Masonry (125 mm) in superstructure below floor 2 level - In cement mortar 1:4			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.10819	day
	LB0051	Mason Gd.2	0.10819	day
	LB0077	Labour	0.25562	day
	MT0043	Sand	0.02675	cu.m
	MT0125	Bricks 2nd class	0.05200	1000#
	MT0145	Cement (OPC / PSC)	0.00950	tonne
BW0030	Extra, for half-brick masonry in superstructure above floor 2 level...per floor			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.02723	day

BW0031	Extra, for mixing water-proofing compound in cement mortar			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.01177	day
	MT0151	Water proofing compound	0.20000	kg
BW0032	75mm thick brick masonry (second class bricks) in cement mortar 1:3 in partitions etc in superstructure below floor 2 level			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.03091	day
	LB0051	Mason Gd.2	0.03091	day
	LB0077	Labour	0.06597	day
	MT0043	Sand	0.01937	cu.m
	MT0125	Bricks 2nd class	0.03100	1000#
	MT0145	Cement (OPC / PSC)	0.00923	tonne
BW0033	Extra, for 75mm brick masonry in cement mortar 1:3 in partitions etc in superstructure above floor 2 level...Per floor			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.02723	day
BW0040	P&L second class brick work in Bhutan type Traditional Cornices in cement mortar 1:3, including 12mm plaster in cement mortar 1:5, but excluding decorative painting. (Measurement to be taken along the cornice - Floor one level including lhanglag			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.69646	day
	LB0051	Mason Gd.2	0.62451	day
	LB0077	Labour	1.01809	day
	MT0043	Sand	0.01713	cu.m
	MT0125	Bricks 2nd class	0.01457	1000#
	MT0145	Cement (OPC / PSC)	0.00783	tonne
BW0041	P&L second class brick work in Bhutan type Traditional Cornices in cement mortar 1:3, including 12mm plaster in cement mortar 1:5, but excluding decorative painting. (Measurement to be taken along the cornice - Middle Floor levels excluding phana			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	1.04962	day
	LB0051	Mason Gd.2	0.95481	day
	LB0077	Labour	1.14950	day
	MT0043	Sand	0.03732	cu.m
	MT0125	Bricks 2nd class	0.03704	1000#
	MT0145	Cement (OPC / PSC)	0.01536	tonne
BW0050	Pointing on brickwork with cement mortar 1:3 - Flush pointing			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.03605	day
	LB0051	Mason Gd.2	0.03605	day
	LB0077	Labour	0.08451	day
	MT0043	Sand	0.00321	cu.m
	MT0145	Cement (OPC / PSC)	0.00153	tonne
BW0051	Pointing on brickwork with cement mortar 1:3 - Ruled pointing			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.03835	day
	LB0051	Mason Gd.2	0.03912	day

LB0077	Labour	0.09714	day
MT0043	Sand	0.00321	cu.m
MT0145	Cement (OPC / PSC)	0.00153	tonne

BW0052 Pointing on brickwork with cement mortar 1:3 - Cut, weather struck pointing

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05791	day
LB0051	Mason Gd.2	0.05791	day
LB0077	Labour	0.13224	day
MT0043	Sand	0.00321	cu.m
MT0145	Cement (OPC / PSC)	0.00153	tonne

BW0053 Pointing on brickwork with cement mortar 1:3 - Raised & cut pointing

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07747	day
LB0051	Mason Gd.2	0.07747	day
LB0077	Labour	0.16580	day
MT0043	Sand	0.00492	cu.m
MT0145	Cement (OPC / PSC)	0.00235	tonne

BW0060 P&L ICEB(300mmX150mmX100mm) in Foundation & Plinth - In cement mortar 1:3

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.19640	day
LB0051	Mason Gd.2	0.19640	day
LB0077	Labour	0.78642	day
MT0043	Sand	0.18620	cu.m
MT0128	ICEB(300mmX150mmX100mm)	0.22200	1000#
MT0145	Cement (OPC / PSC)	0.07949	tonne

BW0061 P&L ICEB(300mmX150mmX100mm) in Foundation & Plinth - In cement mortar 1:4

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.19640	day
LB0051	Mason Gd.2	0.19640	day
LB0077	Labour	0.78642	day
MT0043	Sand	0.17290	cu.m
MT0128	ICEB(300mmX150mmX100mm)	0.22200	1000#
MT0145	Cement (OPC / PSC)	0.05031	tonne

BW0062 P&L ICEB (300mmX150mmX100mm) in Foundation & Plinth - In cement mortar 1:5

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.19640	day
LB0051	Mason Gd.2	0.19640	day
LB0077	Labour	0.78642	day
MT0043	Sand	0.18620	cu.m
MT0128	ICEB(300mmX150mmX100mm)	0.22200	1000#
MT0145	Cement (OPC / PSC)	0.04125	tonne

BW0063 P&L ICEB(300mmX150mmX100mm) in Foundation & Plinth - In cement mortar 1:6

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.19640	day
LB0051	Mason Gd.2	0.19640	day
LB0077	Labour	0.78642	day
MT0043	Sand	0.18620	cu.m
MT0128	ICEB(300mmX150mmX100mm)	0.22200	1000#
MT0145	Cement (OPC / PSC)	0.03270	tonne

BW0064	P&L ICEB (300mmX150mmX100mm) in Foundation & Plinth - In mud mortar			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.19640	day
	LB0051	Mason Gd.2	0.19640	day
	LB0077	Labour	0.78642	day
	MT0042	Mud dry	0.13500	cu.m
	MT0128	ICEB(300mmX150mmX100mm)	0.22200	1000#
BW0070	Extra, for ICEB work in square or rectangular pillars			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.19640	day
	LB0051	Mason Gd.2	0.19640	day
	LB0076	Labour	0.14155	day
BW0071	Extra, for ICEB work in superstructure above plinth level, up to floor two level			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.05892	day
	LB0051	Mason Gd.2	0.05892	day
	LB0076	Labour	0.17301	day
BW0072	Extra, for ICEB work in superstructure above floor two level...per floor			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.12111	day
BW0080	P&L ICEB(300mmX150mmX100mm) in superstructure below floor 2 level - In cement mortar 1:3			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.06695	day
	LB0051	Mason Gd.2	0.06695	day
	LB0077	Labour	0.15813	day
	MT0043	Sand	0.01097	cu.m
	MT0128	ICEB(300mmX150mmX100mm)	0.03333	1000#
	MT0145	Cement (OPC / PSC)	0.00490	tonne
BW0081	P&L ICEB (300mmX150mmX100mm) in superstructure below floor 2 level - In cement mortar 1:4			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.06695	day
	LB0051	Mason Gd.2	0.06695	day
	LB0077	Labour	0.15813	day
	MT0043	Sand	0.01097	cu.m
	MT0128	ICEB(300mmX150mmX100mm)	0.03333	1000#
	MT0145	Cement (OPC / PSC)	0.00392	tonne
BW0090	Extra, for ICEB work in superstructure above floor 2 level...per floor			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.02848	day
BW0100	P&L ICEB (250mmX125mmX100mm) in Foundation & Plinth - In cement mortar 1:3			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.28064	day
	LB0051	Mason Gd.2	0.28064	day
	LB0077	Labour	1.12348	day
	MT0043	Sand	0.13300	cu.m
	MT0129	ICEB(250mmX125mmX100mm)	0.32000	1000#

MT0145 Cement (OPC / PSC) 0.05186 tonne

BW0101 P&L ICEB (250mmX125mmX100mm) in Foundation & Plinth - In cement mortar 1:4
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.28064	day
LB0051	Mason Gd.2	0.28064	day
LB0077	Labour	1.12348	day
MT0043	Sand	0.13300	cu.m
MT0129	ICEB(250mmX125mmX100mm)	0.32000	1000#
MT0145	Cement (OPC / PSC)	0.03870	tonne

BW0102 P&L ICEB (250mmX125mmX100mm) in Foundation & Plinth - In cement mortar 1:5
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.28064	day
LB0051	Mason Gd.2	0.28064	day
LB0077	Labour	1.12348	day
MT0043	Sand	0.13300	cu.m
MT0129	ICEB(250mmX125mmX100mm)	0.32000	1000#
MT0145	Cement (OPC / PSC)	0.02602	tonne

BW0103 P&L ICEB (250mmX125mmX100mm) in Foundation & Plinth - In cement mortar 1:6
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.28064	day
LB0051	Mason Gd.2	0.28064	day
LB0077	Labour	1.12348	day
MT0043	Sand	0.13300	cu.m
MT0129	ICEB(250mmX125mmX100mm)	0.32000	1000#
MT0145	Cement (OPC / PSC)	0.02516	tonne

BW0104 P&L ICEB (250mmX125mmX100mm) in Foundation & Plinth - In mud mortar
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.28064	day
LB0051	Mason Gd.2	0.28064	day
LB0077	Labour	1.12348	day
MT0042	Mud dry	0.18000	cu.m
MT0129	ICEB(250mmX125mmX100mm)	0.32000	1000#

BW0110 Extra, for ICEB work in square or rectangular pillars
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.28064	day
LB0051	Mason Gd.2	0.28064	day
LB0076	Labour	0.20224	day

BW0111 Extra, for ICEB work in superstructure above plinth level, up to floor two level
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.08419	day
LB0051	Mason Gd.2	0.08419	day
LB0076	Labour	0.24716	day

BW0112 Extra, for ICEB work in superstructure above floor two level...per floor
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	0.17302	day

BW0120 P&L ICEB(250mmX125mmX100mm)in superstructure below floor 2 level - In cement mortar 1:3
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.08114	day
LB0051	Mason Gd.2	0.08114	day
LB0077	Labour	0.19168	day
MT0043	Sand	0.01330	cu.m
MT0129	ICEB(250mmX125mmX100mm)	0.04000	1000#
MT0145	Cement (OPC / PSC)	0.00594	tonne

BW0121 P&L ICEB(250mmX125mmX100mm)in superstructure below floor 2 level - In cement mortar 1:4
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.08114	day
LB0051	Mason Gd.2	0.08114	day
LB0077	Labour	0.19168	day
MT0043	Sand	0.01330	cu.m
MT0129	ICEB(250mmX125mmX100mm)	0.04000	1000#
MT0145	Cement (OPC / PSC)	0.00475	tonne

BW0130 Extra, for ICEB work in superstructure above floor 2 level...per floor
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.03450	day

Concrete Hollow Block Brick**BW0140 P&L locally manufactured concrete hollow block brick work in Foundation & Plinth - In cement mortar 1:3**
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	labourer	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0130	Concrete block bricks - Hollow Block 390x190x190	0.07103	1000#
MT0145	Cement (OPC / PSC)	0.12750	tonne

BW0141 P&L locally manufactured concrete hollow block brick work in Foundation & Plinth - In cement mortar 1:4
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	labourer	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0130	Concrete block bricks - Hollow Block 390x190x190	0.07103	1000#
MT0145	Cement (OPC / PSC)	0.09500	tonne

BW0142 P&L locally manufactured concrete hollow block brick work in Foundation & Plinth - In cement mortar 1:5
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	labourer	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0130	Concrete block bricks - Hollow Block 390x190x190	0.07103	1000#
MT0145	Cement (OPC / PSC)	0.07750	tonne

**BW0143 P&L locally manufactured concrete hollow block brick work in Foundation & Plinth - In cement mortar 1:6
Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	labourer	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0130	Concrete block bricks - Hollow Block 390x190x190	0.07103	1000#
MT0145	Cement (OPC / PSC)	0.06250	tonne

**BW0145 P&L locally manufactured concrete solid brick work in Foundation & Plinth - In cement mortar 1:3
Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	labourer	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0131	Concrete block bricks - Solid Brick 240 x 115 x 80mm	0.45290	1000#
MT0145	Cement (OPC / PSC)	0.12750	tonne

**BW0146 P&L locally manufactured concrete solid brick work in Foundation & Plinth - In cement mortar 1:4
Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	labourer	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0131	Concrete block bricks - Solid Brick 240 x 115 x 80mm	0.45290	1000#
MT0145	Cement (OPC / PSC)	0.09500	tonne

**BW0147 P&L locally manufactured concrete solid brick work in Foundation & Plinth - In cement mortar 1:5
Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	labourer	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0131	Concrete block bricks - Solid Brick 240 x 115 x 80mm	0.45290	1000#
MT0145	Cement (OPC / PSC)	0.07750	tonne

**BW0148 P&L locally manufactured concrete solid brick work in Foundation & Plinth - In cement mortar 1:6
Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	labourer	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0131	Concrete block bricks - Solid Brick 240 x 115 x 80mm	0.45290	1000#
MT0145	Cement (OPC / PSC)	0.06250	tonne

Concrete**BW0150 P&L locally manufactured concrete porous brick work in Foundation & Plinth - In cement mortar 1:3
Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	labourer	1.49807	day
MT0043	Sand	0.26750	cu.m

MT0132	Concrete block bricks - Porous brick 230 x 110 x 70mm	0.45290	1000#
MT0145	Cement (OPC / PSC)	0.12750	tonne

BW0151 P&L locally manufactured concrete block brick work in Foundation & Plinth - In cement mortar 1:4
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	labourer	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0132	Concrete block bricks - Porous brick 230 x 110 x 70mm	0.45290	1000#
MT0145	Cement (OPC / PSC)	0.09500	tonne

BW0152 P&L locally manufactured concrete porous brick work in Foundation & Plinth - In cement mortar 1:5
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	labourer	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0132	Concrete block bricks - Porous brick 230 x 110 x 70mm	0.45290	1000#
MT0145	Cement (OPC / PSC)	0.07750	tonne

BW0153 P&L locally manufactured concrete porous brick work in Foundation & Plinth - In cement mortar 1:6
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0077	labourer	1.49807	day
MT0043	Sand	0.26750	cu.m
MT0132	Concrete block bricks - Porous brick 230 x 110 x 70mm	0.45290	1000#
MT0145	Cement (OPC / PSC)	0.06250	tonne

BW0170 Extra, for concrete porous brick work in square or rectangular pillars
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.37426	day
LB0051	Mason Gd.2	0.37426	day
LB0076	labourer	0.27154	day

BW0171 Extra, for concrete block brick in circular pillars
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.97814	day
LB0051	Mason Gd.2	0.97814	day
LB0076	labourer	0.35084	day
MT0130	Concrete block bricks-Porous brick 230 x 110 x 70mm	0.02486	1000#

BW0172 Extra, for concrete block brick work in superstructure above plinth level, up to floor two level
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.10930	day
LB0051	Mason Gd.2	0.10930	day
LB0076	labourer	0.33081	day

BW0173	Extra, for concrete block brick work in superstructure above floor two level...per floor			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	labourer	0.23229	day
BW0174	Extra, for providing hoop iron 25x1.6mm or equivalent reinforcement in masonry at every third course, embedded in cement mortar			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	MT0182	Rolled sections (250 MPa) - Flats	1.03000	kg
BW0175	Extra, for mixing water-proofing compound in cement mortar			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	labourer	0.01177	day
	MT0151	Water proofing compound	2.00000	kg
Concrete				
BW0190	P & L locally manufactured concrete hollow block brick Masonry (190 mm) in superstructure below floor 2 level - In cement mortar 1:3			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.10819	day
	LB0051	Mason Gd.2	0.10819	day
	LB0077	labourer	0.25562	day
	MT0043	Sand	0.02675	cu.m
	MT0130	Concrete block bricks-Hollow Block 390 x 190 x 190mm	0.01350	1000#
	MT0145	Cement (OPC / PSC)	0.01275	tonne
BW0191	P & L locally manufactured concrete hollow block brick Masonry (190 mm) in superstructure below floor 2 level - In cement mortar 1:4			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.10819	day
	LB0051	Mason Gd.2	0.10819	day
	LB0077	labourer	0.25562	day
	MT0043	Sand	0.02675	cu.m
	MT0130	Concrete block bricks-Hollow Block 390 x 190 x 190mm	0.01350	1000#
	MT0145	Cement (OPC / PSC)	0.00950	tonne
BW0194	P & L locally manufactured concrete partition hollow block brick Masonry (90 mm) in superstructure below floor 2 level - In cement mortar 1:3			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.10819	day
	LB0051	Mason Gd.2	0.10819	day
	LB0077	labourer	0.25562	day
	MT0043	Sand	0.02675	cu.m
	MT0133	Concrete block bricks - Partition Hollow Brick 390 x 190 x 90mm	0.01350	1000#
	MT0145	Cement (OPC / PSC)	0.01275	tonne
BW0195	P & L locally manufactured concrete partition hollow block brick Masonry (90 mm) in superstructure below floor 2 level - In cement mortar 1:4			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.10819	day
	LB0051	Mason Gd.2	0.10819	day
	LB0077	labourer	0.25562	day
	MT0043	Sand	0.02675	cu.m

MT0133	Concrete block bricks - Partition Hollow Brick 390 x 190 x 90mm	0.01350	1000#
MT0145	Cement (OPC / PSC)	0.00950	tonne

BW0198 P & L locally manufactured concrete solid block brick Masonry (115 mm) in superstructure below floor 2 level - In cement mortar 1:3

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.10819	day
LB0051	Mason Gd.2	0.10819	day
LB0077	labourer	0.25562	day
MT0043	Sand	0.02675	cu.m
MT0131	Concrete block bricks - Solid Brick 240 x 115 x 80mm	0.05208	1000#
MT0145	Cement (OPC / PSC)	0.01275	tonne

BW0199 P & L locally manufactured concrete solid block brick Masonry (115 mm) in superstructure below floor 2 level - In cement mortar 1:4

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.10819	day
LB0051	Mason Gd.2	0.10819	day
LB0077	labourer	0.25562	day
MT0043	Sand	0.02675	cu.m
MT0131	Concrete block bricks - Solid Brick 240 x 115 x 80mm	0.05208	1000#
MT0145	Cement (OPC / PSC)	0.00950	tonne

Concrete

BW0202 P & L locally manufactured concrete porous brick Masonry (110 mm) in superstructure below floor 2 level - In cement mortar 1:3

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.10819	day
LB0051	Mason Gd.2	0.10819	day
LB0077	labourer	0.25562	day
MT0043	Sand	0.02675	cu.m
MT0132	Concrete block bricks - Porous brick 230 x 110 x 70mm	0.06211	1000#
MT0145	Cement (OPC / PSC)	0.01275	tonne

BW0203 P & L locally manufactured concrete porous brick Masonry (110 mm) in superstructure below floor 2 level - In cement mortar 1:4

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.10819	day
LB0051	Mason Gd.2	0.10819	day
LB0077	labourer	0.25562	day
MT0043	Sand	0.02675	cu.m
MT0132	Concrete block bricks - Porous brick 230 x 110 x 70mm	0.06211	1000#
MT0145	Cement (OPC / PSC)	0.00950	tonne

BW0220 Extra, for concrete block half-brick masonry in superstructure above floor 2 level...per floor

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	labourer	0.02723	day

BW0221 Extra, for mixing water-proofing compound in cement mortar**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0077	labourer	0.01177	day
MT0151	Water proofing compound	0.20000	kg

BW0230 Pointing on concrete block brick work with cement mortar 1:3 - Flush pointing**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03605	day
LB0051	Mason Gd.2	0.03605	day
LB0077	labourer	0.08451	day
MT0043	Sand	0.00321	cu.m
MT0145	Cement (OPC / PSC)	0.00153	tonne

BW0231 Pointing on concrete block brick work with cement mortar 1:3 - Ruled pointing**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03835	day
LB0051	Mason Gd.2	0.03912	day
LB0077	labourer	0.09714	day
MT0043	Sand	0.00321	cu.m
MT0145	Cement (OPC / PSC)	0.00153	tonne

BW0232 Pointing on concrete block brick work with cement mortar 1:3 - Cut, weather struck pointing**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05791	day
LB0051	Mason Gd.2	0.05791	day
LB0077	labourer	0.13224	day
MT0043	Sand	0.00321	cu.m
MT0145	Cement (OPC / PSC)	0.00153	tonne

BW0233 Pointing on concrete block brick work with cement mortar 1:3 - Raised & cut pointing**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07747	day
LB0051	Mason Gd.2	0.07747	day
LB0077	labourer	0.16580	day
MT0043	Sand	0.00492	cu.m
MT0145	Cement (OPC / PSC)	0.00235	tonne

AUTOCLAVED AERATED BLOCK (AAC BLOCK)**BW0240 Providing and laying locally manufactured autoclaved aerated cement blocks masonry (AAC blocks) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for separately).****Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.43063	day
LB0051	Mason Gd.2	0.43063	day
LB0077	labourer	1.01850	day
MT0153	Polymer modified adhesive mortar	30.00000	Kg
MT0140	Autoclaved aerated cement (AAC) blocks	1.00000	Cu.m

CHAPTER 10 : STONE/MUD

SM0001 Constructing rammed mud walls in superstructure including the cost of form work **Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.26951	day
LB0077	Labour	1.11906	day
MT0042	Mud dry	1.10000	cu.m
MT0325	Ballies 75 to 125mm dia	0.30030	m
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00475	cu.m

SM0005 P&L Random Rubble Masonry with hard stone in foundation & plinth - In cement mortar 1:4 **Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.63020	day
LB0077	Labour	3.10907	day
MT0043	Sand	0.35310	cu.m
MT0060	Boulder	1.00000	cu.m
MT0145	Cement (OPC / PSC)	0.12540	tonne

SM0006 P&L Random Rubble Masonry with hard stone in foundation & plinth - In cement mortar 1:5 **Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.63020	day
LB0077	Labour	3.10907	day
MT0043	Sand	0.35310	cu.m
MT0060	Boulder	1.00000	cu.m
MT0145	Cement (OPC / PSC)	0.10230	tonne

SM0007 P&L Random Rubble Masonry with hard stone in foundation & plinth - In cement mortar 1:6 **Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.63020	day
LB0077	Labour	3.10907	day
MT0043	Sand	0.35310	cu.m
MT0060	Boulder	1.00000	cu.m
MT0145	Cement (OPC / PSC)	0.08250	tonne

SM0008 P&L Random Rubble Masonry with hard stone in foundation & plinth - Hammer dressed, in mud mortar **Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.66882	day
LB0077	Labour	3.27796	day
MT0042	Mud dry	0.39600	cu.m
MT0060	Boulder	1.00000	cu.m

SM0015 Extra for random rubble masonry with hard stone in superstructure above plinth, below & including floor 2 level **Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.15967	day
LB0077	Labour	0.55104	day

SM0016 Extra for random rubble masonry with hard stone in superstructure above floor 2 level ..per floor **Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0077	Labour	0.33292	day

SM0017	Extra for random rubble masonry work with hard stone in square or rectangular pillars			
				Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	0.15967	day
	LB0077	Labour	1.01024	day
SM0018	Extra for random rubble masonry work with hard stone in circular pillars			
				Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	0.83650	day
	LB0076	Labour	0.50282	day
SM0019	Extra for random rubble masonry work with hard stone for mixing water-proofing Materials in cement mortar			
				Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.01688	day
	MT0151	Water proofing compound	1.90000	kg
SM0025	Providing & laying Coursed Rubble Masonry with hard stone hammer-dressed in foundation & plinth - In cement mortar 1:3			
				Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	1.03620	day
	LB0077	Labour	3.31370	day
	MT0043	Sand	0.32100	cu.m
	MT0060	Boulder	1.10000	cu.m
	MT0145	Cement (OPC / PSC)	0.15300	tonne
SM0026	Providing & laying Coursed Rubble Masonry with hard stone hammer-dressed in foundation & plinth - In cement mortar 1:4			
				Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	1.03620	day
	LB0077	Labour	3.31370	day
	MT0043	Sand	0.32100	cu.m
	MT0060	Boulder	1.10000	cu.m
	MT0145	Cement (OPC / PSC)	0.11400	tonne
SM0027	Providing & laying Coursed Rubble Masonry with hard stone hammer-dressed in foundation & plinth - In cement mortar 1:5			
				Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	1.03620	day
	LB0077	Labour	3.31370	day
	MT0043	Sand	0.32100	cu.m
	MT0060	Boulder	1.10000	cu.m
	MT0145	Cement (OPC / PSC)	0.09300	tonne
SM0028	Providing & laying Coursed Rubble Masonry with hard stone hammer-dressed in foundation & plinth - In cement mortar 1:6			
				Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	1.03620	day
	LB0077	Labour	3.31370	day
	MT0043	Sand	0.32100	cu.m
	MT0060	Boulder	1.10000	cu.m
	MT0145	Cement (OPC / PSC)	0.07500	tonne

SM0035	Extra, for C.R. masonry with hard stone in superstructure above plinth, below & including floor 2 level			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	0.15543	day
	LB0077	Labour	0.50512	day
SM0036	Extra, for C.R. masonry with hard stone in superstructure above floor 2 level			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.33292	day
SM0037	Extra, for C.R masonry with hard stone in square or rectangular pillars			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	0.39564	day
	LB0076	Labour	0.39032	day
SM0038	Extra, for C.R masonry with hard stone in circular pillars			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	0.98439	day
	LB0076	Labour	0.50512	day
	MT0060	Boulder	0.32000	cu.m
SM0039	Extra, for C.R masonry with hard stone chisel dressed in foundations and plinth			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	0.08478	day
	LB0077	Labour	0.08036	day
SM0040	Extra, for C.R masonry with hard stone chisel dressed in superstructure above plinth, below & including floor 2			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	0.17427	day
	LB0077	Labour	0.55104	day
SM0041	Extra, for C.R masonry with hard stone for mixing water-proofing Materials			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.01688	day
	MT0151	Water proofing compound	2.30000	kg
SM0050	Providing and laying dry hand packed rubble masonry with stone boulders >0.04 Cu.m			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	0.49926	day
	LB0077	Labour	2.03196	day
	MT0060	Boulder	1.00000	cu.m
SM0051	Providing and laying dry hand packed rubble masonry hammer dressed (facing), with stone-boulder > 0.04 Cu.m			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	0.63585	day
	LB0077	Labour	2.03196	day
	MT0060	Boulder	1.10000	cu.m

SM0052	Providing and laying dry hand packed rubble masonry chisel dressed (facing) with stone-boulder > 0.04 Cu.m		
			Coefficient for per cu.m
Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.75360	day
LB0077	Labour	2.29715	day
MT0060	Boulder	1.10000	cu.m
SM0060	Providing and laying with hard stone (average volume 0.008 Cu.m) hand packed stone masonry in cement concrete mortar 1:2:4, 20mm aggregates		
			Coefficient for per cu.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.00972	day
LB0039	Work Supervisor (Lajab)	0.00777	day
LB0051	Mason Gd.2	0.50897	day
LB0053	Plant Operator Gd.3	0.01088	day
LB0077	Labour	2.97346	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.02310	day
MP0112	Concrete Vibrator(M/C5)	0.02310	day
MT0043	Sand	0.14685	cu.m
MT0060	Boulder	1.00000	cu.m
MT0070	Crushed Rock - 20mm	0.29370	cu.m
MT0145	Cement (OPC / PSC)	0.10603	tonne
SM0061	P&L with hard stone (average volume 0.008 Cu.m) hand packed stone masonry in cement concrete mortar 1:3:6, 20mm aggregates		
			Coefficient for per cu.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.00972	day
LB0039	Work Supervisor (Lajab)	0.00777	day
LB0051	Mason Gd.2	0.50897	day
LB0053	Plant Operator Gd.3	0.01088	day
LB0077	Labour	2.87014	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.02310	day
MP0112	Concrete Vibrator(M/C5)	0.02310	day
MT0043	Sand	0.15510	cu.m
MT0060	Boulder	1.00000	cu.m
MT0070	Crushed Rock - 20mm	0.31020	cu.m
MT0145	Cement (OPC / PSC)	0.07260	tonne
SM0062	Providing and laying hammer dressed stone masonry with hard stone (average volume 0.008 Cu.m) in cement concrete mortar 1:2:4 20mm aggregates		
			Coefficient for per cu.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.00972	day
LB0039	Work Supervisor (Lajab)	0.00777	day
LB0051	Mason Gd.2	0.67524	day
LB0053	Plant Operator Gd.3	0.01088	day
LB0077	Labour	2.87014	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.02310	day
MP0112	Concrete Vibrator(M/C5)	0.02310	day
MT0043	Sand	0.14685	cu.m
MT0060	Boulder	1.10000	cu.m
MT0070	Crushed Rock - 20mm	0.29370	cu.m
MT0145	Cement (OPC / PSC)	0.10603	tonne
SM0063	Providing and laying hammer dressed stone masonry with hard stone (average volume 0.008 Cu.m) in concrete mortar 1:3:6 20mm aggregates		
			Coefficient for per cu.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.00972	day
LB0039	Work Supervisor (Lajab)	0.00777	day
LB0051	Mason Gd.2	0.67524	day

LB0053	Plant Operator Gd.3	0.01088	day
LB0077	Labour	2.87014	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.02310	day
MP0112	Concrete Vibrator(M/C5)	0.02310	day
MT0043	Sand	0.15510	cu.m
MT0060	Boulder	1.10000	cu.m
MT0070	Crushed Rock - 20mm	0.31020	cu.m
MT0145	Cement (OPC / PSC)	0.07260	tonne

SM0064 Providing and laying rubble masonry chisel dressed (facing) with hard stone (average volume 0.008 cu.m) in concrete mortar 1:2:4 20mm aggregates

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	1.09066	day
LB0039	Work Supervisor (Lajab)	0.00777	day
LB0051	Mason Gd.2	0.00972	day
LB0053	Plant Operator Gd.3	0.01088	day
LB0077	Labour	3.69899	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.02310	day
MP0112	Concrete Vibrator(M/C5)	0.02310	day
MT0043	Sand	0.14685	cu.m
MT0060	Boulder	1.10000	cu.m
MT0070	Crushed Rock - 20mm	0.29370	cu.m
MT0145	Cement (OPC / PSC)	0.10603	tonne

SM0065 Providing and laying rubble masonry chisel dressed (facing) with hard stone (average volume 0.008 cu.m) in concrete mortar 1:3:6 20mm aggregates

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	1.09066	day
LB0039	Work Supervisor (Lajab)	0.00777	day
LB0051	Mason Gd.2	0.00972	day
LB0053	Plant Operator Gd.3	0.01088	day
LB0077	Labour	3.69899	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.02310	day
MP0112	Concrete Vibrator(M/C5)	0.02310	day
MT0043	Sand	0.15510	cu.m
MT0060	Boulder	1.10000	cu.m
MT0070	Crushed Rock - 20mm	0.31020	cu.m
MT0145	Cement (OPC / PSC)	0.07260	tonne

SM0070 Providing and laying Hammer dressed dry stone soling

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.63661	day
LB0077	Labour	0.58266	day
MT0060	Boulder	1.10000	cu.m

SM0071 Providing and laying Chisel dressed dry stone soling

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.13806	day
LB0051	Mason Gd.2	0.63661	day
LB0077	Labour	0.60583	day
MT0060	Boulder	1.10000	cu.m

SM0072 Providing and laying Hand packed stone filling or soling with stones

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.40651	day
LB0077	Labour	0.37206	day
MT0060	Boulder	1.00000	cu.m

SM0073 Providing and laying Hammer dressed stone edging 150 x 250 mm with stones including excavation, refilling and disposal of surplus earth within 30 m lead

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.02531	day
LB0051	Mason Gd.2	0.01304	day
LB0077	Labour	0.06950	day
MT0060	Boulder	0.04600	cu.m

SM0080 Providing and laying hammer dressed 150mm thick flat stone pavement with hammer dressed stone edging 150mm wide & 250mm deep on both sides, including grouting joints - With cement concrete mortar 1:3:6,

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05023	day
LB0039	Work Supervisor (Lajab)	0.00134	day
LB0051	Mason Gd.2	0.09878	day
LB0053	Plant Operator Gd.3	0.00188	day
LB0077	Labour	0.22551	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00245	day
MP0112	Concrete Vibrator(M/C5)	0.00245	day
MT0043	Sand	0.01645	cu.m
MT0060	Boulder	0.19360	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.03290	cu.m
MT0145	Cement (OPC / PSC)	0.00779	tonne

SM0081 Providing and laying hammer dressed 150mm thick flat stone pavement with hammer dressed stone edging 150mm wide & 250mm deep on both sides, including grouting joints - With cement mortar 1:3

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.09994	day
LB0051	Mason Gd.2	0.09710	day
LB0077	Labour	0.24197	day
MT0043	Sand	0.00246	cu.m
MT0060	Boulder	0.19360	cu.m
MT0145	Cement (OPC / PSC)	0.00117	tonne

SM0082 Providing and laying hammer dressed 150mm thick flat stone pavement with hammer dressed stone edging 150mm wide & 250mm deep on both sides, including grouting joints - With sand or earth etc.

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05568	day
LB0051	Mason Gd.2	0.11145	day
LB0077	Labour	0.29884	day
MT0043	Sand	0.00200	cu.m
MT0060	Boulder	0.24420	cu.m

SM0090 P&L hammer dressed flat stone paving in cement mortar 1:6 on prepared bedding (excluding the cost of bedding) - 20mm

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.69030	day
LB0077	Labour	0.14119	day
MT0043	Sand	0.00107	cu.m
MT0061	Dolep	1.05000	sq.m
MT0145	Cement (OPC / PSC)	0.00025	tonne

SM0091	P&L hammer dressed flat stone paving in cement mortar 1:6 on prepared bedding (excluding the cost of bedding) - 30mm			
				Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.92040	day
	LB0077	Labour	0.14119	day
	MT0043	Sand	0.00107	cu.m
	MT0061	Dolep	1.05000	sq.m
	MT0145	Cement (OPC / PSC)	0.00025	tonne
SM0092	P&L hammer dressed flat stone paving in cement mortar 1:6 on prepared bedding (excluding the cost of bedding) - 40mm			
				Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	1.15050	day
	LB0077	Labour	0.14119	day
	MT0043	Sand	0.00107	cu.m
	MT0061	Dolep	1.05000	sq.m
	MT0145	Cement (OPC / PSC)	0.00025	tonne
SM0093	Providing and laying hammer dressed dry dolep paving with minimum stone thickness 30mm including preparation of bed			
				Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd. 1	0.92040	day
	LB0077	Labour	0.14040	day
	MT0061	Dolep	1.05000	sq.m
SM0094	Providing and laying hammer dressed dry dolep paving with minimum stone thickness 40mm including preparation of bed			
				Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd. 1	1.15050	day
	LB0077	Labour	0.14040	day
	MT0061	Dolep	1.05000	sq.m
SM0100	P&L all sides chisel dressed flat stone paving in cement mortar 1:6 on prepared bedding (excluding the cost of bedding) - 20mm			
				Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.92040	day
	LB0077	Labour	0.14119	day
	MT0043	Sand	0.00107	cu.m
	MT0061	Dolep	1.05000	sq.m
	MT0145	Cement (OPC / PSC)	0.00025	tonne
SM0101	P&L all sides chisel dressed flat stone paving in cement mortar 1:6 on prepared bedding (excluding the cost of bedding) - 30mm			
				Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	1.15050	day
	LB0077	Labour	0.14119	day
	MT0043	Sand	0.00107	cu.m
	MT0061	Dolep	1.05000	sq.m
	MT0145	Cement (OPC / PSC)	0.00025	tonne
SM0102	P&L all sides chisel dressed flat stone paving in cement mortar 1:6 on prepared bedding (excluding the cost of bedding) - 40mm			
				Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	1.45730	day

LB0077	Labour	0.14119	day
MT0043	Sand	0.00107	cu.m
MT0061	Dolep	1.05000	sq.m
MT0145	Cement (OPC / PSC)	0.00025	tonne
SM0103	Providing and laying chisel dressed dry dolep paving with minimum stone thickness 30mm including		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd. 1	1.15050	day
LB0077	Labour	0.14040	day
MT0061	Dolep	1.05000	sq.m
SM0104	Providing and laying chisel dressed dry dolep paving with minimum stone thickness 40mm including		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd. 1	1.45730	day
LB0077	Labour	0.14040	day
MT0061	Dolep	1.05000	sq.m
SM0110	P&L pointing on stone work with cement mortar 1:3 - Flush pointing		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07210	day
LB0077	Labour	0.08978	day
MT0043	Sand	0.00246	cu.m
MT0145	Cement (OPC / PSC)	0.00117	tonne
SM0111	P&L pointing on stone work with cement mortar 1:3 - Ruled pointing		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07747	day
LB0077	Labour	0.09659	day
MT0043	Sand	0.00246	cu.m
MT0145	Cement (OPC / PSC)	0.00117	tonne
SM0112	P&L pointing on stone work with cement mortar 1:3 - Raised and cut pointing		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.15532	day
LB0077	Labour	0.16903	day
MT0043	Sand	0.00407	cu.m
MT0145	Cement (OPC / PSC)	0.00194	tonne
SM0120	Providing & filling hand-packed stone in G.I mesh 4mm (8swg)including supplying and weaving of mesh complete - Double-knotted mesh....100mm		
		Coefficient for per cu.m	
Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.40651	day
LB0077	Labour	1.11618	day
MT0060	Boulder	1.00000	cu.m
MT0230	G.I double knotted mesh - 100 x 100 x 8-gauge	4.00000	sq.m
SM0121	Providing & filling hand-packed stone in G.I mesh 4mm (8swg)including supplying and weaving of mesh complete - Double-knotted mesh....150mm		
		Coefficient for per cu.m	
Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.40651	day
LB0077	Labour	1.11618	day
MT0060	Boulder	1.00000	cu.m
MT0232	G.I double knotted mesh - 150 x 150 x 8-gauge	4.00000	sq.m

SM0122	Providing & filling hand-packed stone in G.I mesh 4mm (8swg)including supplying and weaving of mesh complete - Chain-link mesh....100mm	Coefficient for per cu.m	
Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.40651	day
LB0077	Labour	1.11618	day
MT0060	Boulder	1.00000	cu.m
MT0240	G.I chain-link mesh - 100 x 100 x 8-gauge	4.00000	sq.m
SM0125	Providing & filling hand-packed stone in G.I mesh 3.25mm (10swg) including supplying of machine woven mesh complete - Doubly twisted hexagonal mesh (90mm x 100mm)opening.	Coefficient for per Cu.m	
Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.40651	day
LB0077	labourer	1.11618	day
MT0060	Boulder	1.00000	cu.m
MT0256	G.I wire (assorted diameters)	15.16000	Kg
SM0126	Providing & filling hand-packed stone in G.I mesh 3.25mm (10swg) including supplying of machine woven mesh complete - Doubly twisted hexagonal mesh (100mm x 120mm) opening.	Coefficient for per Cu.m	
Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.40651	day
LB0077	labourer	1.11618	day
MT0060	Boulder	1.00000	cu.m
MT0256	G.I wire (assorted diameters)	13.85000	Kg
SM0127	Providing & filling hand-packed stone in G.I mesh 2.64mm (12swg) including supplying of machine woven mesh complete - Doubly twisted hexagonal mesh (90mm x 100mm) opening.	Coefficient for per Cu.m	
Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.40651	day
LB0077	labourer	1.11618	day
MT0060	Boulder	1.00000	cu.m
MT0256	G.I wire (assorted diameters)	12.16000	Kg
SM0128	Providing & filling hand-packed stone in G.I mesh 2.64mm (12swg) including supplying of machine woven mesh complete - Doubly twisted hexagonal mesh (100mm x 120mm) opening.	Coefficient for per Cu.m	
Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.40651	day
LB0077	labourer	1.11618	day
MT0060	Boulder	1.00000	cu.m
MT0256	G.I wire (assorted diameters)	11.00000	Kg
SM0130	P&L Precast Stone Masonry blocks (1:5:8) in cement mortar 1:6 in foundation and plinth - 30 cms thick	Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.50545	day
LB0039	Work Supervisor (Lajab)	0.00790	day
LB0051	Mason Gd.2	0.00989	day
LB0077	Labour	0.87325	day
MT0043	Sand	0.12339	cu.m
MT0060	Boulder	0.00500	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.18400	cu.m
MT0145	Cement (OPC / PSC)	0.03310	tonne

SM0131 P&L Precast Stone Masonry blocks (1:5:8) in cement mortar 1:6 in foundation and plinth - 20 cms thick
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.33748	day
LB0039	Work Supervisor (Lajab)	0.00616	day
LB0051	Mason Gd.2	0.00690	day
LB0077	Labour	0.57693	day
MT0043	Sand	0.08116	cu.m
MT0060	Boulder	0.00370	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.12900	cu.m
MT0145	Cement (OPC / PSC)	0.02207	tonne

SM0140 P&L Precast Stone Masonry blocks (1:5:8) in cement mortar 1:6 in superstructure up to floor two level - 20 cms thick
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.33748	day
LB0039	Work Supervisor (Lajab)	0.00537	day
LB0051	Mason Gd.2	0.00690	day
LB0077	Labour	0.58665	day
MT0043	Sand	0.08116	cu.m
MT0060	Boulder	0.00370	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.12900	cu.m
MT0145	Cement (OPC / PSC)	0.02207	tonne

SM0141 P&L Precast Stone Masonry blocks (1:5:8) in cement mortar 1:6 in superstructure up to floor two level - 15 cms thick
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.25311	day
LB0039	Work Supervisor (Lajab)	0.00403	day
LB0051	Mason Gd.2	0.00522	day
LB0077	Labour	0.43994	day
MT0043	Sand	0.06084	cu.m
MT0060	Boulder	0.00270	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.09700	cu.m
MT0145	Cement (OPC / PSC)	0.01660	tonne

SM0142 P&L Precast Stone Masonry blocks (1:5:8) in cement mortar 1:6 in superstructure up to floor two level - 10 cms thick
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.16874	day
LB0039	Work Supervisor (Lajab)	0.00268	day
LB0051	Mason Gd.2	0.00345	day
LB0077	Labour	0.30743	day
MT0043	Sand	0.04063	cu.m
MT0060	Boulder	0.00150	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.06500	cu.m
MT0145	Cement (OPC / PSC)	0.01105	tonne

SM0150 Extra, for Precast Stone Masonry blocks in superstructure above floor two level...per floor
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.20358	day

CHAPTER 11 : WOOD WORK**WW0001 Providing & fixing in position dressed wood work in frames of doors, windows, clerestory windows and other frames, wrought and framed - class 'A' ,(conifer)****Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	5.07831	day
LB0033	Carpenter Gd.2	5.07831	day
LB0077	Labour	4.64794	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	1.05000	cu.m

WW0003 Providing & fixing in position dressed wood work in frames of doors, windows, clerestory windows and other frames, wrought and framed - Class 'B', (conifer)**Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	5.07831	day
LB0033	Carpenter Gd.2	5.07831	day
LB0077	Labour	4.64794	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	1.05000	cu.m

WW0004 Providing & fixing in position dressed wood work in frames of doors, windows, clerestory windows and other frames, wrought and framed - class 'A' ,(broad leaf)**Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	5.07831	day
LB0033	Carpenter Gd.2	5.07831	day
LB0077	Labour	4.64794	day
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.05000	cu.m

WW0005 Providing & fixing in position dressed wood work in frames of doors, windows, clerestory windows and other frames, wrought and framed - class 'B' ,(broad leaf)**Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	5.07831	day
LB0033	Carpenter Gd.2	5.07831	day
LB0077	Labour	4.64794	day
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	1.05000	cu.m

WW0010 Providing & fixing class 'A' ,(conifer) moulded beading to door, window frames with iron screws including plugs, priming coat on unexposed surfaces - 50 x 12 mm**Coefficient for per m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.10163	day
LB0052	Painter Gd.1	0.00190	day
LB0076	Labour	0.00174	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.00066	cu.m
MT0714	Pink primer, for wood	0.00600	litre

WW0011 Providing & fixing class 'A' ,(conifer) moulded beading to door, window frames with iron screws including plugs, priming coat on unexposed surfaces - 50 x 20 mm**Coefficient for per m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.10163	day
LB0052	Painter Gd.1	0.00214	day
LB0076	Labour	0.00196	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.00110	cu.m
MT0714	Pink primer, for wood	0.00675	litre

WW0020 Providing & fixing joists, including hoisting, applying wood preservative on unexposed surfaces - class 'A', (conifer)**Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	2.68450	day
LB0039	Work Supervisor (Lajab)	2.68450	day
LB0052	Painter Gd.1	0.03060	day
LB0077	Labour	4.94201	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	1.05000	cu.m
MT0735	Wood preservative -Brown	0.21000	litre

WW0021 Providing & fixing joists, including hoisting, applying wood preservative on unexposed surfaces - Class 'B', (conifer)**Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	2.68450	day
LB0039	Work Supervisor (Lajab)	2.68450	day
LB0052	Painter Gd.1	0.03060	day
LB0077	Labour	4.94201	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	1.05000	cu.m
MT0735	Wood preservative -Brown	0.21000	litre

WW0022 Providing & fixing joists, including hoisting, applying wood preservative on unexposed surfaces - class 'A' ,(broad leaf)**Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	2.68450	day
LB0039	Work Supervisor (Lajab)	2.68450	day
LB0052	Painter Gd.1	0.03060	day
LB0077	Labour	4.94201	day
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.05000	cu.m
MT0735	Wood preservative -Brown	0.21000	litre

WW0023 Providing & fixing joists, including hoisting, applying wood preservative on unexposed surfaces - class 'B' ,(broad leaf)**Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	2.68450	day
LB0039	Work Supervisor (Lajab)	2.68450	day
LB0052	Painter Gd.1	0.03060	day
LB0077	Labour	4.94201	day
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	1.05000	cu.m
MT0735	Wood preservative -Brown	0.21000	litre

WW0030 Providing & fixing Eaves board (225x25mm) with moulding fitted and fixed with necessary screws - Class 'B', (conifer)**Coefficient for per m**

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.07823	day
LB0077	Labour	0.04914	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00610	cu.m

WW0035 Providing, making & fixing woodwork dressed in traditional cornices complete as per standard design in Class 'B', (conifer), including applying wood preservative on unexposed surfaces, excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - At floor one level including lhanglag

Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.76700	day
LB0033	Carpenter Gd.2	0.76700	day
LB0052	Painter Gd.1	0.01457	day
LB0077	Labour	0.71534	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.06740	cu.m
MT0735	Wood preservative -Brown	0.20000	litre

WW0036 Providing, making & fixing woodwork dressed in traditional cornices complete as per standard design in Class 'B', (conifer), including applying wood preservative on unexposed surfaces, excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - At all other floor levels (excluding phana)

Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.95875	day
LB0033	Carpenter Gd.2	0.95875	day
LB0052	Painter Gd.1	0.03060	day
LB0077	Labour	1.08101	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.09860	cu.m
MT0735	Wood preservative -Brown	0.30000	litre

WW0037 Providing, making & fixing woodwork dressed in traditional cornices complete as per standard design in Class 'B', (conifer), including applying wood preservative on unexposed surfaces, excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - For single-storeyed structure including phana

Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.76700	day
LB0033	Carpenter Gd.2	0.76700	day
LB0052	Painter Gd.1	0.04372	day
LB0077	Labour	0.71534	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.09790	cu.m
MT0735	Wood preservative -Brown	0.33000	litre

WW0038 Providing, making & fixing woodwork dressed in traditional cornices complete as per standard design in Class 'B', (conifer), including applying wood preservative on unexposed surfaces, excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - Phana

Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.38350	day
LB0033	Carpenter Gd.2	0.38350	day
LB0052	Painter Gd.1	0.02915	day
LB0077	Labour	0.73268	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.03338	cu.m
MT0735	Wood preservative -Brown	0.20000	litre

WW0039 Providing, making & fixing woodwork dressed in traditional cornices complete as per standard design in Class 'B', (conifer), including applying wood preservative on unexposed surfaces, excluding decorative painting: (Measurement to be taken along the cornice and wall junction line) - Lintel level

Coefficient for per m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.65962	day
LB0033	Carpenter Gd.2	0.65962	day
LB0077	Labour	0.10039	day

MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.07600	cu.m
WW0045	Providing & fixing traditional wooden Tshegay for windows/railing etc. as per standard design - In Class 'B', (conifer)		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	3.87335	day
LB0077	Labour	0.73921	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.03200	cu.m
WW0046	Providing & fixing traditional wooden Tshegay for windows/railing etc. as per standard design - In class 'A', (conifer)		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	3.87335	day
LB0077	Labour	0.73921	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.03200	cu.m
WW0050	Providing & fixing FRP Bhutan type traditional cornices complete as per standard design including the cost of TMT re-bars and excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - Single bho, phana,pem and dhung		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.22572	day
LB0032	Blacksmith (Metal-worker)	0.01509	day
LB0077	Labour	0.16418	day
MT2025	FRP cornices (Single bho, phana, pem and dhung)	1.00000	m
WW0051	Providing & fixing FRP Bhutan type traditional cornices complete as per standard design including the cost of TMT re-bars and excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - Double bho, phana, pem and dhung		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.24720	day
LB0032	Blacksmith(Metal-worker)	0.01509	day
LB0077	Labour	0.21739	day
MT2026	FRP cornices (Double bho, phana, pem and dhung)	1.00000	m
WW0052	Providing & fixing FRP Bhutan type traditional cornices complete as per standard design including the cost of TMT re-bars and excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - Double bho, phana, choetse, pem and dhung		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.24720	day
LB0032	Blacksmith(Metal-worker)	0.01509	day
LB0077	Labour	0.21739	day
MT2027	FRP cornices (Double bho, phana, choetse, pem and dhung)	1.00000	m
WW0053	Providing & fixing FRP Bhutan type traditional cornices complete as per standard design including the cost of TMT re-bars and excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - Double bho, pem and dhung		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.22572	day
LB0032	Blacksmith(Metal-worker)	0.01509	day
LB0077	Labour	0.23329	day
MT2028	FRP cornices (Double bho, pem and dhung)	1.00000	m

WW0054 Providing & fixing FRP Bhutan type traditional cornices complete as per standard design including the cost of TMT re-bars and excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - Tsechukhanyim

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.22420	day
LB0032	Blacksmith(Metal-worker)	0.01509	day
LB0077	Labour	0.18885	day
MT2029	FRP cornices (Tsechukhanyim)	1.00000	m

WW0071 Providing & fixing GRC Bhutan type traditional cornices complete as per standard design including the cost of TMT re-bars, MS plates and angles, excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - Single bhog,phana,pem and dung

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.42887	day
LB0032	Blacksmith(Metal-worker)	0.02945	day
LB0077	Labour	0.20040	day
MT2035	GRCcornices (Single bhog,phana, pem and dung)	1.00000	m

WW0072 Providing & fixing GRC Bhutan type traditional cornices complete as per standard design including the cost of TMT re-bars, MS plates and angles, excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - Double bogh.phana,pem and dung

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.51937	day
LB0032	Blacksmith(Metal-worker)	0.02945	day
LB0077	Labour	0.24223	day
MT2036	GRCcornices (Double bogh,phana,pem and dhung)	1.00000	m

WW0073 Providing & fixing GRC Bhutan type traditional cornices complete as per standard design including the cost of TMT re-bars, MS plates and angles, excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - Double bogh.phana,choetse,pem and dung

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.51937	day
LB0032	Blacksmith(Metal-worker)	0.02945	day
LB0077	Labour	0.24223	day
MT2037	GRC cornices (Double bogh,phana,choetse, pem and dhung)	1.00000	m

WW0074 Providing & fixing GRC Bhutan type traditional cornices complete as per standard design including the cost of TMT re-bars, MS plates and angles, excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - Double bogh,pem and dung

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.42887	day
LB0032	Blacksmith(Metal-worker)	0.02945	day
LB0077	Labour	0.20040	day
MT2038	GRC cornices (Double bogh,pem and dhung)	1.00000	m

WW0075 Providing & fixing GRC Bhutan type traditional cornices complete as per standard design including the cost of TMT re-bars, MS plates and angles, excluding decorative painting (Measurement to be taken along the cornice and wall junction line) - Tsechukhanyim

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.48696	day
LB0032	Blacksmith(Metal-worker)	0.05055	day
LB0077	Labour	0.25654	day
MT2039	GRC cornices (Tsechukhanyim)	1.00000	m

WW0730 Providing and fixing of Traditional Bhutanese style GRC door cornice as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete -1000mmX425mm

Coefficient for per each

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.26062	day
LB0077	Labour	0.28411	day
MT2040	GRC Door cornice-1000mmX425mm	1	each

WW0731 Providing and fixing of Traditional Bhutanese style GRC door cornice as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete -1200mmX425mm

Coefficient for per each

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.26062	day
LB0077	Labour	0.28411	day
MT2041	GRC Door cornice-1200mmX425mm	1	each

WW0732 Providing and fixing of Traditional Bhutanese style GRC door cornice as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete -1410mmX425mm

Coefficient for per each

Code	Description	Quant	Units
LB0036	Mason Gd.1	0.26062	day
LB0077	Labour	0.28411	day
MT2042	GRC Door cornice-1410mmX425mm	1	each

WW0733 Providing and fixing of Traditional Bhutanese style GRC door cornice as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete -1600mmX425mm

Coefficient for per each

Code	Description	Quant	Units
LB0036	Mason Gd.1	0.26062	day
LB0077	Labour	0.28411	day
MT2043	GRC Door cornice-1600mmX425mm	1	each

WW0734 Providing and fixing of Traditional Bhutanese style GRC door cornice as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete -1800mmX425mm

Coefficient for per each

Code	Description	Quant	Units
LB0036	Mason Gd.1	0.26062	day
LB0077	Labour	0.28411	day
MT2044	GRC Door cornice-1800mmX425mm	1	each

WW0735 Providing and fixing of Traditional Bhutanese style GRC cornice over door as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete -2000mmX425mm

Coefficient for per each

Code	Description	Quant	Units
LB0036	Mason Gd.1	0.26062	day
LB0077	Labour	0.28411	day
MT2045	GRC Door cornice-2000mmX425mm	1	each

WW0055 Providing & fixing Class 'B', (conifer) (undressed) in wall-frames etc

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	5.77781	day
LB0077	Labour	5.28817	day
MT0330	Rough-sawn timber (urban rate) - Class 'B' (conifer)	1.05000	cu.m

WW0056 Providing & fixing class 'B' ,(broad leaf) (undressed) in wall-frames etc

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	5.77781	day

LB0077	Labour	5.28817	day
MT0333	Rough-sawn timber - Class 'B' (Broad Leaf)	1.05000	cu.m
WW0060	Providing & fixing roof framing, in trusses, purlins, rafters, posts, post plates including hoisting, etc (excluding steel items) - Class 'B', (conifer)		
Coefficient for per cu.m			
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	6.36610	day
LB0033	Carpenter Gd.2	6.36610	day
LB0077	Labour	5.82660	day
MT0330	Rough-sawn timber (urban rate) - Class 'B',(conifer)	1.05000	cu.m
WW0061	Providing & fixing roof framing, in trusses, purlins, rafters, posts, post plates including hoisting, etc (excluding steel items) - class 'A' ,(conifer)		
Coefficient for per cu.m			
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	6.36610	day
LB0033	Carpenter Gd.2	6.36610	day
LB0077	Labour	5.82660	day
MT0331	Rough-sawn timber (urban rate) - Class 'A' (conifer)	1.05000	cu.m
WW0062	Providing & fixing roof framing, in trusses, purlins, rafters, posts, post plates including hoisting, etc (excluding steel items) - class 'A' ,(broad leaf)		
Coefficient for per cu.m			
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	6.36610	day
LB0033	Carpenter Gd.2	6.36610	day
LB0077	Labour	5.82660	day
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.05000	cu.m
WW0063	Providing & fixing roof framing, in trusses, purlins, rafters, posts, post plates including hoisting, etc (excluding steel items) - Class 'B', (Broad Leaf)		
Coefficient for per cu.m			
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	6.36610	day
LB0033	Carpenter Gd.2	6.36610	day
LB0077	Labour	5.82660	day
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	1.05000	cu.m
WW0070	Providing & fixing gussets for timber trusses including wood preservative (coal tar) - 12mm phenolic plywood		
Coefficient for per Sq.m			
Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.21376	day
LB0077	Labour	0.11674	day
MT0343	12mm, commercial ply	1.05000	sq.m
WW0080	Providing and fixing to frames (wall or ceiling) Gypsum plaster board including finishing of joints smooth complete (excluding cost of frame) - 10mm thick		
Coefficient for per Sq.m			
Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.20709	day
LB0077	Labour	0.16848	day
MT0345	Gypsum Wallboard - 10mm	1.05000	sq.m
WW0081	Providing and fixing to frames (wall or ceiling) Gypsum plaster board including finishing of joints smooth complete (excluding cost of frame) - 12mm thick		
Coefficient for per Sq.m			
Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.20709	day
LB0077	Labour	0.16848	day

MT0346	Gypsum Wallboard - 12mm	1.05000	sq.m
WW0082	Providing and fixing to frames (wall or ceiling) Gypsum plaster board including finishing of joints smooth complete (excluding cost of frame) - 15mm thick		
Coefficient for per Sq.m			
Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.20709	day
LB0077	Labour	0.16848	day
MT0347	Gypsum Wallboard - 15mm	1.05000	sq.m
WW0086	Providing and fixing to frames mineral fibre board ceiling of size 595X595 mm of approved texture, design and pattern including Galvanized Steel interlocking grid frame of 24mmx38mm T sections and wall angle of 24mmx24mm with all accessories such as 6mm dia fully threaded hanger rod, anchor fasteners, and S.S. screws complete- 16mm		
Coefficient for per sq.m			
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.28000	day
LB0077	Labour	0.23000	day
MT0348	Mineral fibre ceiling tiles 595x595 mm, 16 mm thick (including 5% for wastage)	1.05000	sq.m
MT0265	Galvanised Steel T section of size 24mmX38mm, including (10 % wastage)	3.59456	m
MT0266	Galvanised Steel perimeter wall Angle of size 24mm x 24mm (including 10 % wastage)	0.94626	m
MT0267	Galvanised Iron hanger rod 6mm dia fully threaded	0.72000	m
WW0087	Providing and fixing to frames mineral fibre board ceiling of size 595X595 mm of approved texture, design and pattern including Galvanized Steel interlocking grid frame of 24mmx38mm T sections and wall angle of 24mmx24mm with all accessories such as 6mm dia fully threaded hanger rod, anchor fasteners, and S.S. screws		
Coefficient for per sq.m			
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.28000	day
LB0077	Labour	0.23000	day
MT0349	Mineral fibre ceiling tiles 595x595 mm, 19 mm thick (including 5% for wastage)	1.05000	sq.m
MT0265	Galvanised Steel T section of size 24mmX38mm, including (10 % wastage)	3.59456	m
MT0266	Galvanised Steel perimeter wall Angle of size 24mm x 24mm (including 10 % wastage)	0.94626	m
MT0267	Galvanised Iron hanger rod 6mm dia fully threaded	0.72000	m
WW0090	Providing & fixing to frames (wall or ceiling) class 'A' ,(conifer) plain lining, tongued and grooved, including necessary fixtures, wooden plugs and priming coat on unexposed surfaces (excluding cost of frames) - 12 mm thick		
Coefficient for per Sq.m			
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.15532	day
LB0052	Painter Gd.1	0.02378	day
LB0077	Labour	0.09196	day
MT0331	Rough-sawn timber (urban rate) - Class 'A' (conifer)	0.01320	cu.m
MT0714	Pink primer, for wood	0.07500	litre
WW0091	Providing & fixing to frames (wall or ceiling) class 'A' ,(conifer) plain lining, tongued and grooved, including necessary fixtures, wooden plugs and priming coat on unexposed surfaces (excluding cost of frames) - 20 mm thick		
Coefficient for per Sq.m			
Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.15532	day
LB0052	Painter Gd.1	0.02378	day
LB0077	Labour	0.07020	day

MT0331	Rough-sawn timber (urban rate) - Class 'A' (conifer)	0.02200	cu.m
MT0714	Pink primer, for wood	0.07500	litre
WW0100	Providing & fixing to frames (wall or ceiling) Plain Particle Board Lining with necessary nails etc. complete (excluding cost of frame) - 6mm		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0365	Plain Particle Board - 6mm	1.00000	sq.m
WW0101	Providing & fixing to frames (wall or ceiling) Plain Particle Board Lining with necessary nails etc. complete (excluding cost of frames) - 10mm		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0366	Plain Particle Board - 10mm	1.00000	sq.m
WW0102	Providing & fixing to frames (wall or ceiling) Plain Particle Board Lining with necessary nails etc. complete (excluding cost of frames) - 12mm		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0367	Plain Particle Board - 12mm	1.00000	sq.m
WW0103	Providing & fixing to frames (wall or ceiling) Plain Particle Board Lining with necessary nails etc. complete (excluding cost of frames) - 18mm		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0368	Plain Particle Board - 18mm	1.00000	sq.m
WW0110	Providing & fixing Pre-laminated Particle Board Lining with necessary nails etc. complete (excluding cost of frame) - 8 mm		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0375	Pre-laminated Particle Board (one side) - 8mm	1.00000	sq.m
WW0111	Providing & fixing Pre-laminated Particle Board Lining with necessary nails etc. complete (excluding cost of frame) - 10 mm		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0376	Pre-laminated Particle Board (one side) - 10mm	1.00000	sq.m
WW0112	Providing & fixing Pre-laminated Particle Board Lining with necessary nails etc. complete (excluding cost of frame) - 12 mm		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0377	Pre-laminated Particle Board (one side) - 12mm	1.00000	sq.m

WW0113	Providing & fixing Pre-laminated Particle Board Lining with necessary nails etc. complete (excluding cost of frame) - 18 mm			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.18255	day
	LB0077	Labour	0.16708	day
	MT0378	Pre-laminated Particle Board (one side) - 18mm	1.00000	sq.m
WW0120	Providing & fixing Cement Bonded Particle Board (pre-laminated both sides for wall/ceiling) lining with necessary nails/screws etc. complete, excluding the cost of frame) - 6 mm			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.18255	day
	LB0077	Labour	0.16708	day
	MT0350	Pre-laminated (both sides) Cement Bonded Particle Board - 6mm	1.00000	sq.m
WW0121	Providing & fixing Cement Bonded Particle Board (pre-laminated both sides for wall/ceiling) lining with necessary nails/screws etc. complete, excluding the cost of frame) - 8 mm			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.18255	day
	LB0077	Labour	0.16708	day
	MT0351	Pre-laminated (both sides) Cement Bonded Particle Board - 8mm	1.00000	sq.m
WW0122	Providing & fixing Cement Bonded Particle Board (pre-laminated both sides for wall/ceiling) lining with necessary nails/screws etc. complete, excluding the cost of frame) - 10 mm			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.18255	day
	LB0077	Labour	0.16708	day
WW0123	Providing & fixing Cement Bonded Particle Board (pre-laminated both sides for wall/ceiling) lining with necessary nails/screws etc. complete, excluding the cost of frame) - 12 mm			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.18255	day
	LB0077	Labour	0.16708	day
	MT0353	Pre-laminated (both sides) Cement Bonded Particle Board - 12mm	1.00000	sq.m
WW0124	Providing & fixing Cement Bonded Particle Board (pre-laminated both sides for wall/ceiling) lining with necessary nails/screws etc. complete, excluding the cost of frame) - 16 mm			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.18255	day
	LB0077	Labour	0.16708	day
	MT0354	Pre-laminated (both sides) Cement Bonded Particle Board - 16mm	1.00000	sq.m
WW0125	Providing & fixing Cement Bonded Particle Board (pre-laminated both sides for wall/ceiling) lining with necessary nails/screws etc. complete, excluding the cost of frame) - 20 mm			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.18255	day
	LB0077	Labour	0.16708	day
	MT0355	Pre-laminated (both sides) Cement Bonded Particle Board - 20mm	1.00000	sq.m

WW0130 Providing & fixing Plywood lining with necessary nails etc. including beading complete (excluding cost of frame) - 4 mm, commercial

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18408	day
LB0033	Carpenter Gd.2	0.20709	day
LB0077	Labour	0.16848	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00420	cu.m
MT0340	4mm, commercial ply	1.05000	sq.m

WW0131 Providing & fixing Plywood lining with necessary nails etc. including beading complete (excluding cost of frame) - 4 mm, teak

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18408	day
LB0033	Carpenter Gd.2	0.20709	day
LB0077	Labour	0.16848	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00420	cu.m
MT0341	4mm, teak ply	1.05000	sq.m

WW0132 Providing & fixing Plywood lining with necessary nails etc. including beading complete (excluding cost of frame) - 6 mm, commercial

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18408	day
LB0033	Carpenter Gd.2	0.20709	day
LB0077	Labour	0.16848	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00420	cu.m
MT0342	6mm, commercial ply	1.05000	sq.m

WW0140 Providing & fixing Pre-fabricated wall panelling profiles with necessary nails etc. complete but excluding the cost of frame) - 19 mm, class 'A' ,(conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0400	Wall panelling - 19mm, class 'A' ,(conifer)	1.00000	sq.m

WW0141 Providing & fixing Pre-fabricated wall panelling profiles with necessary nails etc. complete but excluding the cost of frame) - 19 mm, Class 'B', (conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0403	Wall panelling - 19mm, Class 'B', (conifer)	1.00000	sq.m

WW0142 Providing & fixing Pre-fabricated wall panelling profiles with necessary nails etc. complete but excluding the cost of frame) - 15 mm, class 'A' ,(conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0401	Wall panelling - 15mm, class 'A' ,(conifer)	1.00000	sq.m

WW0150 Providing & fixing wooden skirting in Class 'B', (conifer) with necessary nails or screws complete - 20 mm

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	1.61392	day
LB0036	Mason Gd.1	0.07992	day
LB0052	Painter Gd.1	0.02378	day

LB0077	Labour	0.42394	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02100	cu.m
MT0714	Pink primer, for wood	0.07500	litre
WW0151	Providing & fixing wooden skirting in Class 'B', (conifer) with necessary nails or screws complete - 25 mm		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	1.61392	day
LB0036	Mason Gd.1	0.07992	day
LB0052	Painter Gd.1	0.02378	day
LB0077	Labour	0.42394	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02630	cu.m
MT0714	Pink primer, for wood	0.07500	litre
WW0160	Providing & fixing 75mm thick split bamboo wall including grooving frames, 20mm plaster cement mortar 1:4		
	both sides (excluding cost of frame)		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.08253	day
LB0036	Mason Gd.1	0.20709	day
LB0077	Labour	0.36020	day
MT0043	Sand	0.04794	cu.m
MT0145	Cement (OPC / PSC)	0.01702	tonne
MT0391	Bamboo - 75mm dia	13.30000	m
WW0161	Providing & fixing 75mm thick split bamboo wall including grooving frames, 20mm plaster cement mortar 1:5		
	both sides (excluding cost of frame)		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.08253	day
LB0036	Mason Gd.1	0.20709	day
LB0077	Labour	0.36020	day
MT0043	Sand	0.04794	cu.m
MT0145	Cement (OPC / PSC)	0.01389	tonne
MT0391	Bamboo - 75mm dia	13.30000	m
WW0162	Providing & fixing 75mm thick split bamboo wall including grooving frames, 20mm plaster cement mortar 1:6		
	both sides (excluding cost of frame)		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.08253	day
LB0036	Mason Gd.1	0.20709	day
LB0077	Labour	0.36020	day
MT0043	Sand	0.04794	cu.m
MT0145	Cement (OPC / PSC)	0.01120	tonne
MT0391	Bamboo - 75mm dia	13.30000	m
WW0163	Providing & fixing 75mm thick split bamboo wall including grooving frames, 20mm mud plaster both sides (
	excluding cost of frame)		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.08253	day
LB0077	Labour	0.13455	day
MT0042	Mud dry	0.05376	cu.m
MT0391	Bamboo - 75mm dia	13.30000	m
WW0164	Providing & fixing 150mm thick split bamboo wall including grooving frames, 60mm mud plaster both sides		
	(excluding cost of frame)		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.08253	day
LB0077	Labour	0.27203	day

MT0042	Mud dry	0.14400	cu.m
MT0391	Bamboo - 75mm dia	13.30000	m

WW0165 Providing & fixing split Bamboo Matting (excluding the cost of framing and beading)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.02969	day
MT0392	Bamboo mat	1.05000	sq.m

WW0170 Providing & fixing Panelled or Panelled-&-Glazed partition, single-central-panelling including frame etc complete - 100mm framing, 38mm thick Class 'B', (conifer) panelling

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	1.20087	day
LB0033	Carpenter Gd.2	0.65753	day
LB0036	Mason Gd.1	0.03835	day
LB0077	Labour	0.54333	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.05252	cu.m
MT0656	Plain Glass - 4mm thick	0.23670	sq.m

WW0171 Providing & fixing Panelled or Panelled-&-Glazed partition, single-central-panelling including frame etc complete - 75mm framing, 38mm thick Class 'B', (conifer) panelling

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	1.17192	day
LB0033	Carpenter Gd.2	0.62858	day
LB0036	Mason Gd.1	0.03835	day
LB0077	Labour	0.51683	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.04654	cu.m
MT0656	Plain Glass - 4mm thick	0.23670	sq.m

WW0172 Providing & fixing Panelled or Panelled-&-Glazed partition, single-central-panelling including frame etc complete - 100mm framing, 38mm thick Champ or class 'A', (conifer) panelling

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	1.20087	day
LB0033	Carpenter Gd.2	0.65753	day
LB0036	Mason Gd.1	0.03835	day
LB0077	Labour	0.54333	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.05252	cu.m
MT0656	Plain Glass - 4mm thick	0.23670	sq.m

WW0173 Providing & fixing Panelled or Panelled-&-Glazed partition, single-central-panelling including frame etc complete - 75mm framing, 38mm thick Champ or class 'A', (conifer) panelling

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	1.17192	day
LB0033	Carpenter Gd.2	0.62858	day
LB0036	Mason Gd.1	0.03835	day
LB0077	Labour	0.51683	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.04654	cu.m
MT0656	Plain Glass - 4mm thick	0.23670	sq.m

WW0180 Providing & fixing Plywood panelling from both sides including frame - 100mm framing, 4mm Commercial Ply

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.22243	day
LB0033	Carpenter Gd.2	0.13000	day
LB0036	Mason Gd.1	0.03835	day

LB0052	Painter Gd.1	0.07965	day
LB0077	Labour	0.39546	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02362	cu.m
MT0340	4mm, commercial ply	2.20000	sq.m
MT0714	Pink primer, for wood	0.25125	litre

WW0181 Providing & fixing Plywood panelling from both sides including frame - 75mm framing, 4mm Commercial Ply
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.22243	day
LB0033	Carpenter Gd.2	0.09706	day
LB0036	Mason Gd.1	0.03835	day
LB0052	Painter Gd.1	0.07965	day
LB0077	Labour	0.36532	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.01764	cu.m
MT0340	4mm, commercial ply	2.20000	sq.m
MT0714	Pink primer, for wood	0.25125	litre

WW0182 Providing & fixing Plywood panelling from both sides including frame - 100mm framing, 4mm Teak Ply
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.22243	day
LB0033	Carpenter Gd.2	0.13000	day
LB0036	Mason Gd.1	0.03835	day
LB0052	Painter Gd.1	0.07965	day
LB0077	Labour	0.39546	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02362	cu.m
MT0341	4mm, teak ply	2.20000	sq.m
MT0714	Pink primer, for wood	0.25125	litre

WW0183 Providing & fixing Plywood panelling from both sides including frame - 75mm framing, 4mm Teak Ply
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.22243	day
LB0033	Carpenter Gd.2	0.09706	day
LB0036	Mason Gd.1	0.03835	day
LB0052	Painter Gd.1	0.07418	day
LB0077	Labour	0.36032	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.01764	cu.m
MT0341	4mm, teak ply	2.20000	sq.m
MT0714	Pink primer, for wood	0.23400	litre

WW0190 Providing & fixing Panelled with Pre-fabricated profiles from both sides including the frame and prime coat on concealed face - 100mm, 12mm class 'A' ,(conifer)
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.23010	day
LB0033	Carpenter Gd.2	0.13000	day
LB0036	Mason Gd.1	0.03835	day
LB0052	Painter Gd.1	0.07965	day
LB0077	Labour	0.40248	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02362	cu.m
MT0402	Wall panelling - 12mm, class 'A' ,(conifer)	2.00000	sq.m
MT0714	Pink primer, for wood	0.25125	litre

WW0191 Providing & fixing Panelled with Pre-fabricated profiles from both sides including the frame and prime coat on concealed face - 75mm, 12mm class 'A' ,(conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.23010	day
LB0033	Carpenter Gd.2	0.09706	day
LB0036	Mason Gd.1	0.03835	day
LB0052	Painter Gd.1	0.07418	day
LB0077	Labour	0.36734	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.01764	cu.m
MT0402	Wall panelling - 12mm, class 'A' ,(conifer)	2.00000	sq.m
MT0714	Pink primer, for wood	0.23400	litre

WW0192 Providing & fixing Panelled with Pre-fabricated profiles from both sides including the frame and prime coat on concealed face - 100mm, 12mm Class 'B', (conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.23010	day
LB0033	Carpenter Gd.2	0.13000	day
LB0036	Mason Gd.1	0.03835	day
LB0052	Painter Gd.1	0.07965	day
LB0077	Labour	0.40248	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02362	cu.m
MT0404	Wall panelling - 12mm, conifer	2.00000	sq.m
MT0714	Pink primer, for wood	0.25125	litre

WW0193 Providing & fixing Panelled with Pre-fabricated profiles from both sides including the frame and prime coat on concealed face - 75mm, 12mm Class 'B', (conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.23010	day
LB0033	Carpenter Gd.2	0.09706	day
LB0036	Mason Gd.1	0.03835	day
LB0052	Painter Gd.1	0.07418	day
LB0077	Labour	0.36734	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.01764	cu.m
MT0404	Wall panelling - 12mm, conifer	2.00000	sq.m
MT0714	Pink primer, for wood	0.23400	litre

WW0200 Providing & fixing 25mm thick Panelled or glazed Shutters for cup-boards etc. complete including hinges - class 'A' ,(conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.49088	day
LB0033	Carpenter Gd.2	0.88972	day
LB0039	Work Supervisor (Lajab)	0.05369	day
LB0077	Labour	0.37206	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.02400	cu.m
MT0531	Anodised Aluminium Fittings: Butt Hinges - 75mm	3.00000	each
MT0656	Plain Glass - 4mm thick	0.46000	sq.m

WW0201 Providing & fixing 25mm thick Panelled or glazed Shutters for cup-boards etc. complete including hinges - Class 'B', (conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.33748	day
LB0033	Carpenter Gd.2	0.55991	day
LB0039	Work Supervisor (Lajab)	0.05369	day
LB0077	Labour	0.32994	day

MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02400	cu.m
MT0531	Anodised Aluminium Fittings: Butt Hinges - 75mm	3.00000	each
MT0656	Plain Glass - 4mm thick	0.46000	sq.m

WW0210 Providing & fixing 35mm thick Panelled or glazed doors and windows Shutters etc. complete including hinges - class 'A' ,(conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.50775	day
LB0033	Carpenter Gd.2	0.94111	day
LB0077	Labour	0.40716	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.03200	cu.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	3.00000	each
MT0532	Anodised Aluminium Fittings: Butt Hinges - 50mm	1.00000	each
MT0656	Plain Glass - 4mm thick	0.46000	sq.m

WW0211 Providing & fixing 35mm thick Panelled or glazed doors and windows Shutters etc. complete including hinges - Class 'B', (conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.33748	day
LB0033	Carpenter Gd.2	0.68570	day
LB0077	Labour	0.30888	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.03200	cu.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	3.00000	each
MT0532	Anodised Aluminium Fittings: Butt Hinges - 50mm	1.00000	each
MT0656	Plain Glass - 4mm thick	0.46000	sq.m

WW0220 Providing & fixing 38mm thick Panelled or glazed doors and windows Shutters etc. complete including hinges -

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.50775	day
LB0033	Carpenter Gd.2	0.94111	day
LB0077	Labour	0.40716	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.03400	cu.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	3.00000	each
MT0532	Anodised Aluminium Fittings: Butt Hinges - 50mm	1.00000	each
MT0656	Plain Glass - 4mm thick	0.46000	sq.m

WW0221 Providing & fixing 38mm thick Panelled or glazed doors and windows Shutters etc. complete including hinges - Class 'B', (conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.33748	day
LB0033	Carpenter Gd.2	0.68570	day
LB0077	Labour	0.30888	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.03400	cu.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	3.00000	each
MT0532	Anodised Aluminium Fittings: Butt Hinges - 50mm	1.00000	each
MT0656	Plain Glass - 4mm thick	0.46000	sq.m

WW0230 Providing & fixing 44mm thick Panelled or glazed doors and windows Shutters etc. complete including hinges - class 'A' ,(conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.50775	day
LB0033	Carpenter Gd.2	0.88972	day
LB0039	Work Supervisor (Lajab)	0.05369	day
LB0077	Labour	0.40716	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.03710	cu.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	3.00000	each
MT0532	Anodised Aluminium Fittings: Butt Hinges - 50mm	1.00000	each
MT0656	Plain Glass - 4mm thick	0.46000	sq.m

WW0231 Providing & fixing 44mm thick Panelled or glazed doors and windows Shutters etc. complete including hinges - Class 'B', (conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.33748	day
LB0033	Carpenter Gd.2	0.62127	day
LB0039	Work Supervisor (Lajab)	0.06366	day
LB0077	Labour	0.30888	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.03710	cu.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	3.00000	each
MT0532	Anodised Aluminium Fittings: Butt Hinges - 50mm	1.00000	each
MT0656	Plain Glass - 4mm thick	0.46000	sq.m

WW0240 Providing & fixing 50mm thick Panelled or glazed doors and windows Shutters etc. complete including hinges - class 'A' ,(conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.50775	day
LB0033	Carpenter Gd.2	0.88972	day
LB0039	Work Supervisor (Lajab)	0.05369	day
LB0077	Labour	0.40716	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.04200	cu.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	3.00000	each
MT0532	Anodised Aluminium Fittings: Butt Hinges - 50mm	1.00000	each
MT0656	Plain Glass - 4mm thick	0.46000	sq.m

WW0241 Providing & fixing 50mm thick Panelled or glazed doors and windows Shutters etc. complete including hinges - Class 'B', (conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.33748	day
LB0033	Carpenter Gd.2	0.62127	day
LB0039	Work Supervisor (Lajab)	0.06136	day
LB0077	Labour	0.30888	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.04200	cu.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	4.00000	each
MT0656	Plain Glass - 4mm thick	0.46000	sq.m

WW0250 Providing & fixing Wire-mesh Shutters 25mm for doors & windows using galvanised M.S. wire-gauze 0.56mm dia wire including the cost of hinges - class 'A' ,(conifer)**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.62127	day
LB0033	Carpenter Gd.2	0.44486	day
LB0039	Work Supervisor (Lajab)	0.04986	day
LB0077	Labour	0.45630	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.01800	cu.m
MT0410	Galv. mild steel wire mesh, 85G (0.85mm average width of aperture), 0.56mm dia.	0.66000	sq.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	3.00000	each

WW0251 Providing & fixing Wire-mesh Shutters 25mm for doors & windows using galvanised M.S. wire-gauze 0.56mm dia wire including the cost of hinges - Class 'B', (conifer)**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.33748	day
LB0033	Carpenter Gd.2	0.26845	day
LB0039	Work Supervisor (Lajab)	0.04986	day
LB0077	Labour	0.23166	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.01800	cu.m
MT0410	Galv. mild steel wire mesh, 85G (0.85mm average width of aperture), 0.56mm dia.	0.66000	sq.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	3.00000	each

WW0260 Providing & fixing Wire-mesh Shutters 35mm for doors & windows using galvanised M.S. wire-gauze 0.56mm dia wire including the cost of hinges - class 'A' ,(conifer)**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.62127	day
LB0033	Carpenter Gd.2	0.44486	day
LB0039	Work Supervisor (Lajab)	0.04986	day
LB0077	Labour	0.45630	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.02410	cu.m
MT0410	Galv. mild steel wire mesh, 85G (0.85mm average width of aperture), 0.56mm dia.	0.66000	sq.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	3.00000	each

WW0261 Providing & fixing Wire-mesh Shutters 35mm for doors & windows using galvanised M.S. wire-gauze 0.56mm dia wire including the cost of hinges - Class 'B', (conifer)**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.33748	day
LB0033	Carpenter Gd.2	0.26845	day
LB0039	Work Supervisor (Lajab)	0.04986	day
LB0077	Labour	0.23166	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02410	cu.m
MT0410	Galv. mild steel wire mesh, 85G (0.85mm average width of aperture), 0.56mm dia.	0.66000	sq.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	3.00000	each

WW0270 Providing & fixing Wire-mesh Shutters 38mm for doors & windows using galvanised M.S. wire-gauze 0.56mm dia wire including the cost of hinges - class 'A' ,(conifer)**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.62127	day

LB0033	Carpenter Gd.2	0.44486	day
LB0039	Work Supervisor (Lajab)	0.04986	day
LB0077	Labour	0.45630	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.02600	cu.m
MT0410	Galv. mild steel wire mesh, 85G (0.85mm average width of aperture), 0.56mm dia.	0.66000	sq.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	3.00000	each

WW0271 Providing & fixing Wire-gauze Shutters 38mm for doors & windows using galvanised M.S. wire-gauze 0.56mm dia wire including the cost of hinges - Class 'B', (conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.33748	day
LB0033	Carpenter Gd.2	0.26845	day
LB0039	Work Supervisor (Lajab)	0.04986	day
LB0077	Labour	0.23166	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02600	cu.m
MT0410	Galv. mild steel wire gauze, 85G (0.85mm average width of aperture), 0.56mm dia.	0.66000	sq.m
MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	3.00000	each

WW0280 Providing & fixing Battened door & window shutters 20mm, with ledges and braces (25 mm), including the cost of hinges - class 'A' ,(conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	1.01244	day
LB0039	Work Supervisor (Lajab)	0.07670	day
LB0077	Labour	0.23166	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.03600	cu.m
MT0615	Mild Steel: Butt Hinges - 100mm	2.00000	each

WW0281 Providing & fixing Battened door & window shutters 20mm, with ledges and braces (25 mm), including the cost of hinges - class 'A' ,(Broad Leaf)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	1.01244	day
LB0039	Work Supervisor (Lajab)	0.07670	day
LB0077	Labour	0.23166	day
MT0332	Rough-sawn timber (urban rate) - Class 'A', (Broad Leaf)	0.03600	cu.m
MT0615	Mild Steel: Butt Hinges - 100mm	2.00000	each

WW0282 Providing & fixing Battened door & window shutters 20mm, with ledges and braces (25 mm), including the cost of hinges - Class 'B', (conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	1.01244	day
LB0039	Work Supervisor (Lajab)	0.07670	day
LB0077	Labour	0.23166	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.03600	cu.m
MT0615	Mild Steel: Butt Hinges - 100mm	2.00000	each

WW0283 Providing & fixing Battened door & window shutters 20mm, with ledges and braces (25 mm), including the cost of hinges - Class 'B', (Broad Leaf)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	1.01244	day
LB0039	Work Supervisor (Lajab)	0.07670	day
LB0077	Labour	0.23166	day

MT0333	Rough-sawn timber (urban rate) - Class 'B', (Broad Leaf)	0.03600	cu.m
MT0615	Mild Steel: Butt Hinges - 100mm	2.00000	each

WW0290 Providing & fixing battened garage door with ledges and braces (38mm) in Class 'B', (conifer) , including mountings etc complete - 22 mm

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.76700	day
LB0039	Work Supervisor (Lajab)	0.03988	day
LB0077	Labour	0.14742	day
MT0182	Rolled sections (250 MPa) - Flats	1.83000	kg
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.04700	cu.m

WW0295 Providing & fixing battened and framed door shutters, Class 'B', (conifer) including the cost of hinges - 38mm

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.84370	day
LB0039	Work Supervisor (Lajab)	0.06903	day
LB0077	Labour	0.38610	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02960	cu.m
MT0615	Mild steel : Butt Hinges-100mm	1.88000	each
MT0617	Mild steel : Butt Hinges-50mm	0.62500	each

WW0300 Providing & fixing 38mm thick louvered shutters for windows, doors with fixed 12mm Venetians, in Class 'B', (conifer) including the cost of hinges

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.36816	day
LB0033	Carpenter Gd.2	0.52156	day
LB0039	Work Supervisor (Lajab)	0.08437	day
LB0077	Labour	0.33696	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.03000	cu.m
MT0616	Mild Steel: Butt Hinges - 75mm	4.30000	each
MT0617	Mild Steel: Butt Hinges - 50mm	2.15000	each

WW0301 Providing & fixing Class 'B', (conifer) Venetians 50mm wide, 10mm thick at 45mm apart in ventilators above doors (excluding frame)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.55224	day
LB0077	Labour	0.25272	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00510	cu.m

WW0310 Providing & fixing plain trellis of 38x12mm laths with 38mm gap (excluding frames) including fixing beading 50x12mm with Class 'B', (conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.32981	day
LB0033	Carpenter Gd.2	0.43719	day
LB0039	Work Supervisor (Lajab)	0.04602	day
LB0077	Labour	0.20358	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.01700	cu.m

WW0311	Providing & fixing Door & window shutters of plain trellis of 38x12mm laths with 38mm gap (excluding frame) including fixing beading 50x12mm with Class 'B', (conifer)		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.52233	day
LB0033	Carpenter Gd.2	0.43719	day
LB0039	Work Supervisor (Lajab)	0.04602	day
LB0077	Labour	0.55458	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.03000	cu.m
MT0615	Mild Steel: Butt Hinges - 100mm	3.31000	each
MT0617	Mild Steel: Butt Hinges - 50mm	1.32500	each
WW0320	Providing & fixing Compound Gate including hinge-supports complete as per standard design- Class 'B', (conifer)		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.53690	day
LB0039	Work Supervisor (Lajab)	0.01918	day
LB0077	Labour	0.19656	day
MT0182	Rolled sections (250 MPa) - Flats	8.23000	kg
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.04000	cu.m
WW0325	Providing & fixing M.S. round or square bars in window frames		
		Coefficient for per kg	
Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.03068	day
LB0033	Carpenter Gd.2	0.00614	day
LB0077	Labour	0.00842	day
MT0208	Thermo - Mechanically Treated (TMT) bars (yield strength 500 MPa)	1.10000	kg
WW0326	Providing & fixing M.S. round or square bars with M.S. flats in window frames		
		Coefficient for per kg	
Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.00997	day
LB0033	Carpenter Gd.2	0.00537	day
LB0077	Labour	0.01193	day
MT0182	Rolled sections (250 MPa) - Flats	0.20000	kg
MT0208	Thermo - Mechanically Treated (TMT) bars (yield strength 500 MPa)	0.91000	kg
WW0327	Providing & fixing ornamental steel grills in frames with M.S. flats & bars including round headed bolts and nuts etc.		
		Coefficient for per kg	
Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.06366	day
LB0077	Labour	0.11794	day
MT0182	Rolled sections (250 MPa) - Flats	1.10000	kg
WW0328	Providing & fixing expanded metal 20x60mm strands 3.25x1.6mm including 60x20mm beading of Class 'B', (conifer)		
		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.20709	day
LB0077	Labour	0.14040	day
MT0216	Welded Mesh - Expanded Metal (19mm x 3mm x 16 gauge)	1.10000	sq.m
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00450	cu.m

WW0335	Providing & fixing Flush Door shutters with pre-laminated Cement Bonded Particle Board - 25mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0356	Pre-laminated (both sides) Cement Bonded Particle Board - 25mm	1.00000	sq.m
WW0336	Providing & fixing Flush Door shutters with pre-laminated Cement Bonded Particle Board - 30mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0357	Pre-laminated (both sides) Cement Bonded Particle Board - 30mm	1.00000	sq.m
WW0345	Providing & fixing Flush Door shutters (pre-fabricated), block-board core with commercial ply veneer - 25mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0415	Flush Door, block board core, commercial ply veneer, U/F bonded - 25mm	1.00000	sq.m
WW0346	Providing & fixing Flush Door shutters (pre-fabricated), block-board core with commercial ply veneer - 30mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0416	Flush Door, block board core, commercial ply veneer, U/F bonded - 30mm	1.00000	sq.m
WW0347	Providing & fixing Flush Door shutters (pre-fabricated), block-board core with commercial ply veneer - 35mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0417	Flush Door, block board core, commercial ply veneer, U/F bonded - 35mm	1.00000	sq.m
WW0348	Providing & fixing Flush Door shutters (pre-fabricated), block-board core with commercial ply veneer - 40mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0418	Flush Door, block board core, commercial ply veneer, U/F bonded - 40mm	1.00000	sq.m
WW0355	Providing & fixing flush door shutters (pre-fabricated), block-board core with teak ply veneer - 25mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0425	Flush Door, block board core, teak ply veneer, U/F bonded - 25mm	1.00000	sq.m

WW0356	Providing & fixing flush door shutters (pre-fabricated), block-board core with teak ply veneer - 30mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0426	Flush Door, block board core, teak ply veneer, U/F bonded - 30mm	1.00000	sq.m
WW0357	Providing & fixing flush door shutters (pre-fabricated), block-board core with teak ply veneer - 35mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0427	Flush Door, block board core, teak ply veneer, U/F bonded - 35mm	1.00000	sq.m
WW0358	Providing & fixing flush door shutters (pre-fabricated), block-board core with teak ply veneer - 40mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0428	Flush Door, block board core, teak ply veneer, U/F bonded - 40mm	1.00000	sq.m
WW0365	Providing & fixing flush door shutters (pre-fabricated), block-board core with ply veneer, chemically treated - 25mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0435	Flush Door, block board core, ply veneer, chemically treated - 25mm	1.00000	sq.m
WW0366	Providing & fixing flush door shutters (pre-fabricated), block-board core with ply veneer, chemically treated - 30mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0436	Flush Door, block board core, ply veneer, chemically treated - 30mm	1.00000	sq.m
WW0367	Providing & fixing flush door shutters (pre-fabricated), block-board core with ply veneer, chemically treated - 35mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0437	Flush Door, block board core, ply veneer, chemically treated - 35mm	1.00000	sq.m
WW0368	Providing & fixing flush door shutters (pre-fabricated), block-board core with ply veneer, chemically treated - 40mm		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0438	Flush Door, block board core, ply veneer, chemically treated - 40mm	1.00000	sq.m

WW0801	Providing & fixing 30mm Thick WPC (Wood Plastic Composite) flush door shutter complete including hinges - Standard		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0494	WPC Flush Door 30mm Thick Standard	1.02000	sq.m
MT0615	Mild steel : Butt Hinges-100mm	2.00000	each
WW0802	Providing & fixing 30mm Thick WPC (Wood Plastic Composite) moulded door shutter complete including hinges - Standard		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0495	WPC Moulded Panelled Door 30mm Thick Standard	1.02000	sq.m
MT0615	Mild steel : Butt Hinges-100mm	2.00000	each
WW0803	Providing & fixing WPC (Wood Plastic Composite) doors frame (size 75mm x 50mm thick) complete		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0496	WPC Door Frame (size 75mm x 50mm)	1.02000	sq.m
WW0804	Providing & fixing WPC (Wood Plastic Composite) doors frame (size 100mm x 50mm thick) complete		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0497	WPC Door Frame (size 100mm x 50mm)	1.02000	sq.m
WW0810	Providing & fixing 30mm Thick PVC (polyvinyl chloride) flush door shutter complete including hinges - Standard		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT04498	PVC Flush Door 30mm Thick Standard	1.02000	sq.m
MT0615	Mild steel : Butt Hinges-100mm	2.00000	each
WW0811	Providing & fixing 30mm Thick PVC (polyvinyl chloride) moulded door shutter complete including hinges - Standard		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0499	PVC Moulded Door 30mm Thick Standard	1.02000	sq.m
MT0615	Mild steel : Butt Hinges-100mm	2.00000	each
WW0812	Providing & fixing PVC (polyvinyl chloride) doors frame (size 75mm x 50mm thick) complete		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0500	PVC Door Frame (size 75mm x 50mm)	1.02000	sq.m
WW0813	Providing & fixing PVC (polyvinyl chloride) doors frame (size 100mm x 50mm thick) complete		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01741	day
LB0077	Labour	0.01594	day
MT0501	PVC Door Frame (size 100mm x 50mm)	1.02000	sq.m

WW0470 Providing & fixing 38mm thick wooden shelves supported on 40x40x6mm `T' or `L' iron brackets fixed at suitable distance but not exceeding 75 cm apart in 7.5x7.5x15cm blocks of cement concrete 1:3:6, 20 mm aggregates - Class 'B', (conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.26845	day
LB0033	Carpenter Gd.2	0.19175	day
LB0036	Mason Gd.1	0.00022	day
LB0039	Work Supervisor (Lajab)	0.00018	day
LB0051	Mason Gd.2	0.26867	day
LB0053	Plant Operator Gd.3	0.00025	day
LB0077	Labour	0.11260	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00033	day
MP0112	Concrete Vibrator(M/C5)	0.00033	day
MT0043	Sand	0.00221	cu.m
MT0070	Crushed Rock - 20mm	0.00442	cu.m
MT0145	Cement (OPC / PSC)	0.00103	tonne
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.04100	cu.m

WW0475 Providing & fixing 25mm thick Cupboard (900x2000x450 mm...LxHxD) with glazed or panelled shutters, 25mm thick partitions and shelves supported on 25x25mm wooden runners, 50x20mm architraves and 25mm dia curtain rod mounted on wooden brackets, including with Anodised Aluminium Hinges and frame in conifer - Class 'B', (conifer)

Coefficient for per each

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.95943	day
LB0033	Carpenter Gd.2	2.27407	day
LB0039	Work Supervisor (Lajab)	0.08590	day
LB0052	Painter Gd.1	1.69185	day
LB0077	Labour	1.78062	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.12513	cu.m
MT0531	Anodised Aluminium Fittings: Butt Hinges - 75mm	4.80000	each
MT0655	Plain Glass - 3mm thick	0.73600	sq.m
MT0731	Clear synthetic varnish	1.33660	litre

WW0476 Providing & fixing 25mm thick Cupboard (900x2000x450 mm...LxHxD) with glazed or panelled shutters, 25mm thick partitions and shelves supported on 25x25mm wooden runners, 50x20mm architraves and 25mm dia curtain rod mounted on wooden brackets, including with Anodised Aluminium Hinges and frame in conifer - conifer

Coefficient for per each

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	1.20487	day
LB0033	Carpenter Gd.2	2.80177	day
LB0039	Work Supervisor (Lajab)	0.08590	day
LB0052	Painter Gd.1	1.69185	day
LB0077	Labour	1.84801	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.08673	cu.m
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.03840	cu.m
MT0531	Anodised Aluminium Fittings: Butt Hinges - 75mm	4.80000	each
MT0655	Plain Glass - 3mm thick	0.73600	sq.m
MT0731	Clear synthetic varnish	1.33660	litre

WW0485 Extras, for Cupboards including frame of conifer - For additional depth of 50mm or part thereof including shutters of Class 'B', (conifer)

Coefficient for per 50mm

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.13988	day
LB0033	Carpenter Gd.2	0.03250	day
LB0052	Painter Gd.1	0.10110	day
LB0077	Labour	0.11631	day

MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00672	cu.m
MT0731	Clear synthetic varnish	0.07987	litre
WW0495	Providing & fixing railing with 90x60mm top & bottom rails, trellis 60x45mm including 2 coats of paint etc. all complete - 900 mm high- class 'A' ,(conifer)		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.16874	day
LB0052	Painter Gd.1	0.09311	day
LB0077	Labour	0.23966	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.01900	cu.m
MT0714	Pink primer, for wood	0.09150	litre
MT0722	Synthetic enamel paint	0.15250	litre
WW0496	Providing & fixing railing with 90x60mm top & bottom rails, trellis 60x45mm including 2 coats of paint etc. all complete - 900 mm high, Class 'B', (conifer)		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.16874	day
LB0052	Painter Gd.1	0.09311	day
LB0077	Labour	0.23966	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.01900	cu.m
MT0714	Pink primer, for wood	0.09150	litre
MT0722	Synthetic enamel paint	0.15250	litre
WW0497	Providing & fixing railing with 90x60mm top & bottom rails, trellis 60x45mm including 2 coats of paint etc. all complete - 1000 mm high, class 'A' ,(conifer)		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.19413	day
LB0052	Painter Gd.1	0.10934	day
LB0077	Labour	0.27768	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.02170	cu.m
MT0714	Pink primer, for wood	0.10745	litre
MT0722	Synthetic enamel paint	0.17909	litre
WW0498	Providing & fixing railing with 90x60mm top & bottom rails, trellis 60x45mm including 2 coats of paint etc. all complete - 1000 mm high, Class 'B', (conifer)		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.19413	day
LB0052	Painter Gd.1	0.10934	day
LB0077	Labour	0.27768	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02170	cu.m
MT0714	Pink primer, for wood	0.10745	litre
MT0722	Synthetic enamel paint	0.17909	litre
WW0499	Providing & fixing railing with 90x60mm top & bottom rails, trellis 60x45mm including 2 coats of paint etc. all complete - 1200 mm high, class 'A' ,(conifer)		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.22995	day
LB0052	Painter Gd.1	0.12948	day
LB0077	Labour	0.32896	day
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.02560	cu.m
MT0714	Pink primer, for wood	0.12725	litre
MT0722	Synthetic enamel paint	0.21207	litre

WW0500 Providing & fixing railing with 90x60mm top & bottom rails, trellis 60x45mm including 2 coats of paint etc. all complete - 1200 mm high,Class 'B', (conifer)**Coefficient for per m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.22995	day
LB0052	Painter Gd.1	0.12948	day
LB0077	Labour	0.32896	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02560	cu.m
MT0714	Pink primer, for wood	0.12725	litre
MT0722	Synthetic enamel paint	0.21207	litre

WW0505 Providing & fixing 100x12mm, with 25mm dia. wooden curtain rod and brackets including M.S flats 25x3x100mm and plugs etc. complete - class 'A',(conifer)**Coefficient for per m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.09588	day
LB0039	Work Supervisor (Lajab)	0.06136	day
LB0077	Labour	0.08775	day
MT0182	Rolled sections (250 MPa) - Flats	0.06000	kg
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.00363	cu.m

WW0506 Providing & fixing 100x12mm, with 25mm dia. wooden curtain rod and brackets including M.S flats 25x3x100mm and plugs etc. complete -Class 'B', (conifer)**Coefficient for per m**

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.09588	day
LB0039	Work Supervisor (Lajab)	0.06136	day
LB0077	Labour	0.08775	day
MT0182	Rolled sections (250 MPa) - Flats	0.06000	kg
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00363	cu.m

WW0515 Providing & fixing 150x12mm, with 25mm dia. wooden curtain rod and brackets including M.S flats 25x3x100mm and plugs etc. complete - class 'A', (conifer)**Coefficient for per m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.09588	day
LB0039	Work Supervisor (Lajab)	0.06136	day
LB0077	Labour	0.08775	day
MT0182	Rolled sections (250 MPa) - Flats	0.06000	kg
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.00420	cu.m

WW0516 Providing & fixing 150x12mm, with 25mm dia. wooden curtain rod and brackets including M.S flats 25x3x100mm and plugs etc. complete - Class 'B', (conifer)**Coefficient for per m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.09588	day
LB0039	Work Supervisor (Lajab)	0.06136	day
LB0077	Labour	0.08775	day
MT0182	Rolled sections (250 MPa) - Flats	0.03000	kg
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00420	cu.m

WW0525 Providing & fixing M.S. pressed butt hinges with necessary screws etc. complete - 100mm**Coefficient for per each**

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.01381	day
LB0077	Labour	0.00772	day
MT0615	Mild Steel: Butt Hinges - 100mm	1.00000	each

WW0526	Providing & fixing M.S. pressed butt hinges with necessary screws etc. complete - 75mm			Coefficient for per each
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.01381	day	
LB0077	Labour	0.00772	day	
MT0616	Mild Steel: Butt Hinges - 75mm	1.00000	each	
WW0527	Providing & fixing M.S. pressed butt hinges with necessary screws etc. complete - 50mm			Coefficient for per each
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.01381	day	
LB0077	Labour	0.00772	day	
MT0617	Mild Steel: Butt Hinges - 50mm	1.00000	each	
WW0535	Providing & fixing M.S. tower bolt (barrel type) with necessary screws etc. complete - 250mm			Coefficient for per each
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.00997	day	
MT0645	Mild Steel: Tower Bolts (Barrel Type) - 250mm	1.00000	each	
WW0536	Providing & fixing M.S. tower bolt (barrel type) with necessary screws etc. complete - 150mm			Coefficient for per each
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.00767	day	
LB0077	Labour	0.00562	day	
MT0646	Mild Steel: Tower Bolts (Barrel Type) - 150mm	1.00000	each	
WW0537	Providing & fixing M.S. tower bolt (barrel type) with necessary screws etc. complete - 100mm			Coefficient for per each
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.00767	day	
LB0077	Labour	0.00562	day	
MT0647	Mild Steel: Tower Bolts (Barrel Type) - 100mm	1.00000	each	
WW0545	Providing & fixing M.S. sliding door bolt, bright finished, enamelled with necessary screws etc. complete -			Coefficient for per each
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.02378	day	
MT0221	Fasteners - M.S. Bolts & Nuts, Screws etc	0.10000	kg	
MT0640	Mild Steel: Sliding Door Bolts - 300mm	1.00000	each	
WW0546	Providing & fixing M.S. sliding door bolt, bright finished, enamelled with necessary screws etc. complete -			Coefficient for per each
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.02378	day	
MT0221	Fasteners - M.S. Bolts & Nuts, Screws etc	0.10000	kg	
MT0641	Mild Steel: Sliding Door Bolts - 250mm	1.00000	each	
WW0547	Providing & fixing M.S. sliding door bolt, bright finished, enamelled with necessary screws etc. complete -			Coefficient for per each
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.02378	day	
MT0221	Fasteners - M.S. Bolts & Nuts, Screws etc	0.10000	kg	
MT0642	Mild Steel: Sliding Door Bolts - 200mm	1.00000	each	
WW0555	Providing & fixing M.S. handle with necessary screws etc. complete - 150mm			Coefficient for per each
Code	Description	Coefficient	Units	
LB0033	Carpenter Gd.2	0.00614	day	
MT0620	Mild Steel: Handles - 150mm	1.00000	each	

WW0556	Providing & fixing M.S. handle with necessary screws etc. complete - 125mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.00614	day
	MT0621	Mild Steel: Handles - 125mm	1.00000	each
WW0557	Providing & fixing M.S. handle with necessary screws etc. complete - 100mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.00614	day
	MT0622	Mild Steel: Handles - 100mm	1.00000	each
WW0558	Providing & fixing M.S. handle with necessary screws etc. complete - 75mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.00614	day
	MT0623	Mild Steel: Handles - 75mm	1.00000	each
WW0565	Providing & fixing M.S. hook-and-eye with necessary screws etc. complete - 300mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.00614	day
	MT0630	Mild Steel: Hooks and Eyes - 300mm	1.00000	each
WW0566	Providing & fixing M.S. hook-and-eye with necessary screws etc. complete - 200mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.00614	day
	MT0631	Mild Steel: Hooks and Eyes - 200mm	1.00000	each
WW0567	Providing & fixing M.S. hook-and-eye with necessary screws etc. complete - 150mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.00614	day
	MT0632	Mild Steel: Hooks and Eyes - 150mm	1.00000	each
WW0568	Providing & fixing M.S. hook-and-eye with necessary screws etc. complete - 100mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.00614	day
	MT0633	Mild Steel: Hooks and Eyes - 100mm	1.00000	each
WW0575	Providing & fixing M.S. door stopper with nuts and necessary screws complete			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.05369	day
	MT0650	Mild Steel: Tower Bolts (Barrel Type) - Mild Steel: Door Stopper	1.00000	each
WW0580	Providing & fixing anodised aluminium butt hinges with necessary aluminium screws etc. complete - 100mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.01381	day
	MT0530	Anodised Aluminium Fittings: Butt Hinges - 100mm	1.00000	each
WW0581	Providing & fixing anodised aluminium butt hinges with necessary aluminium screws etc. complete - 75mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.01381	day

MT0531	Anodised Aluminium Fittings: Butt Hinges - 75mm	1.00000	each
WW0590	Providing & fixing anodised aluminium tower bolt (barrel type) with aluminium screws etc. complete - 200mm		
			Coefficient for per each
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.00997	day
MT0570	Anodised Aluminium Fittings: Tower Bolts (Barrel Type) - 200mm	1.00000	each
WW0591	Providing & fixing anodised aluminium tower bolt (barrel type) with aluminium screws etc. complete - 150mm		
			Coefficient for per each
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.00767	day
MT0571	Anodised Aluminium Fittings: Tower Bolts (Barrel Type) - 150mm	1.00000	each
WW0592	Providing & fixing anodised aluminium tower bolt (barrel type) with aluminium screws etc. complete - 100mm		
			Coefficient for per each
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.00767	day
MT0572	Anodised Aluminium Fittings: Tower Bolts (Barrel Type) - 100mm	1.00000	each
WW0600	Providing & fixing anodised aluminium sliding door bolts with nuts and aluminium screws etc. complete - 300mm		
			Coefficient for per each
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.04832	day
MT0565	Anodised Aluminium Fittings: Sliding Door Bolts - 300mm	1.00000	each
WW0601	Providing & fixing anodised aluminium sliding door bolts with nuts and aluminium screws etc. complete - 250mm		
			Coefficient for per each
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.04832	day
MT0566	Anodised Aluminium Fittings: Sliding Door Bolts - 250mm	1.00000	each
WW0602	Providing & fixing anodised aluminium sliding door bolts with nuts and aluminium screws etc. complete - 200mm		
			Coefficient for per each
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.04832	day
MT0567	Anodised Aluminium Fittings: Sliding Door Bolts - 200mm	1.00000	each
WW0610	Providing & fixing anodised aluminium handle with necessary aluminium screws etc. complete - 150mm		
			Coefficient for per each
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.00614	day
MT0540	Anodised Aluminium Fittings: Handles - 150mm	1.00000	each
WW0611	Providing & fixing anodised aluminium handle with necessary aluminium screws etc. complete - 125mm		
			Coefficient for per each
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.00614	day
MT0541	Anodised Aluminium Fittings: Handles - 125mm	1.00000	each

WW0612	Providing & fixing anodised aluminium handle with necessary aluminium screws etc. complete - 100mm		
	Coefficient for per each		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.00614	day
MT0542	Anodised Aluminium Fittings: Handles - 100mm	1.00000	each
WW0613	Providing & fixing anodised aluminium handle with necessary aluminium screws etc. complete - 75mm		
	Coefficient for per each		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.00614	day
MT0543	Anodised Aluminium Fittings: Handles - 75mm	1.00000	each
WW0620	Providing & fixing anodised aluminium hook-and-eye with necessary screws etc complete - 300mm		
	Coefficient for per each		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.00614	day
MT0550	Anodised Aluminium Fittings: Hooks and Eyes - 300mm	1.00000	each
WW0621	Providing & fixing anodised aluminium hook-and-eye with necessary screws etc complete - 200mm		
	Coefficient for per each		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.00614	day
MT0551	Anodised Aluminium Fittings: Hooks and Eyes - 200mm	1.00000	each
WW0622	Providing & fixing anodised aluminium hook-and-eye with necessary screws etc complete - 150mm		
	Coefficient for per each		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.00614	day
MT0552	Anodised Aluminium Fittings: Hooks and Eyes - 150mm	1.00000	each
WW0623	Providing & fixing anodised aluminium hook-and-eye with necessary screws etc complete - 100mm		
	Coefficient for per each		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.00614	day
MT0553	Anodised Aluminium Fittings: Hooks and Eyes - 100mm	1.00000	each
WW0630	Providing & fixing anodised aluminium kicking plate, 4mm thick with necessary aluminium screws etc. complete		
	Coefficient for per Sq.m		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.13499	day
LB0077	Labour	0.08775	day
MT0560	Anodised Aluminium Fittings: Kicking Plate - 4mm thick	1.00000	sq.m
WW0635	Providing & fixing brass pressed butt hinges with necessary screws etc. complete - 100mm		
	Coefficient for per each		
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.01381	day
LB0077	Labour	0.00772	day
MT0575	Bright finished brass: Butt Hinges - 100mm	1.00000	each

WW0636	Providing & fixing brass pressed butt hinges with necessary screws etc. complete - 75mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.01381	day
	LB0077	Labour	0.00772	day
	MT0576	Bright finished brass: Butt Hinges - 75mm	1.00000	each
WW0637	Providing & fixing brass pressed butt hinges with necessary screws etc. complete - 50mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.01381	day
	LB0077	Labour	0.00772	day
	MT0577	Bright finished brass: Butt Hinges - 50mm	1.00000	each
WW0645	Providing & fixing brass tower bolt (barrel type) with necessary screws etc. complete - 250mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.00997	day
	MT0600	Bright finished brass: Tower Bolts (Barrel Type) - 250mm	1.00000	each
WW0646	Providing & fixing brass tower bolt (barrel type) with necessary screws etc. complete - 150mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.00767	day
	MT0601	Bright finished brass: Tower Bolts (Barrel Type) - 150mm	1.00000	each
WW0647	Providing & fixing brass tower bolt (barrel type) with necessary screws etc. complete - 100mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.00767	day
	MT0602	Bright finished brass: Tower Bolts (Barrel Type) - 100mm	1.00000	each
WW0655	Providing & fixing brass sliding door bolt with nuts necessary screws etc. complete - 300mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.03835	day
	MT0595	Bright finished brass: Sliding Door Bolts - 300mm	1.00000	each
WW0656	Providing & fixing brass sliding door bolt with nuts necessary screws etc. complete - 250mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.03835	day
	MT0596	Bright finished brass: Sliding Door Bolts - 250mm	1.00000	each
WW0657	Providing & fixing brass sliding door bolt with nuts necessary screws etc. complete - 200mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.03835	day
	MT0597	Bright finished brass: Sliding Door Bolts - 200mm	1.00000	each
WW0665	Providing & fixing brass handle with necessary screws etc. complete - 150mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.00614	day
	MT0580	Bright finished brass: Handles - 150mm	1.00000	each

WW0666	Providing & fixing brass handle with necessary screws etc. complete - 125mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.00614	day
	MT0581	Bright finished brass: Handles - 125mm	1.00000	each
WW0667	Providing & fixing brass handle with necessary screws etc. complete - 100mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.00614	day
	MT0582	Bright finished brass: Handles - 100mm	1.00000	each
WW0668	Providing & fixing brass handle with necessary screws etc. complete - 75mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.00614	day
	MT0583	Bright finished brass: Handles - 75mm	1.00000	each
WW0675	Providing & fixing bright finish brass 100 mm mortise latch & pair of levers, handles with necessary screws etc. complete			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.01611	day
	MT0606	Bright finished brass: Mortise Latch 100mm	1.00000	each
WW0676	Providing & fixing bright finish brass spring-loaded, hinged door-closer with necessary screws etc. complete			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.03835	day
	MT0607	Door Closers - brass, hinged, spring-loaded type	1.00000	each
WW0677	Providing & fixing bright finish brass hydraulic door-closer			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.03835	day
	LB0077	Labour	0.01755	day
	MT0608	Door Closers - brass, over-head, hydraulic type	1.00000	each
WW0678	Providing & fixing bright finished brass door stopper with nuts and necessary screws etc. complete			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.00675	day
	MT0605	Bright finished brass: Door Stopper	1.00000	each
WW0685	Providing & fixing bright finished brass hook-and-eye with necessary screws etc. complete - 150mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.00614	day
	MT0590	Bright finished brass: Hooks and Eyes - 150mm	1.00000	each
WW0686	Providing & fixing bright finished brass hook-and-eye with necessary screws etc. complete - 100mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.00614	day
	MT0591	Bright finished brass: Hooks and Eyes - 100mm	1.00000	each

WW0695 P&f 40x3mm M.S. hold fast 400mm long, fixing to frame with 10mm bolts & nuts, plugs, concrete blocks 300x100x150mm with 1:3:6, 20mm aggregate**Coefficient for per each**

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02915	day
LB0036	Mason Gd.1	0.02938	day
LB0039	Work Supervisor (Lajab)	0.00019	day
LB0051	Mason Gd.2	0.00024	day
LB0053	Plant Operator Gd.3	0.00026	day
LB0077	Labour	0.03429	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00034	day
MP0112	Concrete Vibrator(M/C5)	0.00034	day
MT0043	Sand	0.00230	cu.m
MT0070	Crushed Rock - 20mm	0.00461	cu.m
MT0145	Cement (OPC / PSC)	0.00108	tonne
MT0182	Rolled sections (250 MPa) - Flats	0.40300	kg

WW0700 P&L dry earth in ceilings in proportion 1:5 (1 straw: 5 dry earth) including plastic underlay**Coefficient for per cu.m**

Code	Description	Coefficient	Units
LB0077	Labour	0.20274	day
MT0042	Mud dry	1.20000	cu.m
MT0155	Plastic Sheet - 200 micro-metre	10.00000	sq.m

WW0705 Providing & fixing polycarbonate skylight translucent diffuser panel of 6mm thickness including 50x12 beading**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18408	day
LB0033	Carpenter Gd.2	0.20709	day
LB0077	Labour	0.16848	day
MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.00420	cu.m
MT0385	Translucent polycarbonate diffuser panel, for skylights (6mm thk)	1.05000	sq.m

WW0710 Providing & fixing Decorative Traditional Timber Carving**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	2.30100	day

WW0715 Providing, fixing and installation of 2.5-track, UPVC sliding windows including wire mesh, 88mm wide, 5mm clear glass with hardware fittings - EPDM gaskets, U- groove roller, Aluminium track, Fastner nut, interlock, touch lock and wool pile, complete. Plain white window**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0021	Carpenter Grade-1	0.06877	days
LB0033	Carpenter Grade-2	0.06877	days
MT1740	Window Frame Sash (Plain white)	3.85564	kgs
MT1741	Window Glass Sash	3.54181	kgs
MT1742	Wire mesh sash	0.87873	kgs
MT1752	Aluminium Reinforcement	2.73372	m
MT1743	Wire mesh	0.49316	sqm
MT0657	Plain glass 5 mm	0.99978	sqm
MT1744	EPDM Gasket	8.61122	m
MT1745	Wool pile	9.84139	m
MT1746	Glass Bead	8.61122	m
MT1747	Interlock	0.89666	nos
MT1748	U-groove roller	3.58664	nos
MT1749	Touch lock	0.89666	nos
MT1750	Fastener Nut	3.58664	nos
MT1751	Aluminium Track	0.89666	nos

WW0716 Providing, fixing and installation of 2.5-track, UPVC sliding windows including wire mesh, 88mm wide, 5mm clear glass with hardware fittings - EPDM gaskets, U- groove roller, Aluminium track, Fastner nut, interlock, touch lock and wool pile, complete. Polished window

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Grade-1	0.10316	days
LB0033	Carpenter Grade-2	0.10316	days
MT1753	Window Frame Sash (Polished)	3.85564	kgs
MT1741	Window Glass Sash	4.34880	kgs
MT1742	Wire mesh sash	0.87873	kgs
MT1752	Aluminium Reinforcement	2.73372	m
MT1743	Wire mesh	0.49316	sqm
MT0657	Plain glass 5 mm	0.99978	sqm
MT1744	EPDM Gasket	8.61122	m
MT1745	Wool pile	9.84139	m
MT1746	Glass Bead	8.61122	m
MT1747	Interlock	0.89666	nos
MT1748	U-groove roller	3.58664	nos
MT1749	Touch lock	0.89666	nos
MT1750	Fastener Nut	4.48330	nos
MT1751	Aluminium Track	0.89666	nos

WW0717 Providing, fixing and installation of 2.5-track, UPVC sliding windows including wire mesh, 88mm wide, 5mm clear glass with hardware fittings - EPDM gaskets, U- groove roller, Aluminium track, Fastner nut, interlock, touch lock and wool pile, complete. Textured Window

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Grade-1	0.13755	days
LB0033	Carpenter Grade-2	0.13755	days
MT1754	Window Frame Sash (Textured)	3.85564	kgs
MT1741	Window Glass Sash	4.34880	kgs
MT1742	Wire mesh sash	0.87873	kgs
MT1752	Aluminium Reinforcement	3.41715	m
MT1743	Wire mesh	0.49316	sqm
MT0657	Plain glass 5 mm	0.99978	sqm
MT1744	EPDM Gasket	8.61122	m
MT1745	Wool pile	9.84139	m
MT1746	Glass Bead	8.61122	m
MT1747	Interlock	0.89666	nos
MT1748	U-groove roller	3.58664	nos
MT1749	Touch lock	0.89666	nos
MT1750	Fastener Nut	4.48330	nos
MT1749	Aluminium Track	0.89666	nos

WW0718 Providing, fixing and installation of 2-track, UPVC sliding windows including 5mm clear glass with hardware fittings - EPDM gaskets, U- groove roller, Aluminium track, Fastner nut, interlock, touch lock and wool pile, complete. Plain White Window

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Grade-1	0.06877	days
LB0033	Carpenter Grade-2	0.06877	days
MT1740	Window Frame Sash (Plain white)	3.85564	kgs
MT1741	Window Glass Sash	3.54181	kgs
MT1752	Aluminium Reinforcement	2.73372	m
MT0657	Plain glass 5 mm	0.99978	sqm
MT1744	EPDM Gasket	8.61122	m
MT1745	Wool pile	9.84139	m
MT1746	Glass Bead	8.61122	m
MT1747	Interlock	0.89666	nos
MT1748	U-groove roller	3.58664	nos
MT1749	Touch lock	0.89666	nos
MT1750	Fastener Nut	3.58664	nos
MT1751	Aluminium Track	0.89666	nos

WW0719 Providing, fixing and installation of 2-track, UPVC sliding windows including 5mm clear glass with hardware fittings - EPDM gaskets, U- groove roller, Aluminium track, Fastner nut, interlock, touch lock and wool pile, complete. Polished Window

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Grade-1	0.10316	days
LB0033	Carpenter Grade-2	0.10316	days
MT1753	Window Frame Sash (Polished)	3.85564	kgs
MT1741	Window Glass Sash	4.34880	kgs
MT1752	Aluminium Reinforcement	2.73372	m
MT0657	Plain glass 5 mm	0.99978	sqm
MT1744	EPDM Gasket	8.61122	m
MT1745	Wool pile	9.84139	m
MT1746	Glass Bead	8.61122	m
MT1747	Interlock	0.89666	nos
MT1748	U-groove roller	3.58664	nos
MT1749	Touch lock	0.89666	nos
MT1750	Fastener Nut	4.48330	nos
MT1751	Aluminium Track	0.89666	nos

WW0720 Providing, fixing and installation of 2-track, UPVC sliding windows including 5mm clear glass with hardware fittings - EPDM gaskets, U- groove roller, Aluminium track, Fastner nut, interlock, touch lock and wool pile, complete. Textured Window

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Grade-1	0.13755	days
LB0033	Fastener Nut	0.13755	days
MT1754	Window Frame Sash (Texture)	3.85564	kgs
MT1741	Window Glass Sash	4.34880	kgs
MT1752	Aluminium Reinforcement	3.41715	m
MT0657	Plain glass 5 mm	0.99978	sqm
MT1744	EPDM Gasket	8.61122	m
MT1745	Wool pile	9.84139	m
MT1746	Glass Bead	8.61122	m
MT1747	Interlock	0.89666	nos
MT1748	U-groove roller	3.58664	nos
MT1749	Touch lock	0.89666	nos
MT1750	Fastener Nut	4.48330	nos
MT1751	Aluminium Track	0.89666	nos

WW0750 Providing and fixing of Traditional Bhutanese style GRC window frames with cornice, side borders, and sill as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete excluding decorative painting-1 Bay with window size 853X1385mm full set

Coefficient for per each

Code	Description	Coefficient	Unit
LB0036	Mason Gd.1	0.64673	day
LB0077	Labour	0.77537	day
MT2050	GRC Window Frame -1 Bay with window size 853X1385mm full set	1.00000	each

WW0751 Providing and fixing of Traditional Bhutanese style GRC window frames with cornice, side borders, and sill as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete excluding decorative painting-1 Bay with window size 780X1000mm full set

Coefficient for per each

Code	Description	Coefficient	Unit
LB0036	Mason Gd.1	0.64673	day
LB0077	Labour	0.77537	day
MT2051	GRC Window Frame -1 Bay with window size 780X1000mm full set	1.00000	each

WW0752 Providing and fixing of Traditional Bhutanese style GRC window frames with cornice, side borders, and sill as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete excluding decorative painting-2 Bay with window size 1416X1385mm full set

Coefficient for per each

Code	Description	Coefficient	Unit
LB0036	Mason Gd.1	0.75919	day
LB0077	Labour	0.88375	day
MT2052	GRC Window Frame -2 Bay with window size 1416X1385mm full set	1.00000	each

WW0753 Providing and fixing of Traditional Bhutanese style GRC window frames with cornice, side borders, and sill as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete excluding decorative painting-3 Bay with window size 1979X1385mm full set

Coefficient for per each

Code	Description	Coefficient	Unit
LB0036	Mason Gd.1	0.87638	day
LB0077	Labour	0.97849	day
MT2053	GRC Window Frame -3 Bay with window size 1979X1385mm full set	1.00000	each

WW0754 Providing and fixing of Traditional Bhutanese style GRC window frames with cornice, side borders, and sill as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete excluding decorative painting-3 Bay with window size 1979X1140mm full set

Coefficient for per each

Code	Description	Coefficient	Unit
LB0036	Mason Gd.1	0.87638	day
LB0077	Labour	0.97849	day
MT2054	GRC Window Frame -3 Bay with window size 1979X1140mm full set	1.00000	each

WW0755 Providing and fixing of Traditional Bhutanese style GRC window frames with cornice, side borders, and sill as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete excluding decorative painting-4 Bay with window size 2542X1385mm full set

Coefficient for per each

Code	Description	Coefficient	Unit
LB0036	Mason Gd.1	1.02049	day
LB0077	Labour	1.04123	day
MT2055	GRC Window Frame -4 Bay with window size 2542X1385mm full set	1.00000	each

WW0756 Providing and fixing of Traditional Bhutanese style GRC window frame for Rabsey as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete excluding cornice, side borders, sill and decorative painting-3 Bay Rabsey window size 1785x1600 (frame only)

Coefficient for per each

Code	Description	Coefficient	Unit
LB0036	Mason Gd.1	0.28043	day
LB0077	Labour	0.56148	day
MT2056	GRC Window Frame for Rabsey -3 Bay with window size 1785x1600 (frame only)	1.00000	each

WW0757 Providing and fixing of Traditional Bhutanese style GRC window frame for Rabsey as per the standard design and detailed drawing, including the cost of nuts, bolts, anchors, sealant, complete excluding cornice, side borders, sill and decorative painting-4 Bay Rabsey window size 2350x1600 (frame only)

Coefficient for per each

Code	Description	Coefficient	Unit
LB0036	Mason Gd.1	0.31636	day
LB0077	Labour	0.59907	day
MT2057	GRC Window Frame for Rabsey -4 Bay with window size 2350x1600 (frame only)	1.00000	each

CHAPTER 12: STEEL

SW0001	Steel work in single section including cutting, hoisting, fixing and applying priming coat of red lead paint - In R.S. joists		
		Coefficient for per kg	
	Code	Description	Coefficient
	LB0032	Blacksmith (metal-worker)	0.00084
	LB0052	Painter Gd.1	0.00061
	LB0077	Labour	0.01881
	MT0183	Rolled sections (250 MPa) - Joists	1.05000
	MT0711	Synthetic red lead primer	0.00143
			Units
			day
			day
			day
			kg
			litre
SW0002	Steel work in single section including cutting, hoisting, fixing and applying priming coat of red lead paint - In Flats		
			Coefficient for per kg
	Code	Description	Coefficient
	LB0032	Blacksmith (metal-worker)	0.00959
	LB0052	Painter Gd.1	0.00069
	LB0077	Labour	0.00941
	MT0182	Rolled sections (250 MPa) - Flats	1.05000
	MT0711	Synthetic red lead primer	0.00162
			Units
			day
			day
			day
			kg
			litre
SW0003	Steel work in single section including cutting, hoisting, fixing and applying priming coat of red lead paint - In Tees, angles and channels		
			Coefficient for per kg
	Code	Description	Coefficient
	LB0032	Blacksmith (metal-worker)	0.01074
	LB0052	Painter Gd.1	0.00069
	LB0077	Labour	0.00941
	MT0181	Rolled sections (250 MPa) - Channels	1.05000
	MT0711	Synthetic red lead primer	0.00162
			Units
			day
			day
			day
			kg
			litre
SW0010	Steel work riveted or bolted, in built up sections, trusses, frame-works, including cutting, hoisting, fixing and applying priming coat of red lead paint - In R.S. joists		
			Coefficient for per kg
	Code	Description	Coefficient
	LB0032	Blacksmith (metal-worker)	0.00660
	LB0052	Painter Gd.1	0.00043
	LB0077	Labour	0.01092
	MT0183	Rolled sections (250 MPa) - Joists	0.57100
	MT0184	Rolled sections (250 MPa) - Plates	0.45600
	MT0220	Fasteners - M.S. Rivets	0.02300
	MT0711	Synthetic red lead primer	0.00101
			Units
			day
			day
			day
			kg
			kg
			kg
			litre
SW0011	Steel work riveted or bolted, in built up sections, trusses, frame-works, including cutting, hoisting, fixing and applying priming coat of red lead paint - In Tees, angles, flats and channels		
			Coefficient for per kg
	Code	Description	Coefficient
	LB0032	Blacksmith (metal-worker)	0.15340
	LB0052	Painter Gd.1	0.00041
	LB0077	Labour	0.02144
	MT0180	Rolled sections (250 MPa) - Angles	0.40500
	MT0182	Rolled sections (250 MPa) - Flats	0.13800
	MT0184	Rolled sections (250 MPa) - Plates	0.48000
	MT0220	Fasteners - M.S. Rivets	0.01800
	MT0221	Fasteners - M.S. Bolts & Nuts, Screws etc	0.01400
	MT0711	Synthetic red lead primer	0.00097
			Units
			day
			day
			day
			kg
			kg
			kg
			kg
			litre

SW0020 Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and applying priming coat of red lead paint - In R.S. joists

Coefficient for per kg

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.00353	day
LB0052	Painter Gd.1	0.00043	day
LB0077	Labour	0.00685	day
MP0172	Welder - electric arc	0.01740	day
MT0183	Rolled sections (250 MPa) - Joists	0.58300	kg
MT0184	Rolled sections (250 MPa) - Plates	0.46700	kg
MT0711	Synthetic red lead primer	0.00100	litre

SW0021 Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and applying priming coat of red lead paint - In Tees, angles, flats and channels

Coefficient for per kg

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.00368	day
LB0052	Painter Gd.1	0.00042	day
LB0077	Labour	0.01450	day
MP0172	Welder - electric arc	0.01740	day
MT0180	Rolled sections (250 MPa) - Angles	0.41300	kg
MT0182	Rolled sections (250 MPa) - Flats	0.13600	kg
MT0184	Rolled sections (250 MPa) - Plates	0.48900	kg
MT0221	Fasteners - M.S. Bolts & Nuts, Screws etc	0.01360	kg
MT0711	Synthetic red lead primer	0.00099	litre

SW0022 Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and applying priming coat of red lead paint - In Tubular sections

Coefficient for per kg

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.01212	day
LB0052	Painter Gd.1	0.00055	day
LB0077	Labour	0.00963	day
MT0200	Welded Tube (250 MPa)	1.00000	kg
MT0711	Synthetic red lead primer	0.00130	litre

SW0030 Providing & fixing in position with vertical channels 20x10x2mm and braced with flat iron, diagonals 20x5mm with top and bottom rails of T-iron 40x40x6mm with 38mm dia steel pulleys complete with bolts, nuts, locking arrangement, stoppers handles including applying a priming coat of red lead paint - Collapsible steel shutters

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	3.99454	day
LB0036	Mason Gd.1	0.13346	day
LB0051	Mason Gd.2	0.13346	day
LB0052	Painter Gd.1	0.06719	day
LB0077	Labour	0.18364	day
MT0180	Rolled sections (250 MPa) - Angles	3.61000	kg
MT0181	Rolled sections (250 MPa) - Channels	14.78100	kg
MT0182	Rolled sections (250 MPa) - Flats	16.67000	kg
MT0711	Synthetic red lead primer	0.15768	litre

SW0035 Providing & fixing in position Aluminium Rolling shutters of 0.57mm thickness, including all accessories

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.32981	day
LB0036	Mason Gd.1	0.01534	day
LB0051	Mason Gd.2	0.01534	day
LB0077	Labour	0.26676	day
MT0515	Aluminium Rolling shutters of 0.57mm thickness with all accessories	1.00000	sq.m

SW0045 Providing & fixing anodised Aluminium section for doors, windows, ventilators, partitions framing, false ceiling framing of specified sections including all accessories such as U-rubber gasket for fixing glass panes, weather strips or weather seals, roller, springs, etc complete (excluding the cost of glass panes or boards in case of partitions/doors/windows and ceiling boards in case of ceiling) - Sliding, openable and pivoted windows
Coefficient for per kg

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.01918	day
LB0033	Carpenter Gd.2	0.01687	day
LB0077	Labour	0.04563	day
MT0165	Anodised Aluminium Section for doors, windows - Sliding, openable and pivoted	1.00000	kg

SW0046 Providing & fixing anodised Aluminium section for doors, windows, ventilators, partitions framing, false ceiling framing of specified sections including all accessories such as U-rubber gasket for fixing glass panes, weather strips or weather seals, roller, springs, etc complete (excluding the cost of glass panes or boards in case of partitions/doors/windows and ceiling boards in case of ceiling) - Sliding and openable doors
Coefficient for per kg

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02301	day
LB0033	Carpenter Gd.2	0.01687	day
LB0077	Labour	0.04563	day
MT0166	Anodised Aluminium Section for doors, windows - Sliding and openable doors	1.00000	kg

SW0047 Providing & fixing anodised Aluminium section for doors, windows, ventilators, partitions framing, false ceiling framing of specified sections including all accessories such as U-rubber gasket for fixing glass panes, weather strips or weather seals, roller, springs, etc complete (excluding the cost of glass panes or boards in case of partitions/doors/windows and ceiling boards in case of ceiling) - Partition framing
Coefficient for per kg

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.01151	day
LB0033	Carpenter Gd.2	0.01687	day
LB0077	Labour	0.04563	day
MT0167	Anodised Aluminium Section for doors, windows - Partitions framing	1.00000	kg

SW0048 Providing & fixing anodised Aluminium section for doors, windows, ventilators, partitions framing, false ceiling framing of specified sections including all accessories such as U-rubber gasket for fixing glass panes, weather strips or weather seals, roller, springs, etc complete (excluding the cost of glass panes or boards in case of partitions/doors/windows and ceiling boards in case of ceiling) - False ceiling framing
Coefficient for per kg

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.00844	day
LB0033	Carpenter Gd.2	0.01687	day
LB0077	Labour	0.04563	day
MT0168	Anodised Aluminium Section for doors, windows - False ceiling framing	1.00000	kg

SW0055 Extra, for providing and fixing plain glass panes on aluminium section complete (excluding the cost of aluminium frame & accessories) - 4mm thick plain glass
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.19175	day
LB0077	Labour	0.00702	day
MT0656	Plain Glass - 4mm thick	1.00000	sq.m

SW0056 Extra, for providing and fixing plain glass panes on aluminium section complete (excluding the cost of aluminium frame & accessories) - 5.5mm thick, plain glass
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.19175	day
LB0077	Labour	0.00702	day

MT0657	Plain Glass - 5.5mm thick	1.00000	sq.m
SW0057	Extra, for providing and fixing plain glass panes on aluminium section complete (excluding the cost of aluminium frame & accessories) - 5.5mm thick frosted glass		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.19175	day
LB0077	Labour	0.00702	day
MT0661	Frosted Glass - 5.5mm thick	1.00000	sq.m
SW0075	Extra, for Providing & fixing. Bhutan type architraves with 1mm steel sheet....per sq.m. of window area		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.12786	day
LB0052	Painter Gd.1	0.00518	day
LB0077	Labour	0.12176	day
MP0172	Welder - electric arc	0.05000	day
MT0190	Sheet (250 MPa) - 1mm	1.85460	kg
MT0711	Synthetic red lead primer	0.01215	litre
SW0080	Providing & fixing M.S. round hold-down bolts with nuts and washer plates		Coefficient for per kg
Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.01204	day
MT0184	Rolled sections (250 MPa) - Plates	0.20830	kg
MT0208	Thermo - Mechanically Treated (TMT) bars	0.79160	kg
SW0081	Providing & fixing bolts of various sizes including nuts & washers		Coefficient for per kg
Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.03682	day
LB0077	Labour	0.03370	day
MT0221	Fasteners - M.S. Bolts & Nuts, Screws etc	1.00000	kg
SW0082	Providing & fixing M.S. rivets of various sizes		Coefficient for per kg
Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.07977	day
LB0077	Labour	0.07301	day
MT0220	Fasteners - M.S. Rivets	1.00000	kg
SW0090	Providing, making and fixing M.S. straps, flats, sole plates etc.		Coefficient for per kg
Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.00330	day
LB0077	Labour	0.00211	day
MP0172	Welder - electric arc	0.01740	day
MT0182	Rolled sections (250 MPa) - Flats	0.44690	kg
MT0184	Rolled sections (250 MPa) - Plates	0.54360	kg
MT0220	Fasteners - M.S. Rivets	0.01050	kg

SW0095 Providing & fixing M.S. fan clamps of 16 mm dia. in R.C. slabs, including painting with red lead paint
Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.03835	day
LB0077	Labour	0.03510	day
MT0208	Thermo - Mechanically Treated (TMT) bars	1.70000	kg

SW0100 Providing and fixing steel form work in foundations, footings, bases of columns etc for mass concrete
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal worker)	0.05369	day
LB0049	General Mechanic Gd.3	0.10738	day
MT0201	M.S tube 40 mm dia	0.02130	each
MT0221	Nuts and bolts	2.00000	each
MT1670	Plates, angles and channels	0.53300	kg
MT1671	Single clip	0.01600	each
MT1672	Double clip	0.03140	each

SW0101 Providing and fixing steel form work in suspended floors, roofs, landings, shelves and their support, balconies, chajjas etc
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal worker)	0.19942	day
LB0049	General Mechanic Gd.3	0.34515	day
MT0221	Nuts and bolts	2.00000	each
MT1670	Plates, angles and channels	1.25000	kg
MT1673	Adjustable span ESO+SI	0.00800	each
MT1674	Adjustable telescopic prop (3m)	0.00940	each

SW0102 Providing and fixing steel form work in lintels, beams, girders, bresummers, cantilevers, etc.
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal worker)	0.12272	day
LB0049	General Mechanic Gd.3	0.24621	day
MT0221	Nuts and bolts	2.83000	each
MT1670	Plates, angles and channels	0.78600	kg
MT1674	Adjustable telescopic prop (3m)	0.01630	each
MT1675	Beam Clamp	0.01360	each

SW0103 Providing and fixing steel form work in columns, pillars, posts, struts etc.
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal worker)	0.17027	day
LB0049	General Mechanic Gd.3	0.34055	day
MT0221	Nuts and bolts	6.14000	each
MT1670	Plates, angles and channels	0.26300	kg
MT1676	Column clamp	0.02360	each
MT1677	Prop 2 m	0.01900	each

SW0110 Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc...including welding, grinding, buffing, polishing and making curvature (wherever required) and fittings the same with necessary stainless steel nuts and bolts complete, i/c fixing railing with necessary accessories and stainless steel dash fasteners, stainless steel bolts etc, of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of engineers in charge.
Coefficient for per kg

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal worker)	0.02301	day
LB0077	Labour	0.00702	day
LB0039	Work supervisor	0.07670	day
MT0259	Stainless steel (Grade 304) Hollow section	1.10000	kg
MT0260	Stainless steel bolts/square bar and plates	1.00000	kg

CHAPTER 13 : FLOORING

FL0050 P&L cement concrete flooring 1:2:4, finished with floating coat of neat cement - 12mm aggregates, 25mm thick

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.10478	day
LB0077	Labour	0.18149	day
MT0043	Sand	0.01100	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.02200	cu.m
MT0145	Cement (OPC / PSC)	0.01020	tonne

FL0051 P&L cement concrete flooring 1:2:4, finished with floating coat of neat cement - 20mm aggregates, 40mm thick

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.13157	day
LB0077	Labour	0.20721	day
MT0043	Sand	0.01780	cu.m
MT0070	Crushed Rock - 20mm	0.03560	cu.m
MT0145	Cement (OPC / PSC)	0.01506	tonne

FL0052 P&L cement concrete flooring 1:2:4, finished with floating coat of neat cement - 20mm aggregates, 50mm thick

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.13157	day
LB0077	Labour	0.23339	day
MT0043	Sand	0.02224	cu.m
MT0070	Crushed Rock - 20mm	0.04449	cu.m
MT0145	Cement (OPC / PSC)	0.01829	tonne

FL0053 P&L cement concrete flooring 1:2:4, finished with floating coat of neat cement - 20mm aggregates, 75mm thick

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.14583	day
LB0077	Labour	0.27859	day
MT0043	Sand	0.03339	cu.m
MT0070	Crushed Rock - 20mm	0.06679	cu.m
MT0145	Cement (OPC / PSC)	0.02580	tonne

FL0054 P&L cement concrete flooring 1:2:4, finished with floating coat of neat cement - 20mm river gravel, 40mm thick

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.13157	day
LB0077	Labour	0.20721	day
MT0043	Sand	0.17800	cu.m
MT0081	Gravel/Shingles (River stone) - 20mm to 10mm	0.35600	cu.m
MT0145	Cement (OPC / PSC)	0.01500	tonne

FL0055 P&L cement concrete flooring 1:2:4, finished with floating coat of neat cement - 20mm river gravel, 50mm thick

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.13157	day
LB0077	Labour	0.23339	day
MT0043	Sand	0.22200	cu.m
MT0081	Gravel/Shingles (River stone) - 20mm to 10mm	0.44500	cu.m
MT0145	Cement (OPC / PSC)	0.01820	tonne

FL0060 P&L cement concrete flooring 1:3:6, finished with a floating coat of neat cement - 20mm aggregates, 50mm
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.12230	day
LB0077	Labour	0.22869	day
MT0043	Sand	0.02430	cu.m
MT0070	Crushed Rock - 20mm	0.04870	cu.m
MT0145	Cement (OPC / PSC)	0.01380	tonne

FL0061 P&L cement concrete flooring 1:3:6, finished with a floating coat of neat cement - 20mm river gravel, 50mm
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.12230	day
LB0077	Labour	0.22869	day
MT0043	Sand	0.02430	cu.m
MT0081	Gravel/Shingles (River stone) - 20mm to 10mm	0.04870	cu.m
MT0145	Cement (OPC / PSC)	0.01380	tonne

FL0070 P&L 40mm red oxide flooring, finished with a floating coat of neat cement (red oxide mixed) including cement slurry etc. complete - Under layer of 30mm thick cement concrete 1:2:4, 12.5mm aggregates and top layer of 10mm thick plaster of cement red oxide mixed
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.26291	day
LB0077	Labour	0.89397	day
MT0043	Sand	0.02624	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.02670	cu.m
MT0145	Cement (OPC / PSC)	0.01792	tonne
MT0150	Red Oxide Pigment/other pigments	0.58100	kg

FL0075 P&L 62mm thick flooring with sub-layer cement concrete 1:2:4 20mm aggregates, top layer with metallic cement hardener consisting of mix 1:2 (1 cement hardener: 2 6mm stone aggregate), the metallic hardening compound is mixed by volume in the ratio 4 parts of cement & 1 part of metallic hardening compound including cement slurry - 50mm thick sub-layer and 12mm topping
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.21033	day
LB0077	Labour	0.36190	day
MT0043	Sand	0.02220	cu.m
MT0070	Crushed Rock - 20mm	0.03340	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.02260	cu.m
MT0145	Cement (OPC / PSC)	0.02630	tonne
MT0152	Floor Hardener (metallic)	2.07000	kg

FL0080 Extra for making chequers on concrete floors, steps, landings, pavements etc.
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.03428	day
LB0077	Labour	0.03388	day

FL0085 P&L 40mm thick marble chips flooring top layer 6mm thick with white, black or black and white marble chips of nominal size 1.5-3mm in proportion 1:2 (cement: chips), on 34mm thick concrete base in cement concrete 1:2:4, 12.5mm aggregate (cement and marble powder mix shall be of the ratio 3 part of cement to 1 part of marble powder) - In grey cement
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.21033	day
LB0077	Labour	1.35212	day
MT0043	Sand	0.01510	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.03029	cu.m
MT0085	Marble Chips 6mm - Black or White	0.00870	tonne
MT0145	Cement (OPC / PSC)	0.01500	tonne

FL0086 P&L 40mm thick marble chips flooring top layer 6mm thick with white, black or black and white marble chips of nominal size 1.5-3mm in proportion 1:2 (cement: chips), on 34mm thick concrete base in cement concrete 1:2:4, 12.5mm aggregate (cement and marble powder mix shall be of the ratio 3 part of cement to 1 part of marble powder) - In white cement

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.21033	day
LB0077	Labour	1.35212	day
MT0043	Sand	0.01510	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.03029	cu.m
MT0085	Marble Chips 6mm - Black or White	0.00870	tonne
MT0145	Cement (OPC / PSC)	0.01180	tonne
MT0146	White Cement	0.00430	tonne

FL0095 Extra, for coloured chips instead of black, white or black and white chips in top 6mm layer of marble chips flooring

Coefficient for per Sq.m

Code	Description	Coefficient	Units
MT0086	Marble Chips 6mm - Coloured	0.00870	tonne

FL0096 Extra, for coloured chips instead of black, white or black and white chips in top 10mm layer marble chips flooring

Coefficient for per Sq.m

Code	Description	Coefficient	Units
MT0086	Marble Chips 6mm - Coloured	0.01400	tonne

FL0105 P&L 40mm thick marble chips flooring top layer 10mm thick with white, black or black and white marble chips of size 6mm in proportion 1:2 (cement : chips), on 30mm cement concrete 1:2:4 base, 12.5mm aggregate - In grey cement

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.21033	day
LB0077	Labour	1.35212	day
MT0043	Sand	0.01398	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.02800	cu.m
MT0085	Marble Chips 6mm - Black or White	0.01398	tonne
MT0145	Cement (OPC / PSC)	0.01600	tonne

FL0106 P&L 40mm thick marble chips flooring top layer 10mm thick with white, black or black and white marble chips of size 6mm in proportion 1:2 (cement : chips), on 30mm cement concrete 1:2:4 base, 12.5mm aggregate -

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.21033	day
LB0077	Labour	1.35212	day
MT0043	Sand	0.01400	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.02800	cu.m
MT0085	Marble Chips 6mm - Black or White	0.01400	tonne
MT0145	Cement (OPC / PSC)	0.01000	tonne
MT0146	White Cement	0.00600	tonne

FL0115 Extra, for Providing & fixing glass strips in joints of terrazzo floors

Coefficient for per m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.02581	day
LB0077	Labour	0.02551	day
MT0655	Plain Glass - 3mm thick	0.04800	sq.m

FL0116	Extra, for terrazzo flooring laid as floor borders, margins, bands, 75 < width > 300mm	Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0051	Mason Gd.2	0.01948
	LB0077	Labour	0.03850
			Units
			day
			day
FL0117	Extra, for laying terrazzo flooring on stair case treads, width < 300mm, including forming nosing	Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0051	Mason Gd.2	0.02921
	LB0077	Labour	0.05775
			Units
			day
			day
FL0118	Extra, for laying terrazzo in narrow bands width <75mm	Coefficient for per m	
	Code	Description	Coefficient
	LB0051	Mason Gd.2	0.00245
	LB0077	Labour	0.00362
			Units
			day
			day
FL0119	Extra, for making moulded nosing in terrazzo, including moulded returns, ends, angles	Coefficient for per m	
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.09738
	LB0077	Labour	0.12012
			Units
			day
			day
FL0120	Providing & fixing aluminium strip 40x1.6mm in joints of terrazzo floor	Coefficient for per m	
	Code	Description	Coefficient
	LB0051	Mason Gd.2	0.02438
	LB0077	Labour	0.02410
	MT0161	Aluminium Strip 40x1.6mm	1.00000
			Units
			day
			day
			m
FL0130	P&L Cement plaster skirting < 300mm height with cement mortar 1:3 with a floating coat of neat cement including rounding off junctions with floor - 20mm	Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0051	Mason Gd.2	0.17948
	LB0077	Labour	0.22986
	MT0043	Sand	0.02514
	MT0145	Cement (OPC / PSC)	0.01308
			Units
			day
			day
			cu.m
			tonne
FL0131	P&L Cement plaster skirting < 300mm height with cement mortar 1:3 with a floating coat of neat cement including rounding off junctions with floor - 22mm	Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0051	Mason Gd.2	0.17948
	LB0077	Labour	0.23223
	MT0043	Sand	0.02836
	MT0145	Cement (OPC / PSC)	0.01461
			Units
			day
			day
			cu.m
			tonne
FL0140	Providing & fixing Terrazzo or Marble chips skirting < 300mm height top layer 6mm thick with white or black, black and white marble chips size 4mm in proportion 1:2 ,laid on 12.5mm thick cement plaster 1:3 base - In	Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0051	Mason Gd.2	0.25848
	LB0077	Labour	1.26892
	MT0043	Sand	0.01862
	MT0085	Marble Chips 6mm - Black or White	0.00870
	MT0145	Cement (OPC / PSC)	0.01317
			Units
			day
			day
			cu.m
			tonne
			tonne

FL0141 Providing & fixing Terrazzo or Marble chips skirting < 300mm height top layer 6mm thick with white or black, black and white marble chips size 4mm in proportion 1:2 ,laid on 12.5mm thick cement plaster 1:3 base - In
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.25848	day
LB0077	Labour	1.26892	day
MT0043	Sand	0.01862	cu.m
MT0085	Marble Chips 6mm - Black or White	0.00870	tonne
MT0145	Cement (OPC / PSC)	0.00887	tonne
MT0146	White Cement	0.00430	tonne

FL0150 P&L marble stone flooring over 20mm thick base of cement mortar 1:4, jointed with grey cement slurry mixed with pigment where necessary, rubbing & polishing complete - 20mm thick black marble
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31325	day
LB0077	Labour	0.47186	day
MT0043	Sand	0.02397	cu.m
MT0090	Marble Slab 20mm - Black	1.15000	sq.m
MT0145	Cement (OPC / PSC)	0.01351	tonne

FL0151 P&L marble stone flooring over 20mm thick base of cement mortar 1:4, jointed with grey cement slurry mixed with pigment where necessary, rubbing & polishing complete - 20mm thick white marble
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31325	day
LB0077	Labour	0.47186	day
MT0043	Sand	0.02397	cu.m
MT0091	Marble Slab 20mm - White	1.15000	sq.m
MT0145	Cement (OPC / PSC)	0.01351	tonne

FL0152 P&L marble stone flooring over 20mm thick base of cement mortar 1:4, jointed with grey cement slurry mixed with pigment where necessary, rubbing & polishing complete - 20mm thick black and white marble
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31325	day
LB0077	Labour	0.47186	day
MT0043	Sand	0.02397	cu.m
MT0092	Marble Slab 20mm - Black and White	1.15000	sq.m
MT0145	Cement (OPC / PSC)	0.01351	tonne

FL0153 P&L marble stone flooring over 20mm thick base of cement mortar 1:4, jointed with grey cement slurry mixed with pigment where necessary, rubbing & polishing complete - 20mm thick coloured marble
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31325	day
LB0077	Labour	0.47186	day
MT0043	Sand	0.02397	cu.m
MT0093	Marble Slab 20mm - Coloured	1.15000	sq.m
MT0145	Cement (OPC / PSC)	0.01351	tonne

FL0154 P&L marble stone flooring over 20mm thick base of cement mortar 1:4, jointed with grey cement slurry mixed with pigment where necessary, rubbing & polishing complete - 40mm thick black marble
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31325	day
LB0077	Labour	0.47186	day
MT0043	Sand	0.02397	cu.m
MT0100	Marble Slab 40mm - Black	1.15000	sq.m
MT0145	Cement (OPC / PSC)	0.01391	tonne

FL0155	P&L marble stone flooring over 20mm thick base of cement mortar 1:4, jointed with grey cement slurry mixed with pigment where necessary, rubbing & polishing complete - 40mm thick white marble	Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31325	day
LB0077	Labour	0.47186	day
MT0043	Sand	0.02397	cu.m
MT0101	Marble Slab 40mm - White	1.15000	sq.m
MT0145	Cement (OPC / PSC)	0.01391	tonne
FL0156	P&L marble stone flooring over 20mm thick base of cement mortar 1:4, jointed with grey cement slurry mixed with pigment where necessary, rubbing & polishing complete - 40mm thick black and white marble	Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31325	day
LB0077	Labour	0.47186	day
MT0043	Sand	0.02397	cu.m
MT0102	Marble Slab 40mm - Black and White	1.15000	sq.m
MT0145	Cement (OPC / PSC)	0.01391	tonne
FL0157	P&L marble stone flooring over 20mm thick base of cement mortar 1:4, jointed with grey cement slurry mixed with pigment where necessary, rubbing & polishing complete - 40mm thick coloured marble	Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31325	day
LB0077	Labour	0.47186	day
MT0043	Sand	0.02397	cu.m
MT0103	Marble Slab 40mm - Coloured	1.15000	sq.m
MT0145	Cement (OPC / PSC)	0.01351	tonne
FL0160	P&L Kota stone flooring over 20mm thick base of cement mortar 1:4, jointed with grey cement slurry mixed with pigment where necessary, rubbing & polishing complete - 20mm	Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31325	day
LB0077	Labour	0.30786	day
MT0043	Sand	0.02397	cu.m
MT0110	Kota Stone Slab - 20mm	1.10000	sq.m
MT0145	Cement (OPC / PSC)	0.01351	tonne
FL0161	P&L Kota stone flooring over 20mm thick base of cement mortar 1:4, jointed with grey cement slurry mixed with pigment where necessary, rubbing & polishing complete - 40mm	Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31325	day
LB0077	Labour	0.30786	day
MT0043	Sand	0.02397	cu.m
MT0111	Kota Stone Slab - 40mm	1.10000	sq.m
MT0145	Cement (OPC / PSC)	0.01351	tonne
FL0170	Extra, for marble stone flooring for laying in step-treads, width < 300 mm	Coefficient for per sq. m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04364	day
LB0077	Labour	0.10927	day
FL0171	Extra, for marble stone flooring for nosing in step-treads	Coefficient for per m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04475	day
LB0077	Labour	0.08200	day

FL0175 P&L granite stone flooring over 18mm thick base of cement mortar 1:4, jointed with grey cement slurry mixed with pigment where necessary, rubbing & polishing complete - 18mm thick

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31325	day
LB0077	Labour	0.27309	day
MT0043	Sand	0.02397	cum
MT0114	Granite slab 18mm	1.15000	sq.m
MT0145	Cement (OPC/PSC)	0.01351	tonne

FL0176 P&L granite stone flooring over 20mm thick base of cement mortar 1:4, jointed with grey cement slurry mixed with pigment where necessary, rubbing & polishing complete - 20mm thick

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31325	day
LB0077	Labour	0.27309	day
MT0043	Sand	0.02397	cum
MT0115	Granite slab 20mm	1.15000	sq.m
MT0145	Cement (OPC/PSC)	0.01351	tonne

FL0177 Extra, for granite stone flooring for laying in step-tread, width <300 mm

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04364	day
LB0077	Labour	0.10927	day

FL0178 Extra, for granite stone flooring for nosing in step-treads

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.04475	day
LB0077	Labour	0.08200	day

FL0180 Providing & fixing Cement Bonded Particle Board flooring including nails/screws etc. complete excluding the cost of frame - 25mm

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0356	Pre-laminated (both sides) Cement Bonded Particle Board - 25mm	1.05000	sq.m

FL0181 Providing & fixing Cement Bonded Particle Board flooring including nails/screws etc. complete excluding the cost of frame - 30mm

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0357	Pre-laminated (both sides) Cement Bonded Particle Board - 30mm	1.05000	sq.m

FL0190 Providing & fixing Plain Particle-Board Flooring fixing with necessary screws etc. complete, excluding cost of frame - 25mm

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0369	Plain Particle Board - 25mm	1.00000	sq.m

FL0191	Providing & fixing Plain Particle-Board Flooring fixing with necessary screws etc. complete, excluding cost of frame - 35mm			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.18255	day
	LB0077	Labour	0.16708	day
	MT0370	Plain Particle Board - 35mm	1.00000	sq.m
FL0200	Providing & fixing Class 'B', (conifer) Flooring including fixing with iron screws etc. complete, excluding the cost of frame - 25mm thick, T&G			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.20709	day
	LB0077	Labour	0.09477	day
	MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02981	cu.m
FL0201	Providing & fixing Class 'B', (conifer) Flooring including fixing with iron screws etc. complete, excluding the cost of frame - 25mm thick, half-lapped			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.16107	day
	LB0077	Labour	0.07722	day
	MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.02981	cu.m
FL0202	Providing & fixing Class 'B', (conifer) Flooring including fixing with iron screws etc. complete, excluding the cost of frame - 40mm thick, T&G			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.22243	day
	LB0077	Labour	0.10039	day
	MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.04600	cu.m
FL0203	Providing & fixing Class 'B', (conifer) Flooring including fixing with iron screws etc. complete, excluding the cost of frame - 40mm thick, half-lapped			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.19942	day
	LB0077	Labour	0.10951	day
	MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.04600	cu.m
FL0204	Providing & fixing Class 'B', (conifer) Flooring including fixing with iron screws etc. complete, excluding the cost of frame - 45mm thick, T&G			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.23930	day
	LB0077	Labour	0.11021	day
	MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.04950	cu.m
FL0205	Providing & fixing Class 'B', (conifer) Flooring including fixing with iron screws etc. complete, excluding the cost of frame - 45mm thick, half-lapped			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0021	Carpenter Gd.1	0.20862	day
	LB0077	Labour	0.11723	day
	MT0330	Rough-sawn timber (urban rate) - Class 'B', (conifer)	0.04950	cu.m

FL0210 Providing & fixing Parquet (wood block) flooring including blown bitumen underlay and iron screws etc. complete, excluding cost of frame - 38mm thick, class 'A' ,(conifer)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	1.67743	day
LB0039	Work Supervisor (Lajab)	0.09588	day
LB0077	Labour	3.28887	day
MT0001	Bitumen VG - 10	0.00450	tonne
MT0331	Rough-sawn timber (urban rate) - Class 'A', (conifer)	0.04180	cu.m

FL0215 Providing & fixing Pre-Fabricated Flooring Profiles in Class 'B', (conifer) including necessary screws etc. complete - 25mm thick

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0395	Flooring - 25mm, Class 'B', (conifer)	1.00000	sq.m

FL0216 Providing & fixing Pre-Fabricated Flooring Profiles in Class 'B', (conifer) including necessary screws etc. complete - 38mm thick

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.18255	day
LB0077	Labour	0.16708	day
MT0396	Flooring - 38mm, Class 'B', (conifer)	1.00000	sq.m

FL0225 Providing & fixing 2mm thick Vinyl or Linoleum sheet laid with special adhesive, including 2 coat of bitumen applied over subfloor on prepared surface @ 1.5 kg/sq.m each coat including the cost of base concrete - Over base of 25mm thick cement concrete 1:2:4 , 12.5mm aggregate

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05369	day
LB0051	Mason Gd.2	0.10316	day
LB0077	Labour	0.28831	day
MT0001	Bitumen VG - 10	0.00357	tonne
MT0035	Kerosene	0.25830	litre
MT0043	Sand	0.01100	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.02200	cu.m
MT0145	Cement (OPC / PSC)	0.01020	tonne
MT0672	Linoleum sheet, 2mm	1.00000	sq.m

FL0230 P&L rammed mud flooring complete

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.00767	day
LB0077	Labour	0.02106	day
MT0042	Mud dry	0.10000	cu.m
MT0044	Hay/husk	0.80000	kg

CHAPTER 14 : TILING - WALL & FLOOR

GL0001 Providing and fixing vitrified tiles in skirting, step risers, dado and wall in different sizes (Sizes and thickness to be specified by the engineer/as per design) in all colours and shade, on 12 mm thick cement mortar 1:3 (1 cement:3 sand) finished with flush-pointing in white cement

Coefficient for per sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.25000	day
LB0077	Labour	0.25000	day
MT0043	Sand	0.01498	cu.m
MT0145	Cement (OPC / PSC)	0.01044	tonne
MT0665	Vitrified Wall tiles	1.02500	sq.m

GL0002 Providing and laying vitrified tiles in flooring, treads of steps and landings in different sizes (Sizes and thickness to be specified by the engineer/as per design) in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) finished with flush pointing in white cement

Coefficient for per sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.20000	day
LB0077	Labour	0.20000	day
MT0043	Sand	0.02461	cu.m
MT0145	Cement (OPC / PSC)	0.01199	tonne
MT0670	Vitrified Floor tiles	1.02500	sq.m

GL0003 Extra for laying tiles in treads of steps width <300mm, skirting and risers of steps height<300mm

Coefficient for per sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.13338	day
LB0077	Labour	0.13338	day

GL0005 Providing and laying tactile floor tiles in different sizes (Sizes and thickness to be specified by the engineer/as per design) in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) finished with flush pointing in white cement

Coefficient for per sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.20000	day
LB0077	Labour	0.20000	day
MT0043	Sand	0.02461	cu.m
MT0145	Cement (OPC / PSC)	0.01199	tonne
MT0671	Tactile Floor tiles	1.02500	sq.m

CHAPTER 15: ROOFING

RF0001 Providing & fixing Corrugated Galvanised Iron (CGI) sheeting, including bolts, hooks and nuts 8mm dia. with bitumen and G.I limpet washers filled with white lead for connection, excluding the cost of purlins, rafter and Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.08054	day
LB0039	Work Supervisor (Lajab)	0.00690	day
LB0077	Labour	0.07371	day
MT0275	Corrugated G.I Sheets - 24G (0.63mm)	1.10000	sq.m

RF0003 Providing & fixing Pre - Painted Galvanised Iron (PPGI) sheets, including bolts, hooks and nuts 8mm dia. with bitumen and G.I limpet washers filled with white lead for connection, excluding the cost of purlins, rafter and Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.08054	day
LB0039	Work Supervisor (Lajab)	0.00690	day
LB0077	Labour	0.07371	day
MT0278	Pre Painted Galvanised Steel Corrugated Roofing sheets 25g	1.10000	sq.m

RF0004 Providing & fixing Pre Painted Galvalume (PPGL) sheeting, including necessary accessories for fixing sheet (excluding the cost of purlins, rafter and trusses) - 25g Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.08054	day
LB0039	Work Supervisor (Lajab)	0.00690	day
LB0077	labourer	0.07371	day
MT0279	Pre Painted Galvalume Roofing Sheet (PPGL) - 25 g (0.5 mm)	1.10000	sq.m

RF0005 Providing & fixing 600mm ridges or hips in plain G.I including bolts, hooks and nuts 8mm dia G.I limpet and bitumen washers for connection - 24g Coefficient for per m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.18485	day
LB0039	Work Supervisor (Lajab)	0.03682	day
LB0077	Labour	0.20358	day
MT0309	Corrugated Galvnised Iron (CGI) ridge 1.83m Long 24g	0.54645	Each

RF0007 Providing & fixing 600mm ridges or hips in Pre - Painted Galvanised Iron (PPGI) sheets, including bolts, hooks and nuts 8mm dia G.I limpet and bitumen washers for connection - 24g Coefficient for per m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.18485	day
LB0039	Work Supervisor (Lajab)	0.03682	day
LB0077	Labour	0.20358	day
MT0310	Pre-Painted Galvanised Iron (PPGI) ridge 3.048m Long 25g	0.52808	Each

RF0008 Providing & fixing 600 mm ridges or hips in Pre-Painted Galvalume (PPGL) sheets, including necessary accessories for fixing sheet - 25 g Coefficient for per m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.18485	day
LB0039	Work Supervisor (Lajab)	0.03682	day
LB0077	labourer	0.20358	day
MT0311	Pre-painted Galvalume (PPGL) ridge, 600 mm wide overall, 3.048 m long - 25 g (0.5 mm)	0.52808	each

RF0010 Providing & fixing 450mm over all semi-circular plain G.I gutter, including brackets, bolts, nuts, washers & rain water pipes connections, excluding the cost of pipes - 24g sheet

Coefficient for per m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.08897	day
LB0033	Carpenter Gd.2	0.06619	day
LB0039	Work Supervisor (Lajab)	0.02424	day
LB0077	Labour	0.16286	day
MT0182	Rolled sections (250 MPa) - Flats	0.83000	kg
MT0312	Corrugated Galvanised Iron (CGI) gutter 1.83m Long 24g	0.54645	each

RF0011 Providing & fixing 600 mm overall width Pre - Painted Galvanised Iron (PPGI) gutter, including brackets, bolts, nuts, washers & rain water pipes connections, excluding the cost of pipes - 25 g sheet

Coefficient for per m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.08897	day
LB0033	Carpenter Gd.2	0.06619	day
LB0039	Work Supervisor (Lajab)	0.02424	day
LB0077	labourer	0.16286	day
MT0182	Rolled sections (250 MPa) - Flats	0.83000	kg
MT0313	Pre - Painted Galvanised Iron (PPGI) gutter, 600 mm wide overall, 3.048 m long - 25 g (0.5 mm)	0.52808	each

RF0012 Providing & fixing 600 mm overall width Pre-Painted Galvalume (PPGL) gutter, including brackets, bolts, nuts, washers & rain water pipes connections, excluding the cost of pipes - 25 g sheet

Coefficient for per m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.08897	day
LB0033	Carpenter Gd.2	0.06619	day
LB0039	Work Supervisor (Lajab)	0.02424	day
LB0077	Labourer	0.16286	day
MT0182	Rolled sections (250 MPa) - Flats	0.83000	kg
MT0314	Pre-painted Galvalume (PPGL) gutter, 600 mm wide overall, 3.048 m long - 25 g (0.5 mm)	0.52808	each

RF0013 Providing & fixing semi circular/half round Poly Vinyl Chloride (PVC) roof gutter of 140mm dia 3.04m long, including fittings (brackets, bolts, nuts, washer, end cap, tee end cap etc) excluding the cost of pipes.

Coefficient for per m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.06619	day
LB0039	Work Supervisor (Lajab)	0.02424	day
LB0077	Labourer	0.16286	day
MT0320	Semi circular/half round Poly Vinyl Chloride (PVC) roof gutter of 140mm dia 3.04m long	0.32895	each

RF0014 Providing & fixing semi circular/half round Poly Vinyl Chloride (PVC) roof gutter of 180mm dia 3.04m long, including fittings (brackets, bolts, nuts, washer, end cap, tee end cap etc) excluding the cost of pipes.

Coefficient for per m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.06619	day
LB0039	Work Supervisor (Lajab)	0.02424	day
LB0077	Labourer	0.16286	day
MT0321	Semi circular/half round Poly Vinyl Chloride (PVC) roof gutter of 180mm dia 3.04m long	0.32895	each

RF0015 Extra, for Providing & fixing curved C.G.I/PPGI/PPGL sheet in roofing

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.01074	day

LB0039	Work Supervisor (Lajab)	0.00066	day
LB0077	Labour	0.00983	day
RF0016	Extra, for Providing & fixing C.G.I/PPGI/PPGL sheets vertically or to a pitch >60 degrees		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0077	Labour	0.02387	day
RF0017	Extra, for making straight-cut openings for chimney, sky lights		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.03835	day
LB0033	Carpenter Gd.2	0.01345	day
LB0039	Work Supervisor (Lajab)	0.00115	day
LB0077	Labour	0.04741	day
RF0025	Extra, for making opening or recess in CGI roofing of girth < 1 metre - Area upto 0.01sq.m		Coefficient for per each
Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.04794	day
LB0077	Labour	0.01088	day
RF0026	Extra, for making opening or recess in CGI roofing of girth < 1 metre - 0.01 < Area < 0.04sq.m		Coefficient for per each
Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.07977	day
LB0077	Labour	0.07301	day
RF0027	Extra, for making opening or recess in CGI roofing of girth < 1 metre - Area > 0.04sq.m		Coefficient for per each
Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.11965	day
LB0077	Labour	0.10951	day
RF0060	Providing & fixing wind tie of 40 x 6 mm flats		Coefficient for per m
Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.01611	day
LB0077	Labour	0.01474	day
MT0182	Rolled sections (250 MPa) - Flats	2.00000	kg
RF0075	Providing & fixing single slate roofing including bitumen felt water-proofing etc complete, excluding the cost of wooden reapers, trusses		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.14266	day
LB0051	Mason Gd.2	0.14266	day
LB0077	Labour	0.26185	day
MT0005	Bitumen felt Type 3 - Grade 1	1.05000	sq.m
MT0285	R o o f i n g S l a t e - 600mm x 300mm	10.00000	each
RF0130	Providing & fixing shinglep roofing with shinglep of size 1350x125x12mm in 3 layers including tying, uplift protection complete		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.11505	day
LB0077	Labour	0.10530	day
MT0060	Boulder	0.06000	cu.m
MT0315	S h i n g l e p r o o f i n g - 1500mm (approx.)	10.00000	pair

RF0150 P&f 2mm Polycarbonate transparent sheet including 8mm G.I J or L hooks, bitumen & G.I limpet washers etc complete, excluding cost of frame

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.11505	day
LB0039	Work Supervisor (Lajab)	0.06750	day
LB0077	Labour	0.10530	day
MT0280	Polycarbonate transparent sheets - 2mm,	1.05000	sq.m

RF0190 Providing and fixing on wall face single socketed rigid PVC (Working Pressure 4kgf per sq.cm) rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 75 mm dia

Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber gd.1	0.26845	day
LB0077	Labour	0.28080	day
MT1160	Pipe, single socketed 3m long, 75 mm dia	0.33333	m
MT1320	Seal ring - 75 mm	0.33333	each

RF0191 Providing and fixing on wall face single socketed rigid PVC (Working Pressure 4kgf per sq.cm) rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 90 mm dia

Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber gd.1	0.26845	day
LB0077	Labour	0.28080	day
MT1161	Pipe, single socketed 3m long, 90 mm dia	0.33333	m
MT1321	seal ring - 90 mm	0.33333	each

RF0192 Providing and fixing on wall face single socketed rigid PVC (Working Pressure 4kgf per sq.cm) rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 110 mm dia

Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber gd.1	0.26845	day
LB0077	Labour	0.28080	day
MT1162	Pipe, single socketed 3m long, 110 mm dia	0.33333	m
MT1322	seal ring -110 mm	0.33333	each

RF0195 Providing and fixing on wall face PVC coupler for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 75 mm dia

Coefficient for each

Code	Description	Coefficient	Units
LB0038	Plumber gd.1	0.03835	day
LB0077	Labour	0.03510	day
MT1205	Coupler - 75 mm	1.00000	each
MT1320	seal ring -75 mm	2.00000	each

RF0196 Providing and fixing on wall face PVC coupler for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 90 mm dia

Coefficient for each

Code	Description	Coefficient	Units
LB0038	Plumber gd.1	0.03835	day
LB0077	Labour	0.03510	day
MT1206	Coupler - 90 mm	1.00000	each
MT1321	seal ring -90 mm	2.00000	each

RF0197 Providing and fixing on wall face PVC coupler for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 110 mm dia

Coefficient for each

Code	Description	Coefficient	Units
LB0038	Plumber gd.1	0.03835	day
LB0077	Labour	0.03510	day

	MT1207	Coupler - 110 mm	1.00000	each
	MT1322	Seal ring -110 mm	2.00000	each
RF0200	Providing and fixing on wall face PVC single tee with door for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 75 mm dia			Coefficient for each
	Code	Description	Coefficient	Units
	LB0038	Plumber gd.1	0.03835	day
	LB0077	Labour	0.03510	day
	MT1255	Single Tee with door- 75 mm	1.00000	each
	MT1320	seal ring -75 mm	2.00000	each
RF0201	Providing and fixing on wall face PVC single tee with door for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete -90 mm dia			Coefficient for each
	Code	Description	Coefficient	Units
	LB0038	Plumber gd.1	0.03835	day
	LB0077	Labour	0.03510	day
	MT1256	Single Tee with door- 90 mm	1.00000	each
	MT1321	seal ring -90 mm	2.00000	each
RF0202	Providing and fixing on wall face PVC single tee with door for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete -110 mm dia			Coefficient for each
	Code	Description	Coefficient	Units
	LB0038	Plumber gd.1	0.03835	day
	LB0077	Labour	0.03510	day
	MT1257	Single Tee with door- 110 mm	1.00000	each
	MT1322	seal ring -110 mm	2.00000	each
RF0205	Providing and fixing on wall face PVC plain single tee for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 75 mm dia			Coefficient for each
	Code	Description	Coefficient	Units
	LB0038	Plumber gd.1	0.03835	day
	LB0077	Labour	0.03510	day
	MT1245	Single Tee , plain - 75 mm	1.00000	each
	MT1320	seal ring -75 mm	2.00000	each
RF0206	Providing and fixing on wall face PVC plain single tee for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 90 mm dia			Coefficient for each
	Code	Description	Coefficient	Units
	LB0038	Plumber gd.1	0.03835	day
	LB0077	Labour	0.03510	day
	MT1246	Single Tee , plain - 90 mm	1.00000	each
	MT1321	seal ring -90 mm	2.00000	each
RF0207	Providing and fixing on wall face PVC plain single tee for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 110mm dia			Coefficient for each
	Code	Description	Coefficient	Units
	LB0038	Plumber gd.1	0.03835	day
	LB0077	Labour	0.03510	day
	MT1247	Single Tee , plain - 110 mm	1.00000	each
	MT1322	Seal ring -110 mm	2.00000	each
RF0210	Providing and fixing on wall face PVC bend for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 75 mm dia			Coefficient for each
	Code	Description	Coefficient	Units
	LB0038	Plumber gd.1	0.03835	day
	LB0077	Labour	0.03510	day

MT1215	Plain Bend - 75 mm	1.00000	each
MT1320	Seal ring -75 mm	2.00000	each

RF0211 Providing and fixing on wall face PVC bend for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 90 mm dia

Coefficient for each

Code	Description	Coefficient	Units
LB0038	Plumber gd.1	0.03835	day
LB0077	Labour	0.03510	day
MT1216	Plain Bend -90 mm	1.00000	each
MT1321	Seal ring -90 mm	2.00000	each

RF0212 Providing and fixing on wall face PVC bend for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 110 mm dia

Coefficient for each

Code	Description	Coefficient	Units
LB0038	Plumber gd.1	0.03835	day
LB0077	Labour	0.03510	day
MT1217	Plain Bend -110 mm	1.00000	each
MT1322	Seal ring -110 mm	2.00000	each

RF0215 Providing and fixing on wall face PVC bend for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 75 mm dia

Coefficient for each

Code	Description	Coefficient	Units
LB0038	Plumber gd.1	0.03835	day
LB0077	Labour	0.03510	day
MT1239	Plain Shoe - 75 mm	1.00000	each
MT1320	Seal ring -75 mm	2.00000	each

RF0216 Providing and fixing on wall face PVC bend for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete - 90 mm dia

Coefficient for each

Code	Description	Coefficient	Units
LB0038	Plumber gd.1	0.03835	day
LB0077	Labour	0.03510	day
MT1240	Plain Shoe - 90 mm	1.00000	each
MT1321	Seal ring -90 mm	2.00000	each

RF0217 Providing and fixing on wall face PVC bend for rigid rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion complete -110 mm dia

Coefficient for each

Code	Description	Coefficient	Units
LB0038	Plumber gd.1	0.03835	day
LB0077	Labour	0.03510	day
MT1241	Plain Shoe -110 mm	1.00000	each
MT1322	seal ring -110 mm	2.00000	each

CHAPTER 16 : PLUMBING - INDOOR WORK

PI0001	Providing & fixing G.I pipes including G.I fittings & clamps & repair walls - 15mm	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.03221	day
LB0054	Plumber Gd.2	0.06443	day
LB0077	Labour	0.05897	day
MT0805	G.I pipe - 15mm	1.05000	m
PI0002	Providing & fixing G.I pipes including G.I fittings & clamps & repair walls - 20mm	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.03221	day
LB0054	Plumber Gd.2	0.07862	day
LB0077	Labour	0.05897	day
MT0806	G.I pipe - 20mm	1.05000	m
PI0003	Providing & fixing G.I pipes including G.I fittings & clamps & repair walls - 25mm	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.03221	day
LB0054	Plumber Gd.2	0.09434	day
LB0077	Labour	0.05897	day
MT0807	G.I pipe - 25mm	1.05000	m
PI0004	Providing & fixing G.I pipes including G.I fittings & clamps & repair walls - 32mm	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.03221	day
LB0054	Plumber Gd.2	0.09434	day
LB0077	Labour	0.08635	day
MT0808	G.I pipe - 32mm	1.05000	m
PI0005	Providing & fixing G.I pipes including G.I fittings & clamps & repair walls - 40mm	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.03221	day
LB0054	Plumber Gd.2	0.12579	day
LB0077	Labour	0.11513	day
MT0809	G.I pipe - 40mm	1.05000	m
PI0006	Providing & fixing G.I pipes including G.I fittings & clamps & repair walls - 50mm	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.03221	day
LB0054	Plumber Gd.2	0.15724	day
LB0077	Labour	0.14391	day
MT0810	G.I pipe - 50mm	1.05000	m
PI0010	Providing & fixing H.D.P.E pipes, PN 10, including clamps & repair walls etc. complete - 20mm	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.03221	day
LB0054	Plumber Gd.2	0.07862	day
LB0077	Labour	0.05897	day
MT0817	H.D.P.E pressure class 10kg/sq.cm - 20mm	1.05000	m

PI0011	Providing & fixing H.D.P.E pipes, PN 10, including clamps & repair walls etc. complete - 25mm	Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03221
	LB0054	Plumber Gd.2	0.09434
	LB0077	Labour	0.05897
	MT0818	H.D.P.E pressure class 10kg/sq.cm - 25mm	1.05000
			Units
			day
			day
			day
			m
PI0012	Providing & fixing H.D.P.E pipes, PN 10, including clamps & repair walls etc. complete - 32mm	Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03221
	LB0054	Plumber Gd.2	0.16337
	LB0077	Labour	0.14953
	MT0819	H.D.P.E pressure class 10kg/sq.cm - 32mm	1.05000
			Units
			day
			day
			day
			m
PI0013	Providing & fixing H.D.P.E pipes, PN 10, including clamps & repair walls etc. complete - 40mm	Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03221
	LB0054	Plumber Gd.2	0.12579
	LB0077	Labour	0.11513
	MT0820	H.D.P.E pressure class 10kg/sq.cm - 40mm	1.05000
			Units
			day
			day
			day
			m
PI0014	Providing & fixing H.D.P.E pipes, PN 10, including clamps & repair walls etc. complete - 50mm	Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03221
	LB0054	Plumber Gd.2	0.15724
	LB0077	Labour	0.14391
	MT0821	H.D.P.E pressure class 10kg/sq.cm - 50mm	1.05000
			Units
			day
			day
			day
			m
PI0290	Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN-16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings including fixing pipe with clamps at 1.0m spacing. This includes testing of joints, cutting chases and making good the wall complete as per direction of Engineer-in-Charge. -16mm	Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03221
	LB0054	Plumber Gd.2	0.06443
	LB0077	labourer	0.05897
	MT1760	PP-R pipe- 16mm	1.05000
			Units
			day
			day
			day
			m
PI0291	Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN-16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings including fixing pipe with clamps at 1.0m spacing. This includes testing of joints, cutting chases and making good the wall complete as per direction of Engineer-in-Charge. -20mm	Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03221
	LB0054	Plumber Gd.2	0.07862
	LB0077	labourer	0.05897
	MT1761	PP-R pipe - 20mm	1.05000
			Units
			day
			day
			day
			m

PI0292 Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN-16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings including fixing pipe with clamps at 1.0m spacing. This includes testing of joints, cutting chases and making good the wall complete as per direction of Engineer-in-Charge. -25mm

			Coefficient for per m	
LB0038	Plumber Gd.1	0.03221		day
LB0054	Plumber Gd.2	0.09434		day
LB0077	labourer	0.05897		day
MT1762	PP-R pipe - 25mm	1.05000		m

PI0293 Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN-16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings including fixing pipe with clamps at 1.0m spacing. This includes testing of joints, cutting chases and making good the wall complete as per direction of Engineer-in-Charge. -32mm

			Coefficient for per m	
LB0038	Plumber Gd.1	0.03221		day
LB0054	Plumber Gd.2	0.16337		day
LB0077	labourer	0.14953		day
MT1763	PP-R pipe - 32mm	1.05000		m

PI0294 Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN-16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings including fixing pipe with clamps at 1.0m spacing. This includes testing of joints, cutting chases and making good the wall complete as per direction of Engineer-in-Charge. -40mm

			Coefficient for per m	
LB0038	Plumber Gd.1	0.03221		day
LB0054	Plumber Gd.2	0.12579		day
LB0077	labourer	0.11513		day
MT1764	PP-R pipe - 40mm	1.05000		m

PI0295 Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN-16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings including fixing pipe with clamps at 1.0m spacing. This includes testing of joints, cutting chases and making good the wall complete as per direction of Engineer-in-Charge. -50mm

			Coefficient for per m	
LB0038	Plumber Gd.1	0.03221		day
LB0054	Plumber Gd.2	0.15724		day
LB0077	labourer	0.14391		day
MT1765	PP-R pipe - 50mm	1.05000		m

PI0300 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes - class 1 (SDR11), having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall. 15 mm nominal outer dia Pipes

			Coefficient for per m	
Code	Description	Coefficient		Units
LB0038	Plumber Gd.1	0.02531		day
LB0054	Plumber Gd.2	0.06289		day
LB0077	labourer	0.04633		day
MT1800	Chlorinated Polyvinyl - chloride (CPVC) pipe	1.05000		m

PI0301 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes - class 1 (SDR11), having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall. 20 mm nominal outer dia Pipes

			Coefficient for per m	
Code	Description	Coefficient	Units	
LB0038	Plumber Gd.1	0.02531	day	
LB0054	Plumber Gd.2	0.07517	day	
LB0077	labourer	0.04633	day	
MT1801	Chlorinated Polyvinyl - chloride (CPVC) pipe	1.05000	m	

PI0302 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes - class 1 (SDR11), having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall. 25 mm nominal outer dia Pipes

			Coefficient for per m	
Code	Description	Coefficient	Units	
LB0038	Plumber Gd.1	0.02531	day	
LB0054	Plumber Gd.2	0.07517	day	
LB0077	labourer	0.04633	day	
MT1802	Chlorinated Polyvinyl - chloride (CPVC) pipe	1.05000	m	

PI0303 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes - class 1 (SDR11), having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall. 32mm nominal outer dia Pipes

			Coefficient for per m	
Code	Description	Coefficient	Units	
LB0038	Plumber Gd.1	0.02531	day	
LB0054	Plumber Gd.2	0.07517	day	
LB0077	labourer	0.06880	day	
MT1803	Chlorinated Polyvinyl - chloride (CPVC) pipe	1.05000	m	

PI0304 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes - class 1 (SDR11), having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall. 40mm nominal outer dia Pipes

			Coefficient for per m	
Code	Description	Coefficient	Units	
LB0038	Plumber Gd.1	0.02531	day	
LB0054	Plumber Gd.2	0.10048	day	
LB0077	labourer	0.09196	day	
MT1804	Chlorinated Polyvinyl - chloride (CPVC) pipe	1.05000	m	

PI0305 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall. 50mm nominal outer dia Pipes

			Coefficient for per m	
Code	Description	Coefficient	Units	
LB0038	Plumber Gd.1	0.02531	day	
LB0054	Plumber Gd.2	0.10048	day	
LB0077	labourer	0.09196	day	
MT1805	Chlorinated Polyvinyl - chloride (CPVC) pipe	1.05000	m	

PI0315 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes - class 1 (SDR11), having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. -15 mm nominal outer dia Pipes

			Coefficient for per m	
Code	Description	Coefficient		Units
LB0038	Plumber Gd.1	0.04449		day
LB0054	Plumber Gd.2	0.06980		day
LB0077	labourer	0.11653		day
MT0043	Sand	0.00428		cu.m
MT0145	Cement (OPC / PSC)	0.00152		tonne
MT1800	Chlorinated Polyvinyl - chloride (CPVC) pipe	1.05000		m

PI0316 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes - class 1 (SDR11), having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. -20mm nominal outer dia Pipes

			Coefficient for per m	
Code	Description	Coefficient		Units
LB0038	Plumber Gd.1	0.04449		day
LB0054	Plumber Gd.2	0.06980		day
LB0077	labourer	0.11653		day
MT0043	Sand	0.00428		cu.m
MT0145	Cement (OPC / PSC)	0.00152		tonne
MT1801	Chlorinated Polyvinyl - chloride (CPVC) pipe	1.05000		m

PI0317 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes - class 1 (SDR11), having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. - 25mm nominal outer dia Pipes

			Coefficient for per m	
Code	Description	Coefficient		Units
LB0038	Plumber Gd.1	0.04449		day
LB0054	Plumber Gd.2	0.06980		day
LB0077	labourer	0.11653		day
MT0043	Sand	0.00428		cu.m
MT0145	Cement (OPC / PSC)	0.00152		tonne
MT1802	Chlorinated Polyvinyl - chloride (CPVC) pipe	1.05000		m

PI0318 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes - class 1 (SDR11), having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. - 32mm nominal outer dia Pipes

			Coefficient for per m	
Code	Description	Coefficient		Units
LB0038	Plumber Gd.1	0.04449		day
LB0054	Plumber Gd.2	0.06980		day
LB0077	labourer	0.11653		day
MT0043	Sand	0.00428		cu.m
MT0145	Cement (OPC / PSC)	0.00152		tonne
MT1803	Chlorinated Polyvinyl - chloride (CPVC) pipe	1.05000		m

PI0020 Providing & fixing storage tank of M.S. sheet welded all round, including 40mm G.I scour pipe, 25mm G.I overflow , 15mm ball valve , pads for inlet and outlet pipes , red lead primer & two coats of bitumastic paint - 270 litre capacity of 2mm steel sheet

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.72098	day
LB0052	Painter Gd.1	0.21648	day
LB0077	Labour	1.51438	day
MP0172	Welder - electric arc	4.70400	day
MT0191	Sheet (250 MPa) - 2mm	46.00000	kg
MT0711	Synthetic red lead primer	0.15552	litre
MT0726	Black/White bitumen enamel	0.27360	litre
MT0753	C.I manhole cover 400mm dia. inside, mosquito	1.00000	each
MT0807	G.I pipe - 25mm	1.50000	m
MT0809	G.I pipe - 40mm	0.30000	m
MT1440	15mm ball valve with plastic float	1.00000	each

PI0021 Providing & fixing storage tank of M.S. sheet welded all round, including 40mm G.I scour pipe, 25mm G.I overflow , 15mm ball valve , pads for inlet and outlet pipes , red lead primer & two coats of bitumastic paint

- 810 litre capacity of 2.8mm steel sheet

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.95875	day
LB0052	Painter Gd.1	0.44649	day
LB0077	Labour	2.16365	day
MP0172	Welder - electric arc	6.72000	day
MT0192	Sheet (250 MPa) - 2.8mm	134.00000	kg
MT0711	Synthetic red lead primer	0.32076	litre
MT0726	Black/White bitumen enamel	0.56430	litre
MT0753	C.I manhole cover 400mm dia. inside, mosquito	1.00000	each
MT0807	G.I pipe - 25mm	1.50000	m
MT0809	G.I pipe - 40mm	0.30000	m
MT1440	15mm ball valve with plastic float	1.00000	each

PI0022 Providing & fixing storage tank of M.S. sheet welded all round, including 40mm G.I scour pipe, 25mm G.I overflow , 15mm ball valve , pads for inlet and outlet pipes , red lead primer & two coats of bitumastic paint

- 1620 litre capacity of 3.15mm steel sheet

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	1.67781	day
LB0052	Painter Gd.1	0.64943	day
LB0077	Labour	3.66565	day
MP0172	Welder - electric arc	8.06400	day
MT0193	Sheet (250 MPa) - 3.5mm	219.00000	kg
MT0711	Synthetic red lead primer	0.46656	litre
MT0726	Black/White bitumen enamel	0.82080	litre
MT0753	C.I manhole cover 400mm dia. inside, mosquito	1.00000	each
MT0807	G.I pipe - 25mm	1.50000	m
MT0809	G.I pipe - 40mm	0.30000	m
MT1440	15mm ball valve with plastic float	1.00000	each

PI0030 Providing & fixing plastic tank including all accessories complete - 300 litre capacity

Coefficient for per each

Code	Description	Coefficient	Units
LB0054	Plumber Gd.2	0.12786	day
LB0077	Labour	0.23398	day
MT1440	15mm ball valve with plastic float	1.00000	each
MT1665	H.D.P.E water storage tank - 300 litres	1.00000	each

PI0031	Providing & fixing plastic tank including all accessories complete - 500 litre capacity			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0054	Plumber Gd.2	0.15340	day
	LB0077	Labour	0.28080	day
	MT1440	15mm ball valve with plastic float	1.00000	each
	MT1666	H.D.P.E water storage tank - 500 litres	1.00000	each
PI0032	Providing & fixing plastic tank including all accessories complete - 1000 litre capacity			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0054	Plumber Gd.2	0.19175	day
	LB0077	Labour	0.35100	day
	MT1440	15mm ball valve with plastic float	1.00000	each
	MT1667	H.D.P.E water storage tank - 1000 litres	1.00000	each
PI0033	Providing & fixing plastic tank including all accessories complete - 2000 litre capacity			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0054	Plumber Gd.2	0.15340	day
	LB0077	Labour	0.42120	day
	MT1440	15mm ball valve with plastic float	1.00000	each
	MT1668	H.D.P.E water storage tank - 2000 litres	1.00000	each
PI0034	Providing & fixing plastic tank including all accessories complete - 3000 litre capacity			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0054	Plumber Gd.2	0.15340	day
	LB0077	Labour	0.56160	day
	MT1440	15mm ball valve with plastic float	1.00000	each
	MT1669	H.D.P.E water storage tank - 3000 litres	1.00000	each
PI0041	Providing & fixing Indian-type vitreous china w.c squatting pan with 10 litres vitreous china cistern,, including 100 mm P or S trap, fittings and repairing walls complete- 580mm, white Orissa-model			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.48321	day
	LB0038	Plumber Gd.1	1.19652	day
	LB0077	Labour	0.87750	day
	MT1142	P-type Nahani Trap - C.I. P-trap 100mm	1.00000	each
	MT1403	W.C. P a n s - Vitreous China Indian type - 580mm Orissa, white	1.00000	each
	MT1430	Vitreous China cistern - low level, incl. fittings & flush-bend - 10 litres, white	1.00000	each
	MT1585	Brackets - R.S. or C.I Brackets	1.00000	pair
PI0042	Providing & fixing Indian-type vitreous china w.c squatting pan with 10 litres PVC cistern, including 100 mm P or S trap, fittings, and repairing walls complete - 580mm, white Orissa-model			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.48321	day
	LB0038	Plumber Gd.1	1.19652	day
	LB0077	Labour	0.87750	day
	MT1142	P-type Nahani Trap - C.I. P-trap 100mm	1.00000	each
	MT1403	W.C. P a n s - Vitreous China Indian type - 580mm Orissa, white	1.00000	each
	MT1421	PVC cistern including all fittings-10L	1.00000	each
	MT1585	Brackets - R.S. or C.I Brackets	1.00000	pair

PI0050	Providing & fixing European-type vitreous china w.c pedestal including seat and lid with c.p. brass hinges, 15l white vitreous china low level cistern, fittings, brackets, repair walls - white, with plastic seat & lid			Coefficient for per each
		Code	Description	Coefficient
		LB0038	Plumber Gd.1	0.95875
		LB0051	Mason Gd.2	0.95875
		LB0077	Labour	0.87750
		MT1400	W.C. P a n s - Vitreous China European - white	1.00000
		MT1405	W.C. P a n s - Plastic seat & lid for European	1.00000
		MT1430	Vitreous China cistern - low level, incl. fittings	1.00000
		MT1585	Brackets - R.S. or C.I Brackets	1.00000
				Units
				day
				day
				day
				each
				each
				each
				pair
PI0051	Providing & fixing European-type vitreous china w.c One piece Toilet with seat cover, repair walls complete			Coefficient for per each
		Code	Description	Coefficient
		LB0038	Plumber Gd.1	0.95875
		LB0051	Mason Gd.2	0.95875
		LB0077	Labour	0.87750
		MT1401	Vitreous China European One piece Toilet with	1.00000
				Units
				day
				day
				day
				each
PI0065	Providing & fixing white vitreous china flat back, lipped front urinal basin 430x260x350mm including all fittings, painting, and repairing walls complete			Coefficient for per each
		Code	Description	Coefficient
		LB0036	Mason Gd.1	0.84370
		LB0038	Plumber Gd.1	0.84370
		LB0077	Labour	1.31976
		MT1445	White vitreous China flat-back lipped-front type	1.00000
		MT1585	Brackets - R.S. or C.I Brackets	1.00000
				Units
				day
				day
				day
				each
				each
PI0075	Providing and fixing Porcelain, white enamelled Bath Tub with fittings and accessories complete - CP mixer, 40mm C.P brass waste, 32mm C.P brass over flow, rubber plug, 40mm C.P trap etc.			Coefficient for per each
		Code	Description	Coefficient
		LB0038	Plumber Gd.1	0.48321
		LB0077	Labour	0.87750
		MT0922	G.I. Fittings Union - 40mm	1.00000
		MT1355	Porcelain bath tub, white enamelled,	1.00000
		MT1541	C.p Mixers - basin, elbow action, surgical,	1.00000
		MT1591	C.p. brass waste (waste coupling) - 40mm	1.00000
		MT1601	C.p. brass chain with plug - 40mm	1.00000
				Units
				day
				day
				each
				each
				each
				each
				each
PI0076	Providing and fixing Fibreglass Bath Tub white with fittings and accessories complete - CP mixer, 40mm C.P brass waste. 32mm C.P brass over flow. rubber plug. 40mm C.P tran etc.			Coefficient for per each
		Code	Description	Coefficient
		LB0036	Mason Gd.1	0.31639
		LB0038	Plumber Gd.1	0.21476
		LB0077	Labour	0.49140
		MT0922	G.I. Fittings Union - 40mm	1.00000
		MT1356	Fibreglass bath tub	1.00000
		MT1541	C.p Mixers - basin, elbow action, surgical,	1.00000
		MT1591	C.p. brass waste (waste coupling) - 40mm	1.00000
		MT1601	C.p. brass chain with plug - 40mm	1.00000
				Units
				day
				day
				day
				each
				each
				each
				each
				each

PI0077 Providing and fixing PVC P-Trap, heavy duty, for bath-tub complete**Coefficient for per each**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.07670	day
MT1581	P-Trap, heavy duty, for bath-tub	1.00000	each

**PI0085 Providing & fixing white vitreous china wash basin, including C.I brackets, 15mm C.P. brass pillar taps, c.p. chain & rubber plug, 32mm pvc. waste, 32mm dia. trap & union, repair walls
- Flat back wash basin 630x450mm with a pair of 15mm c.p. brass pillar taps****Coefficient for per each**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31447	day
LB0038	Plumber Gd.1	0.31447	day
LB0077	Labour	0.58968	day
MT0921	G.I. Fittings Union - 32mm	1.00000	each
MT1360	Flat-back wash basin, white vitreous - 630 x	1.00000	each
MT1460	15mm pillar cock	2.00000	each
MT1580	Traps, c.p - 32mm	1.00000	each
MT1585	Brackets - R.S. or C.I Brackets	1.00000	pair
MT1590	C.p. brass waste (waste coupling) - 32mm	1.00000	each
MT1600	C.p. brass chain with plug - 32mm	1.00000	each

**PI0086 Providing & fixing white vitreous china wash basin, including C.I brackets, 15mm C.P. brass pillar taps, c.p. chain & rubber plug, 32mm pvc. waste, 32mm dia. trap & union, repair walls
- Flat back wash basin 630x450mm with single 15mm c.p. brass pillar tap.****Coefficient for per each**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31447	day
LB0038	Plumber Gd.1	0.29146	day
LB0077	Labour	0.56160	day
MT0921	G.I. Fittings Union - 32mm	1.00000	each
MT1360	Flat-back wash basin, white vitreous - 630 x	1.00000	each
MT1460	15mm pillar cock	1.00000	each
MT1580	Traps, c.p - 32mm	1.00000	each
MT1585	Brackets - R.S. or C.I Brackets	1.00000	pair
MT1590	C.p. brass waste (waste coupling) - 32mm	1.00000	each
MT1600	C.p. brass chain with plug - 32mm	1.00000	each

**PI0087 Providing & fixing white vitreous china wash basin, including C.I brackets, 15mm C.P. brass pillar taps, c.p. chain & rubber plug, 32mm pvc. waste, 32mm dia. trap & union, repair walls
- Flat back wash basin 550x400mm with a pair of 15mm c.p. brass pillar taps****Coefficient for per each**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31447	day
LB0038	Plumber Gd.1	0.31447	day
LB0077	Labour	0.58968	day
MT0921	G.I. Fittings Union - 32mm	1.00000	each
MT1361	Flat-back wash basin, white vitreous - 550 x	1.00000	each
MT1460	15mm pillar cock	2.00000	each
MT1580	Traps, c.p - 32mm	1.00000	each
MT1585	Brackets - R.S. or C.I Brackets	1.00000	pair
MT1590	C.p. brass waste - 32mm	1.00000	each
MT1600	C.p. brass chain with plug - 32mm	1.00000	each

**PI0088 Providing & fixing white vitreous china wash basin, including C.I brackets, 15mm C.P. brass pillar taps, c.p. chain & rubber plug, 32mm pvc. waste, 32mm dia. trap & union, repair walls
- Flat back wash basin 550x400mm with single 15mm c.p. brass pillar tap****Coefficient for per each**

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31447	day
LB0038	Plumber Gd.1	0.29146	day
LB0077	Labour	0.56160	day

MT0921	G.I. Fittings Union - 32mm	1.00000	each
MT1361	Flat-back wash basin, white vitreous - 550 x	1.00000	each
MT1460	15mm pillar cock	1.00000	each
MT1580	Traps, c.p - 32mm	1.00000	each
MT1585	Brackets - R.S. or C.I Brackets	1.00000	pair
MT1590	C.p. brass waste - 32mm	1.00000	each
MT1600	C.p. brass chain with plug - 32mm	1.00000	each

PI0095 Providing & fixing white vitreous china angle back wash basin 400x400mm including brackets, 15mm c.p. brass pillar taps, c.p. brass chain & rubber plug, 32mm c.p. brass waste, 32mm dia c.p. brass trap and G.I. union and repair walls - With single 15mm c.p. brass pillar tap

Coefficient for per each

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31447	day
LB0038	Plumber Gd.1	0.29146	day
LB0077	Labour	0.56160	day
MT0921	G.I. Fittings Union - 32mm	1.00000	each
MT1365	Angle back wash basin - 400mm x 400mm,	1.00000	each
MT1460	15mm pillar cock	1.00000	each
MT1580	Traps, c.p - 32mm	1.00000	each
MT1585	Brackets - R.S. or C.I Brackets	1.00000	pair
MT1590	C.p. brass waste - 32mm	1.00000	each
MT1600	C.p. brass chain with plug - 32mm	1.00000	each

PI0096 Providing & fixing white vitreous china angle back wash basin 400x400mm including brackets, 15mm c.p. brass pillar taps, c.p. brass chain & rubber plug, 32mm c.p. brass waste, 32mm dia c.p. brass trap and G.I. union and repair walls - With pair of 15mm c.p. brass pillar taps

Coefficient for per each

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.31447	day
LB0038	Plumber Gd.1	0.31447	day
LB0077	Labour	0.58968	day
MT0921	G.I. Fittings Union - 32mm	1.00000	each
MT1365	Angle back wash basin - 400mm x 400mm,	1.00000	each
MT1460	15mm pillar cock	2.00000	each
MT1580	Traps, c.p - 32mm	1.00000	each
MT1585	Brackets - R.S. or C.I Brackets	1.00000	pair
MT1590	C.p. brass waste - 32mm	1.00000	each
MT1600	C.p. brass chain with plug - 32mm	1.00000	each

PI0105 Providing & fixing c.p. flush valve, 32mm with 40mm outlet

Coefficient for per each

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.07670	day
MT1450	Flush fittings - c.p flush valve, 32mm with	1.00000	each

PI0106 Providing & fixing c.p. concealed flush valve, 32mm with 40mm outlet

Coefficient for per each

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.07670	day
MT1451	Flush fittings - c.p flush valve, 32mm, concealed	1.00000	each

PI0107 Providing & fixing c.p. flush bend, long

Coefficient for per each

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.07670	day
MT1452	Flush fittings - c.p flush bend, long	1.00000	each

PI0108	Providing & fixing c.p. flush valve elbow			Coefficient for per each
Code	Description	Coefficient	Units	
LB0038	Plumber Gd.1	0.07670	day	
MT1453	Flush fittings - c.p flush valve elbow	1.00000	each	
PI0115	Providing & fixing pedestals for basins, white vitreous china, recessed back for pipes and necessary fittings			Coefficient for per each
Code	Description	Coefficient	Units	
LB0038	Plumber Gd.1	0.03835	day	
MT1370	Pedestal for wash basin - white vitreous china	1.00000	each	
PI0120	Providing & fixing Kitchen Sinks including all connections and fittings - White glazed vitreous china 600 x 450 x 250 mm including accessories and repairs to walls etc.			Coefficient for per each
Code	Description	Coefficient	Units	
LB0036	Mason Gd.1	0.31447	day	
LB0038	Plumber Gd.1	0.21476	day	
LB0077	Labour	0.49140	day	
MT0922	G.I. Fittings Union - 40mm	1.00000	each	
MT1375	Sinks White glazed vitreous China - 600 x 450 x	1.00000	each	
MT1585	Brackets - R.S. or C.I Brackets	1.00000	pair	
MT1600	C.p. brass chain with plug - 32mm	1.00000	each	
PI0121	Providing & fixing Kitchen Sinks including all connections and fittings - Stainless steel, 450 x 400 x 150 mm, single bowl			Coefficient for per each
Code	Description	Coefficient	Units	
LB0021	Carpenter Gd.1	0.15724	day	
LB0038	Plumber Gd.1	0.10738	day	
LB0077	Labour	0.24570	day	
MT1380	Stainless Steel Kitchen Sinks - single bowl, 450	1.00000	each	
PI0122	Providing & fixing Kitchen Sinks including all connections and fittings - Stainless steel, 580 x 480 x 175 mm, single bowl			Coefficient for per each
Code	Description	Coefficient	Units	
LB0021	Carpenter Gd.1	0.15724	day	
LB0038	Plumber Gd.1	0.10738	day	
LB0077	Labour	0.24570	day	
MT1381	Stainless Steel Kitchen Sinks - single bowl, 580	1.00000	each	
PI0123	Providing & fixing Kitchen Sinks including all connections and fittings - Stainless steel, 940 x 460 x 160 mm, single bowl & drain-board			Coefficient for per each
Code	Description	Coefficient	Units	
LB0021	Carpenter Gd.1	0.23585	day	
LB0038	Plumber Gd.1	0.16107	day	
LB0077	Labour	0.36855	day	
MT1382	Stainless Steel Kitchen Sinks - single bowl &	1.00000	each	
PI0124	Providing & fixing Kitchen Sinks including all connections and fittings - Stainless steel, 1080 x 520 x 175 mm, single bowl & drain-board			Coefficient for per each
Code	Description	Coefficient	Units	
LB0021	Carpenter Gd.1	0.23585	day	
LB0038	Plumber Gd.1	0.16107	day	
LB0077	Labour	0.36855	day	
MT1383	Stainless Steel Kitchen Sinks - single bowl &	1.00000	each	

PI0125	Providing & fixing Kitchen Sinks including all connections and fittings - Stainless steel, 1150 x 515 x 175 mm, single bowl & drain-board	Coefficient for per each	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.23585	day
LB0038	Plumber Gd.1	0.16107	day
LB0077	Labour	0.36855	day
MT1384	Stainless Steel Kitchen Sinks - single bowl &	1.00000	each
PI0126	Providing & fixing Kitchen Sinks including all connections and fittings - Stainless steel, 1740 x 520 x 200 mm, single bowl & double drain-board	Coefficient for per each	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.31447	day
LB0038	Plumber Gd.1	0.21476	day
LB0077	Labour	0.49140	day
MT1385	Stainless Steel Kitchen Sinks - single bowl &	1.00000	each
PI0127	Providing & fixing Kitchen Sinks including all connections and fittings - Stainless steel, 940 x 460 x 160 mm, double bowl	Coefficient for per each	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.23585	day
LB0038	Plumber Gd.1	0.16107	day
LB0077	Labour	0.36855	day
MT1386	Stainless Steel Kitchen Sinks - double bowl, 940	1.00000	each
PI0128	Providing & fixing Kitchen Sinks including all connections and fittings - Stainless steel, 1150 x 520 x 160 mm, single bowl	Coefficient for per each	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.23585	day
LB0038	Plumber Gd.1	0.16107	day
LB0077	Labour	0.36855	day
MT1387	Stainless Steel Kitchen Sinks - double bowl,	1.00000	each
PI0129	Providing & fixing Kitchen Sinks including all connections and fittings - Stainless steel, 1740 x 520 x 200 mm, double bowl & single drain-board	Coefficient for per each	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.31447	day
LB0038	Plumber Gd.1	0.21476	day
LB0077	Labour	0.49140	day
MT1388	Stainless Steel Kitchen Sinks - double bowl &	1.00000	each
PI0130	Providing & fixing Kitchen Sinks including all connections and fittings - Stainless steel, 1740 x 520 x 200 mm, double bowl & double drain-board	Coefficient for per each	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.31447	day
LB0038	Plumber Gd.1	0.21476	day
LB0077	Labour	0.49140	day
MT1389	Stainless Steel Kitchen Sinks - double bowl &	1.00000	each
PI0140	Providing & fixing stainless steel drain-board, 610 x 460 mm with all necessary fittings	Coefficient for per each	
Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.16874	day
LB0038	Plumber Gd.1	0.05753	day
LB0077	Labour	0.19656	day
MT1390	Stainless Steel Kitchen Sinks - single drain-	1.00000	each

PI0141	Providing & fixing c.p. brass chain & rubber plug for basin and sink			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.03835	day
	MT1600	C.p. brass chain with plug - 32mm	1.00000	each
PI0150	Providing & fixing 32mm dia pvc. waste			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.03835	day
	MT1595	PVC waste - 32mm	1.00000	each
PI0151	Providing & fixing 32mm c.p. brass waste			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.03835	day
	MT1590	C.p. brass waste - 32mm	1.00000	each
PI0152	Providing & fixing 40mm c.p. brass waste			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.03835	day
	MT1591	C.p. brass waste (waste coupling) - 40mm	1.00000	each
PI0160	Providing & fixing Electric water heater including necessary fittings - 10 litres			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	LB0077	Labour	0.00892	day
	MT0043	Sand	0.01209	cu.m
	MT0145	Cement (OPC / PSC)	0.00576	tonne
	MT1645	Electric Water Heaters - 10 litres, vertical	1.00000	each
PI0161	Providing & fixing Electric water heater including necessary fittings - 15 litres			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	LB0077	Labour	0.01082	day
	MT0043	Sand	0.01466	cu.m
	MT0145	Cement (OPC / PSC)	0.00699	tonne
	MT1646	Electric Water Heaters - 15 litres, vertical	1.00000	each
PI0162	Providing & fixing Electric water heater including necessary fittings - 25 litres			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	LB0077	Labour	0.01137	day
	MT0043	Sand	0.01541	cu.m
	MT0145	Cement (OPC / PSC)	0.00734	tonne
	MT1647	Electric Water Heaters - 25 litres, vertical	1.00000	each
PI0163	Providing & fixing Electric water heater including necessary fittings - 35 litres			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	LB0077	Labour	0.01137	day
	MT0043	Sand	0.01541	cu.m
	MT0145	Cement (OPC / PSC)	0.00734	tonne
	MT1648	Electric Water Heaters - 35 litres, vertical	1.00000	each

PI0164	Providing & fixing Electric water heater including necessary fittings - 50 litres			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	LB0077	Labour	0.01422	day
	MT0043	Sand	0.01926	cu.m
	MT0145	Cement (OPC / PSC)	0.00918	tonne
	MT1649	Electric Water Heaters - 50 litres, vertical	1.00000	each
PI0165	Providing & fixing Electric water heater including necessary fittings - 75 litres			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	LB0077	Labour	0.01422	day
	MT0043	Sand	0.01926	cu.m
	MT0145	Cement (OPC / PSC)	0.00918	tonne
	MT1650	Electric Water Heaters - 75 litres, vertical	1.00000	each
PI0166	Providing & fixing Electric water heater including necessary fittings - 100 litres			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	LB0077	Labour	0.01509	day
	MT0043	Sand	0.02044	cu.m
	MT0145	Cement (OPC / PSC)	0.00974	tonne
	MT1651	Electric Water Heaters - 100 litres, vertical	1.00000	each
PI0175	Providing & fixing C.P. Brass shower fittings - Shower with revolving joint, 15mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1513	C.p Brass Shower fittings for 15 to 20mm inlet -	1.00000	each
PI0176	Providing & fixing C.P. Brass shower fittings - Adjustable shower, with locking key, 15mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1514	C.p Brass Shower fittings for 15 to 20mm inlet -	1.00000	each
PI0177	Providing & fixing C.P. Brass shower fittings - Shower arm, standard 15mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1515	C.p Brass Shower fittings for 15 to 20mm inlet -	1.00000	each
PI0178	Providing & fixing C.P. Brass shower fittings - Shower arm, heavy duty 15mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1516	C.p Brass Shower fittings for 15 to 20mm inlet -	1.00000	each
PI0179	Providing & fixing C.P. Brass shower fittings - Flexible shower tube & shower			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.19175	day
	LB0077	Labour	0.17550	day
	MT1512	C.p Brass Shower fittings for 15 to 20mm inlet -	1.00000	each

PI0185	Providing & fixing c.p. brass stop cock - 15mm, standard, c.p knob		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1468	15mm stop cock, c.p knob	1.00000	each
PI0186	Providing & fixing c.p. brass stop cock - 20mm, standard, c.p knob		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1469	20mm stop cock, c.p knob	1.00000	each
PI0187	Providing & fixing c.p. brass stop cock - 20mm, heavy-duty, c.p knob		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1472	20mm stop cock, H/D concealed, c.p knob	1.00000	each
PI0188	Providing & fixing c.p. brass stop cock - 15mm, concealed, c.p knob		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1470	15mm stop cock, concealed, c.p knob	1.00000	each
PI0189	Providing & fixing c.p. brass stop cock - 15mm, angle, c.p knob		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1473	15mm angle stop cock, c.p knob	1.00000	each
PI0195	Providing & fixing c.p. brass pillar-cock - 15mm, standard, c.p knob		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1460	15mm pillar cock	1.00000	each
PI0196	Providing & fixing c.p. brass pillar-cock - 15mm, swan neck, c.p knob		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1461	15mm pillar cock, swan neck, c.p knob	1.00000	each
PI0205	Providing & fixing c.p. brass bibcock - 15mm, standard vertical, c.p knob		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1464	15mm bib cock, vertical, c.p knob	1.00000	each
PI0206	Providing & fixing c.p. brass bibcock - 15mm, inclined, c.p. knob		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1465	15mm bib cock, inclined, c.p knob	1.00000	each
PI0207	Providing & fixing c.p. brass bibcock - 15mm, long nose, c.p. knob		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1466	15mm bib cock, long nose, c.p knob	1.00000	each

PI0208	Providing & fixing c.p. brass bibcock - 15mm, long body, c.p. knob			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1467	15mm bib cock, long body, c.p knob	1.00000	each
PI0215	Providing & fixing c.p. brass mixers, 15mm - For basin, single-hole, casted spout			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1530	C.p Mixers - basin, single-hole, casted spout,	1.00000	each
PI0216	Providing & fixing c.p. brass mixers, 15mm - For basin, close-hole			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1531	C.p Mixers - basin, close-hole, 15mm	1.00000	each
PI0217	Providing & fixing c.p. brass mixers, 15mm - For basin, elbow action, surgical			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1541	C.p Mixers - basin, elbow action, surgical,	1.00000	each
PI0218	Providing & fixing c.p. brass mixers, 15mm - For basin, elbow action, surgical with shower			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1542	C.p Mixers - basin, elbow action, surgical with	1.00000	each
PI0219	Providing & fixing c.p. brass mixers, 15mm - For sink, with spout J pipe			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1532	C.p Mixers - sink, with spout J pipe, 15mm	1.00000	each
PI0220	Providing & fixing c.p. brass mixers, 15mm - For sink, with casted spout swinging			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1533	C.p Mixers - sink, with casted spout swinging,	1.00000	each
PI0221	Providing & fixing c.p. brass mixers, 15mm - For sink, with swivel spout			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1546	C.p Mixers - sink, with swivel spout, 15mm	1.00000	each
PI0222	Providing & fixing c.p. brass mixers, 15mm - For wall, non-telephonic type			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1534	C.p Mixers - wall, non-telephonic type, 15mm	1.00000	each

PI0223	Providing & fixing c.p. brass mixers, 15mm - For wall, telephonic type with crutch and tel. shower	Coefficient for per each	
	Code Description	Coefficient	Units
	LB0038 Plumber Gd.1	0.07670	day
	MT1535 C.p Mixers - wall, telephonic type with crutch	1.00000	each
PI0224	Providing & fixing c.p. brass mixers, 15mm - For wall, telephonic type without crutch and tel. shower	Coefficient for per each	
	Code Description	Coefficient	Units
	LB0038 Plumber Gd.1	0.07670	day
	MT1536 C.p Mixers - wall, telephonic type without	1.00000	each
PI0225	Providing & fixing c.p. brass mixers, 15mm - For wall, telephonic type with crutch and without tel. shower	Coefficient for per each	
	Code Description	Coefficient	Units
	LB0038 Plumber Gd.1	0.07670	day
	MT1537 C.p Mixers - wall, telephonic type with crutch	1.00000	each
PI0226	Providing & fixing c.p. brass mixers, 15mm - For wall, telephonic type with C.P bend & flanges	Coefficient for per each	
	Code Description	Coefficient	Units
	LB0038 Plumber Gd.1	0.07670	day
	MT1538 C.p Mixers - wall, telephonic type with C.P bend	1.00000	each
PI0227	Providing & fixing c.p. brass mixers, 15mm - For wall, with telephonic shower arrangement with 115mm long bend pipe for over head shower connection	Coefficient for per each	
	Code Description	Coefficient	Units
	LB0038 Plumber Gd.1	0.07670	day
	MT1544 C.p Mixers - wall, with telephonic shower	1.00000	each
PI0228	Providing & fixing c.p. brass mixers, 15mm - Three hole mixer without pop-up	Coefficient for per each	
	Code Description	Coefficient	Units
	LB0038 Plumber Gd.1	0.07670	day
	MT1539 C.p Mixers - Three hole mixer without pop-up,	1.00000	each
PI0229	Providing & fixing c.p. brass mixers, 15mm - Three hole mixer with pop-up	Coefficient for per each	
	Code Description	Coefficient	Units
	LB0038 Plumber Gd.1	0.07670	day
	MT1540 C.p Mixers - Three hole mixer with pop-up,	1.00000	each
PI0230	Providing & fixing c.p. brass mixers, 15mm - For bath, with exposed adjustable legs with telephone shower arrangement with crutch	Coefficient for per each	
	Code Description	Coefficient	Units
	LB0038 Plumber Gd.1	0.07670	day
	MT1543 C.p Mixers - bath, with exposed adjustable legs	1.00000	each
PI0231	Providing & fixing c.p. brass mixers, 15mm - For shower, three in one, with bend flexible tube, and shower & hook	Coefficient for per each	
	Code Description	Coefficient	Units
	LB0038 Plumber Gd.1	0.07670	day
	MT1545 C.p Mixers - shower, three in one, with bend	1.00000	each

PI0240	Providing & fixing Wall Spouts - C.p., standard, 15mm		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03835
	MT1474	Wall spout, std, 15mm	1.00000
			Units
			day
			each
PI0241	Providing & fixing Wall Spouts - With diverter, for use with single lever mixers		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03835
	MT1476	Wall spout, with diverter, used with single-lever	1.00000
			Units
			day
			each
PI0250	Providing & fixing 600x450mm bevelled edge mirror (superior glass) fixed to wooden cleats		Coefficient for per each
	Code	Description	Coefficient
	LB0033	Carpenter Gd.2	0.32214
	LB0077	Labour	0.29484
	MT1631	Mirror (Bevelled edge) 600mm x 450mm	1.00000
			Units
			day
			day
			each
PI0251	Providing & fixing 450x120mm glass shelf, including c.p brass brackets fixed to wooden cleats		Coefficient for per each
	Code	Description	Coefficient
	LB0033	Carpenter Gd.2	0.24544
	LB0077	Labour	0.22464
	MT1630	Glass Shelf	1.00000
			Units
			day
			day
			each
PI0252	Providing & fixing c.p. towel rail 750 x 20mm with c.p brass brackets fixed to wooden cleats		Coefficient for per each
	Code	Description	Coefficient
	LB0033	Carpenter Gd.2	0.16874
	LB0077	Labour	0.15444
	MT1617	C.p Towel Rails - 20mm x 750mm	1.00000
			Units
			day
			day
			each
PI0253	Providing & fixing c.p. towel rail 600 x 20mm with c.p brass brackets fixed to wooden cleats		Coefficient for per each
	Code	Description	Coefficient
	LB0033	Carpenter Gd.2	0.16874
	LB0077	Labour	0.15444
	MT1616	C.p Towel Rails - 20mm x 600mm	1.00000
			Units
			day
			day
			each
PI0254	Providing & fixing c.p. towel rail 450 x 20mm with c.p brass brackets fixed to wooden cleats		Coefficient for per each
	Code	Description	Coefficient
	LB0033	Carpenter Gd.2	0.16874
	LB0077	Labour	0.15444
	MT1615	C.p Towel Rails - 20mm x 450mm	1.00000
			Units
			day
			day
			each
PI0255	Providing & fixing c.p. towel ring		Coefficient for per each
	Code	Description	Coefficient
	LB0033	Carpenter Gd.2	0.08437
	LB0077	Labour	0.07722
	MT1618	C.p Towel Rails - C.p Towel Ring	1.00000
			Units
			day
			day
			each
PI0260	Providing & fixing toilet paper holder - C.P. brass		Coefficient for per each
	Code	Description	Coefficient
	LB0033	Carpenter Gd.2	0.11505
			Units
			day

	LB0077	Labour	0.10530	day
	MT1635	Toilet paper holders - C.P. brass	1.00000	each
PI0261	Providing & fixing toilet paper holder - Recessed ceramic, 200 x 100 mm, coloured			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.11505	day
	LB0077	Labour	0.10530	day
	MT1637	Toilet paper holders - recessed ceramic	1.00000	each
PI0262	Providing & fixing toilet paper holder - Recessed ceramic, 200 x 100 mm, white			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1636	Toilet paper holders - recessed ceramic (white),	1.00000	each
PI0263	Providing & fixing toilet paper holder - Recessed ceramic, roll-type, 150 x 150 mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1638	Toilet paper holders - recessed ceramic (roll-	1.00000	each
PI0270	Providing & fixing Liquid soap container, c.p, including c.p brass lid & brackets, wooden cleats, c.p brass screws			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.11505	day
	LB0077	Labour	0.10530	day
	MT1606	Soap Containers - c.p Liquid Soap Container	1.00000	each
PI0275	Providing & fixing soap dish - including brackets, wooden cleats, c.p. brass screws			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.11505	day
	LB0077	Labour	0.10530	day
	MT1605	Soap Containers - c.p brass with bracket	1.00000	each
PI0276	Providing & fixing soap dish - Recessed, ceramic, 150x150 mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1608	Soap Containers - Recessed ceramic, 150 x	1.00000	each
PI0277	Providing & fixing soap dish - Recessed, ceramic, 200x100 mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.07670	day
	MT1607	Soap Containers - Recessed ceramic, 200 x	1.00000	each
PI0285	Providing & fixing c.p. coat hook - Single			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.08437	day
	LB0077	Labour	0.07722	day
	MT1625	C.p Coat Hooks - single	1.00000	each
PI0286	Providing & fixing c.p. coat hook - Double			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0033	Carpenter Gd.2	0.08437	day
	LB0077	Labour	0.07722	day
	MT1626	C.p Coat Hooks - double	1.00000	each

CHAPTER 17 : PLUMBING - OUTDOOR WORK

PO0001 P&L G.I pipes including G.I fittings (excluding trenching, refilling & thrust block) - 15mm Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.00767	day
LB0077	Labour	0.01404	day
MT0805	G.I pipe - 15mm	1.02000	m

PO0002 P&L G.I pipes including G.I fittings (excluding trenching, refilling & thrust block) - 20mm Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.00767	day
LB0077	Labour	0.01404	day
MT0806	G.I pipe - 20mm	1.02000	m

PO0003 P&L G.I pipes including G.I fittings (excluding trenching, refilling & thrust block) - 25mm Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01151	day
LB0077	Labour	0.02176	day
MT0807	G.I pipe - 25mm	1.02000	m

PO0004 P&L G.I pipes including G.I fittings (excluding trenching, refilling & thrust block) - 32mm Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01151	day
LB0077	Labour	0.02527	day
MT0808	G.I pipe - 32mm	1.02000	m

PO0005 P&L G.I pipes including G.I fittings (excluding trenching, refilling & thrust block) - 40mm Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
LB0077	Labour	0.02878	day
MT0809	G.I pipe - 40mm	1.02000	m

PO0006 P&L G.I pipes including G.I fittings (excluding trenching, refilling & thrust block) - 50mm Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
LB0077	Labour	0.02878	day
MT0810	G.I pipe - 50mm	1.02000	m

PO0007 P&L G.I pipes including G.I fittings (excluding trenching, refilling & thrust block) - 65mm Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.02454	day
LB0077	Labour	0.05827	day
MT0811	G.I pipe - 65mm	1.02000	m

PO0008 P&L G.I pipes including G.I fittings (excluding trenching, refilling & thrust block) - 80mm Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.02454	day
LB0077	Labour	0.05827	day
MT0812	G.I pipe - 80mm	1.02000	m

PO0009	P&L G.I pipes including G.I fittings (excluding trenching, refilling & thrust block) - 100mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03191
	LB0077	Labour	0.07582
	MT0813	G.I pipe - 100mm	1.02000
PO0010	P&L G.I pipes including G.I fittings (excluding trenching, refilling & thrust block) - 150mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT0814	G.I pipe - 150mm	1.02000
PO0640	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -20mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01151
	LB0077	Labour	0.02176
	MT1685	H.D.P.E pressure class 12.5 kg/sq.cm - 20mm	1.02000
PO0641	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -25mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01151
	LB0077	Labour	0.02176
	MT1686	H.D.P.E pressure class 12.5 kg/sq.cm - 25mm	1.02000
PO0642	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -32mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01151
	LB0077	Labour	0.02527
	MT1687	H.D.P.E pressure class 12.5 kg/sq.cm - 32mm	1.02000
PO0643	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -40mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	LB0077	Labour	0.02878
	MT1688	H.D.P.E pressure class 12.5 kg/sq.cm - 40mm	1.02000
PO0644	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -50mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	LB0077	Labour	0.02878
	MT1689	H.D.P.E pressure class 12.5 kg/sq.cm - 50mm	1.02000
PO0645	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -63mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.02454
	LB0077	Labour	0.05827
	MT1690	H.D.P.E pressure class 12.5 kg/sq.cm - 63mm	1.02000

PO0646	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -75mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.02454
	LB0077	Labour	0.05827
	MT1691	H.D.P.E pressure class 12.5 kg/sq.cm - 75mm	1.02000
PO0647	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -90mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.02823
	LB0077	Labour	0.07582
	MT1692	H.D.P.E pressure class 12.5 kg/sq.cm - 90mm	1.02000
PO0648	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -110mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03666
	LB0077	Labour	0.07582
	MT1693	H.D.P.E pressure class 12.5 kg/sq.cm - 110mm	1.02000
PO0649	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -140mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT1695	H.D.P.E pressure class 12.5 kg/sq.cm - 140mm	1.02000
PO0650	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -160mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT1696	H.D.P.E pressure class 12.5 kg/sq.cm - 160mm	1.02000
PO0651	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -180mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT1697	H.D.P.E pressure class 12.5 kg/sq.cm - 180mm	1.02000
PO0652	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -200mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT1698	H.D.P.E pressure class 12.5 kg/sq.cm - 200mm	1.02000
PO0653	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -225mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT1699	H.D.P.E pressure class 12.5 kg/sq.cm - 225mm	1.02000

PO0654	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -250mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.06566	day
LB0077	Labour	0.15815	day
MT1700	H.D.P.E pressure class 12.5 kg/sq.cm - 250mm	1.02000	m
PO0655	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -280mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.07261	day
LB0077	Labour	0.17542	day
MT1701	H.D.P.E pressure class 12.5 kg/sq.cm - 280mm	1.02000	m
PO0656	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -315mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.08073	day
LB0077	Labour	0.19558	day
MT1702	H.D.P.E pressure class 12.5 kg/sq.cm - 315mm	1.02000	m
PO0657	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -355mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.09002	day
LB0077	Labour	0.21861	day
MT1703	H.D.P.E pressure class 12.5 kg/sq.cm - 355mm	1.02000	m
PO0658	P&L H.D.P.E pipes, PN 12.5, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -400mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.10046	day
LB0077	Labour	0.24452	day
MT1704	H.D.P.E pressure class 12.5 kg/sq.cm - 400mm	1.02000	m
PO0015	P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) -25mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01151	day
LB0077	Labour	0.02176	day
MT0818	H.D.P.E pressure class 10kg/sq.cm - 25mm	1.02000	m
PO0016	P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 32mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01151	day
LB0077	Labour	0.02527	day
MT0819	H.D.P.E pressure class 10kg/sq.cm - 32mm	1.02000	m
PO0017	P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 40mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
LB0077	Labour	0.02878	day
MT0820	H.D.P.E pressure class 10kg/sq.cm - 40mm	1.02000	m

PO0018	P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 50mm		
		Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	LB0077	Labour	0.02878
	MT0821	H.D.P.E pressure class 10kg/sq.cm - 50mm	1.02000
			Units
			day
			day
			m
PO0019	P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 63mm		
		Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.02454
	LB0077	Labour	0.05827
	MT0822	H.D.P.E pressure class 10kg/sq.cm - 63mm	1.02000
			Units
			day
			day
			m
PO0020	P&L H.D.P.E pipes,PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 75mm		
		Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.02454
	LB0077	Labour	0.05827
	MT0823	H.D.P.E pressure class 10kg/sq.cm - 75mm	1.02000
			Units
			day
			day
			m
PO0021	P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 90mm		
		Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.02823
	LB0077	Labour	0.07582
	MT0824	H.D.P.E pressure class 10kg/sq.cm - 90mm	1.02000
			Units
			day
			day
			m
PO0022	P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 110mm		
		Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03666
	LB0077	Labour	0.07582
	MT0825	H.D.P.E pressure class 10kg/sq.cm - 110mm	1.02000
			Units
			day
			day
			m
PO0023	P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 140mm		
		Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT0826	H.D.P.E pressure class 10kg/sq.cm - 140mm	1.02000
			Units
			day
			day
			m
PO0024	P&L H.D.P.E pipes,PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 160mm		
		Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT0827	H.D.P.E pressure class 10kg/sq.cm - 160mm	1.02000
			Units
			day
			day
			m
PO0025	P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 225mm		
		Coefficient for per m	
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT0828	H.D.P.E pressure class 10kg/sq.cm - 225mm	1.02000
			Units
			day
			day
			m

PO0665 P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 250mm**Coefficient for per m**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.06566	day
LB0077	Labour	0.15815	day
MT1710	H.D.P.E pressure class 10kg/sq.cm - 250mm	1.02000	m

PO0666 P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 280mm**Coefficient for per m**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.07261	day
LB0077	Labour	0.17542	day
MT1711	H.D.P.E pressure class 10kg/sq.cm - 280mm	1.02000	m

PO0667 P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 315mm**Coefficient for per m**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.08073	day
LB0077	Labour	0.19558	day
MT1712	H.D.P.E pressure class 10kg/sq.cm - 315mm	1.02000	m

PO0668 P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 355mm**Coefficient for per m**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.09002	day
LB0077	Labour	0.21861	day
MT1713	H.D.P.E pressure class 10kg/sq.cm - 355mm	1.02000	m

PO0669 P&L H.D.P.E pipes, PN 10, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 400mm**Coefficient for per m**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.10046	day
LB0077	Labour	0.24452	day
MT1714	H.D.P.E pressure class 10kg/sq.cm - 400mm	1.02000	m

PO0030 P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 32 mm**Coefficient for per m**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01151	day
LB0077	Labour	0.02527	day
MT0830	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m

PO0031 P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 40mm**Coefficient for per m**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
LB0077	Labour	0.02878	day
MT0831	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m

PO00032	P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 50mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
LB0077	Labour	0.02878	day
MT0832	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m
PO00033	P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 63mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.02454	day
LB0077	Labour	0.05827	day
MT0833	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m
PO00034	P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 75mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.02454	day
LB0077	Labour	0.05827	day
MT0834	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m
PO00035	P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 90mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.02823	day
LB0077	Labour	0.07582	day
MT0835	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m
PO00036	P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 110mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.03666	day
LB0077	Labour	0.07582	day
MT0836	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m
PO00037	P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 140mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.05032	day
LB0077	Labour	0.11934	day
MT0837	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m
PO00038	P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 160mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.05032	day
LB0077	Labour	0.11934	day
MT0838	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m
PO00039	P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 225mm		
			Coefficient for per m
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.05032	day
LB0077	Labour	0.11934	day

MT0839	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m
PO0675	P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 250mm		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.06566	day
LB0077	Labour	0.15815	day
MT1718	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m
PO0676	P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 280mm		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.07261	day
LB0077	Labour	0.17542	day
MT1719	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m
PO0677	P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 315mm		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.08073	day
LB0077	Labour	0.19558	day
MT1720	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m
PO0678	P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 355mm		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.09002	day
LB0077	Labour	0.21861	day
MT1721	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m
PO0679	P&L H.D.P.E Pipes, PN 6, including H.D.P.E fittings (excluding trenching, refilling & thrust block) - 400mm		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.10046	day
LB0077	Labour	0.24452	day
MT1722	H.D.P.E Pipes of pressure class 6kg/sq.cm -	1.02000	m
PO0045	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 40mm		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
LB0077	Labour	0.02878	day
MT0841	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000	m
PO0046	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 50mm		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
LB0077	Labour	0.02878	day
MT0842	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000	m

PO0047	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 63mm		
	Coefficient for per m		
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.02454
	LB0077	Labour	0.05827
	MT0843	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000
PO0048	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 75mm		
	Coefficient for per m		
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.02454
	LB0077	Labour	0.05827
	MT0844	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000
PO0049	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 90mm		
	Coefficient for per m		
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.02823
	LB0077	Labour	0.07582
	MT0845	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000
PO0050	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 110mm		
	Coefficient for per m		
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03666
	LB0077	Labour	0.07582
	MT0846	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000
PO0051	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 140mm		
	Coefficient for per m		
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT0847	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000
PO0052	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 160mm		
	Coefficient for per m		
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT0848	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000
PO0053	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 225mm		
	Coefficient for per m		
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT0849	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000
PO0685	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 250mm		
	Coefficient for per m		
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.06566
	LB0077	Labour	0.15815
	MT1726	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000

PO0686	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 280mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.07261
	LB0077	Labour	0.17542
	MT1727	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000
			Units
			day
			day
			m
PO0687	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 315mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.08073
	LB0077	Labour	0.19558
	MT1728	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000
			Units
			day
			day
			m
PO0688	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 355mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.09002
	LB0077	Labour	0.21861
	MT1729	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000
			Units
			day
			day
			m
PO0689	P&L H.D.P.E Pipes including H.D.P.E fittings PN 4 (excluding trenching, refilling & thrust block) - 400mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.10046
	LB0077	Labour	0.24452
	MT1730	H.D.P.E Pipes of pressure class 4kg/sq.cm -	1.02000
			Units
			day
			day
			m
PO0060	P&L H.D.P.E Pipes including H.D.P.E fittings PN 2.5 (excluding trenching, refilling & thrust block) - 110mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03666
	LB0077	Labour	0.07582
	MT0852	H.D.P.E Pipes of pressure class 2.5kg/sq.cm -	1.02000
			Units
			day
			day
			m
PO0061	P&L H.D.P.E Pipes including H.D.P.E fittings PN 2.5 (excluding trenching, refilling & thrust block) - 140mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT0853	H.D.P.E Pipes of pressure class 2.5kg/sq.cm -	1.02000
			Units
			day
			day
			m
PO0062	P&L H.D.P.E Pipes including H.D.P.E fittings PN 2.5 (excluding trenching, refilling & thrust block) - 160mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT0854	H.D.P.E Pipes of pressure class 2.5kg/sq.cm -	1.02000
			Units
			day
			day
			m
PO0063	P&L H.D.P.E Pipes including H.D.P.E fittings PN 2.5 (excluding trenching, refilling & thrust block) - 225mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05032
	LB0077	Labour	0.11934
	MT0855	H.D.P.E Pipes of pressure class 2.5kg/sq.cm -	1.02000
			Units
			day
			day
			m
PO0700	Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN 16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings excluding trenching, refilling but including testing of joints complete as per direction of Engineer-in- Charge - 16 mm		
			Coefficient for per m

	LB0038	Plumber Gd.1	0.00767	day
	LB0077	labourer	0.01404	day
	MT1760	PP-R pipe - 16mm	1.02000	m
PO0701	Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN 16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings excluding trenching, refilling but including testing of joints complete as per direction of Engineer-in- Charge - 20 mm			
	Coefficient for per m			
	LB0038	Plumber Gd.1	0.01151	day
	LB0077	labourer	0.02176	day
	MT1761	PPR pipe - 20mm	1.02000	m
PO0702	Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN 16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings excluding trenching, refilling but including testing of joints complete as per direction of Engineer-in- Charge - 25 mm			
	Coefficient for per m			
	LB0038	Plumber Gd.1	0.01151	day
	LB0077	labourer	0.02176	day
	MT1762	PPR pipe - 25mm	1.02000	m
PO0703	Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN 16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings excluding trenching, refilling but including testing of joints complete as per direction of Engineer-in- Charge - 32 mm			
	Coefficient for per m			
	LB0038	Plumber Gd.1	0.01151	day
	LB0077	labourer	0.02527	day
	MT1763	PP-R pipe- 32mm	1.02000	m
PO0704	Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN 16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings excluding trenching, refilling but including testing of joints complete as per direction of Engineer-in- Charge - 40 mm			
	Coefficient for per m			
	LB0038	Plumber Gd.1	0.01534	day
	LB0077	labourer	0.02878	day
	MT1764	PP-R pipe - 40mm	1.02000	m
PO0705	Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN 16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings excluding trenching, refilling but including testing of joints complete as per direction of Engineer-in- Charge - 50 mm			
	Coefficient for per m			
	LB0038	Plumber Gd.1	0.01534	day
	LB0077	labourer	0.02878	day
	MT1765	PP-R pipe - 50mm	1.02000	m
PO0706	Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN 16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings excluding trenching, refilling but including testing of joints complete as per direction of Engineer-in- Charge - 63 mm			
	Coefficient for per m			
	LB0038	Plumber Gd.1	0.02454	day
	LB0077	labourer	0.05827	day
	MT1766	PP-R pipe - 63mm	1.02000	m
PO0707	Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN 16 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings excluding trenching, refilling but including testing of joints complete as per direction of Engineer-in- Charge - 75 mm			
	Coefficient for per m			
	LB0038	Plumber Gd.1	0.02454	day
	LB0077	labourer	0.05827	day
	MT1767	PP-R pipe - 75mm	1.02000	m

PO0708 Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN 10 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings excluding trenching, refilling but including testing of joints complete as per direction of Engineer-in- Charge - 90 mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.02823	day
LB0077	labourer	0.07582	day
MT1768	PP-R pipe - 90mm	1.02000	m

PO0709 Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN 10 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings excluding trenching, refilling but including testing of joints complete as per direction of Engineer-in- Charge - 110 mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.03666	day
LB0077	labourer	0.07582	day
MT1769	PP-R Pipe - 110mm	1.02000	m

PO0710 Providing and fixing 3-layer PP-R (Polypropylene Random Copolymer) PN 10 pipes, SDR 7.4 UV Stabilized and anti microbial fusion welded, having thermal stability for hot and cold water supply including all PP-R plain and brass Threaded Polypropylene random fittings excluding trenching, refilling but including testing of joints complete as per direction of Engineer-in- Charge - 160 mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.05032	day
LB0077	labourer	0.11934	day
MT1770	PP-R pipes - 160mm	1.02000	m

PO0720 Providing & laying uPVC Pipes including fittings pressure class 4 kg/sq.cm (excluding trenching, refilling & thrust block) - 110mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.03666	day
LB0077	labourer	0.05307	day
MT1820	110 mm Unplasticized Polyvinyl Chloride	1.02000	m

PO0721 Providing & laying uPVC Pipes including fittings pressure class 4 kg/sq.cm (excluding trenching, refilling & thrust block) - 160mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.05032	day
LB0077	labourer	0.08354	day
MT1821	160 mm Unplasticized Polyvinyl Chloride	1.02000	m

PO0722 Providing & laying uPVC Pipes including fittings pressure class 4 kg/sq.cm (excluding trenching, refilling & thrust block) - 180mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.05032	day
LB0077	labourer	0.08951	day
MT1822	180 mm Unplasticized Polyvinyl Chloride	1.02000	m

PO0723 Providing & laying uPVC Pipes including fittings pressure class 4 kg/sq.cm (excluding trenching, refilling & thrust block) - 200mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.05032	day
LB0077	labourer	0.09547	day
MT1823	200 mm Unplasticized Polyvinyl Chloride	1.02000	m

PO0724 Providing & laying uPVC Pipes including fittings pressure class 4 kg/sq.cm (excluding trenching, refilling & thrust block) - 225mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.05032	day

LB0077	labourer	0.10144	day
MT1824	225 mm Unplasticized Polyvinyl Chloride	1.02000	m
PO0725	Providing & laying uPVC Pipes including fittings pressure class 4 kg/sq.cm (excluding trenching, refilling & thrust block) - 250mm		
		Coefficient	Coefficient for per m Units
Code	Description		
LB0038	Plumber Gd.1	0.06566	day
LB0077	labourer	0.11070	day
MT1825	250 mm Unplasticized Polyvinyl Chloride	1.02000	m
PO0726	Providing & laying uPVC Pipes including uPVC fittings pressure class 4 kg/sq.cm (excluding trenching, refilling & thrust block) - 280mm		
		Coefficient	Coefficient for per m Units
Code	Description		
LB0038	Plumber Gd.1	0.07261	day
LB0077	labourer	0.12280	day
MT1826	280 mm Unplasticized Polyvinyl Chloride	1.02000	m
PO0727	Providing & laying uPVC Pipes including fittings pressure class 4 kg/sq.cm (excluding trenching, refilling & thrust block) - 315mm		
		Coefficient	Coefficient for per m Units
Code	Description		
LB0038	Plumber Gd.1	0.08073	day
LB0077	labourer	0.13690	day
MT1827	315 mm Unplasticized Polyvinyl Chloride	1.02000	m
PO0728	Providing & laying uPVC Pipes including fittings pressure class 4 kg/sq.cm (excluding trenching, refilling & thrust block) - 400mm		
		Coefficient	Coefficient for per m Units
Code	Description		
LB0038	Plumber Gd.1	0.09002	day
LB0077	labourer	0.15303	day
MT1828	400 mm Unplasticized Polyvinyl Chloride	1.02000	m
PO0729	Providing & laying uPVC Pipes including fittings pressure class 4 kg/sq.cm (excluding trenching, refilling & thrust block) - 450mm		
		Coefficient	Coefficient for per m Units
Code	Description		
LB0038	Plumber Gd.1	0.10046	day
LB0077	labourer	0.17116	day
MT1829	450 mm Unplasticized Polyvinyl Chloride	1.02000	m
PO0730	Providing & laying uPVC Pipes including fittings pressure class 4 kg/sq.cm (excluding trenching, refilling & thrust block) - 560mm		
		Coefficient	Coefficient for per m Units
Code	Description		
LB0038	Plumber Gd.1	0.14817	day
LB0077	labourer	0.18968	day
MT1830	560 mm Unplasticized Polyvinyl Chloride	1.02000	m
PO0065	Providing and Laying Ductile Iron K - 9 pipes with push-on joints including fittings (excluding trenching, refilling & thrust block)- 80 mm		
		Coefficient	Coefficient for per m Units
Code	Description		
LB0038	Plumber Gd.1	0.01394	day
LB0077	Labour	0.03191	day
MT0856	DI K-9 pipe with push-on joints - 80 mm	1.02000	m
PO0066	Providing and Laying Ductile Iron K - 9 pipes with push-on joints including fittings (excluding trenching, refilling & thrust block) - 100 mm		
		Coefficient	Coefficient for per m Units
Code	Description		
LB0038	Plumber Gd.1	0.01394	day
LB0077	Labour	0.03191	day
MT0857	DI K-9 pipe with push-on joints - 100 mm	1.02000	m

PO0067	Providing and Laying Ductile Iron K - 9 pipes including with push-on joints fittings (excluding trenching, refilling & thrust block) - 150 mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.02441
	LB0077	Labour	0.04786
	MT0858	DI K-9 pipe with push-on joints - 150 mm	1.02000
			Units
			day
			day
			m
PO0068	Providing and Laying Ductile Iron K - 9 pipes with push-on joints including fittings (excluding trenching, refilling & thrust block) - 200 mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.03312
	LB0077	Labour	0.05584
	MT0859	DI K-9 pipe with push-on joints - 200 mm	1.02000
			Units
			day
			day
			m
PO0069	Providing and Laying Ductile Iron K - 9 pipes with push-on joints including fittings (excluding trenching, refilling & thrust block) - 250 mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.04358
	LB0077	Labour	0.07179
	MT0860	DI K-9 pipe with push-on joints - 250 mm	1.02000
			Units
			day
			day
			m
PO0070	Providing and Laying Ductile Iron K - 9 pipes with push-on joints including fittings (excluding trenching, refilling & thrust block) - 300 mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.05231
	LB0077	Labour	0.09572
	MT0861	DI K-9 pipe with push-on joints - 300 mm	1.02000
			Units
			day
			day
			m
PO0071	Providing and Laying Ductile Iron K - 9 pipes with push-on joints including fittings (excluding trenching, refilling & thrust block) - 350 mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.06443
	LB0077	Labour	0.11162
	MT0862	DI K-9 pipe with push-on joints- 350 mm	1.02000
			Units
			day
			day
			m
PO0072	Providing and Laying Ductile Iron K - 9 pipes with push-on joints including fittings (excluding trenching, refilling & thrust block) - 400 mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.08713
	LB0077	Labour	0.14356
	MT0863	DI K-9 pipe with push-on joints - 350 mm	1.02000
			Units
			day
			day
			m
PO0073	Providing and Laying Ductile Iron K - 9 pipes with push-on joints including fittings (excluding trenching, refilling & thrust block) - 450 mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.10459
	LB0077	Labour	0.16750
	MT0864	DI K-9 pipe with push-on joints - 450 mm	1.02000
			Units
			day
			day
			m
PO0074	Providing and Laying Ductile Iron K - 9 pipes with push-on joints including fittings (excluding trenching, refilling & thrust block) - 500 mm		
			Coefficient for per m
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.12538
	LB0077	Labour	0.19145
			Units
			day
			day

MT0865	DI K-9 pipe with push-on joints- 500 mm	1.02000	m
PO0075	Providing and Laying Ductile Iron K - 9 pipes with push-on joints including fittings (excluding trenching, refilling & thrust block)- 600 mm	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.14817	day
LB0077	Labour	0.27097	day
MT0866	DI K-9 pipe with push-on joints- 600 mm	1.02000	m
PO0078	Providing and Laying Ductile Iron K - 7 pipes with push-on joints including fittings (excluding trenching, refilling & thrust block) -100 mm	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01394	day
LB0077	Labour	0.03191	day
MT0871	DI K-7 pipe with push-on joints - 100 mm	1.02000	m
PO0079	Providing and Laying Ductile Iron K - 7 pipes with push-on joints including fittings (excluding trenching, refilling & thrust block) -150 mm	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.02441	day
LB0077	Labour	0.04786	day
MT0872	DI K-7 pipe with push-on joints - 150 mm	1.02000	m
PO0080	Providing and Laying Ductile Iron K - 7 pipes with push-on joints including fittings (excluding trenching,	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.03312	day
LB0077	Labour	0.05584	day
MT0873	DI K-7 pipe with push-on joints - 200 mm	1.02000	m
PO0081	Providing and Laying Ductile Iron K - 7 pipes with push-on joints including fittings (excluding trenching,	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.04358	day
LB0077	Labour	0.07179	day
MT0874	DI K-7 pipe with push-on joints - 250 mm	1.02000	m
PO0082	Providing and Laying Ductile Iron K - 7 pipes with push-on joints including fittings (excluding trenching,	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.05231	day
LB0077	Labour	0.09572	day
MT0875	DI K-7 pipe with push-on joints - 300 mm	1.02000	m
PO0083	Providing and Laying Ductile Iron K - 7 pipes with push-on joints including fittings (excluding trenching,	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.06443	day
LB0077	Labour	0.11162	day
MT0876	DI K-7 pipe with push-on joints - 350 mm	1.02000	m
PO0084	Providing and Laying Ductile Iron K - 7 pipes with push-on joints including fittings (excluding trenching,	Coefficient for per m	
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.08713	day
LB0077	Labour	0.14356	day
MT0877	DI K-7 pipe with push-on joints - 400 mm	1.02000	m

PO0085	Providing and Laying Ductile Iron K - 7 pipes with push-on joints including fittings (excluding trenching, Coefficient for per m		
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.10459	day
LB0077	Labour	0.16750	day
MT0878	DI K-7 pipe with push-on joints - 450 mm	1.02000	m
PO0086	Providing and Laying Ductile Iron K - 7 pipes with push-on joints including fittings (excluding trenching, Coefficient for per m		
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.12538	day
LB0077	Labour	0.19145	day
MT0879	DI K-7 pipe with push-on joints - 500 mm	1.02000	m
PO0087	Providing and Laying Ductile Iron K - 7 pipes with push-on joints including fittings (excluding trenching, Coefficient for per m		
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.14817	day
LB0077	Labour	0.27097	day
MT0880	DI K-7 pipe with push-on joints - 600 mm	1.02000	m
PO0090	Providing and Laying Double Flanged (Screwed or Welded) Centrifugally Spun Ductile Iron K-9 Pipes including fittings (excluding trenching, refilling & thrust block) -100mm Coefficient for per m		
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.02615	day
LB0077	Labour	0.05115	day
MT0882	Double Flanged K-9 DI pipe - 100 mm	1.02000	m
PO0091	Providing and Laying Double Flanged (Screwed or Welded) Centrifugally Spun Ductile Iron K-9 Pipes including fittings (excluding trenching, refilling & thrust block) -150mm Coefficient for per m		
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.04017	day
LB0077	Labour	0.06713	day
MT0883	Double Flanged K-9 DI pipe - 150 mm	1.02000	m
PO0092	Providing and Laying Double Flanged(Screwed or Welded) Centrifugally Spun Ductile Iron K-9 Pipes including fittings (excluding trenching, refilling & thrust block) -200mm Coefficient for per m		
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.04977	day
LB0077	Labour	0.09112	day
MT0884	Double Flanged K-9 DI pipe - 200 mm	1.02000	m
PO0093	Providing and Laying Double Flanged(Screwed or Welded) Centrifugally Spun Ductile Iron K-9 Pipes including fittings (excluding trenching, refilling & thrust block) -250mm Coefficient for per m		
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.06461	day
LB0077	Labour	0.11987	day
MT0885	Double Flanged K-9 DI pipe - 250 mm	1.02000	m
PO0094	Providing and Laying Double Flanged(Screwed or Welded) Centrifugally Spun Ductile Iron K-9 Pipes including fittings (excluding trenching, refilling & thrust block) -300mm Coefficient for per m		
Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.08557	day
LB0077	Labour	0.15346	day
MT0886	Double Flanged K-9 DI pipe - 300 mm	1.02000	m

PO0095	Providing and Laying Double Flanged(Screwed or Welded) Centrifugally Spun Ductile Iron K-9 Pipes including fittings (excluding trenching, refilling & thrust block) -350mm			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.11528	day
	LB0077	Labour	0.18701	day
	MT0887	Double Flanged K-9 DI pipe - 350 mm	1.02000	m
PO0096	Providing and Laying Double Flanged(Screwed or Welded) Centrifugally Spun Ductile Iron K-9 Pipes including fittings (excluding trenching, refilling & thrust block) - 400mm			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.13446	day
	LB0077	Labour	0.23657	day
	MT0888	Double Flanged K-9 DI pipe - 400 mm	1.02000	m
PO0097	Providing and Laying Double Flanged(Screwed or Welded) Centrifugally Spun Ductile Iron K-9 Pipes including fittings (excluding trenching, refilling & thrust block) - 450mm			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.18339	day
	LB0077	Labour	0.33563	day
	MT0889	Double Flanged K-9 DI pipe - 450 mm	1.02000	m
PO0098	Providing and Laying Double Flanged(Screwed or Welded) Centrifugally Spun Ductile Iron K-9 Pipes including fittings (excluding trenching, refilling & thrust block) -500mm			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.24974	day
	LB0077	Labour	0.45075	day
	MT0890	Double Flanged K-9 DI pipe - 500 mm	1.02000	m
PO0099	Providing and Laying Double Flanged(Screwed or Welded) Centrifugally Spun Ductile Iron K-9 Pipes including fittings (excluding trenching, refilling & thrust block) -600mm			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.32306	day
	LB0077	Labour	0.70811	day
	MT0891	Double Flanged K-9 DI pipe - 600 mm	1.02000	m
PO0750	Providing and Laying Ductile Iron K - 9 Restrained Joint Pipe including fittings with Locking Bar/Plate Device along with fixing of EPDM Rubber Gasket, excluding trenching, refilling & thrust block-80mm			Coefficient for per m
	Code	Description	Quant	Units
	LB0038	Plumber Gd.1	0.32306	day
	LB0077	labourer	0.70811	day
	MT0980	DI Restrained Joint pipe - 80 mm	1.02000	m
PO0751	Providing and Laying Ductile Iron K - 9 Restrained Joint Pipe including fittings with Locking Bar/Plate Device along with fixing of EPDM Rubber Gasket, excluding trenching, refilling & thrust block-100mm			Coefficient for per m
	Code	Description	Quant	Units
	LB0038	Plumber Gd.1	0.32306	day
	LB0077	labourer	0.70811	day
	MT0981	DI Restrained Joint pipe - 100 mm	1.02000	m

PO0752 Providing and Laying Ductile Iron K - 9 Restrained Joint Pipe including fittings with Locking Bar/Plate Device along with fixing of EPDM Rubber Gasket, excluding trenching, refilling & thrust block-150mm

Coefficient for per m

Code	Description	Quant	Units
LB0038	Plumber Gd.1	0.32306	day
LB0077	labourer	0.70811	day
MT0982	DI Restrained Joint pipe - 150 mm	1.02000	m

PO0753 Providing and Laying Ductile Iron K - 9 Restrained Joint Pipe including fittings with Locking Bar/Plate Device along with fixing of EPDM Rubber Gasket, excluding trenching, refilling & thrust block-200mm

Coefficient for per m

Code	Description	Quant	Units
LB0038	Plumber Gd.1	0.32306	day
LB0077	labourer	0.70811	day
MT0983	DI Restrained Joint pipe - 200 mm	1.02000	m

PO0754 Providing and Laying Ductile Iron K - 9 Restrained Joint Pipe including fittings with Locking Bar/Plate Device along with fixing of EPDM Rubber Gasket, excluding trenching, refilling & thrust block-250mm

Coefficient for per m

Code	Description	Quant	Units
LB0038	Plumber Gd.1	0.32306	day
LB0077	labourer	0.70811	day
MT0984	DI Restrained Joint pipe - 250 mm	1.02000	m

PO0755 Providing and Laying Ductile Iron K - 9 Restrained Joint Pipe including fittings complete with Locking Bar/Plate Device along with fixing of EPDM Rubber Gasket, excluding trenching, refilling & thrust block-300mm

Coefficient for per m

Code	Description	Quant	Units
LB0038	Plumber Gd.1	0.32306	day
LB0077	labourer	0.70811	day
MT0985	DI Restrained Joint pipe - 300 mm	1.02000	m

PO0756 Providing and Laying Ductile Iron K - 9 Restrained Joint Pipe including fittings with Locking Bar/Plate Device along with fixing of EPDM Rubber Gasket, excluding trenching, refilling & thrust block-350mm

Coefficient for per m

Code	Description	Quant	Units
LB0038	Plumber Gd.1	0.32306	day
LB0077	labourer	0.70811	day
MT0986	DI Restrained Joint pipe - 350 mm	1.02000	m

PO0757 Providing and Laying Ductile Iron K - 9 Restrained Joint Pipe including fittings with Locking Bar/Plate Device along with fixing of EPDM Rubber Gasket, excluding trenching, refilling & thrust block-400mm

Coefficient for per m

Code	Description	Quant	Units
LB0038	Plumber Gd.1	0.32306	day
LB0077	labourer	0.70811	day
MT0987	DI Restrained Joint pipe - 400 mm	1.02000	m

PO0758 Providing and Laying Ductile Iron K - 9 Restrained Joint Pipe including fittings with Locking Bar/Plate Device along with fixing of EPDM Rubber Gasket, excluding trenching, refilling & thrust block-450mm

Coefficient for per m

Code	Description	Quant	Units
LB0038	Plumber Gd.1	0.32306	day
LB0077	labourer	0.70811	day
MT0988	DI Restrained Joint pipe - 450 mm	1.02000	m

PO0759 Providing and Laying Ductile Iron K - 9 Restrained Joint Pipe including fittings with Locking Bar/Plate Device along with fixing of EPDM Rubber Gasket, excluding trenching, refilling & thrust block-500mm

Coefficient for per m

Code	Description	Quant	Units
LB0038	Plumber Gd.1	0.32306	day
LB0077	labourer	0.70811	day
MT0989	DI Restrained Joint pipe - 500 mm	1.02000	m

PO0760 Providing and Laying Ductile Iron K - 9 Restrained Joint Pipe including fittings with Locking Bar/Plate Device along with fixing of EPDM Rubber Gasket, excluding trenching, refilling & thrust block-600mm

Coefficient for per m

Code	Description	Quant	Units
LB0038	Plumber Gd.1	0.32306	day
LB0077	labourer	0.70811	day
MT0990	DI Restrained Joint pipe - 600 mm	1.02000	m

PO0100 Providing & fixing brass stop cock - 15mm

Coefficient for per each

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
MT0930	Stopcock - 15mm nom-bore	1.00000	each

PO0101 Providing & fixing brass stop cock - 20mm

Coefficient for per each

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
MT0931	Stopcock - 20mm nom-bore	1.00000	each

PO0102 Providing & fixing brass stop cock - 25mm

Coefficient for per each

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
MT0932	Stopcock - 25mm nom-bore	1.00000	each

PO0105 Providing & fixing brass full way valve with wheel - 32mm

Coefficient for per each

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
MT0940	Wheel valve - 32mm nom-bore	1.00000	each

PO0106 Providing & fixing brass full way valve with wheel - 40mm

Coefficient for per each

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
MT0941	Wheel valve - 40mm nom-bore	1.00000	each

PO0107 Providing & fixing brass full way valve with wheel - 50mm

Coefficient for per each

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
MT0942	Wheel valve - 50mm nom-bore	1.00000	each

PO0108 Providing & fixing brass full way valve with wheel - 65mm

Coefficient for per each

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.01534	day
MT0943	Wheel valve - 65mm nom-bore	1.00000	each

PO0109	Providing & fixing brass full way valve with wheel - 80mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0944	Wheel valve - 80mm nom-bore	1.00000	each
PO0110	Providing & fixing non-return valve - 50mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0951	Non return valve - 50mm nom-bore	1.00000	each
PO0111	Providing & fixing non-return valve - 65mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0952	Non return valve - 65mm nom-bore	1.00000	each
PO0112	Providing & fixing non-return valve - 80mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0953	Non return valve - 80mm nom-bore	1.00000	each
PO0114	Providing & fixing brass bibcock - 15mm, brass			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0925	Brass Fittings Bibcock - 15mm	1.00000	each
PO0115	Providing & fixing H.D.P.E, Equal Tee butt-welded-type fittings - 20mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0895	H.D.P.E welded-type fittings - TEE, 20mm	1.00000	each
PO0116	Providing & fixing H.D.P.E, Equal Tee butt-welded-type fittings - 25mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0896	H.D.P.E welded-type fittings - TEE, 25mm	1.00000	each
PO0117	Providing & fixing H.D.P.E, Equal Tee butt-welded-type fittings - 32mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0897	H.D.P.E welded-type fittings - TEE, 32mm	1.00000	each
PO0118	Providing & fixing H.D.P.E, Equal Tee butt-welded-type fittings - 50mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0898	H.D.P.E welded-type fittings - TEE, 50mm	1.00000	each
PO0119	Providing & fixing H.D.P.E, Equal Tee butt-welded-type fittings - 63mm			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0899	H.D.P.E welded-type fittings - TEE, 63mm	1.00000	each

PO0120	Providing & fixing H.D.P.E, Equal Tee butt-welded-type fittings - 90mm		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT0900	H.D.P.E welded-type fittings - TEE, 90mm	1.00000
			Units
			day
			each
PO0121	Providing & fixing H.D.P.E, Equal Tee butt-welded-type fittings - 110mm		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT0901	H.D.P.E welded-type fittings - TEE, 110mm	1.00000
			Units
			day
			each
PO0122	Providing & fixing H.D.P.E, Equal Tee butt-welded-type fittings - 160mm		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT0902	H.D.P.E welded-type fittings - TEE, 160mm	1.00000
			Units
			day
			each
PO0125	Providing & fixing H.D.P.E Elbow - 32mm		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT0903	H.D.P.E welded-type fittings - Elbow, 32mm	1.00000
			Units
			day
			each
PO0126	Providing & fixing H.D.P.E Elbow - 50mm		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT0904	H.D.P.E welded-type fittings - Elbow, 50mm	1.00000
			Units
			day
			each
PO0127	Providing & fixing H.D.P.E Elbow - 63mm		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT0905	H.D.P.E welded-type fittings - Elbow, 63mm	1.00000
			Units
			day
			each
PO0128	Providing & fixing H.D.P.E Elbow - 90mm		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT0906	H.D.P.E welded-type fittings - Elbow, 90mm	1.00000
			Units
			day
			each
PO0129	Providing & fixing H.D.P.E Elbow - 110mm		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT0907	H.D.P.E welded-type fittings - Elbow, 110mm	1.00000
			Units
			day
			each
PO0130	Providing & fixing H.D.P.E Reducer - 90 x 50mm		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT0908	H.D.P.E welded-type fittings - Reducer, 90 x	1.00000
			Units
			day
			each
PO0131	Providing & fixing H.D.P.E Reducer - 90 x 63mm		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT0909	H.D.P.E welded-type fittings - Reducer, 90 x	1.00000
			Units
			day
			each

PO0132	Providing & fixing H.D.P.E Reducer - 110 x 63mm		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0910	H.D.P.E welded-type fittings - Reducer, 110 x	1.00000	each
PO0133	Providing & fixing H.D.P.E Reducer - 110 x 90mm		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0911	H.D.P.E welded-type fittings - Reducer, 160 x	1.00000	each
PO0140	Providing & fixing H.D.P.E Blank End (Cap) - 50mm		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0912	H.D.P.E welded-type fittings - Blank end, 50mm	1.00000	each
PO0141	Providing & fixing H.D.P.E Blank End (Cap) - 63mm		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0913	H.D.P.E welded-type fittings - Blank end, 63mm	1.00000	each
PO0142	Providing & fixing H.D.P.E Blank End (Cap) - 90mm		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0914	H.D.P.E welded-type fittings - Blank end, 90mm	1.00000	each
PO0143	Providing & fixing H.D.P.E Blank End (Cap) - 110mm		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0915	H.D.P.E welded-type fittings - Blank end,	1.00000	each
PO0144	Providing & fixing H.D.P.E Blank End (Cap) - 160mm		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT0916	H.D.P.E welded-type fittings - Blank end,	1.00000	each
PO0150	Providing & fixing push-on joints to Centrifugally Spun D.I pipes including the cost of rubber gaskets - 80 mm		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01227	day
	LB0077	Labour	0.02106	day
	MT0960	Rubber Gasket - 80 mm	1.00000	each
PO0151	Providing & fixing push-on joints to Centrifugally Spun D.I pipes including the cost of rubber gaskets - 100 mm		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01687	day
	LB0077	Labour	0.02808	day
	MT0961	Rubber Gasket - 100 mm	1.00000	each

PO0152 Providing & fixing push-on joints to Centrifugally Spun D.I pipes including the cost of rubber gaskets - 150 mm**Coefficient for per each**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.03298	day
LB0077	Labour	0.05616	day
MT0962	Rubber Gasket - 150 mm	1.00000	each

PO0153 Providing & fixing push-on joints to Centrifugally Spun D.I pipes including the cost of rubber gaskets - 200 mm**Coefficient for per each**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.04525	day
LB0077	Labour	0.07722	day
MT0963	Rubber Gasket - 200 mm	1.00000	each

PO0154 Providing & fixing push-on joints to Centrifugally Spun D.I pipes including the cost of rubber gaskets - 250 mm**Coefficient for per each**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.05753	day
LB0077	Labour	0.09828	day
MT0964	Rubber Gasket - 250 mm	1.00000	each

PO0155 Providing & fixing push-on joints to Centrifugally Spun D.I pipes including the cost of rubber gaskets - 300 mm**Coefficient for per each**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.06596	day
LB0077	Labour	0.11232	day
MT0965	Rubber Gasket - 300 mm	1.00000	each

PO0156 Providing & fixing push-on joints to Centrifugally Spun D.I pipes including the cost of rubber gaskets - 350 mm**Coefficient for per each**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.06903	day
LB0077	Labour	0.11232	day
MT0966	Rubber Gasket - 350 mm	1.00000	each

PO0157 Providing & fixing push-on joints to Centrifugally Spun D.I pipes including the cost of rubber gaskets - 400 mm**Coefficient for per each**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.09971	day
LB0077	Labour	0.16146	day
MT0967	Rubber Gasket - 400 mm	1.00000	each

PO0158 Providing & fixing push-on joints to Centrifugally Spun D.I pipes including the cost of rubber gaskets - 450 mm**Coefficient for per each**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.11505	day
LB0077	Labour	0.17550	day
MT0968	Rubber Gasket - 450 mm	1.00000	each

PO0159 Providing & fixing push-on joints to Centrifugally Spun D.I pipes including the cost of rubber gaskets - 500 mm**Coefficient for per each**

Code	Description	Coefficient	Units
LB0038	Plumber Gd.1	0.12656	day

	LB0077	Labour	0.18252	day
	MT0969	Rubber Gasket - 500 mm	1.00000	each
PO0160	Providing & fixing push-on joints to Centrifugally Spun D.I pipes including the cost of rubber gaskets - 600 mm			
	Coefficient for per each			
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.17641	day
	LB0077	Labour	0.25272	day
	MT0970	Rubber Gasket - 600 mm	1.00000	each
PO0370	Providing & fixing P.V.C soil waste and vent pipes, single or double socketed, including pipe clip complete (excluding the cost of PVC fittings) - 75mm dia			
	Coefficient for per m			
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01611	day
	LB0054	Plumber Gd.2	0.00767	day
	LB0077	Labour	0.02948	day
	MT1150	Pipes, Single Socketed 1.83 m long - 75mm	0.56000	each
PO0371	Providing & fixing P.V.C soil waste and vent pipes, single or double socketed, including pipe clip complete (excluding the cost of PVC fittings) - 50mm dia			
	Coefficient for per m			
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01994	day
	LB0054	Plumber Gd.2	0.00997	day
	LB0077	Labour	0.03650	day
	MT1151	Pipes, Single Socketed 1.83 m long - 50mm	0.56000	each
PO0372	Providing & fixing P.V.C soil waste and vent pipes, single or double socketed, including pipe clip complete (excluding the cost of PVC fittings) - 110mm dia			
	Coefficient for per m			
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.02378	day
	LB0054	Plumber Gd.2	0.01227	day
	LB0077	Labour	0.04352	day
	MT1152	Pipes, Single Socketed 1.83 m long - 110mm	0.56000	each
PO0380	Providing & fixing P.V.C Pipe connector - 110mm dia			
	Coefficient for per each			
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1190	Pipe Connector - 110mm	1.00000	each
PO0385	Providing & fixing P.V.C Coupler - 75mm dia			
	Coefficient for per each			
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1205	Coupler - 75mm	1.00000	each
PO0386	Providing & fixing P.V.C Coupler - 50mm dia			
	Coefficient for per each			
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1206	Coupler - 50mm	1.00000	each
PO0387	Providing & fixing P.V.C Coupler - 110mm dia			
	Coefficient for per each			
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1207	Coupler - 110mm	1.00000	each

PO0395	Providing & fixing P.V.C Reducer - 90x75mm		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1195	Reducer - 90x75mm	1.00000	each
PO0396	Providing & fixing P.V.C Reducer - 110x75mm		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1196	Reducer - 110x75mm	1.00000	each
PO0397	Providing & fixing P.V.C Reducer - 110x90mm		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1197	Reducer - 110x90mm	1.00000	each
PO0405	Providing & fixing P.V.C plain bend - 75mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1215	Plain bend - 75mm	1.00000	each
PO0406	Providing & fixing P.V.C plain bend - 50mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1216	Plain bend - 50mm	1.00000	each
PO0407	Providing & fixing P.V.C plain bend - 110mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1217	Plain bend - 110mm	1.00000	each
PO0415	Providing & fixing P.V.C door bend - 75mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1225	Door bend - 75mm	1.00000	each
PO0416	Providing & fixing P.V.C door bend - 50mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1226	Door bend - 50mm	1.00000	each
PO0417	Providing & fixing P.V.C door bend - 110mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1227	Door bend - 110mm	1.00000	each
PO0425	Providing & fixing P.V.C Long arm bend with door - 75mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1235	Long Arm Bend - 75mm	1.00000	each

PO0426	Providing & fixing P.V.C Long arm bend with door - 50mm dia		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT1236	Long Arm Bend - 50mm	1.00000
			Units
			day
			each
PO0427	Providing & fixing P.V.C Long arm bend with door - 110mm dia		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT1237	Long Arm Bend - 110mm	1.00000
			Units
			day
			each
PO0435	Providing & fixing P.V.C Single Tee plain - 75mm dia		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT1245	Single Tee, Plain - 75mm	1.00000
			Units
			day
			each
PO0436	Providing & fixing P.V.C Single Tee plain - 50mm dia		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT1246	Single Tee, Plain - 50mm	1.00000
			Units
			day
			each
PO0437	Providing & fixing P.V.C Single Tee plain - 110mm dia		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT1247	Single Tee, Plain - 110mm	1.00000
			Units
			day
			each
PO0445	Providing & fixing P.V.C Single Tee with door - 75mm dia		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT1255	Single Tee, With Door - 75mm	1.00000
			Units
			day
			each
PO0446	Providing & fixing P.V.C Single Tee with door - 50mm dia		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT1256	Single Tee, With Door - 50mm	1.00000
			Units
			day
			each
PO0447	Providing & fixing P.V.C Single Tee with door - 110mm dia		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT1257	Single Tee, With Door - 110mm	1.00000
			Units
			day
			each
PO0455	Providing & fixing P.V.C Double Tee plain - 75mm dia		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT1265	Double Tee, Plain - 75mm	1.00000
			Units
			day
			each
PO0456	Providing & fixing P.V.C Double Tee plain - 50mm dia		Coefficient for per each
	Code	Description	Coefficient
	LB0038	Plumber Gd.1	0.01534
	MT1266	Double Tee, Plain - 50mm	1.00000
			Units
			day
			each

PO0457	Providing & fixing P.V.C Double Tee plain - 110mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1267	Double Tee, Plain - 110mm	1.00000	each
PO0465	Providing & fixing P.V.C Double Tee with door - 75mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1275	Double Tee, With Door - 75mm	1.00000	each
PO0466	Providing & fixing P.V.C Double Tee with door - 50mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1276	Double Tee, With Door - 50mm	1.00000	each
PO0467	Providing & fixing P.V.C Double Tee with door - 110mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1277	Double Tee, With Door - 110mm	1.00000	each
PO0475	Providing & fixing P.V.C Single Y, plain - 75mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1285	Single Y, Plain - 75mm	1.00000	each
PO0476	Providing & fixing P.V.C Single Y, plain - 50mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1286	Single Y, Plain - 50mm	1.00000	each
PO0477	Providing & fixing P.V.C Single Y, plain - 110mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1287	Single Y, Plain - 110mm	1.00000	each
PO0485	Providing & fixing P.V.C Single Y, with door - 75mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1295	Single Y, With Door - 75mm	1.00000	each
PO0486	Providing & fixing P.V.C Single Y, with door - 50mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1296	Single Y, With Door - 50mm	1.00000	each
PO0487	Providing & fixing P.V.C Single Y, with door - 110mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1297	Single Y, With Door - 110mm	1.00000	each

PO0495	Providing & fixing P.V.C Double Y, plain - 75mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1305	Double Y, Plain - 75mm	1.00000	each
PO0496	Providing & fixing P.V.C Double Y, plain - 50mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1306	Double Y, Plain - 50mm	1.00000	each
PO0497	Providing & fixing P.V.C Double Y, plain - 110mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1307	Double Y, Plain - 110mm	1.00000	each
PO0505	Providing & fixing P.V.C Double Y, with door - 75mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1315	Double Y, With Door - 75mm	1.00000	each
PO0506	Providing & fixing P.V.C Double Y, with door - 50mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1316	Double Y, With Door - 50mm	1.00000	each
PO0507	Providing & fixing P.V.C Double Y, with door - 110mm dia		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1317	Double Y, With Door - 110mm	1.00000	each
PO0515	Providing & fixing P.V.C Offset, 75mm dia - With 75mm projection		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1325	75mm dia. offset - With 75mm projection	1.00000	each
PO0516	Providing & fixing P.V.C Offset, 75mm dia - With 150mm projection		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1326	75mm dia. offset - With 150mm projection	1.00000	each
PO0525	Providing & fixing P.V.C Offset, 90mm dia - With 75mm projection		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1330	90mm dia. offset - With 75mm projection	1.00000	each
PO0526	Providing & fixing P.V.C Offset, 90mm dia - With 150mm projection		Coefficient for per each	
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1331	90mm dia. offset - With 150mm projection	1.00000	each

PO0535	Providing & fixing P.V.C Offset, 110mm dia - With 75mm projection			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1335	110mm dia. offset - With 75mm projection	1.00000	each
PO0536	Providing & fixing P.V.C Offset, 110mm dia - With 150mm projection			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1336	110mm dia. offset - With 150mm projection	1.00000	each
PO0545	Providing & fixing P.V.C Floor Trap - 75mm dia			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1340	Floor Trap - 75mm	1.00000	each
PO0546	Providing & fixing P.V.C Floor Trap- 50mm dia			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1341	Floor Trap - 50mm	1.00000	each
PO0547	Providing & fixing P.V.C Floor Trap - 110mm dia			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1342	Floor Trap - 110mm	1.00000	each
PO0555	Providing & fixing P.V.C P-Trap, without air vent - Big			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1350	P-Trap without air vent - Big	1.00000	each
PO0556	Providing & fixing P.V.C P-Trap, without air vent - Small			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1351	P-Trap without air vent - Small	1.00000	each
PO0565	Providing & fixing P.V.C Nahani Trap - 110mm inlet & 75mm outlet			Coefficient for per each
	Code	Description	Coefficient	Units
	LB0038	Plumber Gd.1	0.01534	day
	MT1345	Nahani Trap - 100mm inlet & 75mm outlet	1.00000	each
PO0570	Painting G.I pipes and fittings including primer & white coat, for new work - 15mm dia pipe			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.00108	day
	LB0067	Painter Gd.2	0.00243	day
	LB0077	Labour	0.00322	day
	MT0712	Red oxide primer, for metals	0.00254	litre
	MT0723	High gloss synthetic enamel	0.00564	litre
PO0571	Painting G.I pipes and fittings including primer & white coat, for new work - 20mm dia pipe			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.00145	day
	LB0067	Painter Gd.2	0.00326	day

LB0077	Labour	0.00431	day
MT0712	Red oxide primer, for metals	0.00340	litre
MT0723	High gloss synthetic enamel	0.00756	litre

PO0572 Painting G.I pipes and fittings including primer & white coat, for new work - 25mm dia pipe
Coefficient for per m

Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.00179	day
LB0067	Painter Gd.2	0.00404	day
LB0077	Labour	0.00534	day
MT0712	Red oxide primer, for metals	0.00421	litre
MT0723	High gloss synthetic enamel	0.00936	litre

PO0573 Painting G.I pipes and fittings including primer & white coat, for new work - 32mm dia pipe
Coefficient for per m

Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.00230	day
LB0067	Painter Gd.2	0.00518	day
LB0077	Labour	0.00684	day
MT0712	Red oxide primer, for metals	0.00540	litre
MT0723	High gloss synthetic enamel	0.01200	litre

PO0600 Constructing Soak Pit - Size 1200x1200x1200mm, filled with brick bats including 110 dia H.D.P.E (PN 4) drain pipe x 1200mm long
Coefficient for per each

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.05983	day
LB0051	Mason Gd.2	0.05983	day
LB0077	Labour	1.11353	day
MT0125	Bricks 2nd class	0.06000	1000#
MT0126	Brick aggregate	1.73000	cu.m
MT0846	H.D.P.E Pipes pf pressure class PN 4 - 110 mm	1.20000	m

PO0601 Constructing Soak Pit - Size 2500 dia. x 3000mm depth including 450x450mm dry brick honeycomb shaft and 110 dia H.D.P.E (PN 4) drain pipe x 1800mm long
Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.01534	day
LB0033	Carpenter Gd.2	0.02872	day
LB0036	Mason Gd.1	0.49084	day
LB0039	Work Supervisor (Lajab)	0.00077	day
LB0051	Mason Gd.2	0.49084	day
LB0053	Plant Operator Gd.3	0.00107	day
LB0077	Labour	10.99209	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00140	day
MP0112	Concrete Vibrator(M/C5)	0.00140	day
MT0043	Sand	0.01143	cu.m
MT0070	Crushed Rock - 20mm	0.01780	cu.m
MT0125	Bricks 2nd class	0.23600	1000#
MT0126	Brick aggregate	13.78000	cu.m
MT0145	Cement (OPC / PSC)	0.00763	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	1.68000	kg
MT0325	Ballies 75 to 125mm dia	0.10080	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.00324	cu.m
MT0846	H.D.P.E Pipes pf pressure class PN 4 - 110 mm	1.80000	m

PO0610 Constructing Septic Tanks, in R.R Masonry in cement mortar 1:6, including fittings, C.I cover with frame, 40mm thick concrete flooring (40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 15 users
Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.12464	day
LB0033	Carpenter Gd.2	0.53125	day
LB0036	Mason Gd.1	1.45447	day
LB0038	Plumber Gd.1	0.08033	day

LB0039	Work Supervisor (Lajab)	0.06596	day
LB0051	Mason Gd.2	4.03987	day
LB0053	Plant Operator Gd.3	0.09235	day
LB0054	Plumber Gd.2	0.01634	day
LB0077	Labour	16.97723	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.12040	day
MP0112	Concrete Vibrator(M/C5)	0.12040	day
MT0043	Sand	2.28400	cu.m
MT0060	Boulder	3.43000	cu.m
MT0068	Crushed Rock - 40mm	1.20150	cu.m
MT0070	Crushed Rock - 20mm	0.36953	cu.m
MT0145	Cement (OPC / PSC)	0.76793	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	13.65000	kg
MT0325	Ballies 75 to 125mm dia	1.86480	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.05994	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0846	H.D.P.E Pipes of pressure class PN 4 -110 mm	3.00000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0901	Tee, welded type fittings - 110mm	2.00000	each

PO0611 Constructing Septic Tanks, in R.R Masonry in cement mortar 1:6, including fittings, C.I cover with frame, 40mm thick concrete flooring (40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 25 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.15340	day
LB0033	Carpenter Gd.2	0.63176	day
LB0036	Mason Gd.1	1.89841	day
LB0038	Plumber Gd.1	0.08850	day
LB0039	Work Supervisor (Lajab)	0.07593	day
LB0051	Mason Gd.2	5.37880	day
LB0053	Plant Operator Gd.3	0.10631	day
LB0054	Plumber Gd.2	0.21238	day
LB0077	Labour	21.80105	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.13860	day
MP0112	Concrete Vibrator(M/C5)	0.13860	day
MT0043	Sand	2.92144	cu.m
MT0060	Boulder	4.64000	cu.m
MT0068	Crushed Rock - 40mm	1.37060	cu.m
MT0070	Crushed Rock - 20mm	0.44500	cu.m
MT0145	Cement (OPC / PSC)	0.96554	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	16.80000	kg
MT0325	Ballies 75 to 125mm dia	2.21760	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.07128	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0846	H.D.P.E Pipes of pressure class PN 4 -110 mm	3.00000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0901	Tee, welded type fittings - 110mm	2.00000	each

PO0612 Constructing Septic Tanks, in R.R Masonry in cement mortar 1:6, including fittings, C.I cover with frame, 40mm thick concrete flooring(40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 50 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.21093	day
LB0033	Carpenter Gd.2	0.87585	day
LB0036	Mason Gd.1	2.80809	day
LB0038	Plumber Gd.1	0.09667	day
LB0039	Work Supervisor (Lajab)	0.12195	day
LB0051	Mason Gd.2	7.97150	day
LB0053	Plant Operator Gd.3	0.17073	day
LB0054	Plumber Gd.2	0.02614	day
LB0077	Labour	32.60545	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.22260	day
MP0112	Concrete Vibrator(M/C5)	0.22260	day
MT0043	Sand	4.43757	cu.m
MT0060	Boulder	6.85000	cu.m
MT0068	Crushed Rock - 40mm	2.28730	cu.m
MT0070	Crushed Rock - 20mm	0.63190	cu.m

MT0145	Cement (OPC / PSC)	1.46627	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	23.10000	kg
MT0325	Ballies 75 to 125mm dia	3.07440	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.09882	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0848	H.D.P.E Pipes of pressure class PN 4 (160 mm)	3.00000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0902	Tee, welded type fittings - 160mm	2.00000	each

PO0613 Constructing Septic Tanks, in R.R Masonry in cement mortar 1:6, including fittings, C.I cover with frame, 40mm thick concrete flooring(40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 75 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.23969	day
LB0033	Carpenter Gd.2	1.01944	day
LB0036	Mason Gd.1	3.56992	day
LB0038	Plumber Gd.1	0.09667	day
LB0039	Work Supervisor (Lajab)	0.11390	day
LB0051	Mason Gd.2	10.11738	day
LB0053	Plant Operator Gd.3	0.15946	day
LB0054	Plumber Gd.2	0.02614	day
LB0077	Labour	40.08645	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.20790	day
MP0112	Concrete Vibrator(M/C5)	0.20790	day
MT0043	Sand	5.18914	cu.m
MT0060	Boulder	8.81000	cu.m
MT0068	Crushed Rock - 40mm	2.01140	cu.m
MT0070	Crushed Rock - 20mm	0.74618	cu.m
MT0145	Cement (OPC / PSC)	1.68463	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	26.25000	kg
MT0325	Ballies 75 to 125mm dia	3.57840	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.11502	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0848	H.D.P.E Pipes of pressure class PN 4 (160 mm)	3.00000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0902	Tee, welded type fittings - 160mm	2.00000	each

PO0614 Constructing Septic Tanks, in R.R Masonry in cement mortar 1:6, including fittings, C.I cover with frame, 40mm thick concrete flooring(40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 100 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.26845	day
LB0033	Carpenter Gd.2	1.11994	day
LB0036	Mason Gd.1	4.22030	day
LB0038	Plumber Gd.1	0.11300	day
LB0039	Work Supervisor (Lajab)	0.15225	day
LB0051	Mason Gd.2	11.90626	day
LB0053	Plant Operator Gd.3	0.21315	day
LB0054	Plumber Gd.2	0.03594	day
LB0077	Labour	47.93026	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.27790	day
MP0112	Concrete Vibrator(M/C5)	0.27790	day
MT0043	Sand	6.33432	cu.m
MT0060	Boulder	10.38000	cu.m
MT0068	Crushed Rock - 40mm	2.83910	cu.m
MT0070	Crushed Rock - 20mm	0.82770	cu.m
MT0145	Cement (OPC / PSC)	2.05572	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	29.40000	kg
MT0325	Ballies 75 to 125mm dia	3.93120	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.12636	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0848	H.D.P.E Pipes of pressure class PN 4 (160 mm)	3.00000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0902	Tee, welded type fittings - 160mm	2.00000	each

PO0620 Constructing Septic Tanks, in 2nd Class Bricks Masonry in cement mortar 1:4, including fittings, C.I cover with frame, 40mm thick concrete flooring(40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 15 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.09588	day
LB0033	Carpenter Gd.2	0.37331	day
LB0036	Mason Gd.1	1.97272	day
LB0038	Plumber Gd.1	0.08033	day
LB0039	Work Supervisor (Lajab)	0.06481	day
LB0051	Mason Gd.2	1.03606	day
LB0053	Plant Operator Gd.3	0.09074	day
LB0054	Plumber Gd.2	0.01634	day
LB0077	Labour	11.95316	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.11830	day
MP0112	Concrete Vibrator(M/C5)	0.11830	day
MT0043	Sand	1.54889	cu.m
MT0068	Crushed Rock - 40mm	1.27270	cu.m
MT0070	Crushed Rock - 20mm	0.27163	cu.m
MT0125	Bricks 2nd class	0.78629	1000#
MT0145	Cement (OPC / PSC)	0.63399	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	10.50000	kg
MT0325	Ballies 75 to 125mm dia	1.31040	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.04212	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0846	H.D.P.E Pipes of pressure class PN 4 -110 mm	2.60000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0901	Tee, welded type fittings - 110mm	2.00000	each

PO0621 Constructing Septic Tanks, in 2nd Class Bricks Masonry in cement mortar 1:4, including fittings, C.I cover with frame, 40mm thick concrete flooring(40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 25 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.11505	day
LB0033	Carpenter Gd.2	0.45946	day
LB0036	Mason Gd.1	2.62161	day
LB0038	Plumber Gd.1	0.08850	day
LB0039	Work Supervisor (Lajab)	0.07325	day
LB0051	Mason Gd.2	1.33818	day
LB0053	Plant Operator Gd.3	0.10255	day
LB0054	Plumber Gd.2	0.21238	day
LB0077	Labour	15.22079	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.13370	day
MP0112	Concrete Vibrator(M/C5)	0.13370	day
MT0043	Sand	1.93373	cu.m
MT0068	Crushed Rock - 40mm	1.41510	cu.m
MT0070	Crushed Rock - 20mm	0.33820	cu.m
MT0125	Bricks 2nd class	1.08749	1000#
MT0145	Cement (OPC / PSC)	0.79192	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	12.60000	kg
MT0325	Ballies 75 to 125mm dia	1.61280	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.05184	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0846	H.D.P.E Pipes of pressure class PN 4 -110 mm	2.60000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0901	Tee, welded type fittings - 110mm	2.00000	each

PO0622 Constructing Septic Tanks, in 2nd Class Bricks Masonry in cement mortar 1:4, including fittings, C.I cover with frame, 40mm thick concrete flooring(40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 50 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.16299	day
LB0033	Carpenter Gd.2	0.67484	day
LB0036	Mason Gd.1	3.84667	day
LB0038	Plumber Gd.1	0.09667	day
LB0039	Work Supervisor (Lajab)	0.08667	day

LB0051	Mason Gd.2	1.97825	day
LB0053	Plant Operator Gd.3	0.12134	day
LB0054	Plumber Gd.2	0.02614	day
LB0077	Labour	21.90808	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.15820	day
MP0112	Concrete Vibrator(M/C5)	0.15820	day
MT0043	Sand	2.62265	cu.m
MT0068	Crushed Rock - 40mm	1.59310	cu.m
MT0070	Crushed Rock - 20mm	0.50730	cu.m
MT0125	Bricks 2nd class	1.63402	1000#
MT0145	Cement (OPC / PSC)	1.08722	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	17.85000	kg
MT0325	Ballies 75 to 125mm dia	2.36880	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.07614	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0848	H.D.P.E Pipes of pressure class PN 4 (160 mm)	2.60000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0902	Tee, welded type fittings - 160mm	2.00000	each

PO0623 Constructing Septic Tanks, in 2nd Class Bricks Masonry in cement mortar 1:4, including fittings, C.I cover with frame, 40mm thick concrete flooring(40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 75 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.19175	day
LB0033	Carpenter Gd.2	0.80406	day
LB0036	Mason Gd.1	5.00064	day
LB0038	Plumber Gd.1	0.09667	day
LB0039	Work Supervisor (Lajab)	0.11428	day
LB0051	Mason Gd.2	2.50483	day
LB0053	Plant Operator Gd.3	0.16000	day
LB0054	Plumber Gd.2	0.02614	day
LB0077	Labour	24.25722	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.20860	day
MP0112	Concrete Vibrator(M/C5)	0.20860	day
MT0043	Sand	3.42050	cu.m
MT0068	Crushed Rock - 40mm	2.15380	cu.m
MT0070	Crushed Rock - 20mm	0.61268	cu.m
MT0125	Bricks 2nd class	2.10749	1000#
MT0145	Cement (OPC / PSC)	1.40722	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	21.00000	kg
MT0325	Ballies 75 to 125mm dia	2.82240	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.09072	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0848	H.D.P.E Pipes of pressure class PN 4 (160 mm)	2.60000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0902	Tee, welded type fittings - 160mm	2.00000	each

PO0624 Constructing Septic Tanks, in 2nd Class Bricks Masonry in cement mortar 1:4, including fittings, C.I cover with frame, 40mm thick concrete flooring(40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 100 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.21093	day
LB0033	Carpenter Gd.2	0.89021	day
LB0036	Mason Gd.1	5.88495	day
LB0038	Plumber Gd.1	0.11300	day
LB0039	Work Supervisor (Lajab)	0.12847	day
LB0051	Mason Gd.2	2.91542	day
LB0053	Plant Operator Gd.3	0.17986	day
LB0054	Plumber Gd.2	0.03594	day
LB0077	Labour	33.26381	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.23450	day
MP0112	Concrete Vibrator(M/C5)	0.23450	day
MT0043	Sand	3.95589	cu.m
MT0068	Crushed Rock - 40mm	2.42970	cu.m
MT0070	Crushed Rock - 20mm	0.68530	cu.m
MT0125	Bricks 2nd class	2.48378	1000#
MT0145	Cement (OPC / PSC)	1.62512	tonne

MT0208	Thermo - Mechanically Treated (TMT) bars	23.10000	kg
MT0325	Ballies 75 to 125mm dia	3.12480	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.10044	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0848	H.D.P.E Pipes of pressure class PN 4 (160 mm)	2.60000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0902	Tee, welded type fittings - 160mm	2.00000	each

PO0630 Constructing Septic Tanks, in reinforced concrete 1:2:4 (20mm aggregates) including fittings, C.I cover with frame, 40mm thick concrete flooring (40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 15 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.62319	day
LB0033	Carpenter Gd.2	10.58976	day
LB0036	Mason Gd.1	1.59206	day
LB0038	Plumber Gd.1	0.08033	day
LB0039	Work Supervisor (Lajab)	0.13614	day
LB0051	Mason Gd.2	0.34222	day
LB0053	Plant Operator Gd.3	0.10147	day
LB0054	Plumber Gd.2	0.01634	day
LB0077	Labour	13.96194	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.13230	day
MP0112	Concrete Vibrator(M/C5)	0.13230	day
MT0043	Sand	1.10372	cu.m
MT0068	Crushed Rock - 40mm	0.03560	cu.m
MT0070	Crushed Rock - 20mm	1.64650	cu.m
MT0145	Cement (OPC / PSC)	0.72279	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	68.25000	kg
MT0325	Ballies 75 to 125mm dia	15.94530	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.26795	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0846	H.D.P.E Pipes of pressure class PN 4 -110 mm	2.40000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0901	Tee, welded type fittings - 110mm	2.00000	each

PO0631 Constructing Septic Tanks, in reinforced concrete 1:2:4 (20mm aggregates) including fittings, C.I cover with frame, 40mm thick concrete flooring (40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 25 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.82453	day
LB0033	Carpenter Gd.2	14.43253	day
LB0036	Mason Gd.1	2.09024	day
LB0038	Plumber Gd.1	0.08850	day
LB0039	Work Supervisor (Lajab)	0.17948	day
LB0051	Mason Gd.2	0.42150	day
LB0053	Plant Operator Gd.3	0.13315	day
LB0054	Plumber Gd.2	0.21238	day
LB0077	Labour	19.26984	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.17360	day
MP0112	Concrete Vibrator(M/C5)	0.17360	day
MT0043	Sand	1.45144	cu.m
MT0068	Crushed Rock - 40mm	0.03560	cu.m
MT0070	Crushed Rock - 20mm	2.17160	cu.m
MT0145	Cement (OPC / PSC)	0.95061	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	90.30000	kg
MT0325	Ballies 75 to 125mm dia	21.67550	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.36274	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0846	H.D.P.E Pipes of pressure class PN 4 -110 mm	2.40000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0901	Tee, welded type fittings - 110mm	2.00000	each

PO0632 Constructing Septic Tanks, in reinforced concrete 1:2:4 (20mm aggregates) including fittings, C.I cover with frame, 40mm thick concrete flooring (40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 50 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	1.21761	day
LB0033	Carpenter Gd.2	21.51595	day
LB0036	Mason Gd.1	3.14460	day
LB0038	Plumber Gd.1	0.09667	day
LB0039	Work Supervisor (Lajab)	0.26577	day
LB0051	Mason Gd.2	0.63401	day
LB0053	Plant Operator Gd.3	0.19758	day
LB0054	Plumber Gd.2	0.02614	day
LB0077	Labour	29.05962	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.25760	day
MP0112	Concrete Vibrator(M/C5)	0.25760	day
MT0043	Sand	2.16261	cu.m
MT0068	Crushed Rock - 40mm	0.05340	cu.m
MT0070	Crushed Rock - 20mm	3.22180	cu.m
MT0145	Cement (OPC / PSC)	1.41440	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	133.34999	kg
MT0325	Ballies 75 to 125mm dia	32.34980	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.54234	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0848	H.D.P.E Pipes of pressure class PN 4 (160 mm)	2.40000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0902	Tee, welded type fittings - 160mm	2.00000	each

PO0633 Constructing Septic Tanks, in reinforced concrete 1:2:4 (20mm aggregates) including fittings, C.I cover with frame, 40mm thick concrete flooring (40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 75 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	1.52441	day
LB0033	Carpenter Gd.2	27.99513	day
LB0036	Mason Gd.1	4.07943	day
LB0038	Plumber Gd.1	0.09667	day
LB0039	Work Supervisor (Lajab)	0.33326	day
LB0051	Mason Gd.2	0.75907	day
LB0053	Plant Operator Gd.3	0.24697	day
LB0054	Plumber Gd.2	0.02614	day
LB0077	Labour	37.52398	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.32200	day
MP0112	Concrete Vibrator(M/C5)	0.32200	day
MT0043	Sand	2.73456	cu.m
MT0068	Crushed Rock - 40mm	0.05340	cu.m
MT0070	Crushed Rock - 20mm	4.04060	cu.m
MT0145	Cement (OPC / PSC)	1.78295	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	166.95000	kg
MT0325	Ballies 75 to 125mm dia	41.99860	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.70160	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0848	H.D.P.E Pipes of pressure class PN 4 (160 mm)	2.40000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0902	Tee, welded type fittings - 160mm	2.00000	each

PO0634 Constructing Septic Tanks, in reinforced concrete 1:2:4 (20mm aggregates) including fittings, C.I cover with frame, 40mm thick concrete flooring (40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design - 100 users

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	1.76410	day
LB0033	Carpenter Gd.2	37.47116	day
LB0036	Mason Gd.1	4.80697	day
LB0038	Plumber Gd.1	0.11300	day
LB0039	Work Supervisor (Lajab)	0.38618	day
LB0051	Mason Gd.2	0.87419	day
LB0053	Plant Operator Gd.3	0.28617	day
LB0054	Plumber Gd.2	0.03594	day

LB0077	Labour	46.13789	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.37310	day
MP0112	Concrete Vibrator(M/C5)	0.37310	day
MT0043	Sand	3.18427	cu.m
MT0068	Crushed Rock - 40mm	0.07120	cu.m
MT0070	Crushed Rock - 20mm	4.67250	cu.m
MT0145	Cement (OPC / PSC)	2.07196	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	193.20000	kg
MT0325	Ballies 75 to 125mm dia	55.94190	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.92718	cu.m
MT0751	C.I. manhole cover with frame (light duty)	2.00000	each
MT0848	H.D.P.E Pipes of pressure class PN 4 (160 mm)	2.40000	m
MT1150	P.V.C Pipe, Single Socketted, 1.83m long - 75	1.23540	each
MT0902	Tee, welded type fittings - 160mm	2.00000	each

CHAPTER 18 : PLASTERING

PL0001	P&L mud plaster including neat finish - 15mm		Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0051	Mason Gd.2	0.08974
	LB0077	Labour	0.12605
	MT0042	Mud dry	0.02064
			Units
			day
			day
			cu.m
PL0002	P&L mud plaster including neat finish - 20mm		Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0051	Mason Gd.2	0.10355
	LB0077	Labour	0.12319
	MT0042	Mud dry	0.02688
			Units
			day
			day
			cu.m
PL0010	P&L 6mm cement plaster (in ceilings) - C.M 1:3		Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.04843
	LB0077	Labour	0.16565
	MT0043	Sand	0.00770
	MT0145	Cement (OPC / PSC)	0.00367
			Units
			day
			day
			cu.m
			tonne
PL0011	P&L 6mm cement plaster (in ceilings) - C.M 1:4		Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.04843
	LB0077	Labour	0.16571
	MT0043	Sand	0.00770
	MT0145	Cement (OPC / PSC)	0.00274
			Units
			day
			day
			cu.m
			tonne
PL0012	P&L 6mm cement plaster (in ceilings) - Extra, for plaster to ceiling height > 5mper additional metre. ht		Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0077	Labour	0.00925
			Units
			day
PL0020	P&L 12mm cement plaster - C.M 1:3		Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.06079
	LB0077	Labour	0.17479
	MT0043	Sand	0.01541
	MT0145	Cement (OPC / PSC)	0.00734
			Units
			day
			day
			cu.m
			tonne
PL0021	P&L 12mm cement plaster - C.M 1:4		Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.06079
	LB0077	Labour	0.17479
	MT0043	Sand	0.01541
	MT0145	Cement (OPC / PSC)	0.00547
			Units
			day
			day
			cu.m
			tonne
PL0022	P&L 12mm cement plaster - C.M 1:5		Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.06079
	LB0077	Labour	0.17479
	MT0043	Sand	0.01541
	MT0145	Cement (OPC / PSC)	0.00446
			Units
			day
			day
			cu.m
			tonne

PL0023	P&L 12mm cement plaster - C.M 1:6		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.06079	day
LB0077	Labour	0.17479	day
MT0043	Sand	0.01541	cu.m
MT0145	Cement (OPC / PSC)	0.00360	tonne
PL0030	P&L 15mm cement plaster on rough side of single or half-brick wall - C.M 1:3		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.06973	day
LB0077	Labour	0.20617	day
MT0043	Sand	0.01840	cu.m
MT0145	Cement (OPC / PSC)	0.00877	tonne
PL0031	P&L 15mm cement plaster on rough side of single or half-brick wall - C.M 1:4		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.06973	day
LB0077	Labour	0.20617	day
MT0043	Sand	0.01840	cu.m
MT0145	Cement (OPC / PSC)	0.00654	tonne
PL0032	P&L 15mm cement plaster on rough side of single or half-brick wall - C.M 1:5		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.06973	day
LB0077	Labour	0.20617	day
MT0043	Sand	0.01840	cu.m
MT0145	Cement (OPC / PSC)	0.00533	tonne
PL0033	P&L 15mm cement plaster on rough side of single or half-brick wall - C.M 1:6		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.06973	day
LB0077	Labour	0.20617	day
MT0043	Sand	0.01840	cu.m
MT0145	Cement (OPC / PSC)	0.00430	tonne
PL0040	P&L 20mm cement plaster - C.M 1:3		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.08046	day
LB0077	Labour	0.24993	day
MT0043	Sand	0.02397	cu.m
MT0145	Cement (OPC / PSC)	0.01142	tonne
PL0041	P&L 20mm cement plaster - C.M 1:4		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.08046	day
LB0077	Labour	0.24993	day
MT0043	Sand	0.02397	cu.m
MT0145	Cement (OPC / PSC)	0.00851	tonne
PL0042	P&L 20mm cement plaster - C.M 1:5		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.08046	day
LB0077	Labour	0.24993	day
MT0043	Sand	0.02397	cu.m
MT0145	Cement (OPC / PSC)	0.00694	tonne

PL0043	P&L 20mm cement plaster - C.M 1:6		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.08046	day
LB0077	Labour	0.24993	day
MT0043	Sand	0.02397	cu.m
MT0145	Cement (OPC / PSC)	0.00560	tonne
PL0050	P&L 12mm plain cement mortar band in C.M 1:4 - Flush band		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.10072	day
LB0051	Mason Gd.2	0.10072	day
LB0077	Labour	0.48119	day
MT0043	Sand	0.01498	cu.m
MT0145	Cement (OPC / PSC)	0.00532	tonne
PL0051	P&L 12mm plain cement mortar band in C.M 1:4 - Sunk band		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.11205	day
LB0051	Mason Gd.2	0.11205	day
LB0077	Labour	0.52454	day
MT0043	Sand	0.01498	cu.m
MT0145	Cement (OPC / PSC)	0.00532	tonne
PL0052	P&L 12mm plain cement mortar band in C.M 1:4 - Raised band		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.13052	day
LB0051	Mason Gd.2	0.13052	day
LB0077	Labour	0.59736	day
MT0043	Sand	0.01498	cu.m
MT0145	Cement (OPC / PSC)	0.00532	tonne
PL0060	P&L 20mm plain cement mortar band in C.M 1:4 - Flush band		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.12099	day
LB0051	Mason Gd.2	0.12099	day
LB0077	Labour	0.58089	day
MT0043	Sand	0.02140	cu.m
MT0145	Cement (OPC / PSC)	0.00760	tonne
PL0061	P&L 20mm plain cement mortar band in C.M 1:4 - Sunk band		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.13410	day
LB0051	Mason Gd.2	0.13410	day
LB0077	Labour	0.63291	day
MT0043	Sand	0.02140	cu.m
MT0145	Cement (OPC / PSC)	0.00760	tonne
PL0062	P&L 20mm plain cement mortar band in C.M 1:4 - Raised band		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.15675	day
LB0051	Mason Gd.2	0.15675	day
LB0077	Labour	0.71961	day
MT0043	Sand	0.02140	cu.m
MT0145	Cement (OPC / PSC)	0.00760	tonne

PL0070	P&L cement plaster, finished with floating coat of neat cement - 12mm plaster in C.M 1:3		
		Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.07927
	LB0077	Labour	0.21062
	MT0043	Sand	0.01541
	MT0145	Cement (OPC / PSC)	0.00954
			Units
			day
			day
			cu.m
			tonne
PL0071	P&L cement plaster, finished with floating coat of neat cement - 15mm plaster in C.M 1:3		
		Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.08821
	LB0077	Labour	0.24201
	MT0043	Sand	0.01840
	MT0145	Cement (OPC / PSC)	0.01097
			Units
			day
			day
			cu.m
			tonne
PL0072	P&L cement plaster, finished with floating coat of neat cement - 20mm plaster in C.M 1:3		
		Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.09894
	LB0077	Labour	0.28576
	MT0043	Sand	0.02397
	MT0145	Cement (OPC / PSC)	0.01362
			Units
			day
			day
			cu.m
			tonne
PL0073	P&L cement plaster, finished with floating coat of neat cement - 12mm plaster in C.M 1:4		
		Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.07927
	LB0077	Labour	0.21062
	MT0043	Sand	0.01541
	MT0145	Cement (OPC / PSC)	0.00767
			Units
			day
			day
			cu.m
			tonne
PL0074	P&L cement plaster, finished with floating coat of neat cement - 15mm plaster in C.M 1:4		
		Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.08821
	LB0077	Labour	0.24201
	MT0043	Sand	0.01840
	MT0145	Cement (OPC / PSC)	0.00874
			Units
			day
			day
			cu.m
			tonne
PL0075	P&L cement plaster, finished with floating coat of neat cement - 20mm plaster in C.M 1:4		
		Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.09894
	LB0077	Labour	0.28576
	MT0043	Sand	0.02397
	MT0145	Cement (OPC / PSC)	0.01071
			Units
			day
			day
			cu.m
			tonne
PL0076	P&L cement plaster, finished with floating coat of neat cement - 6mm cement plaster in C.M 1:3, including lime wash on top of wall when dry for bearing R.C slabs and beams		
		Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0036	Mason Gd.1	0.06690
	LB0067	Painter Gd.2	0.00477
	LB0077	Labour	0.21074
	MT0043	Sand	0.00770
	MT0120	Slaked lime	0.10000
	MT0145	Cement (OPC / PSC)	0.00587
			Units
			day
			day
			cu.m
			kg
			tonne

PL0080	Rough cast plaster with a mixture of sand and gravel or crushed stone 2-12mm including plaster in 2 layers- 12mm 1:4, & 10mm 1:3 hydrated lime cement - Grey cement			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0036	Mason Gd.1	0.17165	day	
LB0077	Labour	0.36726	day	
MT0043	Sand	0.02825	cu.m	
MT0071	Crushed Rock - 12.5 - 6mm	0.01000	cu.m	
MT0120	Slaked lime	0.92900	kg	
MT0145	Cement (OPC / PSC)	0.01159	tonne	
PL0081	Rough cast plaster with a mixture of sand and gravel or crushed stone 2-12mm including plaster in 2 layers- 12mm 1:4, & 10mm 1:3 hydrated lime cement - White cement			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0036	Mason Gd.1	0.17165	day	
LB0077	Labour	0.36726	day	
MT0043	Sand	0.02825	cu.m	
MT0071	Crushed Rock - 12.5 - 6mm	0.01000	cu.m	
MT0120	Slaked lime	0.92900	kg	
MT0145	Cement (OPC / PSC)	0.01159	tonne	
MT0146	White Cement	0.00510	tonne	
PL0090	Pebble dash plaster with a mixture of washed pebble or crushed stone 6mm to 12mm nominal size dashed over fresh plaster in the layers, under layer 12mm cement plaster 1:4 and top layer 10mm cement plaster mixed with finely ground hydrated lime by volume of cement - Grey cement			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0036	Mason Gd.1	0.15347	day	
LB0077	Labour	0.40599	day	
MT0043	Sand	0.02825	cu.m	
MT0071	Crushed Rock - 12.5 - 6mm	0.01000	cu.m	
MT0120	Slaked lime	0.92900	kg	
MT0145	Cement (OPC / PSC)	0.01159	tonne	
PL0091	18 mm cement plaster in two coats; under layer 12 mm C.P 1:5 (1 cement : 5 sand) and top layer 6 mm thick C.P 1:4 (1 cement : 6 sand) finished even and smooth and curing etc. complete			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0051	Mason Gd.2	0.06854	day	
LB0077	Labour	0.28900	day	
PL0022	12 mm C.P in C.M 1:5	0.00858	cu.m	
PL0011	6 mm C.P in C.M 1:4	0.00429	cu.m	
PL0092	18 mm cement plaster in two coats; under layer 12 mm C.P 1:5 (1 cement : 5 sand) and top layer 6 mm thick C.P 1:3 (1 cement : 6 sand) finished even and smooth and curing etc. complete			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0051	Mason Gd.2	0.06854	day	
LB0077	Labour	0.28900	day	
PL0022	12 mm C.P in C.M 1:5	0.00858	cu.m	
PL0010	6 mm C.P in C.M 1:3	0.00429	cu.m	
PL0095	12 mm cement lime plaster of mix on fair side of brick work - 1:1:6 (1 cement :1 lime : 6 sand) finished even and smooth and curing etc. complete			Coefficient for per Sq.m
Code	Description	Coefficient	Units	
LB0051	Mason Gd.2	0.10430	day	
LB0077	Labour	0.19074	day	
MR0026	Cement Lime mortar 1:1:6	0.01440	cu.m	

PL0096	12 mm cement lime plaster of mix on rough side of brick work - 1:1:6 (1 cement :1 lime : 6 sand) finished even and smooth and curing etc. complete			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	0.05066	day
	LB0077	Labour	0.20808	day
	MR0026	Cement Lime mortar 1:1:6	0.01720	cu.m
PL0100	Extra, for providing and mixing water-proofing Materials in proportion recommended by the manufacturers - 12mm plaster in C.M 1:3			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.01156	day
	MT0151	Water proofing compound	0.14800	kg
PL0101	Extra, for providing and mixing water-proofing Materials in proportion recommended by the manufacturers - 12mm plaster in C.M 1:4			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.01156	day
	MT0151	Water proofing compound	0.11500	kg
PL0102	Extra, for providing and mixing water-proofing Materials in proportion recommended by the manufacturers - 15mm plaster in C.M 1:3			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.01156	day
	MT0151	Water proofing compound	0.16450	kg
PL0103	Extra, for providing and mixing water-proofing Materials in proportion recommended by the manufacturers - 15mm plaster in C.M 1:4			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.01156	day
	MT0151	Water proofing compound	0.13200	kg
PL0104	Extra, for providing and mixing water-proofing Materials in proportion recommended by the manufacturers - 20mm plaster in C.M 1:3			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.01156	day
	MT0151	Water proofing compound	0.20430	kg
PL0105	Extra, for providing and mixing water-proofing Materials in proportion recommended by the manufacturers - 20mm plaster in C.M 1:4			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.01156	day
	MT0151	Water proofing compound	0.16100	kg
PL0110	Neat cement punning			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0036	Mason Gd.1	0.01848	day
	LB0076	Labour	0.03584	day
	MT0145	Cement (OPC / PSC)	0.00220	tonne

PL0125 Providing & applying putty of 2mm or more thickness over plastered surface to prepare the surface even and smooth complete.

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.06980	day
LB0051	Mason Gd.2	0.06980	day
MT0741	Wall putty	2.30000	Kg

CHAPTER 19 : PAINTING & WALL PAPER

PT0001	Surface preparation removing by scraping, sand papering, including scratch repairs - White colour-wash			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.01495	day
PT0002	Surface preparation removing by scraping, sand papering, including scratch repairs - Dry oil bound distemper			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.01846	day
PT0010	Providing & applying one coat of primers - Cement primer			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.02608	day
	LB0076	Labour	0.02387	day
	MT0710	Cement primer	0.07000	litre
PT0011	Providing & applying one coat of primers - Metal work - synthetic red oxide primer			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.02301	day
	LB0076	Labour	0.02106	day
	MT0712	Red oxide primer, for metals	0.05400	litre
PT0012	Providing & applying one coat of primers - Wood work - pink primer			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.02378	day
	LB0076	Labour	0.02176	day
	MT0714	Pink primer, for wood	0.07500	litre
PT0013	Providing & applying one coat of primers - Wood work - white primer			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.02301	day
	LB0076	Labour	0.02106	day
	MT0713	White primer, for wood	0.05400	litre
PT0014	Providing & applying one coat of primers - Red lead primer			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.02301	day
	LB0076	Labour	0.02106	day
	MT0711	Synthetic red lead primer	0.05400	litre
PT0020	Providing & applying white or colour washing - White washing with lime-new work-three coats			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0067	Painter Gd.2	0.01764	day
	LB0076	Labour	0.01615	day
	MT0120	Unslaked lime	0.30000	kg
PT0021	Providing & applying white or colour washing - White washing with lime, old work, two coats			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0067	Painter Gd.2	0.00997	day
	LB0076	Labour	0.00913	day
	MT0120	slaked lime	0.20000	kg

PT0022	Providing & applying white or colour washing - White washing with lime, old work, one coat			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0067	Painter Gd.2	0.00614	day
	LB0076	Labour	0.00562	day
	MT0120	slaked lime	0.10000	kg
PT0023	Providing & applying white or colour washing - Colour washing/new work, two coats, including base coat of white-wash with lime			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0067	Painter Gd.2	0.01764	day
	LB0076	Labour	0.01615	day
	MT0120	slaked lime	0.30000	kg
PT0024	Providing & applying white or colour washing - Colour washing with lime, old work, two coats			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0067	Painter Gd.2	0.00997	day
	LB0076	Labour	0.00913	day
	MT0120	slaked lime	0.20000	kg
PT0025	Providing & applying white or colour washing - Colour washing with lime, old work, one coat			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0067	Painter Gd.2	0.00614	day
	LB0076	Labour	0.00562	day
	MT0120	slaked lime	0.10000	kg
PT0030	Finishing wall with Water-Proof Cement Paint - New work, three coats			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.03835	day
	LB0076	Labour	0.03510	day
	MT0692	Water proofing Cement paint	0.54700	kg
PT0031	Finishing wall with Water-Proof Cement Paint - Old work, one coats			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.02148	day
	LB0076	Labour	0.01966	day
	MT0692	Water proofing Cement paint	0.22000	kg
PT0040	Providing and applying finishing coats - Dry distemper, two coats on new work, including white priming coat			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.05062	day
	LB0076	Labour	0.04633	day
	MT0120	slaked lime	0.10000	kg
	MT0690	Dry Distemper	0.15000	kg
PT0041	Providing and applying finishing coats - Dry distemper, one coat on old work			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.02148	day
	LB0076	Labour	0.01966	day
	MT0690	Dry Distemper	0.10000	kg

PT0042	Providing and applying finishing coats - Acrylic washable distemper, two coats on new work, including cement primer coat		
		Coefficient for per Sq.m	
	Code	Description	Coefficient
	LB0052	Painter Gd.1	0.06443
	LB0076	Labour	0.05897
	MT0691	Acrylic washable distemper	0.15000
	MT0710	Cement primer	0.07000
			Units
			day
			day
			kg
			litre
PT0043	Providing and applying finishing coats - Acrylic washable distemper, one coat on old work		
			Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0052	Painter Gd.1	0.02148
	LB0076	Labour	0.01966
	MT0691	Acrylic washable distemper	0.10000
			Units
			day
			day
			kg
PT0044	Providing and applying finishing coats - Bituminastic enamel, for steel work, two coats on new work		
			Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0052	Painter Gd.1	0.05216
	LB0076	Labour	0.04774
	MT0726	Black/White bitumen enamel	0.09500
			Units
			day
			day
			litre
PT0045	Providing and applying finishing coats - Bituminastic enamel, for steel work, one coat on old work		
			Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0052	Painter Gd.1	0.03452
	LB0076	Labour	0.03159
	MT0726	Black/White bitumen enamel	0.05700
			Units
			day
			day
			litre
PT0046	Providing and applying finishing coats - Synthetic enamel, for steel & wood work/one coat on old work		
			Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0052	Painter Gd.1	0.03452
	LB0076	Labour	0.03159
	MT0722	Synthetic enamel paint	0.07500
			Units
			day
			day
			litre
PT0047	Providing and applying finishing coats - Synthetic enamel, for steel & wood work, two coats on new work		
			Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0052	Painter Gd.1	0.05254
	LB0076	Labour	0.04809
	MT0722	Synthetic enamel paint	0.12500
			Units
			day
			day
			litre
PT0048	Providing and applying finishing coats - High gloss synthetic enamel/for steel & wood work, two coats on new		
			Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0067	Painter Gd.2	0.05177
	LB0076	Labour	0.04739
	MT0723	High gloss synthetic enamel	0.12000
			Units
			day
			day
			litre
PT0049	Providing and applying finishing coats - High gloss synthetic enamel, for steel & wood work/one coat on old work		
			Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0067	Painter Gd.2	0.03452
	LB0076	Labour	0.03159
	MT0723	High gloss synthetic enamel	0.08000
			Units
			day
			day
			litre

PT0050	Providing and applying finishing coats - Red corrugal, ready mixed/on G.I sheets, two coats on new work	Coefficient for per Sq.m		
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.05216	day
	LB0076	Labour	0.04774	day
	MT0721	Red Corrugal paint	0.08000	litre
PT0051	Providing and applying finishing coats - Red corrugal, ready mixed, on G.I sheets/one coat on old work	Coefficient for per Sq.m		
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.03452	day
	LB0076	Labour	0.03159	day
	MT0721	Red Corrugal paint	0.04600	litre
PT0052	Providing and applying finishing coats - Vinyl plastic emulsion paint, for cement, masonry, plaster, two coats on new work	Coefficient for per Sq.m		
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.05177	day
	LB0076	Labour	0.04739	day
	MT0725	Vinyl plastic emulsion paint (for cement plaster)	0.12100	litre
PT0053	Providing and applying finishing coats - Acrylic emulsion, one coat	Coefficient for per Sq.m		
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.02608	day
	LB0076	Labour	0.02387	day
	MT0724	Acrylic emulsion	0.08100	litre
PT0054	Providing and applying finishing coats - Aluminium paint, one coat on old work	Coefficient for per Sq.m		
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.03375	day
	LB0076	Labour	0.03089	day
	MT0720	Aluminium paint	0.04700	litre
PT0055	Providing and applying finishing coats - Aluminium paint, two coats on new work	Coefficient for per Sq.m		
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.05216	day
	LB0076	Labour	0.04774	day
	MT0720	Aluminium paint	0.08000	litre
PT0060	Providing and applying wood stains, varnishes & polishes - Wood stain (various colours), one coat	Coefficient for per Sq.m		
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.05216	day
	LB0076	Labour	0.04774	day
	MT0730	Wood Stain (various colours)	0.07000	litre
PT0061	Providing and applying wood stains, varnishes & polishes - Synthetic varnish (clear) - one coat, on old work	Coefficient for per Sq.m		
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.10355	day
	LB0076	Labour	0.03159	day
	MT0731	Clear synthetic varnish	0.10000	litre

PT0062	Providing and applying wood stains, varnishes & polishes - Synthetic varnish (clear) - two coats, including coat of wood filler on new work			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.20632	day
	LB0077	Labour	0.04774	day
	MT0731	Clear synthetic varnish	0.16300	litre
PT0063	Providing and applying wood stains, varnishes & polishes - French polish - one coat, on old work			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.10355	day
	LB0077	Labour	0.03159	day
	MT0732	French Polish	0.10000	litre
PT0064	Providing and applying wood stains, varnishes & polishes - French polish - two coats, on new work			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.20632	day
	LB0077	Labour	0.04774	day
	MT0732	French Polish	0.16300	litre
PT0070	Providing and applying wood preservatives - Brown, two coats on new work			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.01457	day
	LB0076	Labour	0.01334	day
	MT0735	Wood preservative -Brown	0.10000	litre
PT0071	Providing and applying wood preservatives - Brown, one coat on old work			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0052	Painter Gd.1	0.01074	day
	LB0076	Labour	0.00983	day
	MT0735	Wood preservative -Brown	0.08100	litre
PT0072	Providing and applying wood preservatives - Coal tar, two coats on new work			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.03791	day
	MT0035	Kerosene	0.05000	litre
	MT0736	Crude Coal Tar	0.28000	litre
PT0073	Providing and applying wood preservatives - Coal tar, one coat on old work			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.03159	day
	MT0736	Crude Coal Tar	0.12000	litre
PT0080	Providing & fixing wall paper - Standard Quality			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0067	Painter Gd.2	0.03452	day
	LB0077	Labour	0.03159	day
	MT0745	Wall paper: - Standard	1.05000	sq.m
PT0081	Providing & fixing wall paper - High Quality			Coefficient for per Sq.m
	Code	Description	Coefficient	Units
	LB0067	Painter Gd.2	0.03452	day
	LB0077	Labour	0.03159	day
	MT0746	Wall paper: - High Quality	1.05000	sq.m

PT0090	Providing, preparing and applying Sumdang painting (Not washable) - Rab	Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.64428	day
LB0023	Lharib	0.64428	day
MT0691	Acrylic washable distemper	0.04020	kg
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0696	Animal glue	0.04020	kg
MT0697	Cloth for Bhutanese painting	0.00120	sq.m
MT0698	Paper for Bhutanese painting	0.00480	sq.m
MT0699	Colour powder(excluding gold powder)	0.07002	kg
MT0700	Gold powder	0.00498	kg
MT0720	Aluminium paint	0.04020	litre

PT0091	Providing, preparing and applying Sumdang painting (Not washable) - Ding	Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.46020	day
LB0023	Lharib	0.46020	day
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0696	Animal glue	0.04020	kg
MT0697	Cloth for Bhutanese painting	0.00120	sq.m
MT0698	Paper for Bhutanese painting	0.00480	sq.m
MT0699	Colour powder(excluding gold powder)	0.07002	kg

PT0092	Providing, preparing and applying Sumdang painting (Not washable) - Thamar	Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.32214	day
LB0023	Lharib	0.32214	day
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0696	Animal glue	0.04020	kg
MT0697	Cloth for Bhutanese painting	0.00120	sq.m
MT0698	Paper for Bhutanese painting	0.00480	sq.m
MT0699	Colour powder(excluding gold powder)	0.07002	kg

PT0100	Providing, preparing and applying Dangtshon painting (Not washable) - Rab	Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.92040	day
LB0023	Lharib	0.92040	day
MT0691	Acrylic washable distemper	0.04020	kg
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0696	Animal glue	0.04020	kg
MT0697	Cloth for Bhutanese painting	0.00120	sq.m
MT0698	Paper for Bhutanese painting	0.00480	sq.m
MT0699	Colour powder(excluding gold powder)	0.07002	kg
MT0700	Gold powder	0.00498	kg
MT0720	Aluminium paint	0.04020	litre

PT0101	Providing, preparing and applying Dangtshon painting (Not washable) - Ding	Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.69030	day
LB0023	Lharib	0.69030	day
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0696	Animal glue	0.04020	kg
MT0697	Cloth for Bhutanese painting	0.00120	sq.m
MT0698	Paper for Bhutanese painting	0.00480	sq.m
MT0699	Colour powder(excluding gold powder)	0.07002	kg

PT0102 Providing, preparing and applying Dangtshon painting (Not washable) - Thamar		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.46020	day
LB0023	Lharib	0.46020	day
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0696	Animal glue	0.04020	kg
MT0697	Cloth for Bhutanese painting	0.00120	sq.m
MT0698	Paper for Bhutanese painting	0.00480	sq.m
MT0699	Colour powder(excluding gold powder)	0.07002	kg
PT0110 Providing, preparing and applying Sumdang washable painting - Rab		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.75013	day
LB0023	Lharib	0.75013	day
MT0691	Acrylic washable distemper	0.04020	kg
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0697	Cloth for Bhutanese painting	0.00120	sq.m
MT0698	Paper for Bhutanese painting	0.00480	sq.m
MT0700	Gold powder	0.00498	kg
MT0720	Aluminium paint	0.04020	litre
MT0722	Synthetic enamel paint	0.04020	litre
PT0111 Providing, preparing and applying Sumdang washable painting - Ding		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.57985	day
LB0023	Lharib	0.57985	day
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0697	Cloth for Bhutanese painting	0.00120	sq.m
MT0698	Paper for Bhutanese painting	0.00480	sq.m
MT0722	Synthetic enamel paint	0.04020	litre
PT0112 Providing, preparing and applying Sumdang washable painting - Thamar		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.42799	day
LB0023	Lharib	0.42799	day
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0697	Cloth for Bhutanese painting	0.00120	sq.m
MT0698	Paper for Bhutanese painting	0.00480	sq.m
MT0722	Synthetic enamel paint	0.04020	litre
PT0120 Providing, preparing and applying Dangtshon washable painting - Rab		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.96642	day
LB0023	Lharib	0.96642	day
MT0691	Acrylic washable distemper	0.04020	kg
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0697	Cloth for Bhutanese painting	0.00120	sq.m
MT0698	Paper for Bhutanese painting	0.00480	sq.m
MT0700	Gold powder	0.00498	kg
MT0720	Aluminium paint	0.04020	litre
MT0722	Synthetic enamel paint	0.04020	litre
PT0121 Providing, preparing and applying Dangtshon washable painting - Ding		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.75013	day
LB0023	Lharib	0.75013	day
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0697	Cloth for Bhutanese painting	0.00120	sq.m

MT0698	Paper for Bhutanese painting	0.00480	sq.m
MT0722	Synthetic enamel paint	0.04020	litre
PT0122	Providing, preparing and applying Dangtshon washable painting - Thamar		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.53843	day
LB0023	Lharib	0.53843	day
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0697	Cloth for Bhutanese painting	0.00120	sq.m
MT0698	Paper for Bhutanese painting	0.00480	sq.m
MT0722	Synthetic enamel paint	0.04020	litre
PT0130	Providing, preparing and applying Yutshon painting (plain) - Washable		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.18408	day
LB0067	Painter Gd.2	0.18408	day
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0722	Synthetic enamel paint	0.04020	litre
PT0131	Providing, preparing and applying Yutshon painting (plain) - Not Washable		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.16107	day
LB0067	Painter Gd.2	0.16107	day
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
PT0140	Providing, preparing and applying flower natural painting for wall decoration design such as Tashitagey symbols, Tashi Zeegay, Za-Tshering, etc.. - Dangtshon - Rab		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.96642	day
LB0067	Painter Gd.2	0.96642	day
MT0691	Acrylic washable distemper	0.04020	kg
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0697	Cloth for Bhutanese painting	0.40020	sq.m
MT0698	Paper for Bhutanese painting	0.30000	sq.m
MT0700	Gold powder	0.00498	kg
MT0720	Aluminium paint	0.04020	litre
PT0141	Providing, preparing and applying flower natural painting for wall decoration design such as Tashitagey symbols, Tashi Zeegay, Za-Tshering, etc.. - Sumdang - Rab		Coefficient for per Sq.m
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.75013	day
LB0067	Painter Gd.2	0.75013	day
MT0691	Acrylic washable distemper	0.04020	kg
MT0695	Mud Paint for Bhutanese traditional painting	0.16200	kg
MT0697	Cloth for Bhutanese painting	0.40020	sq.m
MT0698	Paper for Bhutanese painting	0.30000	sq.m
MT0700	Gold powder	0.00498	kg
MT0720	Aluminium paint	0.04020	litre

CHAPTER 20 : ADDITIONS, ALTERATIONS & REPAIRS

AA0001 Repair to plaster including cutting to shape, surface preparation, proving and applying cement plaster to the surface, disposal rubbish within 50m lead - Patch area <2.5sq.m

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.12886	day
LB0077	Labour	0.20376	day
MT0043	Sand	0.01926	cu.m
MT0145	Cement (OPC / PSC)	0.00684	tonne

AA0005 Providing & fixing glass panes with putty, nails including removal of broken glass panes - 3mm thick plain

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.22243	day
LB0077	Labour	0.20358	day
MT0655	Plain Glass - 3mm thick	1.10000	sq.m
MT0740	Putty	0.68000	kg

AA0006 Providing & fixing glass panes with putty, nails including removal of broken glass panes - 4mm thick plain

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.22243	day
LB0077	Labour	0.20358	day
MT0656	Plain Glass - 4mm thick	1.10000	sq.m
MT0740	Putty	0.68000	kg

AA0007 Providing & fixing glass panes with putty, nails including removal of broken glass panes - 5.5mm thick plain

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.22243	day
LB0077	Labour	0.20358	day
MT0657	Plain Glass - 5.5mm thick	1.10000	sq.m
MT0740	Putty	0.68000	kg

AA0008 Providing & fixing glass panes with putty, nails including removal of broken glass panes - 3mm thick frosted

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.22243	day
LB0077	Labour	0.20358	day
MT0660	Frosted Glass - 3mm thick	1.10000	sq.m
MT0740	Putty	0.68000	kg

AA0009 Providing & fixing glass panes with putty, nails including removal of broken glass panes - 5.5mm thick frosted

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0021	Carpenter Gd.1	0.22243	day
LB0077	Labour	0.20358	day
MT0661	Frosted Glass - 5.5mm thick	1.10000	sq.m
MT0740	Putty	0.68000	kg

AA0015 Cutting holes < 300x300mm in brick walls including repair wall

Coefficient for per each

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07828	day
LB0051	Mason Gd.2	0.06604	day
LB0077	Labour	0.17938	day
MT0043	Sand	0.00666	cu.m
MT0125	Bricks 2nd class	0.00733	1000#
MT0145	Cement (OPC / PSC)	0.00263	tonne

AA0016 Cutting holes < 150x150mm in R.C. floors or roof including making leak proofing with concrete 1:2:4, 20mm aggregates

Coefficient for per each

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.07988	day
LB0039	Work Supervisor (Lajab)	0.00008	day
LB0051	Mason Gd.2	0.07988	day
LB0053	Plant Operator Gd.3	0.00012	day
LB0077	Labour	0.15014	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00015	day
MP0112	Concrete Vibrator(M/C5)	0.00015	day
MT0043	Sand	0.00098	cu.m
MT0070	Crushed Rock - 20mm	0.00196	cu.m
MT0145	Cement (OPC / PSC)	0.00071	tonne

AA0017 Making chases < 75x75mm in walls including repair after fixing G.I pipe etc.

Coefficient for per m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.02399	day
LB0039	Work Supervisor (Lajab)	0.00015	day
LB0051	Mason Gd.2	0.02399	day
LB0053	Plant Operator Gd.3	0.00021	day
LB0077	Labour	0.09385	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00027	day
MP0112	Concrete Vibrator(M/C5)	0.00027	day
MT0043	Sand	0.00179	cu.m
MT0070	Crushed Rock - 20mm	0.00357	cu.m
MT0145	Cement (OPC / PSC)	0.00084	tonne

AA0025 Providing & fixing Aluminium strip edging to staircases including rawl plugs and screws, a thin layer of cement mortar 1:3 - 57mm x 12mm x 3mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.02876	day
LB0036	Mason Gd.1	0.07977	day
LB0077	Labour	0.07301	day
MT0160	Aluminium Strip Edging - 57mmx12mmx1.6mm	1.05000	m

AA0026 Providing & fixing Aluminium strip edging to staircases including rawl plugs and screws, a thin layer of cement mortar 1:3 - 38mm x 12mm x 3mm

Coefficient for per m

Code	Description	Coefficient	Units
LB0033	Carpenter Gd.2	0.02876	day
LB0036	Mason Gd.1	0.07977	day
LB0077	Labour	0.07301	day
MT0176	Aluminium Strip Edging - 38mmx12mmx1.6mm	1.05000	m

CHAPTER 21 : ROAD WORKS

RW0007 Earth work in excavation over areas, exceeding 300 mm in depth 1.5 m in width as well as 10 sq.m. On plan, including disposal of excavated earth, (disposed earth to be levelled and neatly dressed) - all types of soil
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	labourer	0.39052	day

RW0008 Earth work in excavation over areas, exceeding 300 mm in depth 1.5 m in width as well as 10 sq.m. On plan, including disposal of excavated earth, (disposed earth to be levelled and neatly dressed) - all type of rock with or without blasting
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	1.12039	day
MT0020	Superdyne / Gelatine	0.19700	kg
MT0021	D cord	1.50000	m
MT0022	Detonator	0.20000	each

RW0009 Earth work in excavation over areas, exceeding 300 mm in depth 1.5 m in width as well as 10 sq.m. On plan, including disposal of excavated earth, (disposed earth to be levelled and neatly dressed) - all types of rock requiring blasting
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	labourer	1.48684	day
MT0020	Superdyne / Gelatine	0.39300	kg
MT0021	D cord	1.50000	m
MT0022	Detonator	0.40000	each

RW0010 Earth work in excavation over areas, exceeding 300 mm in depth 1.5 m in width as well as 10 sq.m. On plan, including disposal of excavated earth, (disposed earth to be levelled and neatly dressed) - all types of rock requiring chiselling (blasting prohibited)
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.03881	day
LB0051	Mason Gd.2	0.23394	day
LB0077	labourer	2.25145	day

RW0011 Excavation of road formation/trace/box cutting, with rock breaker including separate deposition of soil, rocks and stones within 50m for reuse - All types of rocks
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0039	work supervisor	0.00253	day
MP0125	Excavator CAT 320 or equivalent	0.00350	day
MP0126	Excavator with Rock breaker	0.02271	day

RW0013 Excavation of road formation/trace/box cutting, with excavator including separate deposition of soil, rocks and stones within 50m for reuse - All types of soil
Coefficient for per cu.m

Code	Description	Coefficient	Units
MP0125	Excavator CAT 320 or equivalent	0.00350	day

RW0014 Excavation of road formation/trace/box cutting, with excavator including separate deposition of soil, rocks and stones within 50m for reuse - All types of rocks (With or Without blasting)
Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0047	Blaster	0.00384	day
LB0077	Labour	0.00351	day
MP0125	Excavator CAT 320 or equivalent	0.00350	day
MP0113	Compressor (cps - 300)	0.00800	day
MP0135	Jack Hammer	0.00800	day
MT0020	Gelatine/Superdyne	0.33200	kg
MT0021	D cord	1.50000	m
MT0022	Detonator	0.40000	each
MT0023	Drill rod - 8'	0.00500	each

RW0016	Earthwork in excavation in foundation trenches or drains including dressing of sides and ramming of bottom, disposal of surplus excavated soil within 50m lead - all types of soil			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	labourer	0.41278	day
RW0017	Earthwork in excavation in foundation trenches or drains including dressing of sides and ramming of bottom, disposal of surplus excavated soil within 50m lead - All types of rock with or without blasting			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	labourer	1.18203	day
	MT0020	Superdyne / Gelatine	0.22500	kg
	MT0021	D cord	1.50000	m
	MT0022	Detonator	0.30000	each
RW0018	Earthwork in excavation in foundation trenches or drains including dressing of sides and ramming of bottom, disposal of surplus excavated soil within 50m lead - All types of rock requiring blasting			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	labourer	1.58568	day
	MT0020	Superdyne / Gelatine	0.64200	kg
	MT0021	D cord	1.50000	m
	MT0022	Detonator	0.70000	each
RW0019	Transport of loose spoil materials in designated locations including loading/unloading. Dressing of dump sites and plantation of vegetation after completion of dumping - beyond 50 m (Analyse as per procedure in LMC-2025 carriage of materials by mechanical transport)			
RW0030	Construction of embankment by laying dry earth in horizontal layers not exceeding 200mm in depth(compact), including watering,power rolling,dressing and preparation of site with selected excavated			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	labourer	0.24364	day
	MP0152	Roller, CAT -CS551	0.00200	day
RW0035	Providing and laying filter material (600 mm wide) in trenches, sides of foundations, walls, etc with 100 to 200 mm stones wherever applicable.			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0051	Mason Gd.2	0.40651	day
	LB0077	labourer	0.37206	day
	MT0060	Boulder	1.00000	cu.m
RW0044	Supplying/collection and stacking stone aggregate - 100 mm			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.38610	day
	MT0064	Crushed Rock - 100mm	1.00000	cu.m
RW0045	Supplying/collection and stacking stone aggregate - 75 mm			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.24570	day
	MT0065	Crushed Rock - 75mm	1.00000	cu.m

RW0046	Supplying/collection and stacking stone aggregate - 50 mm			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.28080	day
	MT0067	Crushed Rock - 50mm	1.00000	cu.m
RW0047	Supplying/collection and stacking stone aggregate - 63 - 40 mm			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.28080	day
	MT0066	Crushed Rock - 63mm	0.35000	cu.m
	MT0067	Crushed Rock - 50mm	0.32500	cu.m
	MT0068	Crushed Rock - 40mm	0.32500	cu.m
RW0048	Supplying/collection and stacking stone aggregate - 20 mm			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.31590	day
	MT0070	Crushed Rock - 20mm	1.00000	cu.m
RW0049	Supplying/collection and stacking stone aggregate - 12 - 6 mm			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.35100	day
	MT0071	Crushed Rock - 12.5 - 6mm	1.00000	cu.m
RW0050	Supplying/collection and stacking stone aggregate - 50 - 20 mm			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.29835	day
	MT0067	Crushed Rock - 50mm	0.30000	cu.m
	MT0068	Crushed Rock - 40mm	0.30000	cu.m
	MT0069	Crushed Rock - 25mm	0.20000	cu.m
	MT0070	Crushed Rock - 20mm	0.20000	cu.m
RW0055	Extraction/collection and stacking at site - Blinding Materials			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.14672	day
	MP0145	Pay Loader (CAT or Equivalent)	0.00410	day
	MP0166	Truck/Tipper (Tata,1210SK32)	0.01200	day
	MT0042	Mud dry	1.00000	cu.m
RW0056	Extraction/collection and stacking at site - Boulder			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0047	Blaster	0.00384	day
	LB0077	Labour	0.07315	day
	MP0145	Pay Loader (CAT or Equivalent)	0.00700	day
	MP0166	Truck/Tipper (Tata,1210SK32)	0.03240	day
	MP0113	Compressor (CPS - 300)	0.03240	day
	MT0020	Superdyne / Gelatine	0.16200	kg
	MT0021	D cord	1.50000	m
	MT0022	Detonator	0.32400	each
	MT0023	Drill rod - 8'	0.00500	each
	MT0041	Royalty for earth, mud, boulder, sand & gravel	0.18200	truck
RW0057	Extraction/collection and stacking at site - Gravel/coarse sand			Coefficient for per cu.m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.23636	day
	MP0145	Pay Loader (CAT or Equivalent)	0.00410	day

MP0166	Truck/Tipper (Tata,1210SK32)	0.03240	day
MT0041	Royalty for earth, mud, boulder, sand & gravel	0.18200	truck

RW0060 Providing and laying Non-woven Geotextile filter on compacted surface that can sustain a load of not less than 10 kN/m with grab tensile strength of more than 0.4kN/m and a minimum tear resistance of 150N excluding earthwork and compaction.

Coefficient for per cu.m

Code	Description	Quant	Units
MT1780	Non-woven geotextile	1.05000	sq.m
LB0077	Labour	0.00415	day

RW0065 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120mm with a minimum of doubly twisted) with GI wire 2.70mm dia including diaphragm, fixing of selvedged wire 3.4 mm dia, binding/lacing wire 2.40 mm dia complete - Height up to 1.00 m

Coefficient for per metre

Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	1.00000	cu.m
LB0077	Labour	0.59600	day
LB0051	Mason Gd. II	0.32598	day
LB0039	Supervisor	0.07670	day
MT0250	Woven GI wire mesh - 2.7mm	5.63000	Sq.m
MT1780	Non Woven Geotextile	1.40000	Sq.m

RW0066 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120mm with a minimum of doubly twisted) with GI wire 2.70mm dia including diaphragm, fixing of selvedged wire 3.4 mm dia, binding/lacing wire 2.40 mm dia complete - Height up to 2.00 m

Coefficient for per metre

Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	2.50000	cu.m
LB0077	Labour	1.21376	day
LB0051	Mason Gd. II	0.66346	day
LB0039	Supervisor	0.07670	day
MT0250	Woven GI wire mesh - 2.7mm	14.63000	Sq.m
MT1780	Non Woven Geotextile	2.80000	Sq.m

RW0067 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120mm with a minimum of doubly twisted) with GI wire 2.70mm dia including diaphragm, fixing of selvedged wire 3.4 mm dia, binding/lacing wire 2.40 mm dia complete - Height up to 3.00 m

Coefficient for per metre

Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	4.50000	cu.m
LB0077	Labour	2.18954	day
LB0051	Mason Gd. II	1.19575	day
LB0039	Supervisor	0.09588	day
MT0250	Woven GI wire mesh - 2.7mm	25.88000	Sq.m
MT1780	Non Woven Geotextile	4.20000	Sq.m

RW0068 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120mm with a minimum of doubly twisted) with GI wire 2.70mm dia including diaphragm, fixing of selvedged wire 3.4 mm dia, binding/lacing wire 2.40 mm dia complete - Height up to 4.00 m

Coefficient for per metre

Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	7.00000	cu.m
LB0077	Labour	3.38153	day
LB0051	Mason Gd. II	1.84770	day
LB0039	Supervisor	0.11505	day
MT0250	Woven GI wire mesh - 2.7mm	40.38000	Sq.m
MT1780	Non Woven Geotextile	5.60000	Sq.m

RW0069 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120mm with a minimum of doubly twisted) with GI wire 2.70mm dia including diaphragm, fixing of selvedged wire 3.4 mm dia, binding/lacing wire 2.40 mm dia complete - Height up to 5.00 m

Coefficient for per metre

Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	10.00000	cu.m
LB0077	Labour	4.95331	day
LB0051	Mason Gd. II	2.70598	day
LB0039	Supervisor	0.11505	day
MT0250	Woven GI wire mesh - 2.7mm	57.01000	Sq.m
MT1780	Non Woven Geotextile	7.00000	Sq.m

RW0070 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120mm with a minimum of doubly twisted) with GI wire 2.70mm dia including diaphragm, fixing of selvedged wire 3.4 mm dia, binding/lacing wire 2.40 mm dia complete - Height up to 6.00 m

Coefficient for per metre

Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	13.50000	cu.m
LB0077	Labour	6.77430	day
LB0051	Mason Gd. II	3.70078	day
LB0039	Supervisor	0.11505	day
MT0250	Woven GI wire mesh - 2.7mm	77.14000	Sq.m
MT1780	Non Woven Geotextile	8.40000	Sq.m

RW0071 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120mm with a minimum of doubly twisted) with GI wire 2.70mm dia including diaphragm, fixing of selvedged wire 3.4 mm dia, binding/lacing wire 2.40 mm dia complete - Height up to 7.00 m

Coefficient for per metre

Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	17.50000	cu.m
LB0077	Labour	8.94208	day
LB0051	Mason Gd. II	4.88502	day
LB0039	Supervisor	0.12272	day
MT0250	Woven GI wire mesh - 2.7mm	100.77000	Sq.m
MT1780	Non Woven Geotextile	9.80000	Sq.m

RW0072 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120mm with a minimum of doubly twisted) with GI wire 2.70mm dia including diaphragm, fixing of selvedged wire 3.4 mm dia, binding/lacing wire 2.40 mm dia complete - Height up to 8.00 m

Coefficient for per metre

Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	22.00000	cu.m
LB0077	Labour	11.21796	day
LB0051	Mason Gd. II	6.12833	day
LB0039	Supervisor	0.13039	day
MT0250	Woven GI wire mesh - 2.7mm	126.52000	Sq.m
MT1780	Non Woven Geotextile	11.20000	Sq.m

RW0073 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120mm with a minimum of doubly twisted) with GI wire 2.70mm dia including diaphragm, fixing of selvedged wire 3.4 mm dia, binding/lacing wire 2.40 mm dia complete -Height up to 9.00 m

Coefficient for per metre

Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	27.00000	cu.m
LB0077	Labour	14.01473	day
LB0051	Mason Gd. II	7.65619	day
LB0039	Supervisor	0.13806	day
MT0250	Woven GI wire mesh - 2.7mm	155.90000	Sq.m
MT1780	Non Woven Geotextile	12.60000	Sq.m

RW0245 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120mm with a minimum of doubly twisted) with GI wire 3 mm(10 swg) dia including diaphragm, fixing of selvedged wire 4.06mm (8 swg) dia, binding/lacing wire 2.64mm (12 swg) dia complete - height up to 1.00 m

Coefficient for per metre

Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	1.00000	cu.m
LB0077	labourer	0.59600	day
LB0051	Mason Gd. II	0.32598	day
LB0039	Supervisor	0.07670	day
MT0251	Woven GI wire mesh - 3mm	5.63000	Sq.m
MT1780	Non Woven Geotextile	1.40000	Sq.m

RW0246 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120 mm with a minimum of doubly twisted) with GI wire 3mm(10 swg) dia including diaphragm, fixing of selvedged wire 4.06mm (8 swg) dia, binding/lacing wire 2.64mm (12 swg) dia complete - Height up to 2.00 m

Coefficient for per metre

Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	2.50000	cu.m
LB0077	labourer	1.21376	day
LB0051	Mason Gd. II	0.66346	day
LB0039	Supervisor	0.07670	day
MT0251	Woven GI wire mesh - 3.25mm	14.63000	Sq.m
MT1780	Non Woven Geotextile	2.80000	Sq.m

RW0247 Construction of gabion wall as per drawing with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120 mm with a minimum of doubly twisted) with GI wire 3mm(10 swg) dia including diaphragm, fixing of selvedged wire 4.06mm (8 swg) dia, binding/lacing wire 2.64mm (12 swg) dia complete - Height up to 3.00 m

Coefficient for per metre

Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	4.50000	cu.m
LB0077	labourer	2.18954	day
LB0051	Mason Gd. II	1.19575	day
LB0039	Supervisor	0.09588	day
MT0251	Woven GI wire mesh - 3mm	25.88000	Sq.m
MT1780	Non Woven Geotextile	4.20000	Sq.m

RW0248 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120 mm with a minimum of doubly twisted) with GI wire 3mm(10 swg) dia including diaphragm, fixing of selvedged wire 4.06mm (8 swg) dia, binding/lacing wire 2.64mm (12 swg) dia complete - Height up to 4.00 m

		Coefficient for per metre	
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	7.00000	cu.m
LB0077	labourer	3.38153	day
LB0051	Mason Gd. II	1.84770	day
LB0039	Supervisor	0.11505	day
MT0251	Woven GI wire mesh - 3mm	40.38000	Sq.m
MT1780	Non Woven Geotextile	5.60000	Sq.m

RW0249 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120 mm with a minimum of doubly twisted) with GI wire 3mm(10 swg) dia including diaphragm, fixing of selvedged wire 4.06mm (8 swg) dia, binding/lacing wire 2.64mm (12 swg) dia complete - Height up to 5.00 m

		Coefficient for per metre	
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	10.00000	cu.m
LB0077	labourer	4.95331	day
LB0051	Mason Gd. II	2.70598	day
LB0039	Supervisor	0.11505	day
MT0251	Woven GI wire mesh - 3mm	57.01000	Sq.m
MT1780	Non Woven Geotextile	7.00000	Sq.m

RW0250 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120 mm with a minimum of doubly twisted) with GI wire 3mm(10 swg) dia including diaphragm, fixing of selvedged wire 4.06mm (8 swg) dia, binding/lacing wire 2.64mm (12 swg) dia complete - Height up to 6.00 m

		Coefficient for per metre	
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	13.50000	cu.m
LB0077	labourer	6.77430	day
LB0051	Mason Gd. II	3.70078	day
LB0039	Supervisor	0.11505	day
MT0251	Woven GI wire mesh - 3mm	77.14000	Sq.m
MT1780	Non Woven Geotextile	8.40000	Sq.m

RW0251 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120 mm with a minimum of doubly twisted) with GI wire 3mm(10 swg) dia including diaphragm, fixing of selvedged wire 4.06mm (8 swg) dia, binding/lacing wire 2.64mm (12 swg) dia complete - Height up to 7.00 m

		Coefficient for per metre	
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	17.50000	cu.m
LB0077	labourer	8.94208	day
LB0051	Mason Gd. II	4.88502	day
LB0039	Supervisor	0.12272	day
MT0256	G.I wire (assorted diameters)	100.77000	kgs
MT1780	Non Woven Geotextile	9.80000	Sq.m

RW0252 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120mm with a minimum of doubly twisted) with GI wire 3mm(10 swg) dia including diaphragm, fixing of selvedged wire 4.06mm (8 swg) dia, binding/lacing wire 2.64mm (12 swg) dia complete - Height up to 8.00 m

		Coefficient for per metre	
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	22.00000	cu.m
LB0077	labourer	11.21796	day
LB0051	Mason Gd. II	6.12833	day
LB0039	Supervisor	0.13039	day

MT0251	Woven GI wire mesh - 3mm	126.52000	Sq.m
MT1780	Non Woven Geotextile	11.20000	Sq.m

RW0253 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of machine woven gabion mesh (Hexagonal mesh of size 100mm x 120mm with a minimum of doubly twisted) with GI wire 3mm(10 swg) dia including diaphragm, fixing of selvedged wire 4.06mm (8 swg) dia, binding/lacing wire 2.64mm (12 swg) dia complete - Height up to 9.00 m

Coefficient for per metre			
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	27.00000	cu.m
LB0077	labourer	14.01473	day
LB0051	Mason Gd. II	7.65619	day
LB0039	Supervisor	0.13806	day
MT0251	Woven GI wire mesh - 3mm	155.90000	Sq.m
MT1780	Non Woven Geotextile	12.60000	Sq.m

RW0270 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of welded wire gabion mesh conforming IS 16013 (50mm x 100mm) with GI wire 4mm dia including diaphragm, fixing of Spiral wire 3mm (minimum) dia, stiffner wire 4 mm (minimum) dia, lacing wire 3 mm (minimum) dia complete - Height upto 1.00 m

Coefficient for per metre			
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	1.00000	cu.m
LB0077	Labour	0.59600	day
LB0051	Mason Gd. II	0.32598	day
LB0039	Supervisor	0.07670	day
MT0252	welded GI wire mesh 4mm	5.88000	Sq.m
MT1780	Non Woven Geotextile	1.40000	Sq.m

RW0271 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of welded wire gabion mesh conforming IS 16013 (50mm x 100mm) with GI wire 4mm dia including diaphragm, fixing of Spiral wire 3mm (minimum) dia, stiffner wire 4 mm (minimum) dia, lacing wire 3 mm (minimum) dia complete - Height upto 2.00 m

Coefficient for per metre			
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	2.50000	cu.m
LB0077	Labour	1.21376	day
LB0051	Mason Gd. II	0.66346	day
LB0039	Supervisor	0.07670	day
MT0252	welded GI wire mesh 4mm	14.88000	Sq.m
MT1780	Non Woven Geotextile	2.80000	Sq.m

RW0272 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of welded wire gabion mesh conforming IS 16013 (50mm x 100mm) with GI wire 4mm dia including diaphragm, fixing of Spiral wire 3mm (minimum) dia, stiffner wire 4 mm (minimum) dia, lacing wire 3 mm (minimum) dia complete - Height upto 3.00 m

Coefficient for per metre			
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	4.50000	cu.m
LB0077	Labour	2.18954	day
LB0051	Mason Gd. II	1.19575	day
LB0039	Supervisor	0.09588	day
MT0252	welded GI wire mesh 4mm	26.63000	Sq.m
MT1780	Non Woven Geotextile	4.20000	Sq.m

RW0273 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of welded wire gabion mesh conforming IS 16013 (50mm x 100mm) with GI wire 4mm dia including diaphragm, fixing of Spiral wire 3mm (minimum) dia, stiffner wire 4 mm (minimum) dia, lacing wire 3 mm (minimum) dia complete - Height upto 4.00 m

Coefficient for per metre			
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	7.00000	cu.m
LB0077	Labour	3.38153	day
LB0051	Mason Gd. II	1.84770	day

LB0039	Supervisor	0.11505	day
MT0252	welded GI wire mesh 4mm	41.63000	Sq.m
MT1780	Non Woven Geotextile	5.60000	Sq.m

RW0274 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of welded wire gabion mesh conforming IS 16013 (50mm x 100mm) with GI wire 4mm dia including diaphragm, fixing of Spiral wire 3mm (minimum) dia, stiffner wire 4 mm (minimum) dia, lacing wire 3 mm (minimum) dia complete - Height upto 5.00 m

		Coefficient for per metre	
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	10.00000	cu.m
LB0077	Labour	4.95331	day
LB0051	Mason Gd. II	2.70598	day
LB0039	Supervisor	0.11505	day
MT0252	welded GI wire mesh 4mm	58.51000	Sq.m
MT1780	Non Woven Geotextile	7.00000	Sq.m

RW0275 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of welded wire gabion mesh conforming IS 16013 (50mm x 100mm) with GI wire 4mm dia including diaphragm, fixing of Spiral wire 3mm (minimum) dia, stiffner wire 4 mm (minimum) dia, lacing wire 3 mm (minimum) dia complete - Height upto 6.00 m

		Coefficient for per metre	
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	13.50000	cu.m
LB0077	Labour	6.77430	day
LB0051	Mason Gd. II	3.70078	day
LB0039	Supervisor	0.11505	day
MT0252	welded GI wire mesh 4mm	79.39000	Sq.m
MT1780	Non Woven Geotextile	8.40000	Sq.m

RW0276 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of welded wire gabion mesh conforming IS 16013 (50mm x 100mm) with GI wire 4mm dia including diaphragm, fixing of Spiral wire 3mm (minimum) dia, stiffner wire 4 mm (minimum) dia, lacing wire 3 mm (minimum) dia complete - Height upto 7.00 m

		Coefficient for per metre	
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	17.50000	cu.m
LB0077	Labour	8.94208	day
LB0051	Mason Gd. II	4.88502	day
LB0039	Supervisor	0.12272	day
MT0252	welded GI wire mesh 4mm	103.27000	Sq.m
MT1780	Non Woven Geotextile	9.80000	Sq.m

RW0277 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of welded wire gabion mesh conforming IS 16013 (50mm x 100mm) with GI wire 4mm dia including diaphragm, fixing of Spiral wire 3mm (minimum) dia, stiffner wire 4 mm (minimum) dia, lacing wire 3 mm (minimum) dia complete - Height upto 8.00 m

		Coefficient for per metre	
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	22.00000	cu.m
LB0077	Labour	11.21796	day
LB0051	Mason Gd. II	6.12833	day
LB0039	Supervisor	0.13039	day
MT0252	welded GI wire mesh 4mm	130.02000	Sq.m
MT1780	Non Woven Geotextile	11.20000	Sq.m

RW0278 Construction of gabion wall as per drawings with dry stone masonry (hammer dressed facing) including excavation of foundation in all types of soils, sides and backfilling, delivery of welded wire gabion mesh conforming IS 16013 (50mm x 100mm) with GI wire 4mm dia including diaphragm, fixing of Spiral wire 3mm (minimum) dia, stiffner wire 4 mm (minimum) dia, lacing wire 3 mm (minimum) dia complete - Height upto 9.00 m

		Coefficient for per metre	
Code	Description	Coefficient	Units
SM0051	Dry hand packed rubble masonry hammer	27.00000	cu.m
LB0077	Labour	14.01473	day

LB0051	Mason Gd. II	7.65619	day
LB0039	Supervisor	0.13806	day
MT0252	welded GI wire mesh 4mm	160.02000	Sq.m
MT1780	Non Woven Geotextile	12.60000	Sq.m

RW0075 Providing and Construction of light timber crib walls with timber section of 100 to 150 mm diameter including backfilling with suitable materials, ramming/compacting complete

Coefficient for per Sq.m

Code	Description	Coefficient	Units
EW0195	Filling of trenches, sides of foundations etc. in layers < 200mm using selected excavated earth,	1.15050	cu.m
LB0077	Labour	0.29252	day
LB0033	Carpenter Gd. II	0.06366	day
LB0039	Work Supervisor - Lajab	0.02531	day
MT0208	Thermo - Mechanically Treated (TMT) bars	1.44000	Kg
MT0325	Timber ballies 100 to 150 mm dia	21.24100	m

RW0076 Providing and Construction of heavy timber crib walls with timber section of 250 to 300 mm diameter including backfilling with suitable materials, ramming/compacting complete

Coefficient for per Sq.m

Code	Description	Coefficient	Units
EW0195	Filling of trenches, sides of foundations etc. in	2.30100	cu.m
LB0077	Labour	0.46508	day
LB0033	Carpenter Gd. I	0.09588	day
LB0039	Supervisor	0.03835	day
MT0208	Thermo - Mechanically Treated (TMT) bars	2.98625	Kg
MT0326	Timber ballies 250 to 300 mm dia	6.62300	m

RW0081 Providing and constructing boulder barriers with maximum inclination of 20 deg. to the road alignment within 50 m lead

Coefficient for per cubic

Code	Description	Coefficient	Units
LB0077	Labour	0.15600	day
LB0039	Work Supervisor (Lajab)	0.02841	day
LB0036	Mason - Gd 1	0.02841	day
MT0060	Boulders	1.00000	cu.m

RW0095 Construction of French Drain (Size = 600 mm & 1000 mm deep), including clearing jungle, earthwork in excavation in trenches (all types of soil), levelling the excavated earth, filling the trench with stone 50 to 100 mm size complete as per drawing

Coefficient for per metre

Code	Description	Coefficient	Units
CG0002	Jungle clearance	0.76700	sq.m
EW0106	Earthwork in Foundation Trenches - All types of	0.53690	cu.m
RW0045	Supplying/Collection and Stacking stone	0.49663	cu.m
LB0077	Labour	0.48649	day

RW0096 Construction of French Drain (Size = 1000 mm & 1500 mm deep), including clearing jungle, earthwork in excavation in trenches (all types of soil), levelling the excavated earth, filling the trench with stone 50 to 100 mm size complete as per drawing

Coefficient for per metre

Code	Description	Coefficient	Units
CG0002	Jungle clearance	1.15050	sq.m
EW0106	Earthwork in Foundation Trenches - All types of	1.26555	cu.m
RW0045	Supplying/Collection and Stacking stone	1.17067	cu.m
LB0077	Labour	0.48649	day

RW0100 Construction of Foundation Drain (minimum size = 200 mm wide & 250 mm deep), including clearing jungle, earthwork in excavation in trenches (all types of soil), levelling the excavated earth, filling the trench with stone 50 to 100 mm size complete as per drawing

Coefficient for per metre

Code	Description	Coefficient	Units
EW0106	Earthwork in Foundation Trenches - All types of	0.03835	cu.m

RW0045	Supplying/Collection and Stacking stone	0.03551	cu.m
LB0077	Labour	0.48649	day
RW0105	Construction of V-shaped dry stone pitched drain (finished size = 600 mm wide X 300 mm deep) including excavation, levelling and disposal of surplus excavated earth within 50 m		
		Coefficient for per metre	
Code	Description	Coefficient	Units
EW0106	Earthwork in foundation trenches - All types of	0.15340	cu.m
SM0072	Providing and Laying hand packed stone filling	0.09204	cu.m
SM0050	Dry hand packed rubble masonry with stone	0.07670	cu.m
RW0106	Construction of V-shaped drain with stone dry pitch, bedding of stone to the profile as per standard design - 450mm wide x 300mm deep, including disposal of rubbish within 50m lead		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03221	day
LB0051	Mason Gd.2	0.03221	day
LB0077	Labour	0.17572	day
MT0060	Boulder	0.10000	cu.m
RW0107	Construction of V-shaped dry earthen drain (finished size = 600 mm wide X 500 mm deep) including excavation, levelling and disposal of surplus excavated earth within 50 m		
		Coefficient for per metre	
Code	Description	Coefficient	Units
EW0106	Earthwork in foundation trenches - All types of	0.11505	cu.m
RW0108	Construction of lined V-shaped drain (finished size = 600 mm wide & 300 mm deep) with 50mm thick PCC 1:2:4, 150 mm thick stone soling, RRM in CM 1:5 on sides, finished with 20 mm thick, 1:4 cement plaster including excavation, levelling and disposal of surplus earth within 50m		
		Coefficient for per metre	
Code	Description	Coefficient	Units
EW0106	Earthwork in foundation trenches	0.15340	cu.m
SM0072	Providing and Laying hand packed stone filling	0.09204	cu.m
SM0006	Providing and Laying Random Rubble Masonry	0.07670	cu.m
CW0003	Providing and Laying Plain Cement Concrete	0.03068	cu.m
PL0041	Providing and Laying Cement Plaster 20 mm	0.23010	sq.m
RW0120	Providing and laying Hammer dressed stone edging 150 x 250 mm with stones including excavation, refilling and disposal of surplus earth within 30 m lead		
		Coefficient for per m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.02531	day
LB0051	Mason Gd.2	0.01304	day
LB0077	labourer	0.06950	day
MT0060	Boulder	0.04600	cu.m
RW0121	Preparation of sub grade with proper camber by excavating earth to depth equal to pavement thickness, consolidation with roller, disposal of surplus earth up to 50m - All types of soil		
		Coefficient for per cu.m	
Code	Description	Coefficient	Units
LB0077	Labour	0.08264	day
MP0152	Roller, CAT -CS551	0.00240	day
RW0122	Preparation of sub grade with proper camber by excavating earth to depth equal to pavement thickness, consolidation with roller, disposal of surplus earth up to 50m - Blasted Rock		
		Coefficient for per cu.m	
Code	Description	Coefficient	Units
LB0077	Labour	0.33788	day
MP0152	Roller, CAT -CS551	0.00240	day

RW0123	Consolidation of sub-grade with roller, and making good the undulation with earth and re-rolling the sub grade		
			Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0077	Labour	0.00038
	MP0152	Roller, CAT -CS551	0.00054
			Units
			day
			day
RW0124	Extra for compaction of earth in embankments under suitable moisture conditions to give at least 95% of the proctor density		
			Coefficient for per cu.m
	Code	Description	Coefficient
	LB0077	Labour	0.01530
	MP0152	Roller, CAT -CS551	0.00080
			Units
			day
			day
RW0130	Providing and laying Granular sub-base course (GSB) to required degree of compaction with proper formation of cross fall using motor grader for laying and compacted to required density as per material gradation and aggregate quality specified		
			Coefficient for per cu.m
	Code	Description	Coefficient
	LB0077	Labour	0.07281
	MP0145	Pay Loader (CAT or Equivalent)	0.00741
	MP0170	Tanker (TATA)	0.00741
	MP0165	TATA tipper 1612SE	0.04444
	MP0152	Roller, CAT - CS551	0.00741
	MP0111	Concrete Mixer (7/5 cu.ft)	0.05000
	MP0140	Motor Grader (CAT - 130G)	0.00741
	MT0080	Aggregates, 40mm - 20 mm	0.18000
	MT0081	Aggregates, 20mm to 10mm	0.66000
	MT0043	sand	0.36000
			Units
			day
			day
			day
			day
			day
			day
			day
			cu.m
			cu.m
			cu.m
RW0131	Providing and laying wet mix macadam graded aggregate base course to required degree of compaction with proper formation of cross fall by using well graded crushed aggregates premixed with OMC using suitable mixer. motor grader as per material gradation and aggregate quality specified		
			Coefficient for per cu.m
	Code	Description	Coefficient
	LB0077	Labour	0.07281
	MP0145	Pay Loader (CAT or Equivalent)	0.00741
	MP0170	Tanker (TATA)	0.00741
	MP0165	TATA tipper 1612SE	0.04444
	MP0140	Motor Grader (CAT - 130G)	0.00741
	MP0111	Concrete Mixer (7/5 cu.ft)	0.05000
	MP0152	Roller, CAT - CS551	0.05000
	MT0080	Aggregates, 40mm - 20 mm	0.40000
	MT0071	Crushed rock , 12.5 - 6 mm	0.50000
	MT0043	sand	0.10000
			Units
			day
			day
			day
			day
			day
			day
			day
			cu.m
			cu.m
			cu.m
RW0280	Providing and applying prime coat using bitumen emulsion conforming to IS:8887, using asphalt/bitumen sprayer including preparing the surface and cleaning with road broom. On W.M.M @0.75kg/sq.m		
			Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0077	labourer	0.00173
	MP0153	Road Broom (TD -96)	0.00007
	MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00045
	MP0101	Air compresor (CPS-325)	0.00007
	MT0002	Bitumen emulsion	0.00075
			Units
			day
			day
			day
			day
			MT
RW0281	Providing and applying prime coat using bitumen emulsion conforming to IS:8887, using asphalt/bitumen sprayer including preparing the surface and cleaning with road broom. On W.B.M @0.4kg/sq.m		
			Coefficient for per Sq.m
	Code	Description	Coefficient
	LB0077	labourer	0.00173
	MP0153	Road Broom (TD -96)	0.00007
	MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00045
	MP0101	Air compresor (CPS-325)	0.00007
	MT0002	Bitumen emulsion	0.00040
			Units
			day
			day
			day
			day
			MT

RW0282 Providing and applying tack coat using bitumen emulsion conforming to IS:8887, using asphalt/bitumen sprayer including preparing the surface and cleaning with road broom. On DBM/Prime coat @0.3kg/sq.m
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	labourer	0.00173	day
MP0153	Road Broom (TD -96)	0.00007	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00045	day
MP0101	Air compresor (CPS-325)	0.00007	day
MT0002	Bitumen emulsion	0.00030	MT

RW0283 Providing and applying tack coat using bitumen emulsion conforming to IS:8887, using asphalt/bitumen sprayer including preparing the surface and cleaning with road broom. On old bituminous surface (resurfacing work) @0.75kg/sq.m
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	labourer	0.00173	day
MP0153	Road Broom (TD -96)	0.00007	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00045	day
MP0101	Air compresor (CPS-325)	0.00007	day
MT0002	Bitumen emulsion	0.00075	MT

RW0284 Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, including preparing the
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	labourer	0.02000	day
MT0002	Bitumen emulsion	0.00100	MT

RW0132 Providing and Laying Dense Bituminous Macadam (DBM) to required degree of compaction based on job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified complete - 50mm Thick
Coefficient for sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.03421	day
MP0167	Tractor with trailer, Toyota	0.00007	day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00062	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00165	day
MP0102	Asphalt Paver	0.00014	day
MP0151	Road Roller (SV91, Sakai)	0.00045	day
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0001	Bitumen VG - 10	0.00660	MT
MT0070	Crushed rock, 20 mm	0.01602	cu.m
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.01602	cu.m
MT0043	sand	0.02136	cu.m

RW0133 Providing and Laying Dense Bituminous Macadam (DBM) to required degree of compaction based on job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified complete - 60mm Thick
Coefficient for sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.03421	day
MP0167	Tractor with trailer, Toyota	0.00007	day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00062	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00200	day
MP0102	Asphalt Paver	0.00014	day
MP0151	Road Roller (SV91, Sakai)	0.00045	day
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0001	Bitumen VG - 10	0.00792	MT
MT0070	Crushed rock, 20 mm	0.01922	cu.m
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.01922	cu.m
MT0043	sand	0.02563	cu.m

RW0134 Providing and Laying Dense Bituminous Macadam (DBM) to required degree of compaction based on job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified complete - 70mm Thick

Coefficient for sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.03421	day
MP0167	Tractor with trailer, Toyota	0.00007	day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00062	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00231	day
MP0102	Asphalt Paver	0.00014	day
MP0151	Road Roller (SV91, Sakai)	0.00045	day
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0001	Bitumen VG - 10	0.00924	MT
MT0070	Crushed rock, 20 mm	0.02243	cu.m
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.02243	cu.m
MT0043	sand	0.02990	cu.m

RW0135 Providing and Laying Dense Bituminous Macadam (DBM) to required degree of compaction based on job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified complete - 75mm Thick

Coefficient for sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.03421	day
MP0167	Tractor with trailer, Toyota	0.00007	day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00062	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00248	day
MP0102	Asphalt Paver	0.00014	day
MP0151	Road Roller (SV91, Sakai)	0.00045	day
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0001	Bitumen VG - 10	0.00990	MT
MT0070	Crushed rock, 20 mm	0.02403	cu.m
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.02403	cu.m
MT0043	sand	0.03204	cu.m

RW0136 Providing and Laying Dense Bituminous Macadam (DBM) to required degree of compaction based on job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified complete - 80mm Thick

Coefficient for sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.03421	day
MP0167	Tractor with trailer, Toyota	0.00007	day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00062	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00264	day
MP0102	Asphalt Paver	0.00014	day
MP0151	Road Roller (SV91, Sakai)	0.00045	day
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0001	Bitumen VG - 10	0.01056	MT
MT0070	Crushed rock, 20 mm	0.02563	cu.m
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.02563	cu.m
MT0043	sand	0.03418	cu.m

RW0400 Providing and Laying Dense Bituminous Macadam (DBM) to required degree of compaction based on job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG20/VG30 complete - 50mm Thick **Coefficient for sq.m**

Code	Description	Coefficient	Units
LB0077	labourer	0.03421	day
MP0167	Tractor with trailer, Toyota	0.00007	Day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00062	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00165	day
MP0102	Asphalt Paver	0.00014	day
mp0151	Road Roller (SV91, Sakai)	0.00045	day
mp0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
mp0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0004	Bitumen VG - 10	0.00660	MT
MT0070	Crushed rock, 20 mm	0.01602	cu.m
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10 m	0.01602	cu.m
MT0043	sand	0.02136	cu.m

RW0401 Providing and Laying Dense Bituminous Macadam (DBM) to required degree of compaction based on job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG20/VG30 complete - 60mm Thick **Coefficient for sq.m**

Code	Description	Coefficient	Units
LB0077	labourer	0.03421	day
MP0167	Tractor with trailer, Toyota	0.00007	Day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00062	day
mp0160	Spot Mix Plant, 10/16 TPH	0.00200	day
MP0102	Asphalt Paver	0.00014	day
mp0151	Road Roller (SV91, Sakai)	0.00045	day
mp0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
mp0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0004	Bitumen VG -20 / VG 30	0.00792	MT
MT0070	Crushed rock, 20 mm	0.01922	cu.m
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10 m	0.01922	cu.m
MT0043	sand	0.02563	cu.m

RW0402 Providing and Laying Dense Bituminous Macadam (DBM) to required degree of compaction based on job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG20/VG30 complete - 70mm Thick **Coefficient for sq.m**

Code	Description	Coefficient	Units
LB0077	labourer	0.03421	day
MP0167	Tractor with trailer, Toyota	0.00007	Day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00062	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00231	day
MP0102	Asphalt Paver	0.00014	day
mp0151	Road Roller (SV91, Sakai)	0.00045	day
mp0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
mp0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0004	Bitumen VG -20 / VG 30	0.00924	MT
MT0070	Crushed rock, 20 mm	0.02243	cu.m
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10 m	0.02243	cu.m
MT0043	sand	0.02990	cu.m

RW0403 Providing and Laying Dense Bituminous Macadam (DBM) to required degree of compaction based on job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG20/VG30 complete - 75mm Thick **Coefficient for sq.m**

Code	Description	Coefficient	Units
LB0077	labourer	0.03421	day
MP0167	Tractor with trailer, Toyota	0.00007	Day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00062	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00248	day

MP0102	Asphalt Paver	0.00014	day
mp0151	Road Roller (SV91, Sakai)	0.00045	day
mp0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
mp0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0004	Bitumen VG -20 / VG 30	0.00990	MT
MT0070	Crushed rock, 20 mm	0.02403	cu.m
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10 m	0.02403	cu.m
MT0043	sand	0.03204	cu.m

RW0404 Providing and Laying Dense Bituminous Macadam (DBM) to required degree of compaction based on job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG20/VG30 complete - 80mm Thick

Code	Description	Coefficient	Units
LB0077	labourer	0.03421	day
MP0167	Tractor with trailer, Toyota	0.00007	Day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00062	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00264	day
MP0102	Asphalt Paver	0.00014	day
mp0151	Road Roller (SV91, Sakai)	0.00045	day
mp0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
mp0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0004	Bitumen VG -20 / VG 30	0.01056	MT
MT0070	Crushed rock, 20 mm	0.02563	cu.m
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10 m	0.02563	cu.m
MT0043	sand	0.03418	cu.m

RW0139 Providing and Laying Asphalt/Bituminous Concrete to required degree of compaction based on the job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG 10 complete. : 25mm Thick

Code	Description	Coefficient	Units
LB0077	Labour	0.00586	day
MP0167	Tractor with trailer, Toyota	0.00007	day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00083	day
MP0102	Asphalt Paver	0.00014	day
MP0151	Road Roller (SV91, Sakai)	0.00045	day
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0001	Bitumen VG - 10	0.00351	MT
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.01302	cu.m
MT0043	sand	0.01302	cu.m

RW0140 Providing and Laying Asphalt/Bituminous Concrete to required degree of compaction based on the job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG 10 complete. : 30mm

Code	Description	Coefficient	Units
LB0077	Labour	0.00662	day
MP0167	Tractor with trailer, Toyota	0.00007	day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00099	day
MP0102	Asphalt Paver	0.00014	day
MP0151	Road Roller (SV91, Sakai)	0.00045	day
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0001	Bitumen VG - 10	0.00430	MT
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.01562	cu.m
MT0043	sand	0.01562	cu.m

RW0141 Providing and Laying Asphalt/Bituminous Concrete to required degree of compaction based on the job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG 10 complete. : 35mm

Coefficient for sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00747	day
MP0167	Tractor with trailer, Toyota	0.00007	day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00116	day
MP0102	Asphalt Paver	0.00014	day
MP0151	Road Roller (SV91, Sakai)	0.00045	day
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0001	Bitumen VG - 10	0.00509	MT
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.01823	cu.m
MT0043	sand	0.01823	cu.m

RW0142 Providing and Laying Asphalt/Bituminous Concrete to required degree of compaction based on the job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG 10 complete. : 40mm

Coefficient for sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00832	day
MP0167	Tractor with trailer, Toyota	0.00007	day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00130	day
MP0102	Asphalt Paver	0.00014	day
MP0151	Road Roller (SV91, Sakai)	0.00045	day
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0001	Bitumen VG - 10	0.00588	MT
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.02083	cu.m
MT0043	sand	0.02083	cu.m

RW0143 Providing and Laying Asphalt/Bituminous Concrete to required degree of compaction based on the job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG 10 complete. : 50mm

Coefficient for sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.01001	day
MP0167	Tractor with trailer, Toyota	0.00007	day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00161	day
MP0102	Asphalt Paver	0.00014	day
MP0151	Road Roller (SV91, Sakai)	0.00045	day
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0001	Bitumen VG - 10	0.00746	MT
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.02604	cu.m
MT0043	sand	0.02604	cu.m

RW0410 Providing and Laying Asphalt/Bituminous Concrete to required degree of compaction based on the job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG20 / VG30 complete. : 25 mm Thick

Coefficient for sq.m

Code	Description	Coefficient	Units
LB0077	labourer	0.00586	day
MP0167	Tractor with trailer, Toyota	0.00007	Day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00083	day

MP0102	Asphalt Paver	0.00014	day
mp0151	Road Roller (SV91, Sakai)	0.00045	day
mp0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
mp0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0004	Bitumen VG 20 / VG 30	0.00351	MT
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10 m	0.01302	cu.m
MT0043	sand	0.01302	cu.m

RW0411 Providing and Laying Asphalt/Bituminous Concrete to required degree of compaction based on the job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG20 / VG30 complete. : 30 mm Thick

Code	Description	Coefficient	Units
LB0077	labourer	0.00662	day
MP0167	Tractor with trailer, Toyota	0.00007	Day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00099	day
MP0102	Asphalt Paver	0.00014	day
mp0151	Road Roller (SV91, Sakai)	0.00045	day
mp0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
mp0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0004	Bitumen VG 20 / VG 30	0.00430	MT
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10 m	0.01562	cu.m
MT0043	sand	0.01562	cu.m

RW0412 Providing and Laying Asphalt/Bituminous Concrete to required degree of compaction based on the job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG20 / VG30 complete. : 35 mm Thick

Code	Description	Coefficient	Units
LB0077	labourer	0.00747	day
MP0167	Tractor with trailer, Toyota	0.00007	Day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00116	day
MP0102	Asphalt Paver	0.00014	day
mp0151	Road Roller (SV91, Sakai)	0.00045	day
mp0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
mp0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0004	Bitumen VG 20 / VG 30	0.00509	MT
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10 m	0.01823	cu.m
MT0043	sand	0.01823	cu.m

RW0413 Providing and Laying Asphalt/Bituminous Concrete to required degree of compaction based on the job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG20 / VG30 complete. : 40 mm Thick

Code	Description	Coefficient	Units
LB0077	labourer	0.00832	day
MP0167	Tractor with trailer, Toyota	0.00007	Day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00130	day
MP0102	Asphalt Paver	0.00014	day
mp0151	Road Roller (SV91, Sakai)	0.00045	day
mp0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
mp0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0004	Bitumen VG 20 / VG 30	0.00588	MT
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10 m	0.02083	cu.m
MT0043	sand	0.02083	cu.m

RW0414 Providing and Laying Asphalt/Bituminous Concrete to required degree of compaction based on the job mixture design (job mix formula) approved by the supervising engineer, by mechanized method as per material gradation and materials quality specified using VG20 / VG30 complete. : 50 mm Thick

			Coefficient for sq.m	
Code	Description	Coefficient	Units	
LB0077	Labour	0.01001	day	
MP0167	Tractor with trailer, Toyota	0.00007	Day	
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day	
MP0160	Spot Mix Plant, 10/16 TPH	0.00161	day	
MP0102	Asphalt Paver	0.00014	day	
MP0151	Road Roller (SV91, Sakai)	0.00045	day	
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day	
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day	
MP0165	TATA tipper 1612SE	0.00180	day	
MP0110	Compactor, plate type	0.00330	day	
MT0004	Bitumen VG 20 / VG 30	0.00746	MT	
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10 m	0.02604	cu.m	
MT0043	sand	0.02604	cu.m	

RW0290 Providing and Laying Asphalt/Bituminous Concrete with (6 to 8%) shredded plastic to required degree of compaction based on the job mixture design approved by the supervising engineer using asphalt plant, paver, steel roller, tyre roller etc. as per material gradation and aggregate quality specified : 25mm

			Coefficient for sq.m	
Code	Description	Coefficient	Units	
LB0077	Labour	0.00586	day	
MP0167	Tractor with trailer, Toyota	0.00007	day	
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day	
MP0160	Spot Mix Plant, 10/16 TPH	0.00083	day	
MP0102	Asphalt Paver	0.00014	day	
MP0151	Road Roller (SV91, Sakai)	0.00045	day	
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day	
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day	
MP0165	TATA tipper 1612SE	0.00180	day	
MP0110	Compactor, plate type	0.00330	day	
MT0001	Bitumen VG - 10	0.00351	MT	
MT0003	Shredded Plastic	0.00028	MT	
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.01302	cu.m	
MT0043	sand	0.01302	cu.m	

RW0291 Providing and Laying Asphalt/Bituminous Concrete with (6 to 8%) shredded plastic to required degree of compaction based on the job mixture design approved by the supervising engineer using asphalt plant, paver, steel roller, tyre roller etc. as per material gradation and aggregate quality specified : 30mm

			Coefficient for sq.m	
Code	Description	Coefficient	Units	
LB0077	Labour	0.00662	day	
MP0167	Tractor with trailer, Toyota	0.00007	day	
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day	
MP0160	Spot Mix Plant, 10/16 TPH	0.00099	day	
MP0102	Asphalt Paver	0.00014	day	
MP0151	Road Roller (SV91, Sakai)	0.00045	day	
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day	
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day	
MP0165	TATA tipper 1612SE	0.00180	day	
MP0110	Compactor, plate type	0.00330	day	
MT0001	Bitumen VG - 10	0.00430	MT	
MT0003	Shredded Plastic	0.00034	MT	
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.01562	cu.m	
MT0043	sand	0.01562	cu.m	

RW0292 Providing and Laying Asphalt/Bituminous Concrete with (6 to 8%) shredded plastic to required degree of compaction based on the job mixture design approved by the supervising engineer using asphalt plant, paver, steel roller, tyre roller etc. as per material gradation and aggregate quality specified : 35mm

Coefficient for sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00747	day
MP0167	Tractor with trailer, Toyota	0.00007	day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00116	day
MP0102	Asphalt Paver	0.00014	day
MP0151	Road Roller (SV91, Sakai)	0.00045	day
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0001	Bitumen VG - 10	0.00509	MT
MT0003	Shredded Plastic	0.00041	MT
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.01823	cu.m
MT0043	sand	0.01823	cu.m

RW0293 Providing and Laying Asphalt/Bituminous Concrete with (6 to 8%) shredded plastic to required degree of compaction based on the job mixture design approved by the supervising engineer using asphalt plant, paver, steel roller, tyre roller etc. as per material gradation and aggregate quality specified : 40mm

Coefficient for sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00832	day
MP0167	Tractor with trailer, Toyota	0.00007	day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00130	day
MP0102	Asphalt Paver	0.00014	day
MP0151	Road Roller (SV91, Sakai)	0.00045	day
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0001	Bitumen VG - 10	0.00588	MT
MT0003	Shredded Plastic	0.00047	MT
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.02083	cu.m
MT0043	sand	0.02083	cu.m

RW0294 Providing and Laying Asphalt/Bituminous Concrete with (6 to 8%) shredded plastic to required degree of compaction based on the job mixture design approved by the supervising engineer using asphalt plant, paver, steel roller, tyre roller etc. as per material gradation and aggregate quality specified : 50mm

Coefficient for sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.01001	day
MP0167	Tractor with trailer, Toyota	0.00007	day
MP0103	Asphalt/Bitumen Heating kettle, India make	0.00044	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00161	day
MP0102	Asphalt Paver	0.00014	day
MP0151	Road Roller (SV91, Sakai)	0.00045	day
MP0150	Road Roller (Pneumatic tyre), TS - 300	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0165	TATA tipper 1612SE	0.00180	day
MP0110	Compactor, plate type	0.00330	day
MT0001	Bitumen VG - 10	0.00746	MT
MT0003	Shredded Plastic	0.00060	MT
MT0071	Crushed rock , 12.5 mm to 6mm (preferably 10	0.02604	cu.m
MT0043	sand	0.02604	cu.m

RW0145 Scarifying metalled (water bound) road surface disposal of rubbish up to 50m and consolidation of the aggregate received from scarifying

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.02263	day

MP0152 Roller, CAT -CS551 0.00183 day

RW0146 Cutting and repairing of roads, including supply of required Coefficient ities of aggregates complete - Water bound macadam road

Coefficient for per Cu.m

Code	Description	Coefficient	Units
LB0077	Labour	8.92116	day
MP0145	Pay Loader (CAT or Equivalent)	0.00100	day
MP0166	Truck/Tipper (Tata,1210SK32)	0.00300	day
MT0042	Mud dry	0.10000	cu.m
MT0080	Crushed Rock , 40mm - 20 mm	0.40000	cu.m
MT0071	Crushed Rock , 12.5mm - 6 mm	0.50000	cu.m

RW0147 Laying wearing course including screening, sorting, spreading to template and consolidation (measurement of wearing course to be taken equal to the Coefficient ity of aggregate used, excluding blinding materials) - With stone aggregates and blinding materials

Coefficient for per cu.m

Code	Description	Coefficient	Units
LB0077	Labour	0.71815	day
MP0152	Roller, CAT -CS551	0.03300	day

RW0150 Cutting & repairing bituminous road including supply of required Coefficient ity of aggregate & bitumen emulsion - Manually

Coefficient for per Cu.m

Code	Description	Coefficient	Units
LB0077	Labour	37.90800	day
MP0152	Roller, CAT -CS551	0.12000	day
MT0002	Bitumen Emulsion	0.19800	tonne
MT0043	Sand	0.48000	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.66000	cu.m

RW0152 Painting two coats with bitumen emulsion (coat 1 - 12 kg emulsion and 0.1 cu.m, 12 mm aggregates per 10 sq.m, coat 2 - 16 kg emulsion 0.06 cu.m, 10 mm aggregates per 10 sq.m) complete - Mechanized

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00225	day
MP0152	Roller, CAT -CS551	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00068	day
MP0166	Truck/Tipper (Tata,1210SK32)	0.00136	day
MP0153	Road Broom (TD - 96)	0.00023	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00045	day
MT0002	Bitumen Emulsion	0.00280	tonne
MT0071	Crushed Rock - 12.5 - 6mm	0.01600	cu.m

RW0153 Repainting one coat with bitumen emulsion @ 2.3 kg of emulsion and 0.002 cu.m of 10 mm nominal size stone chips per sq.m of surface area complete - Mechanized

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00128	day
MP0152	Roller, CAT -CS551	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00027	day
MP0166	Truck/Tipper (Tata,1210SK32)	0.00125	day
MP0153	Road Broom (TD - 96)	0.00022	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00045	day
MT0002	Bitumen Emulsion	0.00230	tonne
MT0071	Crushed Rock - 12.5 - 6mm	0.00200	cu.m

RW0154 Premix consolidated carpet surfacing including a tack coat @ 0.75 kg bitumen emulsion per sq.m of road surface - 50mm thick with 6.0 cu.m of aggregate 10mm nominal size per 100 sq.m using 96 kg of emulsion of approved quality per cu.m of stone aggregate (Mechanized)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0039	Work Supervisor (Lajab)	0.00184	day
LB0077	Labour	0.00225	day
MP0152	Roller, CAT -CS551	0.00045	day

MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0166	Truck/Tipper (Tata,1210SK32)	0.00180	day
MP0153	Road Broom (TD - 96)	0.00022	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00045	day
MT0002	Bitumen Emulsion	0.00591	tonne
MT0071	Crushed Rock - 12.5 - 6mm	0.05400	cu.m

RW0155 Premix consolidated carpet surfacing including a tack coat @ 0.75 kg bitumen emulsion per sq.m of road surface - 25 mm thick with 2.7 cu.m of stone aggregate, 10 mm nominal size per 100 sq.m using 149 kg of bitumen emulsion per cu.m of stone aggregate (Mechanized)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00225	day
MP0152	Roller, CAT -CS551	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00045	day
MP0166	Truck/Tipper (Tata,1210SK32)	0.00091	day
MP0153	Road Broom (TD - 96)	0.00023	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00045	day
MT0002	Bitumen Emulsion	0.00477	tonne
MT0071	Crushed Rock - 12.5 - 6mm	0.03000	cu.m

RW0156 Premix consolidated carpet surfacing including a tack coat @ 0.75 kg bitumen emulsion per sq.m of road surface - 20 mm thick with 2.10 cu.m of stone aggregate, 10 mm nominal size per 100 sq.m using 147 kg of bitumen emulsion per cu.m of stone aggregate (Mechanized)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00225	day
MP0152	Roller, CAT -CS551	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00045	day
MP0166	Truck/Tipper (Tata,1210SK32)	0.00091	day
MP0153	Road Broom (TD - 96)	0.00023	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00045	day
MT0002	Bitumen Emulsion	0.00383	tonne
MT0071	Crushed Rock - 12.5 - 6mm	0.02400	cu.m

RW0157 Providing seal coat with bitumen emulsion - Using 1.3 kg of emulsion and 0.80 cu.m stone aggregate of 10mm per 10 sq.m of road surface complete

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00225	day
MP0152	Roller, CAT -CS551	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00034	day
MP0166	Truck/Tipper (Tata,1210SK32)	0.00068	day
MP0153	Road Broom (TD - 96)	0.00015	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00034	day
MT0002	Bitumen Emulsion	0.00130	tonne
MT0071	Crushed Rock - 12.5 - 6mm	0.00800	cu.m

RW0158 Providing seal coat of premixed sand with bitumen emulsion - Using 5.3 kg of emulsion and 0.045 cu.m coarse sand per 10 sq.m of road surface complete

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0039	Work Supervisor (Lajab)	0.00061	day
LB0077	Labour	0.03061	day
MP0152	Roller, CAT -CS551	0.00060	day
MT0002	Bitumen Emulsion	0.00053	tonne
MT0043	Sand	0.00450	cu.m

RW0165 Painting two coats with Bitumen VG - 10 (coat 1 - 2 kg bitumen per sq.m, 1.5 cu.m, 12.5 mm aggregates per 100 sq.m; coat 2 - 1 kg bitumen per sq.m, 0.9 cu.m, 10 mm aggregates per 100 sq.m) complete - Mechanised

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00225	day
MP0152	Roller, CAT -CS551	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00045	day
MP0166	Truck/Tipper (Tata,1210SK32)	0.00091	day

MP0153	Road Broom (TD - 96)	0.00045	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00045	day
MT0001	Bitumen VG - 10	0.00300	tonne
MT0071	Crushed Rock - 12.5 - 6mm	0.02400	cu.m

RW0166 Painting two coats of Bitumen VG - 10 (coat 1 - 2 kg of bitumen, 0.015 cu.m, 12.5mm aggregate per sq.m; coat 2 - 1 kg of bitumen, 0.009 cu.m, 10 mm aggregates, per sq.m complete) - Manually

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0039	Work Supervisor (Lajab)	0.00123	day
LB0077	Labour	0.08986	day
MP0152	Roller, CAT -CS551	0.00170	day
MT0001	Bitumen VG - 10	0.00300	tonne
MT0040	Firewood (stacked volume)	0.00780	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.02400	cu.m

RW0167 Premix carpet surfacing including a tack coat @ 0.75 kg bitumen per sq.m of road surface - 50mm thick with 6 cu.m of aggregate 10mm nominal size per 100 sq.m using 51.5 kg of Bitumen VG - 10 grade per cu.m of stone aggregate (Mechanized)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0039	Work Supervisor (Lajab)	0.00184	day
LB0077	Labour	0.00225	day
MP0152	Roller, CAT -CS551	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00091	day
MP0166	Truck/Tipper (Tata,1210SK32)	0.00180	day
MP0153	Road Broom (TD - 96)	0.00022	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00083	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00045	day
MT0001	Bitumen VG - 10	0.00384	tonne
MT0071	Crushed Rock - 12.5 - 6mm	0.06000	cu.m

RW0168 Premix carpet surfacing including a tack coat @ 0.75 kg bitumen per sq.m of road surface - 25mm thick with 3 cu.m of stone aggregate per 100 sq.m and 51.5 kg of Bitumen VG - 10 grade per cu.m of stone aggregate (Mechanised)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00225	day
MP0152	Roller, CAT -CS551	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00045	day
MP0166	Truck/Tipper (Tata,1210SK32)	0.00091	day
MP0153	Road Broom (TD - 96)	0.00045	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00083	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00045	day
MT0001	Bitumen VG - 10	0.00267	tonne
MT0071	Crushed Rock - 12.5 - 6mm	0.03000	cu.m

RW0169 Premix carpet surfacing including a tack coat @ 0.75 kg bitumen per sq.m of road surface - 20mm thick with 2.40 cu.m of stone aggregate 10mm nominal size per 100 sq.m and 51.5 kg of Bitumen VG - 10 grade per cu.m of stone aggregate (Mechanized)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00225	day
MP0152	Roller, CAT -CS551	0.00045	day
MP0145	Pay Loader (CAT or Equivalent)	0.00045	day
MP0166	Truck/Tipper (Tata,1210SK32)	0.00091	day
MP0153	Road Broom (TD - 96)	0.00045	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00045	day
MP0160	Spot Mix Plant, 10/16 TPH	0.00083	day
MT0001	Bitumen VG - 10	0.00200	tonne
MT0068	Crushed Rock - 40mm	0.02400	cu.m

RW0170 Premix Carpeting with 64 kg of Bitumen VG - 10 per cu.m of aggregates including a tack coat with bitumen of same quality @ 0.75 kg per sq.m of road surface - 20 mm thick with 2.4 cu.m, 10mm aggregate per 100 sq.m (Manually)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0039	Work Supervisor (Lajab)	0.00184	day
LB0077	Labour	0.07926	day
MP0152	Roller, CAT -CS551	0.00110	day
MT0001	Bitumen VG - 10	0.00230	tonne
MT0040	Firewood (stacked volume)	0.00600	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.02400	cu.m

RW0171 Premix Carpeting with 64 kg of Bitumen VG - 10 per cu.m of aggregates including a tack coat with bitumen of same quality @ 0.75 kg per sq.m of road surface - 25 mm thick with 3.0 cu.m, 10mm aggregate per 100 sq.m (Manually)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0039	Work Supervisor (Lajab)	0.00184	day
LB0077	Labour	0.09252	day
MP0152	Roller, CAT -CS551	0.00110	day
MT0001	Bitumen VG - 10	0.00267	tonne
MT0040	Firewood (stacked volume)	0.00700	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.03000	cu.m

RW0175 Repainting, one coat of Bitumen VG - 10 @ 1 kg of bitumen; 0.009 cu.m, 10mm aggregate per sq.m of road surface - Manually

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0039	Work Supervisor (Lajab)	0.00046	day
LB0077	Labour	0.03650	day
MP0152	Roller, CAT -CS551	0.00060	day
MT0001	Bitumen VG - 10	0.00100	tonne
MT0040	Firewood (stacked volume)	0.00260	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.00900	cu.m

RW0176 Repainting one coat of Bitumen VG - 10 at a rate of 1 kg bitumen/sq.m & 0.9 cu.m of 10mm stone aggregate per 100 sq.m - Mechanised

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00128	day
MP0152	Roller, CAT -CS551	0.00015	day
MP0145	Pay Loader (CAT or Equivalent)	0.00015	day
MP0166	Truck/Tipper (Tata,1210SK32)	0.00030	day
MP0153	Road Broom (TD - 96)	0.00015	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00015	day
MT0001	Bitumen VG - 10	0.00100	tonne
MT0071	Crushed Rock - 12.5 - 6mm	0.00900	cu.m

RW0177 Providing seal coat with Bitumen VG - 10 grade of approved quality using 1.12 cu.m of stone aggregate 10mm size per 100 sq.m and 56 kg of Bitumen VG - 10 grade per cu.m of stone aggregate with a tack coat of 0.75 kg of bitumen per sq.m of road surface complete - Mechanized

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00225	day
MP0152	Roller, CAT -CS551	0.00034	day
MP0145	Pay Loader (CAT or Equivalent)	0.00034	day
MP0166	Truck/Tipper (Tata,1210SK32)	0.00091	day
MP0153	Road Broom (TD - 96)	0.00015	day
MP0104	Asphalt/Bitumen Sprayer (Hino)	0.00034	day
MT0001	Bitumen VG - 10	0.00138	tonne
MT0071	Crushed Rock - 12.5 - 6mm	0.01120	cu.m

RW0178 Providing seal coat with Bitumen VG - 10 using 1.5 kg of bitumen per sq.m with 1.05 cu.m, 10mm aggregate per 100 sq.m of road surface - Manually**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0039	Work Supervisor (Lajab)	0.00046	day
LB0077	Labour	0.03566	day
MP0152	Roller, CAT -CS551	0.00060	day
MT0001	Bitumen VG - 10	0.00150	tonne
MT0040	Firewood (stacked volume)	0.00390	cu.m
MT0071	Crushed Rock - 12.5 - 6mm	0.01050	cu.m

RW0179 Providing seal coat of premixed sand with Bitumen VG - 10 using 128 kg of bitumen per cu.m of sand and 0.75 cu.m of coarse sand per 100 sq.m of road surface - Manually**Coefficient for per Sq.m**

Code	Description	Coefficient	Units
LB0039	Work Supervisor (Lajab)	0.00061	day
LB0077	Labour	0.03061	day
MP0152	Roller, CAT -CS551	0.00060	day
MT0001	Bitumen VG - 10	0.00096	tonne
MT0040	Firewood (stacked volume)	0.00250	cu.m
MT0043	Sand	0.00750	cu.m

RW0180 Providing & fixing RC name board including primer and white zinc paint - Rectangular with post**Coefficient for per each**

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.08092	day
LB0033	Carpenter Gd.2	0.11965	day
LB0036	Mason Gd.1	0.41667	day
LB0039	Work Supervisor (Lajab)	0.00230	day
LB0051	Mason Gd.2	0.41667	day
LB0052	Painter Gd.1	0.02102	day
LB0053	Plant Operator Gd.3	0.00161	day
LB0077	Labour	1.50085	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00210	day
MP0112	Concrete Vibrator(M/C5)	0.00210	day
MT0043	Sand	0.02460	cu.m
MT0070	Crushed Rock - 20mm	0.02670	cu.m
MT0145	Cement (OPC / PSC)	0.01500	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	8.86200	kg
MT0325	Ballies 75 to 125mm dia	0.42000	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.01350	cu.m
MT0710	Cement primer	0.01890	litre
MT0725	Vinyl plastic emulsion paint (for cement plaster)	0.03267	litre

RW0181 Providing & fixing RC name board including primer and white zinc paint - Flat without post for one direction only**Coefficient for per each**

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.07680	day
LB0033	Carpenter Gd.2	0.24170	day
LB0036	Mason Gd.1	0.48780	day
LB0039	Work Supervisor (Lajab)	0.00767	day
LB0051	Mason Gd.2	0.48780	day
LB0052	Painter Gd.1	0.07085	day
LB0053	Plant Operator Gd.3	0.00537	day
LB0077	Labour	2.06757	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00700	day
MP0112	Concrete Vibrator(M/C5)	0.00700	day
MT0043	Sand	0.07170	cu.m
MT0070	Crushed Rock - 20mm	0.08900	cu.m
MT0145	Cement (OPC / PSC)	0.04509	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	8.41050	kg
MT0325	Ballies 75 to 125mm dia	0.84840	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.02727	cu.m

MT0710	Cement primer	0.06370	litre
MT0725	Vinyl plastic emulsion paint (for cement plaster)	0.11011	litre

RW0182 Providing & fixing RC name board including primer and white zinc paint - Flat without post for two directions only

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.08447	day
LB0033	Carpenter Gd.2	0.25725	day
LB0036	Mason Gd.1	0.49715	day
LB0039	Work Supervisor (Lajab)	0.00844	day
LB0051	Mason Gd.2	0.49715	day
LB0052	Painter Gd.1	0.08564	day
LB0053	Plant Operator Gd.3	0.00591	day
LB0077	Labour	2.17499	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00770	day
MP0112	Concrete Vibrator(M/C5)	0.00770	day
MT0043	Sand	0.07823	cu.m
MT0070	Crushed Rock - 20mm	0.09790	cu.m
MT0145	Cement (OPC / PSC)	0.04930	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	9.25050	kg
MT0325	Ballies 75 to 125mm dia	0.90300	m
MT0330	Rough-sawn timber (urban rate) - Class 'B'	0.02903	cu.m
MT0710	Cement primer	0.07700	litre
MT0725	Vinyl plastic emulsion paint (for cement plaster)	0.13310	litre

RW0260 Providing and erecting "W" metal beam crash barrier (3mm thick w-metal beam of 4m length, width 310mm, wave height- 81-85mm, 1.8m long Channel post 150x75x5mm @ 2m c/c & 330mm long spacer 150x75x5mm) including excavation and PCC 1:1.5:3 for channel post, complete as per drawing.

Coefficient for per m

Code	Description	Coefficient	Units
LB0032	Black smith (Metal-worker)	0.04529	day
LB0036	Mason Gd.1	0.00488	day
LB0051	Mason Gd.2	0.00488	day
LB0039	Work Supervisor (Lajab)	0.00630	day
LB0053	Plant operator Gd.3	0.00800	day
LB0077	Labour	0.31966	day
MP0111	Concrete Mixer (7/5 cu.ft)	0.00800	day
MP0112	Concrete Vibrator (M/C5)	0.00976	day
MT0043	Sand	0.05557	cu.m
MT0070	Crushed Rock -20mm	0.08335	cu.m
MT0071	Crushed Rock-12.5mm - 6mm	0.02778	cu.m
MT0145	Cement (OPC/PSC)	0.05078	tonne
MT0325	Ballies 75 to 125mm dia	0.20160	m
MT0330	Rough-sawn timber (urban rate) - Class 'B'	0.00648	cu.m
MT0223	Crash barrier	1.00000	m

RW0183 Engraving letters on hard stone.....per letter per centimetre height

Coefficient for per each

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.00951	day

RW0185 Providing & fixing precast boundary stone of RC 1:2:4 (20mm aggregate) including finishing with mortar 1:3 (cost of excavation, refilling etc to be paid separately) - 150mm dia x 900mm high

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.01266	day
LB0033	Carpenter Gd.2	0.05983	day
LB0036	Mason Gd.1	0.01745	day
LB0039	Work Supervisor (Lajab)	0.00153	day
LB0051	Mason Gd.2	0.01745	day
LB0053	Plant Operator Gd.3	0.00107	day
LB0077	Labour	0.25820	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00140	day
MP0112	Concrete Vibrator(M/C5)	0.00140	day
MT0043	Sand	0.01275	cu.m

MT0070	Crushed Rock - 20mm	0.01780	cu.m
MT0145	Cement (OPC / PSC)	0.00826	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	1.38600	kg
MT0325	Ballies 75 to 125mm dia	0.21000	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.00675	cu.m

RW0186 Providing & fixing precast kilometre stone of RC 1:2:4 (20mm aggregate) including finishing with mortar 1:3 complete as per standard design (cost of excavation, concreting, painting etc. shall be paid separately) - 35cm x 111cm x 25cm

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.04612	day
LB0033	Carpenter Gd.2	0.13042	day
LB0036	Mason Gd.1	0.05517	day
LB0039	Work Supervisor (Lajab)	0.00767	day
LB0051	Mason Gd.2	0.05517	day
LB0053	Plant Operator Gd.3	0.00537	day
LB0077	Labour	0.66739	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00700	day
MP0112	Concrete Vibrator(M/C5)	0.00700	day
MT0043	Sand	0.05590	cu.m
MT0070	Crushed Rock - 20mm	0.08900	cu.m
MT0145	Cement (OPC / PSC)	0.03756	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	5.05050	kg
MT0325	Ballies 75 to 125mm dia	0.45780	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.01472	cu.m

RW0187 Providing & fixing precast kilometre stone of RC 1:2:4 (20mm aggregate) including finishing with mortar 1:3 complete as per standard design (cost of excavation, concreting, painting etc. shall be paid separately) - 50cm x 152.5cm x 25cm

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.08754	day
LB0033	Carpenter Gd.2	0.20580	day
LB0036	Mason Gd.1	0.09407	day
LB0039	Work Supervisor (Lajab)	0.01457	day
LB0051	Mason Gd.2	0.09407	day
LB0053	Plant Operator Gd.3	0.01020	day
LB0077	Labour	1.03723	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.01330	day
MP0112	Concrete Vibrator(M/C5)	0.01330	day
MT0043	Sand	0.10358	cu.m
MT0070	Crushed Rock - 20mm	0.16910	cu.m
MT0145	Cement (OPC / PSC)	0.07012	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	9.58650	kg
MT0325	Ballies 75 to 125mm dia	0.72240	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.02322	cu.m

RW0188 Providing & fixing precast kilometre stone of RC 1:2:4 (20mm aggregate) including finishing with mortar 1:3 complete as per standard design (cost of excavation, concreting, painting etc. shall be paid separately) - 35cm x 93.5cm x 18cm

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02761	day
LB0033	Carpenter Gd.2	0.09692	day
LB0036	Mason Gd.1	0.04134	day
LB0039	Work Supervisor (Lajab)	0.00460	day
LB0051	Mason Gd.2	0.04134	day
LB0053	Plant Operator Gd.3	0.00322	day
LB0077	Labour	0.42624	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00420	day
MP0112	Concrete Vibrator(M/C5)	0.00420	day
MT0043	Sand	0.03556	cu.m
MT0070	Crushed Rock - 20mm	0.05340	cu.m
MT0145	Cement (OPC / PSC)	0.02350	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	3.02400	kg

MT0325	Ballies 75 to 125mm dia	0.34020	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.01094	cu.m

RW0189 Lettering with paint of approved brand and manufacture.....per letter per centimetre ht

			Coefficient for per each
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.00307	day
MT0722	Synthetic enamel paint	0.00040	litre

RW0190 Relettering with paint of approved brand and manufacture.....per letter per centimetre ht

			Coefficient for per each
Code	Description	Coefficient	Units
LB0052	Painter Gd.1	0.00199	day
LB0077	Labour	0.00042	day
MT0722	Synthetic enamel paint	0.00030	litre

RW0360 Providing and fixing Mandatory/Regulatory sign boards of Circular shape made up of 2 mm thick aluminium sheet, fully covered with retro reflective sheeting in blue and silver white or other colour combination including subject matter, message, symbols and borders etc.with supporting post of approved size and length complete as per drawing, specification and direction of Engineer-in-charge excluding excavation and concreting for base-750mm dia with 75mmX40mmX4.8mm post of length 3000m

			Coefficient for per each
Code	Description	Quant	Units
LB0032	Blacksmith (metal-worker)	0.08637	day
LB0052	Painter Gd.1	0.00986	day
LB0077	labourer	0.34032	day
mp0172	Welder - electric arc	0.40838	day
MT0162	Aluminium Sheet 2 mm thick including 10% wastage	2.62000	kg
MT0747	High intensity retro-reflective sheet including 40% area for lettering & edging	0.43520	sq.m
MT0181	Mild Steel Channels (75mmx40mmx4.8mm)	22.49100	kg
MT0182	Flats (25mmx3mm @0.6kg/m)	0.57000	kg
MT0184	Plates (100x100x5mm thk)	0.41000	kg
MT0711	Red oxide primer, for metals	0.02324	litre
MT0722	Synthetic enamel paint	0.02324	litre

RW0361 Providing and fixing Mandatory/Regulatory sign boards of Circular shape made up of 2 mm thick aluminium sheet, fully covered with retro reflective sheeting in blue and silver white or other colour combination including subject matter, message, symbols and borders etc.with supporting post of approved size and length complete as per drawing, specification and direction of Engineer-in-charge excluding excavation and concreting for base-600mm dia with 75mmX40mmX4.8mm post of length 3000m

			Coefficient for per each
Code	Description	Quant	Units
LB0032	Blacksmith (metal-worker)	0.08637	day
LB0052	Painter Gd.1	0.00986	day
LB0077	labourer	0.34032	day
mp0172	Welder - electric arc	0.40838	day
MT0162	Aluminium Sheet 2 mm thick including 10% wastage	1.68000	kg
MT0747	High intensity retro-reflective sheet including 40% area for lettering & edging	0.68001	sq.m
MT0181	Mild Steel Channels (75mmx40mmx4.8mm)	22.49100	kg
MT0182	Flats (25mmx3mm @0.6kg/m)	0.57000	kg
MT0184	Plates (100x100x5mm thk)	0.41000	kg
MT0711	Red oxide primer, for metals	0.02324	litre
MT0722	Synthetic enamel paint	0.02324	litre

RW0362 Providing and fixing Mandatory/Regulatory sign boards of Circular shape made up of 2 mm thick aluminium sheet, fully covered with retro reflective sheeting in blue and silver white or other colour combination including subject matter, message, symbols and borders etc.with supporting post of approved size and length complete as per drawing, specification and direction of Engineer-in-charge excluding excavation and concreting for base-450mm diameter with 50mm dia post of length 3000mm

			Coefficient for per each
Code	Description	Quant	Units
LB0032	Blacksmith (metal-worker)	0.07512	day

LB0052	Painter Gd.1	0.00857	day
LB0077	labourer	0.29601	day
mp0172	Welder - electric arc	0.35521	day
	Aluminium Sheet 2 mm thick including 10%		
MT0162	wastage	0.94000	kg
	High intensity retro-reflective sheet including		
MT0747	40% area for lettering & edging	0.24480	sq.m
MT0200	Welded Tube-50mm dia , 4.47mm thk	19.43550	kg
MT0182	Flats (25mmx3mm @0.6kg/m)	0.57000	kg
MT0184	Plates (100x100x5mm thk)	0.41000	kg
MT0711	Red oxide primer, for metals	0.02324	litre
MT0722	Synthetic enamel paint	0.02021	litre

RW0363 Providing and fixing Mandatory/Regulatory sign boards of Circular shape made up of 2 mm thick aluminium sheet, fully covered with retro reflective sheeting in blue and silver white or other colour combination including subject matter, message, symbols and borders etc.with supporting post of approved size and length complete as per drawing, specification and direction of Engineer-in-charge excluding excavation and concreting for base-300mm diameter with 50mm dia post of length 3000mm

Coefficient for per each

Code	Description	Quant	Units
LB0032	Blacksmith (metal-worker)	0.07512	day
LB0052	Painter Gd.1	0.00857	day
LB0077	labourer	0.29601	day
mp0172	Welder - electric arc	0.35521	day
	Aluminium Sheet 2 mm thick including 10%		
MT0162	wastage	0.42000	kg
	High intensity retro-reflective sheet including		
MT0747	40% area for lettering & edging	0.10880	sq.m
MT0200	Welded Tube-50mm dia , 4.47mm thk	19.43550	kg
MT0182	Flats (25mmx3mm @0.6kg/m)	0.57000	kg
MT0184	Plates (100x100x5mm thk)	0.41000	kg
MT0711	Red oxide primer, for metals	0.02324	litre
MT0722	Synthetic enamel paint	0.02021	litre

RW0364 Providing and fixing Mandatory/Regulatory sign boards of Hexagonal shape made up of 2 mm thick aluminium sheet, fully covered with retro reflective sheeting in blue and silver white or other colour combination including subject matter, message, symbols and borders etc.with supporting post of approved size and length complete as per drawing, specification and direction of Engineer-in-charge excluding excavation and concreting for base.-900mmX900mm with 75mmx40mmX4.7mm post of length 3000mm

Coefficient for per each

Code	Description	Quant	Units
LB0032	Blacksmith (metal-worker)	0.08637	day
LB0052	Painter Gd.1	0.00986	day
LB0077	labourer	0.34032	day
mp0172	Welder - electric arc	0.40838	day
	Aluminium Sheet 2 mm thick including 10%		
MT0162	wastage	3.15000	kg
	High intensity retro-reflective sheet including		
MT0747	40% area for lettering & edging	0.81620	sq.m
MT0181	Mild Steel Channels (75mmx40mmx4.8mm)	22.49100	kg
MT0182	Flats (25mmx3mm @0.6kg/m)	0.57000	kg
MT0184	Plates (100x100x5mm thk)	0.41000	kg
MT0711	Red oxide primer, for metals	0.02324	litre
MT0722	Synthetic enamel paint	0.02324	litre

RW0365 Providing and fixing Mandatory/Regulatory sign boards of Hexagonal shape made up of 2 mm thick aluminium sheet, fully covered with retro reflective sheeting in blue and silver white or other colour combination including subject matter, message, symbols and borders etc.with supporting post of approved size and length complete as per drawing, specification and direction of Engineer-in-charge excluding excavation and concreting for base.-750mmX750mm with 75mmx40mmX4.7mm post of length 3000mm

Coefficient for per each

Code	Description	Quant	Units
LB0032	Blacksmith (metal-worker)	0.08637	day
LB0052	Painter Gd.1	0.00986	day
LB0077	labourer	0.34032	day

mp0172	Welder - electric arc Aluminium Sheet 2 mm thick including 10%	0.40838	day
MT0162	wastage	2.20000	kg
MT0747	High intensity retro-reflective sheet including 40%	0.56980	sq.m
MT0181	Mild Steel Channels (75mmx40mmx4.8mm)	22.49100	kg
MT0182	Flats (25mmx3mm @0.6kg/m)	0.57000	kg
MT0184	Plates (100x100x5mm thk)	0.41000	kg
MT0711	Red oxide primer, for metals	0.02324	litre
MT0722	Synthetic enamel paint	0.02324	litre

RW0366 Providing and fixing Mandatory/Regulatory sign boards of Hexagonal shape made up of 2 mm thick aluminium sheet, fully covered with retro reflective sheeting in blue and silver white or other colour combination including subject matter, message, symbols and borders etc.with supporting post of approved size and length complete as per drawing, specification and direction of Engineer-in-charge excluding excavation and concreting for base.-600mmX600mm diameter with 75mmx40mmX4.7mm post of length 3000mm

Coefficient for per each

Code	Description	Quant	Units
LB0032	Blacksmith (metal-worker)	0.08637	day
LB0052	Painter Gd.1	0.00986	day
LB0077	labourer	0.34032	day
mp0172	Welder - electric arc Aluminium Sheet 2 mm thick including 10%	0.40838	day
MT0162	wastage	1.37000	kg
MT0747	High intensity retro-reflective sheet including 40% area for lettering & edging	0.35420	sq.m
MT0181	Mild Steel Channels (75mmx40mmx4.8mm)	22.49100	kg
MT0182	Flats (25mmx3mm @0.6kg/m)	0.57000	kg
MT0184	Plates (100x100x5mm thk)	0.41000	kg
MT0711	Red oxide primer, for metals	0.02324	litre
MT0722	Synthetic enamel paint	0.02324	litre

RW0367 Providing and fixing Cautionary/ Warning sign boards of Equilateral Triangular shape made up of 2 mm thick aluminium sheet, fully covered with retro reflective sheeting in blue and silver white or other colour combination including subject matter, message, symbols and borders etc.with supporting post of approved size and length complete as per drawing, specification and direction of Engineer-in-charge excluding excavation and concreting for base-900mm with 75mmx40mmX4.7mm post of length 3000mm

Coefficient for per each

Code	Description	Quant	Units
LB0032	Blacksmith (metal-worker)	0.08637	day
LB0052	Painter Gd.1	0.00986	day
LB0077	labourer	0.34032	day
mp0172	Welder - electric arc Aluminium Sheet 2 mm thick including 10%	0.40838	day
MT0162	wastage	2.08000	kg
MT0747	High intensity retro-reflective sheet including 40% area for lettering & edging	0.53900	sq.m
MT0181	Mild Steel Channels (75mmx40mmx4.8mm)	22.49100	kg
MT0182	Flats (25mmx3mm @0.6kg/m)	0.57000	kg
MT0184	Plates (100x100x5mm thk)	0.41000	kg
MT0711	Red oxide primer, for metals	0.02324	litre
MT0722	Synthetic enamel paint	0.02324	litre

RW0368 Providing and fixing Cautionary/ Warning sign boards of Equilateral Triangular shape made up of 2 mm thick aluminium sheet, fully covered with retro reflective sheeting in blue and silver white or other colour combination including subject matter, message, symbols and borders etc.with supporting post of approved size and length complete as per drawing, specification and direction of Engineer-in-charge excluding excavation and concreting for base- 750mm with 75mmx40mmX4 7mm post of length 3000mm

Coefficient for per each

Code	Description	Quant	Units
LB0032	Blacksmith (metal-worker)	0.08637	day
LB0052	Painter Gd.1	0.00986	day
LB0077	labourer	0.34032	day
mp0172	Welder - electric arc Aluminium Sheet 2 mm thick including 10%	0.40838	day
MT0162	wastage	1.25000	kg

	High intensity retro-reflective sheet including		
MT0747	40% area for lettering & edging	0.32340	sq.m
MT0181	Mild Steel Channels (75mmx40mmx4.8mm)	22.49100	kg
MT0182	Flats (25mmx3mm @0.6kg/m)	0.57000	kg
MT0184	Plates (100x100x5mm thk)	0.41000	kg
MT0711	Red oxide primer, for metals	0.02324	litre
MT0722	Synthetic enamel paint	0.02324	litre

RW0369 Providing and fixing Cautionary/ Warning sign boards of Equilateral Triangular shape made up of 2 mm thick aluminium sheet, fully covered with retro reflective sheeting in blue and silver white or other colour combination including subject matter, message, symbols and borders etc.with supporting post of approved size and length complete as per drawing, specification and direction of Engineer-in-charge excluding escavation and concreting for base-600mm with 75mmx40mmX4.7mm post of length 3000mm

Coefficient for per each

Code	Description	Quant	Units
LB0032	Blacksmith (metal-worker)	0.08637	day
LB0052	Painter Gd.1	0.00986	day
LB0077	labourer	0.34032	day
mp0172	Welder - electric arc	0.40838	day
	Aluminium Sheet 2 mm thick including 10% wastage	0.95000	kg
MT0162	High intensity retro-reflective sheet including		
MT0747	40% area for lettering & edging	0.24640	sq.m
MT0181	Mild Steel Channels (75mmx40mmx4.8mm)	22.49100	kg
MT0182	Flats (25mmx3mm @0.6kg/m)	0.57000	kg
MT0184	Plates (100x100x5mm thk)	0.41000	kg
MT0711	Red oxide primer, for metals	0.02324	litre
MT0722	Synthetic enamel paint	0.02324	litre

RW0370 Providing and fixing Cautionary/ Warning sign boards of Equilateral Triangular shape made up of 2 mm thick aluminium sheet, fully covered with retro reflective sheeting in blue and silver white or other colour combination including subject matter, message, symbols and borders etc.with supporting post of approved size and length complete as per drawing, specification and direction of Engineer-in-charge excluding escavation and concreting for base-450mm with 50 dia mm nost of length 3000mm

Coefficient for per each

Code	Description	Quant	Units
LB0032	Blacksmith (metal-worker)	0.07512	day
LB0052	Painter Gd.1	0.00857	day
LB0077	labourer	0.29601	day
mp0172	Welder - electric arc	0.35521	day
MT0162	Aluminium Sheet 2 mm thick including 10% wast	0.52000	kg
MT0747	High intensity retro-reflective sheet including 40%	0.13552	sq.m
MT0200	Welded Tube-50mm dia , 4.47mm thk	19.43550	kg
MT0182	Flats (25mmx3mm @0.6kg/m)	0.57000	kg
MT0184	Plates (100x100x5mm thk)	0.41000	kg
MT0711	Red oxide primer, for metals	0.02324	litre
MT0722	Synthetic enamel paint	0.02021	litre

RW0371 Providing and fixing Glow studs of size 100x20 mm made of heavy duty body and shall be moulded ASA (Acrylic styrene Acryloretrite) or HIP (High impact polystyrene) or ABS having electronically welded micro- prismatic lens with abrasion resistant coating with reflective panels on both sides with at least 12 cm of reflective area up each side. The studs shall be approved and fixed to the Road surface as per direction of Engineer incharge.

Coefficient for per each

Code	Description	Quant	Units
LB0051	Mason Gd.2	0.03330	day
LB0077	Labour	0.03330	day
MT0270	Cat's eye	1.00000	each

RW0372 Providing and fixing 48mm dia. mild steel round pipe delineators of approved length as per drawing and specifications with 3 nos of ABS round body high reflective reflectors with duly powder coated anti-rust and anti theft steel complete excluding excavation & concreting for base-750mm length

Coefficient for per each

Code	Description	Quant	Units
LB0077	Labour	0.02128	day
MT0271	Round tube Delineator 48mm dia, 750mm length	1.00000	each

RW0373 Providing and fixing 48mm dia. mild steel round pipe delineators of approved length as per drawing and specifications with 3 nos of ABS round body high reflective reflectors with duly powder coated anti-rust and anti theft steel complete excluding excavation & concreting for base-1200mm length

Coefficient for per each

Code	Description	Quant	Units
LB0077	Labour	0.02128	day
MT0272	Round tube Delineator 48mm dia, 1200mm	1.00000	each

RW0374 Providing and fixing 100mm rectangular mild steel post delineators of length 1200mm with 3 nos of ABS high reflective reflectors complete excluding excavation & concreting for base.

Coefficient for per each

Code	Description	Quant	Units
LB0077	Labour	0.02128	day
MT0273	Rectangular mild steel post delineators of 100mm	1.00000	each

RW0195 Supplying posts & struts - Local ballies, 250 mm min. girth

Coefficient for per m

Code	Description	Coefficient	Units
LB0077	Labour	0.06318	day
MT0326	Ballies 250 to 300mm dia	1.00000	m

RW0196 Supplying posts & struts - Local ballies 250 mm min girth , 1.8m long

Coefficient for per each

Code	Description	Coefficient	Units
LB0077	Labour	0.24008	day
MT0326	Ballies 250 to 300 mm dia	1.80000	m

RW0197 Supplying posts & struts - Precast R.C posts, 1.8 m long ,minimum cross section 100x100

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.03547	day
LB0033	Carpenter Gd.2	0.19891	day
LB0036	Mason Gd.1	0.03429	day
LB0039	Work Supervisor (Lajab)	0.00258	day
LB0051	Mason Gd.2	0.03429	day
LB0053	Plant Operator Gd.3	0.00180	day
LB0077	Labour	0.38328	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00235	day
MP0112	Concrete Vibrator(M/C5)	0.00235	day
MT0043	Sand	0.02256	cu.m
MT0070	Crushed Rock - 20mm	0.02990	cu.m
MT0145	Cement (OPC / PSC)	0.01442	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	3.88500	kg
MT0325	Ballies 75 to 125mm dia	0.84327	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.01209	cu.m

RW0198 Supplying posts & struts - Precast R.C struts 2.0 m long , minimum cross section 100x100

Coefficient for per each

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02205	day
LB0033	Carpenter Gd.2	0.17984	day
LB0036	Mason Gd.1	0.02818	day
LB0039	Work Supervisor (Lajab)	0.00161	day
LB0051	Mason Gd.2	0.02818	day
LB0053	Plant Operator Gd.3	0.00113	day

LB0077	Labour	0.31181	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00147	day
MP0112	Concrete Vibrator(M/C5)	0.00147	day
MT0043	Sand	0.01575	cu.m
MT0070	Crushed Rock - 20mm	0.01869	cu.m
MT0145	Cement (OPC / PSC)	0.00980	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	2.41500	kg
MT0325	Ballies 75 to 125mm dia	0.76244	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.01093	cu.m

RW0199 Supplying posts & struts - RCC posts & struts, 1.8m long
Coefficient for per m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.03547	day
LB0033	Carpenter Gd.2	0.19891	day
LB0036	Mason Gd.1	0.03876	day
LB0039	Work Supervisor (Lajab)	0.00615	day
LB0051	Mason Gd.2	0.03876	day
LB0053	Plant Operator Gd.3	0.00681	day
LB0077	Labour	0.59094	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00888	day
MP0112	Concrete Vibrator(M/C5)	0.00888	day
MT0043	Sand	0.06641	cu.m
MT0067	Crushed Rock - 50mm	0.08304	cu.m
MT0070	Crushed Rock - 20mm	0.02990	cu.m
MT0145	Cement (OPC / PSC)	0.02665	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	3.88500	kg
MT0325	Ballies 75 to 125mm dia	0.84327	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.01209	cu.m

RW0200 Supplying posts & struts - RCC posts & struts, 2m long
Coefficient for per m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02205	day
LB0033	Carpenter Gd.2	0.17984	day
LB0036	Mason Gd.1	0.02882	day
LB0039	Work Supervisor (Lajab)	0.00212	day
LB0051	Mason Gd.2	0.02882	day
LB0053	Plant Operator Gd.3	0.00184	day
LB0077	Labour	0.39749	day
MP0111	Concrete Mixer(7/5 cu.ft)	0.00240	day
MP0112	Concrete Vibrator(M/C5)	0.00240	day
MT0043	Sand	0.02201	cu.m
MT0067	Crushed Rock - 50mm	0.01184	cu.m
MT0070	Crushed Rock - 20mm	0.01869	cu.m
MT0145	Cement (OPC / PSC)	0.01154	tonne
MT0208	Thermo - Mechanically Treated (TMT) bars	2.41500	kg
MT0325	Ballies 75 to 125mm dia	0.76244	m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.01093	cu.m

RW0202 Providing & fixing G.I barbed Wire Netting including fixing of post or struts, G.I staples, coal tarring in case of ballies complete (posts/struts, earthwork, concrete paid separately) - 2.5mm , (12 SWG), 4 barbs form by twisting two point wires, each two turns, pitch of barbs 75mm
Coefficient for per m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.00353	day
LB0036	Mason Gd.1	0.00046	day
LB0051	Mason Gd.2	0.00046	day
LB0077	Labour	0.00161	day
MT0225	Barbed Wire	1.00000	m

RW0205 Providing & fixing G.I double knotted mesh including fixing of post or struts, G.I staples, coal tarring in case of ballies complete (excluding the cost of posts/struts, earthwork, concrete) - 4mm (8 SWG) x 100mm
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02669	day

LB0036	Mason Gd.1	0.00322	day
LB0051	Mason Gd.2	0.00322	day
LB0077	Labour	0.01214	day
MT0230	G.I double knotted mesh - 100 x 100 x 8-gauge	1.00000	sq.m

RW0206 Providing & fixing G.I double knotted mesh including fixing of post or struts, G.I staples, coal tarring in case of ballies complete (excluding the cost of posts/struts, earthwork, concrete) - 2.5mm (12 SWG) x 100mm
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02669	day
LB0036	Mason Gd.1	0.00322	day
LB0051	Mason Gd.2	0.00322	day
LB0077	Labour	0.01214	day
MT0231	G.I double knotted mesh - 100 x 100 x 12-gauge	1.00000	sq.m

RW0207 Providing & fixing G.I double knotted mesh including fixing of post or struts, G.I staples, coal tarring in case of ballies complete (excluding the cost of posts/struts, earthwork, concrete) - 4mm (8 SWG) x 150mm
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02669	day
LB0036	Mason Gd.1	0.00322	day
LB0051	Mason Gd.2	0.00322	day
LB0077	Labour	0.01214	day
MT0232	G.I double knotted mesh - 150 x 150 x 8-gauge	1.00000	sq.m

RW0208 Providing & fixing G.I double knotted mesh including fixing of post or struts, G.I staples, coal tarring in case of ballies complete (excluding the cost of posts/struts, earthwork, concrete) - 2.5mm (12 SWG) x 150mm
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02669	day
LB0036	Mason Gd.1	0.00322	day
LB0051	Mason Gd.2	0.00322	day
LB0077	Labour	0.01214	day
MT0233	G.I double knotted mesh - 150 x 150 x 12-gauge	1.00000	sq.m

RW0209 Providing & fixing G.I chain-link mesh including fixing of post or struts, G.I staples (excluding the cost of posts/struts, earthwork, concrete etc.) - 4mm (8 SWG) x 50mm
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02669	day
LB0036	Mason Gd.1	0.00322	day
LB0051	Mason Gd.2	0.00322	day
LB0077	Labour	0.01214	day
MT0244	G.I chain-link mesh - 50 x 50 x 8-gauge	1.00000	sq.m

RW0210 Providing & fixing G.I chain-link mesh including fixing of post or struts, G.I staples (excluding the cost of posts/struts, earthwork, concrete etc.) - 2.5mm (12 SWG) x 50mm
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02669	day
LB0036	Mason Gd.1	0.00322	day
LB0051	Mason Gd.2	0.00322	day
LB0077	Labour	0.01214	day
MT0245	G.I chain-link mesh - 50 x 50 x 12-gauge	1.00000	sq.m

RW0211 Providing & fixing G.I chain-link mesh including fixing of post or struts, G.I staples (excluding the cost of posts/struts, earthwork, concrete etc.) - 4mm (8 SWG) x 75mm
Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02669	day
LB0036	Mason Gd.1	0.00322	day
LB0051	Mason Gd.2	0.00322	day
LB0077	Labour	0.01214	day
MT0242	G.I chain-link mesh - 75 x 75 x 8-gauge	1.00000	sq.m

RW0212 Providing & fixing G.I chain-link mesh including fixing of post or struts, G.I staples (excluding the cost of posts/struts, earthwork, concrete etc.) - 2.5mm (12 SWG) x 75mm

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02669	day
LB0036	Mason Gd.1	0.00322	day
LB0051	Mason Gd.2	0.00322	day
LB0077	Labour	0.01214	day
MT0243	G.I chain-link mesh - 75 x 75 x 12-gauge	1.00000	sq.m

RW0213 Providing & fixing G.I chain-link mesh including fixing of post or struts, G.I staples (excluding the cost of posts/struts, earthwork, concrete etc.) - 4mm (8 SWG) x 100mm

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02669	day
LB0036	Mason Gd.1	0.00322	day
LB0051	Mason Gd.2	0.00322	day
LB0077	Labour	0.01214	day
MT0240	G.I chain-link mesh - 100 x 100 x 8-gauge	1.00000	sq.m

RW0214 Providing & fixing G.I chain-link mesh including fixing of post or struts, G.I staples (excluding the cost of posts/struts, earthwork, concrete etc.) - 2.5mm (12 SWG) x 100mm

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0032	Blacksmith (metal-worker)	0.02669	day
LB0036	Mason Gd.1	0.00322	day
LB0051	Mason Gd.2	0.00322	day
LB0077	Labour	0.01214	day
MT0231	G.I chain-link mesh - 100 x 100 x 12-gauge	1.00000	sq.m

RW0215 Providing & fixing 1.2 m high fencing with 1.8 m R.C.C posts of standard design placed every 3 m apart, embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with nine horizontal lines and two diagonals of barbed wire 10 kg per 100 m (min) between two posts fitted and fixed with GI staples on wooden plugs or GI binding wire tied to 6mm bars nibs fixed while casting the post (cost of RCC posts, struts, earthwork and concrete to be paid for separately)

Coefficient for per m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.00637	day
LB0077	Labour	0.04446	day
MT0225	G.I Barbed Wire	11.17000	m

RW0216 Providing & fixing 1.2 m high fencing with 1.8 m balli posts 250 mm girth (min.) placed every 2.5 m apart, embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with six horizontal lines and two diagonals of barbed wire 10 kg per 100 m (min) between two posts fitted and fixed with GI staples driven into the posts complete (cost of RCC posts, struts, earthwork and concrete to be paid for separately)

Coefficient for per m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.00767	day
LB0077	Labour	0.04446	day
LB0033	carpenter Gd. 2	0.00997	day
MT0225	G.I Barbed Wire	8.15200	m
MT0736	crude coal tar	0.07333	litre
MT0035	kerosene	0.01300	litre

RW0217 Providing & fixing 2.4 m high fencing with 3.3 m balli posts 250 mm girth (min.) placed every 2.5 m apart, embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with twelve horizontal lines and two diagonals of barbed wire 10 kg per 100 m (min) between two posts fitted and fixed with GI staples driven into the posts complete (cost of RCC posts, struts, earthwork and concrete to be paid for separately)

Coefficient for per m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.01281	day
LB0077	Labour	0.06318	day
LB0033	carpenter Gd. 2	0.01657	day
MT0225	G.I Barbed Wire	14.64000	m
MT0736	crude coal tar	0.12570	litre
MT0035	kerosene	0.02260	litre

RW0218 Providing & fixing 1.3 m high concrete rail and pale fencing with 1.8 m R.C.C posts 2.2 m rails and 1.25 m pales placed every 2.5 m apart, embedded in cement concrete blocks (450 mm x 450 mm x 700 mm), of mix 1:5:10 (1 cement : 5 sand : 10 graded crushed rock 40 mm nominal size) (cost of earthwork in excavation, concrete work, posts, rails and pales to be paid for separately)

Coefficient for per m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.25311	day
LB0077	Labour	0.02317	day

RW0219 Providing & fixing 1.2 m high fencing with 1.2 m angle posts (40mm x 40 mm x 6 mm) placed every 3 m centre to centre , embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with nine horizontal lines and two diagonals interwoven with horizontal wires of barbed wire 10 kg per 100 m (min) between two posts fitted and fixed with GI staples. turn buckles complete (cost of posts, struts, earthwork and concrete to be paid for separately)

Coefficient for per m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.00639	day
LB0077	Labour	0.03980	day
MT0225	G.I Barbed Wire	11.10000	m

RW0220 Providing & fixing 1.8 m high fencing with 1.8 m angle posts (50mm x 50 mm x 6 mm) placed every 3 m centre to centre , embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with nine horizontal lines and two diagonals interwoven with horizontal wires of barbed wire 10 kg per 100 m (min) between two posts fitted and fixed with GI staples, turn buckles complete (cost of posts, struts, earthwork and concrete to be paid for separately)

Coefficient for per m

Code	Description	Coefficient	Units
LB0051	Mason Gd.2	0.00890	day
LB0077	Labour	0.06318	day
MT0225	G.I Barbed Wire	14.27000	m

RW0230 Collection of Grass and pioneer plant seed, including separation, drying in the sun and storing

Coefficient for per kg

Code	Description	Coefficient	Units
LB0077	Labour	0.86346	day
MT0122	Sealed bag	1.00000	each

RW0231 Broadcasting of Grass/pioneer species seeds on slopes at the rate of 25 grams per sq.m

Coefficient for per 100.00

Code	Description	Coefficient	Units
LB0077	Labour	0.11934	day

RW0232	Direct Seeding of shrubs or tree seeds at 30 cm spacing including digging holes up to 5 cm depth and covering with soil, with two seeds per planting hole			Coefficient for per 1.00
	Code	Description	Coefficient	Units
	LB0077	Labour	0.11934	day
RW0233	Collection and Preparation of materials (woody cuttings 2-4 cm diameter and 50 cm length) and staking them 3/4 of the cuttings in the soil			Coefficient for per 1.00
	Code	Description	Coefficient	Units
	LB0077	Labour	0.14040	day
	MT0046	Cuttings	11.00000	each
RW0234	Collection and Preparation of materials (woody cuttings 2-4 cm diameter and 60 cm length) and staking them 3/4 of the cuttings in the soil			Coefficient for per 1.00
	Code	Description	Coefficient	Units
	LB0077	Labour	0.15444	day
	MT0046	Cuttings	40.00000	each
RW0235	Planting of wildlings (including the collection if wildlings from the wild) and planting them in pit size 30 cm x 30 cm			Coefficient for per 10 nos.
	Code	Description	Coefficient	Units
	LB0077	Labour	0.23166	day
	MT0047	seedling	10.00000	each
RW0236	Sodding on slopes with sods, eg. Lemon grass (30 cms centre to centre), titepati (1 metre centre to centre) in contour lines. The sods should be placed even closer to each other if the slope is greater than 25 degree			Coefficient for per Sq.m.
	Code	Description	Coefficient	Units
	LB0077	Labour	0.09028	day
	MT0393	cane baskets for carrying sods	0.05000	each
RW0237	Turfing of embankment with 30x30 cm turfs and fixed to the ground with wooden pegs, if slope is greater than 25			Coefficient for per Sq.m.
	Code	Description	Coefficient	Units
	LB0077	Labour	0.14040	day
	MT0049	turf including transportation	1.00000	sq.m
RW0238	Grass slip planting on slopes (random or in line) at 10 cm apart and 5 cm deep			Coefficient for per Sq.m.
	Code	Description	Coefficient	Units
	LB0077	Labour	0.03510	day
	MT0048	Grass Slips	100.00000	each
RW0239	Providing and laying fog sealing as per technical specification/as directed by site engineer			Coefficient for per Sq.m.
	Code	Description	Coefficient	Units
	LB0077	Labour	0.00128	day
	MT0002	Bitumen Emulsion	0.00060	tonne
	MT0043	Sand	0.00283	cu.m
RW0240	Providing and laying of Rock Anchorage including TMT rebar (25mm dia) and cement slurry to fill the gap. The hole diameter should be at least 32mm as provided in the drawing.			Coefficient for per m
	Code	Description	Coefficient	Units
	LB0077	Labour	0.01829	day
	MP0113	compressor (CPS-300)	0.00200	day

MT0026	Drill road 3'	0.03000	each
MT0145	Cement OPC/PCS	0.00178	tonne
MT0208	Reinforcing Bars	4.63200	kg

RW0241 Supply and apply permanent road marking on the road surface as per technical specification/as directed by the site engineer (manually)

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.04809	day
LB0052	Painter Gr.1	0.05254	day
MT0722	Synthetic enamel paint	0.12500	litre
MT1678	Painting Brush (4")	1.00000	each

RW0242 Road marking with hot applied thermoplastic compound with reflectorising glass beads on Bituminous surface as per IRC:35 and technical specifications. The finished surface to be level and free from streaks and holes

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0077	Labour	0.00219	day
LB0052	Painter Gr.1	0.00060	day
MT1679	Thermoplastic road marking paint	2.34375	litre
MP0154	Road marking machine	0.00156	day

RW0300 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03835	day
LB0051	Mason Gd.2	0.03835	day
LB0077	labourer	0.10664	day
MT0043	Sand	0.06500	cu.m
MT2000	Interlocking Paver Block (Zig Zag) 80mm Thk.	1.00000	Sq.m

RW0301 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03835	day
LB0051	Mason Gd.2	0.03835	day
LB0077	labourer	0.10664	day
MT0043	Sand	0.06500	cu.m
MT2001	Interlocking Paver Block (Zig Zag) 80mm Thk.	1.00000	Sq.m

RW0302 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

Coefficient for per Sq.m

Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03835	day
LB0051	Mason Gd.2	0.03835	day
LB0077	labourer	0.10664	day
MT0043	Sand	0.06500	cu.m
MT2002	Interlocking Paver Block (Zig Zag, Tri-Hex,	1.00000	Sq.m

RW0303 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03835	day
LB0051	Mason Gd.2	0.03835	day
LB0077	labourer	0.10664	day
MT0043	Sand	0.06500	cu.m
MT2003	Interlocking Paver Block (Zig Zag, Tri-Hex,	1.00000	Sq.m

RW0304 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03835	day
LB0051	Mason Gd.2	0.03835	day
LB0077	labourer	0.10664	day
MT0043	Sand	0.06500	cu.m
MT2004	Interlocking Paver Block (Tri-Hex, Brook,	1.00000	Sq.m

RW0305 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03835	day
LB0051	Mason Gd.2	0.03835	day
LB0077	labourer	0.10664	day
MT0043	Sand	0.06500	cu.m
MT2005	Interlocking Paver Block (Tri-Hex, Brook,	1.00000	Sq.m

RW0306 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03835	day
LB0051	Mason Gd.2	0.03835	day
LB0077	labourer	0.10664	day
MT0043	Sand	0.06500	cu.m
MT2006	Rectangular Paver Block 60mm Thk Colour	1.00000	Sq.m

RW0307 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

		Coefficient for per Sq.m	
Code	Description	Coefficient	Units
LB0036	Mason Gd.1	0.03835	day
LB0051	Mason Gd.2	0.03835	day
LB0077	labourer	0.10664	day
MT0043	Sand	0.06500	cu.m
MT2007	Rectangular Paver Block 60mm Thk Ash	1.00000	Sq.m

RW0308 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

			Coefficient for per Sq.m	
Code	Description		Coefficient	Units
LB0036	Mason Gd.1		0.03835	day
LB0051	Mason Gd.2		0.03835	day
LB0077	labourer		0.10664	day
MT0043	Sand		0.06500	cu.m
MT2008	Rectangular Paver Block	40mm Thk Colour	1.00000	Sq.m

RW0309 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

			Coefficient for per Sq.m	
Code	Description		Coefficient	Units
LB0036	Mason Gd.1		0.03835	day
LB0051	Mason Gd.2		0.03835	day
LB0077	labourer		0.10664	day
MT0043	Sand		0.06500	cu.m
MT2009	Rectangular Paver Block	40mm Thk Ash	1.00000	Sq.m

RW0310 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

			Coefficient for per Sq.m	
Code	Description		Coefficient	Units
LB0036	Mason Gd.1		0.03835	day
LB0051	Mason Gd.2		0.03835	day
LB0077	labourer		0.10664	day
MT0043	Sand		0.06500	cu.m
MT2010	Coral Stone Finished 60mm Thk.	Colour	1.00000	Sq.m

RW0311 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

			Coefficient for per Sq.m	
Code	Description		Coefficient	Units
LB0036	Mason Gd.1		0.03835	day
LB0051	Mason Gd.2		0.03835	day
LB0077	labourer		0.10664	day
MT0043	Sand		0.06500	cu.m
MT2011	Coral Stone Finished 60mm Thk.	Ash Grey	1.00000	Sq.m

RW0312 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

			Coefficient for per Sq.m	
Code	Description		Coefficient	Units
LB0036	Mason Gd.1		0.03835	day
LB0051	Mason Gd.2		0.03835	day
LB0077	labourer		0.10664	day
MT0043	Sand		0.06500	cu.m
MT2012	Coral Stone Finished 40mm Thk.	Colour	1.00000	Sq.m

RW0313 Providing and laying factory made Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.

			Coefficient for per Sq.m	
Code	Description	Coefficient	Units	
LB0036	Mason Gd.1	0.03835	day	
LB0051	Mason Gd.2	0.03835	day	
LB0077	labourer	0.10664	day	
MT0043	Sand	0.06500	cu.m	
MT2013	Coral Stone Finished 40mm Thk. Ash Grey	1.00000	Sq.m	

RW0320 Chequered precast tiles 25 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).

			Coefficient for per Sq.m	
Code	Description	Coefficient	Units	
LB0051	Mason Gd.2	0.12272	day	
LB0077	labourer	0.24559	day	
MT0043	Sand	0.02354	cu.m	
MT0145	Cement (OPC / PSC)	0.00836	tonne	
MT2014	Chequered tiles, Paver tiles. 25mm Thk.	1.10000	Sq.m	

RW0321 Chequered precast tiles 25 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).

			Coefficient for per Sq.m	
Code	Description	Coefficient	Units	
LB0051	Mason Gd.2	0.12272	day	
LB0077	labourer	0.24559	day	
MT0043	Sand	0.02354	cu.m	
MT0145	Cement (OPC / PSC)	0.00836	tonne	
MT2015	Chequered tiles, Paver tiles. 25mm Thk. Ash	1.10000	Sq.m	

RW0330 Providing and laying at or near ground level factory made kerb stone 100mm thick, in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment)

			Coefficient for per Sq.m	
Code	Description	Coefficient	Units	
LB0036	Mason Gd.1	0.02557	day	
LB0051	Mason Gd.2	0.02557	day	
LB0077	labourer	0.03940	day	
MT0043	Sand	0.00104	cu.m	
MT0145	Cement (OPC / PSC)	0.00050	tonne	
MT2016	Kerb (Edging) Stone 100mm Thk.	1.00000	Sq.m	

CHAPTER 23 : CONSERVATION WORKS IN HERITAGE SITES

DD2001 Demolishing rammed earth wall including disposal of unusable materials within 200m lead - ground floor level				Coefficient for per cu.m	
Code	Description	Coefficient	Unit		
LB0122	Dozop Gd .4	1.05000	day		
LB0127	Unskilled	2.10000	day		
LB0101	Dozo Lopen	0.25000	day		
DD2002 Demolishing rammed earth wall including disposal of unusable materials within 200m lead - first floor level and above				Coefficient for per cu.m	
Code	Description	Coefficient	Unit		
LB0122	Dozop Gd .4	1.15500	day		
LB0127	Unskilled	2.31000	day		
LB0101	Dozo Lopen	0.27500	day		
DD2003 Cutting, trimming, shaping, leveling etc. of rammed earth wall to insert timber components like Chams (Joists), doors/ windows, Dhung, etc. including disposal of unusable materials within 200m lead (all floor levels)				Coefficient for per cu.m	
Code	Description	Coefficient	Unit		
LB0115	Dozop Gd .3	1.38600	day		
LB0127	Unskilled	2.77200	day		
LB0101	Dozo Lopen	0.33000	day		
DD2004 Dismantling stone masonry walls without any features such as mural paintings including salvaging of usable materials and disposal of unusable materials within 200m lead- ground floor level				Coefficient for per cu.m	
Code	Description	Coefficient	Unit		
LB0115	Dozop Gd .3	0.78800	day		
LB0127	Unskilled	1.31300	day		
LB0101	Dozo Lopen	0.75000	day		
	Total rate	2.85000			
DD2005 Dismantling stone masonry walls without any features such as mural paintings including salvaging of usable materials and disposal of unusable materials within 200m lead- first floor level and above				Coefficient for per cu.m	
Code	Description	Coefficient	Unit		
LB0115	Dozop Gd .3	0.82700	day		
LB0127	Unskilled	1.37800	day		
LB0101	Dozo Lopen	0.78800	day		
DD2006 Dismantling stone masonry walls with special features such as mural paintings painted directly on mud-plaster along with detaching of mural paintings including salvaging of usable materials and disposal of unusable materials within 200m lead- ground floor level				Coefficient for per cu.m	
Code	Description	Coefficient	Unit		
MT0330	Rough-sawn timber (urban rate) - Class 'B'	0.17000	cum		
MT2300	Paraloid B-72	1.50000	kg		
MT2307	Thinner	15.00000	Ltrs		
MT2301	Lens tissue	10.00000	each		
MT2302	Marking cloth thin	3.00000	m		
MT2303	Marking cloth thick	5.00000	m		
MT0343	12mm, commercial ply	1.00000	sqm		
MT2304	Black foam-10mm	4.00000	sqm		
MT2305	Cargo Belt/Ratchet belt for packing	3.00000	m		
LB0102	Shingzop Gd .1	2.00000	day		
LB0121	Shingzop Gd 4	2.00000	day		
LB0103	Dozop Gd .1	7.00000	day		
LB0109	Dozop Gd .2	4.00000	day		
LB0115	Dozop Gd .3	5.00000	day		
LB0107	Lhadrip Gd. 1/Lhazo Gd. 1	2.00000	day		
LB0127	Unskilled	5.00000	day		
LB0100	Zopen	1.00000	day		
LB0101	Dozo Lopen	1.00000	day		

DD2007 Dismantling stone masonry walls with special features such as mural paintings painted directly on mud-plaster along with detaching of mural paintings including salvaging of usable materials and disposal of unusable materials within 200m lead– first floor level and above

			Coefficient for per cu.m	
Code	Description	Coefficient	Unit	
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.17000	cum	
MT2300	Paraloid B-72	1.50000	kg	
MT2307	Thinner	15.00000	Ltrs	
MT2301	Lens tissue	10.00000	each	
MT2302	Marking cloth thin	3.00000	m	
MT2303	Marking cloth thick	5.00000	m	
MT0343	12mm, commercial ply	1.00000	sqm	
MT2304	Black foam-10mm	4.00000	sqm	
MT2305	Cargo Belt/Ratchet belt for packing	3.00000	m	
LB0102	Shingzop Gd .1	2.00000	day	
LB0121	Shingzop Gd 4	2.00000	day	
LB0103	Dozop Gd .1	7.50000	day	
LB0109	Dozop Gd .2	4.50000	day	
LB0115	Dozop Gd .3	5.50000	day	
LB0122	Dozop Gd 4	3.50000	day	
LB0107	Lhadrip Gd. 1/Lhazo Gd. 1	2.00000	day	
LB0127	Unskilled	4.00000	day	
LB0100	Zopen	1.00000	day	
LB0101	Dozo Lopen	1.00000	day	

DD2008 Removal of doors, windows, and timber frame components from the existing stone masonry wall, while preserving the Salen (lintel), salvaging usable materials, and disposing of unusable materials within 200m lead - ground floor level (<3.0 sqm surface area)

			Coefficient for per each	
Code	Description	Coefficient	Unit	
LB0108	Shingzop Gd 2	0.25000	day	
LB0127	Unskilled	0.50000	day	
LB0100	Zopen	0.15000	day	

DD2009 Removal of doors, windows, and timber frame components from the existing stone masonry wall, while preserving the Salen (lintel), salvaging usable materials, and disposing of unusable materials within 200m lead - ground floor level (3.0 sq.m to 6.0 sq.m surface area)

			Coefficient for per each	
Code	Description	Coefficient	Unit	
LB0108	Shingzop Gd 2	0.31300	day	
LB0127	Unskilled	0.62500	day	
LB0100	Zopen	0.18800	day	

DD2010 Removal of doors, windows, and timber frame components from the existing stone masonry wall, while preserving the Salen (lintel), salvaging usable materials, and disposing of unusable materials within 200m lead - ground floor level (> 6.0 sqm surface area)

			Coefficient for per each	
Code	Description	Coefficient	Unit	
LB0108	Shingzop Gd 2	0.37500	day	
LB0127	Unskilled	0.75000	day	
LB0100	Zopen	0.22500	day	

DD2011 Removal of doors, windows, and timber frame components from the existing stone masonry wall, while preserving the Salen (lintel), salvaging usable materials, and disposing of unusable materials within 200m lead - first floor level and above (<3.0 sqm surface area)

			Coefficient for per each	
Code	Description	Coefficient	Unit	
LB0108	Shingzop Gd 2	0.37500	day	
LB0127	Unskilled	0.75000	day	
LB0100	Zopen	0.25000	day	

DD2012 Removal of doors, windows, and timber frame components from the existing stone masonry wall, while preserving the Salen (lintel), salvaging usable materials, and disposing of unusable materials within 200m lead - first floor level and above (3.0 sq.m to 6.0 sq.m surface area)

			Coefficient for per each	
Code	Description	Coefficient	Unit	
LB0108	Shingzop Gd 2	0.46900	day	

LB0127	Unskilled	0.93800	day
LB0100	Zopen	0.31300	day

DD2013 Removal of doors, windows, and timber frame components from the existing stone masonry wall, while preserving the Salen (lintel), salvaging usable materials, and disposing of unusable materials within 200m lead - first floor level and above (> 6.0 sqm surface area)

Code	Description	Coefficient	Coefficient for per each Unit
LB0108	Shingzop Gd 2	0.56300	day
LB0127	Unskilled	1.12500	day
LB0100	Zopen	0.37500	day

DD2014 Removal of doors, windows, and timber frame components along with the Salen (lintel) from the existing stone masonry wall, salvaging usable materials, and disposing of unusable materials within 200m lead - ground floor level (<3.0 sqm surface area)

Code	Description	Coefficient	Coefficient for per each Unit
LB0108	Shingzop Gd 2	0.37500	day
LB0127	Unskilled	0.62500	day
LB0100	Zopen	0.15000	day

DD2015 Removal of doors, windows, and timber frame components along with the Salen (lintel) from the existing stone masonry wall, salvaging usable materials, and disposing of unusable materials within 200m lead - ground floor level (between 3.0 & 6.0 sqm surface area)

Code	Description	Coefficient	Coefficient for per each Unit
LB0108	Shingzop Gd 2	0.46900	day
LB0127	Unskilled	0.78100	day
LB0100	Zopen	0.18800	day

DD2016 Removal of doors, windows, and timber frame components along with the Salen (lintel) from the existing stone masonry wall, salvaging usable materials, and disposing of unusable materials within 200m lead - ground floor level (> 6.0 sqm surface area)

Code	Description	Coefficient	Coefficient for per each Unit
LB0108	Shingzop Gd 2	0.56300	day
LB0127	Unskilled	0.93800	day
LB0100	Zopen	0.22500	day

DD2017 Removal of doors, windows, and timber frame components along with the Salen (lintel) from the existing stone masonry wall, salvaging usable materials, and disposing of unusable materials within 200m lead - first floor level and above (<3.0 sqm surface area)

Code	Description	Coefficient	Coefficient for per each Unit
LB0108	Shingzop Gd 2	0.50000	day
LB0127	Unskilled	0.75000	day
LB0100	Zopen	0.37500	day

DD2018 Removal of doors, windows, and timber frame components along with the Salen (lintel) from the existing stone masonry wall, salvaging usable materials, and disposing of unusable materials within 200m lead - first floor level and above (between 3.0 & 6.0 sqm surface area)

Code	Description	Coefficient	Coefficient for per each Unit
LB0108	Shingzop Gd 2	0.62500	day
LB0127	Unskilled	0.93800	day
LB0100	Zopen	0.46900	day

DD2019 Removal of doors, windows, and timber frame components along with the Salen (lintel) from the existing stone masonry wall, salvaging usable materials, and disposing of unusable materials within 200m lead - first floor level and above (> 6.0 sqm surface area)

Code	Description	Coefficient	Coefficient for per each Unit
LB0108	Shingzop Gd 2	0.75000	day
LB0127	Unskilled	1.12500	day
LB0100	Zopen	0.56300	day

Removal of Chams (joists)/Dhungns and its components from the existing stone masonry wall, salvaging usable materials and disposing of unusable materials within 200m lead - ground floor level**DD2020**

		Coefficient for per cu.m	
Code	Description	Coefficient	Unit
LB0114	Shingzop Gd . 3	0.25000	day
LB0127	Unskilled	0.37500	day
LB0100	Zopen	0.25000	day

Removal of Chams (joists)/Dhungns and its components from the existing stone masonry wall, salvaging usable materials and disposing of unusable materials within 200m lead - first floor level and above**DD2021**

		Coefficient for per cu.m	
Code	Description	Coefficient	Unit
LB0114	Shingzop Gd . 3	0.31300	day
LB0127	Unskilled	0.46900	day
LB0100	Zopen	0.25000	day

Dismantling Thinzhi enta (Timber flooring) / Nampa enta (Ceiling plank) including stacking useful materials and disposal of rubbish within 200m lead (thickness > 50mm)**DD2022**

		Coefficient for per Sq.m	
Code	Description	Coefficient	Unit
LB0114	Shingzop Gd . 3	0.04300	day
LB0127	Unskilled	0.07900	day

DD2023 Removal of Satha (mud insulation) including disposal of rubbish within 200m lead - ground floor level

		Coefficient for per cu.m	
Code	Description	Coefficient	Unit
LB0127	Unskilled	1.00000	day
LB0100	Zopen	0.25000	day

DD2024 Removal of Satha (mud insulation) including disposal of rubbish within 200m lead - first floor level and above

		Coefficient for per cu.m	
Code	Description	Coefficient	Unit
LB0127	Unskilled	1.40000	day
LB0100	Zopen	0.25000	day

SF2001 Providing, preparing and installation of timber scaffoldings-- ground floor level

		Coefficient for per Sq.m.	
Code	Description	Coefficient	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.09120	cum
LB0108	Shingzop Gd 2	0.25000	day
LB0121	Shingzop Gd 4	0.37500	day

SF2002 Providing, preparing and installation of timber scaffoldings-- first floor level and above

		Coefficient for per Sq.m.	
Code	Description	Coefficient	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.09580	cum
LB0108	Shingzop Gd 2	0.44000	day
LB0121	Shingzop Gd 4	0.44000	day

SF2003 Providing, preparing and installation of bamboo scaffoldings- upto second floor level (Dia > 50mm)

		Coefficient for per Sq.m.	
Code	Description	Coefficient	Unit
MT0391	Bamboo dia > 50mm	8.00000	m
LB0100	Rough-sawn timber (urban rate) - Class 'B',	0.01800	cum
LB0108	Shingzop Gd 2	0.22200	day
LB0121	Shingzop Gd 4	0.22200	day

SF2004 Providing, preparing and installation of bamboo scaffoldings- above second floor level (Dia > 50mm)

		Coefficient for per Sq.m.	
Code	Description	Coefficient	Unit
LB0108	Bamboo dia > 50mm	8.00000	m
LB0127	Rough-sawn timber (urban rate) - Class 'B',	0.01800	cum
LB0108	Shingzop Gd 2	0.28900	day
LB0121	Shingzop Gd 4	0.28900	day

Providing, hoisting/installation of double (two rows of vertical steel tubes or pipes) steel scaffoldings including all necessary steel fittings (clamps, brackets, nuts and bolts, etc.), working platform complete (>48mm dia, >2.5mm thickness) - upto first floor level

SF2005

Code	Description	Coefficient	Coefficient for per sqm	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.00400		cum
MT1672	Double clip	0.45600		each
MT0221	Nuts and bolts	0.18200		each
MT1677	steel Prop	0.81600		m
LB0032	Metal worker	0.30000		day
LB0121	Shingzop Gd 4	0.22500		day
LB0127	Unskilled	0.51800		day

Providing, hoisting/installation of double (two rows of vertical steel tubes or pipes) steel scaffoldings including all necessary steel fittings (clamps, brackets, nuts and bolts, etc.), working platform complete (>48mm dia, >2.5mm thickness) - first floor level and above

SF2006

Code	Description	Coefficient	Coefficient for per sqm	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.00400		cum
MT1672	Double clip	0.45600		each
MT0221	Nuts and bolts	0.18200		each
MT1677	steel Prop	0.81600		m
LB0032	Metal worker	0.39000		day
LB0121	Shingzop Gd 4	0.29300		day
LB0127	Unskilled	0.67300		day

Providing, hoisting/installation of single (single row of vertical steel tubes or pipes) steel scaffoldings including all necessary steel fittings (clamps, brackets, nuts and bolts, etc.), working platform complete (>48mm dia, >2.5mm thickness) - upto first floor level

SF2007

Code	Description	Coefficient	Coefficient for per sqm	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.00200		cum
MT1672	Double clip	0.22800		each
MT0221	Nuts and bolts	0.09100		each
MT1677	steel Prop	0.40800		m
LB0032	Metal worker	0.15000		day
LB0121	Shingzop Gd 4	0.11300		day
LB0127	Unskilled	0.25900		day

Providing, hoisting/installation of single (single row of vertical steel tubes or pipes) steel scaffoldings including all necessary steel fittings (clamps, brackets, nuts and bolts, etc.), working platform complete (>48mm dia, >2.5mm thickness) - first floor level and above

SF2008

Code	Description	Coefficient	Coefficient for per sqm	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.00200		cum
MT1672	Double clip	0.22800		each
MT0221	Nuts and bolts	0.09100		each
MT1677	steel Prop	0.40800		m
LB0032	Metal worker	0.19500		day
LB0121	Shingzop Gd 4	0.14600		day
LB0127	Unskilled	0.33600		day

Providing, preparing and hoisting of timber props with bracing as per drawing and specification- upto first floor level

SF2009

Code	Description	Coefficient	Coefficient for per cu.m	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	1.15000		cum
LB0108	Shingzop Gd 2	0.50000		day
LB0121	Shingzop Gd 4	0.50000		day
LB0127	Unskilled	0.50000		day

Providing, preparing and hoisting of timber props with bracing as per drawing and specification- first floor level and above

SF2010

Code	Description	Coefficient	Coefficient for per cu.m	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	1.15000		cum
LB0108	Shingzop Gd 2	0.65000		day
LB0121	Shingzop Gd 4	0.65000		day
LB0127	Unskilled	0.65000		day

Providing, preparing and hoisting of steel props with bracing/struts, etc. as per drawing and specification - upto first floor level

Code	Description	Coefficient	Coefficient for per m	
			Unit	
MT1672	Double clip	0.40000	each	
MT0221	Nuts and bolts	0.16000	each	
MT1677	steel Prop	0.20000	m	
LB0032	Metal worker	0.10000	day	
LB0121	Shingzop Gd 4	0.05000	day	
LB0127	Unskilled	0.11500	day	

Providing, preparing and hoisting of steel props with bracing/struts, etc. as per drawing and specification - first floor level and above

Code	Description	Coefficient	Coefficient for per m	
			Unit	
MT1672	Double clip	0.40000	each	
MT0221	Nuts and bolts	0.16000	each	
MT1677	steel Prop	0.20000	m	
LB0032	Metal worker	0.13000	day	
LB0121	Shingzop Gd 4	0.06500	day	
LB0127	Unskilled	0.15000	day	

Repair and maintenance of Shamig-Dakcha (ekra wall) by removing and replacing damaged bamboo splits including grooving frames and applying 20mm Bji (Mud plaster) on both sides excluding the cost of frames

Code	Description	Coefficient	Coefficient for per Sq.m	
			Unit	
MT0042	Mud dry	0.05400	cum	
MT0391	Bamboo dia > 50mm	3.40000	m	
MT0043	sand	0.01300	cum	
LB0102	Shingzop Gd .1	0.12500	day	
LB0104	Bjizop Gd. 1	0.25000	day	
LB0127	Unskilled	0.25000	day	

Providing and laying of Course Rubble Masonry (CRM) in mud mortar - below plinth level (wall thickness <600 mm)

Code	Description	Coefficient	Coefficient for per cu.m	
			Unit	
MT0060	Boulders	1.25000	cum	
MT0042	Mud dry	0.25000	cum	
LB0109	Dozop Gd.2	2.00000	day	
LB0120	Dampen Gd. 3	1.00000	day	
LB0127	Unskilled	3.00000	day	
LB0101	Dozo Lopen	0.50000	day	

Providing and laying of Course Rubble Masonry (CRM) in mud mortar - below plinth level (wall thickness >600 mm)

Code	Description	Coefficient	Coefficient for per cu.m	
			Unit	
MT0060	Boulders	1.25000	cum	
MT0042	Mud dry	0.25000	cum	
LB0109	Dozop Gd.2	4.00000	day	
LB0120	Dampen Gd. 3	1.00000	day	
LB0127	Unskilled	4.00000	day	
LB0101	Dozo Lopen	0.50000	day	

Providing and laying of Course Rubble Masonry (CRM) in mud mortar - above plinth and upto 1st floor level (wall thickness <600 mm)

Code	Description	Coefficient	Coefficient for per cu.m	
			Unit	
MT0060	Boulders	1.25000	cum	
MT0042	Mud dry	0.25000	cum	
LB0109	Dozop Gd.2	2.50000	day	
LB0120	Dampen Gd. 3	1.00000	day	
LB0127	Unskilled	2.50000	day	
LB0101	Dozo Lopen	0.50000	day	

Providing and laying of Course Rubble Masonry (CRM) in mud mortar - above plinth and upto 1st floor level			
SM2004	(wall thickness > 600 mm)		
			Coefficient for per cu.m
Code	Description	Coefficient	Unit
MT0060	Boulders	1.25000	cum
MT0042	Mud dry	0.25000	cum
LB0109	Dozop Gd.2	5.00000	day
LB0120	Dampen Gd. 3	1.00000	day
LB0127	Unskilled	5.00000	day
LB0101	Dozo Lopen	0.50000	day
Providing and laying of Course Rubble Masonry (CRM) in mud mortar - 1st floor and above (wall thickness <600 mm)			
SM2005	<600 mm)		
			Coefficient for per cu.m
Code	Description	Coefficient	Unit
MT0060	Boulders	1.25000	cum
MT0042	Mud dry	0.25000	cum
LB0109	Dozop Gd.2	3.00000	day
LB0120	Dampen Gd. 3	1.00000	day
LB0127	Unskilled	3.00000	day
LB0101	Dozo Lopen	0.50000	day
Providing and laying of Course Rubble Masonry (CRM) in mud mortar - 1st floor and above (wall thickness >600 mm)			
SM2006	>600 mm)		
			Coefficient for per cu.m
Code	Description	Coefficient	Unit
MT0060	Boulders	1.25000	cum
MT0042	Mud dry	0.25000	cum
LB0109	Dozop Gd.2	6.00000	day
LB0120	Dampen Gd. 3	1.00000	day
LB0127	Unskilled	6.00000	day
LB0101	Dozo Lopen	0.50000	day
Providing and Consolidation of Coursed Rubble Masonry (CRM) walls in mud mortar - upto 1st floor level			
SM2007	upto 1st floor level		
			Coefficient for per cu.m
Code	Description	Coefficient	Unit
MT0060	Boulders	1.25000	cum
MT0042	Mud dry	0.25000	cum
LB0108	Dozop Gd.1	1.00000	day
LB0109	Dozop Gd.2	2.00000	day
LB0120	Dampen Gd. 3	1.00000	day
LB0127	Unskilled	4.00000	day
LB0101	Dozo Lopen	0.50000	day
Providing and Consolidation of Coursed Rubble Masonry (CRM) walls in mud mortar - above 1st floor level			
SM2008	above 1st floor level		
			Coefficient for per cu.m
Code	Description	Coefficient	Unit
MT0060	Boulders	1.25000	cum
MT0042	Mud dry	0.25000	cum
LB0108	Dozop Gd.1	1.30000	day
LB0109	Dozop Gd.2	2.60000	day
LB0120	Dampen Gd. 3	1.00000	day
LB0127	Unskilled	5.20000	day
LB0101	Dozo Lopen	0.50000	day
Providing and Consolidation of Random Rubble Masonry (RRM) walls in mud mortar- upto 1st floor level			
SM2009	upto 1st floor level		
			Coefficient for per cu.m
Code	Description	Coefficient	Unit
MT0060	Boulders	1.25000	cum
MT0042	Mud dry	0.25000	cum
LB0108	Dozop Gd.1	0.70000	day
LB0109	Dozop Gd.2	1.70000	day
LB0120	Dampen Gd. 3	1.00000	day
LB0127	Unskilled	3.70000	day
LB0101	Dozo Lopen	0.50000	day
Providing and Consolidation of Random Rubble Masonry (RRM) walls in mud mortar- above 1st floor level			
SM2010	above 1st floor level		
			Coefficient for per cu.m
Code	Description	Coefficient	Unit
MT0060	Boulders	1.25000	cum
MT0042	Mud dry	0.25000	cum

LB0108	Dozop Gd.1	0.91000	day
LB0109	Dozop Gd.2	2.21000	day
LB0120	Dampen Gd. 3	1.00000	day
LB0127	Unskilled	4.81000	day
LB0101	Dozo Lopen	0.50000	day

Repair and stitching of existing stone masonry walls in mud mortar using local materials and traditional methods

SM2011

		Coefficient for per cu.m	
Code	Description	Coefficient	Unit
MT0060	Boulders	1.25000	cum
MT0042	Mud dry	0.25000	cum
LB0108	Dozop Gd.1	3.00000	day
LB0120	Dampen Gd. 3	1.00000	day
LB0127	Unskilled	3.00000	day
LB0101	Dozo Lopen	0.50000	day

Providing and constructing of rammed earth wall in superstructure including cost of Padom (formwork) and

SM2012 Zungshing, etc. - upto 1st floor level

		Coefficient for per cu.m	
Code	Description	Coefficient	Unit
MT0042	Mud dry	1.30000	cum
MT0043	Sand(If applicable)	0.05000	cum
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.03000	cum
LB0105	Pazob Gd.1	0.25000	day
LB0108	Shingzop Gd 2	0.37500	day
LB0127	Unskilled	2.00000	day

Providing and constructing of rammed earth wall in superstructure including cost of Padom (formwork) and

SM2013 Zungshing, etc. - 1st floor and above

		Coefficient for per cu.m	
Code	Description	Coefficient	Unit
MT0042	Mud dry	1.30000	cum
MT0043	Sand(If applicable)	0.05000	cum
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.03000	cum
LB0105	Pazob Gd.1	0.25000	day
LB0108	Shingzop Gd 2	0.46900	day
LB0127	Unskilled	2.50000	day

Providing and laying 3 layers (Bjidhen-Dacha-Zhungdah) of Bji (mud plaster) using traditional techniques with finished surface (thickness 25mm to 50 mm)

PL2001

		Coefficient per sq.m.	
Code	Description	Coefficient	Unit
MT0042	Mud dry	0.06300	cum
MT0043	sand	0.00800	cum
LB0104	Bjizop Gd 1	0.37500	day
LB0127	Unskilled	0.46000	day

Providing, repairing and consolidation of damaged Bji (Mud plaster) on masonry wall including removal of damaged Bji and disposal of debris within 200m lead

PL2002

		Coefficient per sq.m.	
Code	Description	Coefficient	Unit
MT0042	Mud dry	0.06300	cum
MT0043	sand	0.00800	cum
LB0104	Bjizop Gd 1	0.46000	day
LB0127	Unskilled	0.71300	day

Providing and repairing of damaged Bji (Mud plaster) on both sides of the Shamig-Dakcha (ekra wall) including removal of existing Bji and disposal of debris within 200m lead

PL2003

		Coefficient per sq.m.	
Code	Description	Coefficient	Unit
MT0042	Mud dry	0.04000	cum
MT0043	sand	0.01000	cum
LB0104	Bjizop Gd 1	0.46000	day
LB0127	Unskilled	0.46000	day

WW2001 Providing, hoisting & fixing dressed wood work on chams (joists), including applying wood preservative to unexposed surfaces embedded to the existing masonry wall - class 'A', (conifer)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	1.15000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd.1	1.75000		day
LB0114	Shingzop Gd.3	5.75000		day
LB0121	Shingzop Gd. 4	1.00000		day
LB0100	Zopen	0.15600		day

WW2002 Providing, hoisting & fixing dressed wood work on Chams (joists), including applying wood preservative to unexposed surfaces embedded to the existing masonry wall- Class 'B', (conifer)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	1.15000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd.1	1.75000		day
LB0114	Shingzop Gd. 3	6.68800		day
LB0121	Shingzop Gd. 4	1.25000		day
LB0100	Zopen	0.15600		day

WW2003 Providing, hoisting & fixing dressed wood work on Chams (joists), including applying wood preservative to unexposed surfaces embedded to the existing masonry wall- class 'A' ,(broad leaf)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.15000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd.1	2.18800		day
LB0114	Shingzop Gd.3	7.18800		day
LB0121	Shingzop Gd. 4	1.25000		day
LB0100	Zopen	0.15600		day

WW2004 Providing, hoisting & fixing dressed wood work on chams (joists), including applying wood preservative to unexposed surfaces embedded to the existing masonry wall - class 'B' ,(broad leaf)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	1.15000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd.1	2.18800		day
LB0114	Shingzop Gd.3	7.18800		day
LB0121	Shingzop Gd. 4	1.25000		day
LB0100	Zopen	0.15600		day

WW2005 Repairing the damaged part of chams (joists), including applying wood preservative to unexposed surfaces embedded in the existing masonry wall - class 'A', (conifer)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	0.15000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd1	1.00000		day
LB0121	Shingzop Gd4	1.00000		day

WW2006 Repairing the damaged part of chams (joists), including applying wood preservative to unexposed surfaces embedded to the existing masonry wall - class 'B', (conifer)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.15000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd1	1.05000		day
LB0121	Shingzop Gd4	1.05000		day

WW2007 Repairing the damaged part of chams (joists), including applying wood preservative to unexposed surfaces embedded to the existing masonry wall - class 'A' ,(broad leaf)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	0.15000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd1	1.10300		day
LB0121	Shingzop Gd4	1.10300		day

Repairing the damaged part of chams (joists), including applying wood preservative to unexposed surfaces embedded to the existing masonry wall - class 'B', (broad leaf)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	0.15000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd1	1.10300		day
LB0121	Shingzop Gd4	1.10300		day

WW2009 Reinstallation of repaired Chams (joists) including hoisting to the existing masonry wall

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
LB0102	Shingzop Gd.1	0.50000		day
LB0114	Shingzop Gd. 3	2.00000		day
LB0121	Shingzop Gd. 4	1.00000		day
LB0100	Zopen	0.15600		day

WW2010 Providing & fixing in position dressed wood works in frames of doors and windows in the existing masonry wall including applying wood preservatives - Class 'A', (conifer)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	1.20000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd.1	4.00000		day
LB0108	Shingzop Gd. 2	5.00000		day
LB0121	Shingzop Gd.4	3.00000		day
LB0100	Zopen	2.00000		day

WW2011 Providing & fixing in position dressed wood works in frames of doors and windows in the existing masonry wall including applying wood preservatives - Class 'B', conifer

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	1.20000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd.1	5.00000		day
LB0108	Shingzop Gd. 2	5.00000		day
LB0121	Shingzop Gd.4	3.00000		day
LB0100	Zopen	2.00000		day

WW2012 Providing & fixing in position dressed wood works in frames of doors and windows in the existing masonry wall including applying wood preservatives - class 'A', (broad leaf)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.20000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd.1	5.00000		day
LB0108	Shingzop Gd. 2	6.00000		day
LB0121	Shingzop Gd.4	3.00000		day
LB0100	Supervisor	2.00000		day

WW2013 Providing & fixing in position dressed wood works in frames of doors and windows in the existing masonry wall including applying wood preservatives - class 'B', (broad leaf)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	1.20000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd.1	5.00000		day
LB0108	Shingzop Gd. 2	6.00000		day
LB0121	Shingzop Gd.4	3.00000		day
LB0100	Supervisor	2.00000		day

WW2014 Refurbishment of doors and windows components including sanding, surfacing and patch-filling without disassembling

			Coefficient for per Sq.m	
Code	Description	Coefficient		Unit
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	0.06000		cum
MT0735	Wood preservative materials	1.00000		Litre

LB0102	Shingzop Gd1	1.00000	day
LB0108	Shingzop Gd2	0.50000	day

WW2015 Repair of doors and windows components including sanding, surfacing, applying of wood preservative, etc. with disassembling complete - class 'A', (conifer)

Code	Description	Coefficient	Unit	Coefficient for per cu.m
MT0331	Rough-sawn timber (urban rate) - Class 'A',	1.20000	cum	
MT0735	Wood preservative materials	0.21000	Litre	
LB0102	Shingzop Gd1	3.00000	day	
LB0108	Shingzop Gd2	4.00000	day	
LB0121	Shingzop Gd4	2.00000	day	
LB0100	Zopen	1.00000	day	

WW2016 Repair of doors and windows components including sanding, surfacing, applying of wood preservative, etc. with disassembling complete - class 'B', (conifer)

Code	Description	Coefficient	Unit	Coefficient for per cu.m
MT0330	Rough-sawn timber (urban rate) - Class 'B',	1.20000	cum	
MT0735	Wood preservative materials	0.21000	Litre	
LB0102	Shingzop Gd1	3.15000	day	
LB0108	Shingzop Gd2	4.20000	day	
LB0121	Shingzop Gd4	2.10000	day	
LB0100	Zopen	1.05000	day	

WW2017 Repair of doors and windows components including sanding, surfacing, applying of wood preservative, etc. with disassembling complete - class 'A', (broad leaf)

Code	Description	Coefficient	Unit	Coefficient for per cu.m
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.20000	cum	
MT0735	Wood preservative materials	0.21000	Litre	
LB0102	Shingzop Gd1	3.30800	day	
LB0108	Shingzop Gd2	4.41000	day	
LB0121	Shingzop Gd4	2.20500	day	
LB0100	Zopen	1.00000	day	

WW2018 Repair of doors and windows components including sanding, surfacing, applying of wood preservative, etc. with disassembling complete - class 'B', (broad leaf)

Code	Description	Coefficient	Unit	Coefficient for per cu.m
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	1.20000	cum	
MT0735	Wood preservative materials	0.21000	Litre	
LB0102	Shingzop Gd1	3.30800	day	
LB0108	Shingzop Gd2	4.41000	day	
LB0121	Shingzop Gd4	2.20500	day	
LB0100	Zopen	1.00000	day	

WW2019 Reinstallation of timber doors and windows to the existing wall - ground floor level (<3.0 sqm surface area)

Code	Description	Coefficient	Unit	Coefficient for per each
LB0102	Shingzop Gd1	0.12500	day	
LB0108	Shingzop Gd 2	0.37500	day	
LB0121	Shingzop Gd.4	0.37500	day	

WW2020 Reinstallation of timber doors and windows to the existing wall - ground floor level (3sqm to 6sqm surface area)

Code	Description	Coefficient	Unit	Coefficient for per each
LB0102	Shingzop Gd1	0.13800	day	
LB0108	Shingzop Gd 2	0.41300	day	
LB0121	Shingzop Gd.4	0.41300	day	
	Total rate	0.96300		

WW2021 Reinstallation of timber doors and windows to the existing wall - ground floor level (> 6.0 sqm surface area)

Code	Description	Coefficient	Unit	Coefficient for per each
LB0102	Shingzop Gd1	0.15000	day	
LB0108	Shingzop Gd 2	0.45000	day	
LB0121	Shingzop Gd.4	0.45000	day	

WW2022 Reinstallation of timber doors and windows to the existing wall - first floor level and above (<3.0 sqm surface			
Code	Description	Coefficient	Coefficient for per each Unit
Labour			
LB0102	Shingzop Gd1	0.15600	day
LB0108	Shingzop Gd 2	0.46900	day
LB0121	Shingzop Gd.4	0.46900	day
Reinstallation of timber doors and windows to the existing wall - first floor level and above (3.0sq.m - 6.0sqm surface area)			
Code	Description	Coefficient	Coefficient for per each Unit
Labour			
LB0102	Shingzop Gd1	0.17200	day
LB0108	Shingzop Gd 2	0.51600	day
LB0121	Shingzop Gd.4	0.51600	day
Reinstallation of timber doors and windows to the existing wall - first floor level and above (> 6.0 sqm surface area)			
Code	Description	Coefficient	Coefficient for per each Unit
Labour			
LB0102	Shingzop Gd1	0.18800	day
LB0108	Shingzop Gd 2	0.56300	day
LB0121	Shingzop Gd.4	0.56300	day
Providing & fixing in position dressed wood work for Kachen (column), Zhu (capital) and Phue including applying wood preservatives, decorative - class 'A' ,(conifer)			
Code	Description	Coefficient	Coefficient for per cu.m Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	1.25000	cum
MT0735	Wood preservative materials	0.21000	Litre
LB0102	Shingzop Gd.1	8.00000	day
LB0108	Shingzop Gd.2	8.00000	day
LB0121	Shingzop Gd.4	3.00000	day
LB0100	Zopen	1.68800	day
Providing & fixing in position dressed wood work for Kachen (column), Zhu (capital) and Phue including applying wood preservatives, decorative - class 'B' ,(conifer)			
Code	Description	Coefficient	Coefficient for per cu.m Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	1.25000	cum
MT0735	Wood preservative materials	0.21000	Litre
LB0102	Shingzop Gd.1	8.40000	day
LB0108	Shingzop Gd.2	8.40000	day
LB0121	Shingzop Gd.4	3.15000	day
LB0100	Zopen	1.68800	day
Providing & fixing in position dressed wood work for Kachen (column), Zhu (capital) and Phue including applying wood preservatives, decorative - class 'A' ,(broad leaf)			
Code	Description	Coefficient	Coefficient for per cu.m Unit
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.25000	cum
MT0735	Wood preservative materials	0.21000	Litre
LB0102	Shingzop Gd.1	8.82000	day
LB0108	Shingzop Gd.2	8.82000	day
LB0121	Shingzop Gd.4	3.30800	day
LB0100	Zopen	1.68800	day
Providing & fixing in position dressed wood work for Kachen (column), Zhu (capital) and Phue including applying wood preservatives, decorative - class 'B' ,(broad leaf)			
Code	Description	Coefficient	Coefficient for per cu.m Unit
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	1.25000	cum
MT0735	Wood preservative materials	0.21000	Litre
LB0102	Shingzop Gd.1	8.82000	day
LB0108	Shingzop Gd.2	8.82000	day
LB0121	Shingzop Gd.4	3.30800	day
LB0100	Zopen	1.68800	day

WW2029 Providing & fixing in position dressed wood work for Kachen (column), Zhu (capital) and Phue including applying wood preservatives, non decorative - class 'A' ,(conifer)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	1.25000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd.1	7.00000		day
LB0108	Shingzop Gd.2	8.00000		day
LB0100	Zopen	1.00000		day

WW2030 Providing & fixing in position dressed wood work for Kachen (column), Zhu (capital) and Phue including applying wood preservatives, non decorative - class 'B' ,(conifer)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	1.25000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd.1	7.35000		day
LB0108	Shingzop Gd.2	8.40000		day
LB0100	Zopen	1.00000		day

WW2031 Providing & fixing in position dressed wood work for Kachen (column), Zhu (capital) and Phue including applying wood preservatives, non decorative - class 'A' ,(broad leaf)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.25000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd.1	7.71800		day
LB0108	Shingzop Gd.2	8.82000		day
LB0100	Zopen	1.00000		day

WW2032 Providing & fixing in position dressed wood work for Kachen (column), Zhu (capital) and Phue including applying wood preservatives, non decorative - class 'B' ,(broad leaf)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	1.25000		cum
MT0735	Wood preservative materials	0.21000		Litre
LB0102	Shingzop Gd.1	7.71800		day
LB0108	Shingzop Gd.2	8.82000		day
LB0100	Zopen	1.00000		day

WW2033 Restoring the damaged part of the existing Kachen (column), Zhu (capital) and Phue, including sanding, surfacing and patch-filling in its original position - non decorative

			Coefficient for per sq.m	
Code	Description	Coefficient		Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	0.05000		cum
LB0102	Shingzop Gd1	2.00000		day
LB0108	Shingzop Gd2	2.00000		day

WW2034 Restoring the damaged part of the existing Kachen (column), Zhu (capital) and Phue, including sanding, surfacing and patch-filling in its original position - decorative

			Coefficient for per sq.m	
Code	Description	Coefficient		Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.05000		cum
LB0102	Shingzop Gd1	2.50000		day
LB0108	Shingzop Gd2	2.50000		day

WW2035 Repair and replacement of the damaged part of Kachen (column) and its components including sanding, and surfacing, non decorative- class 'A' ,(conifer)

			Coefficient for per cu.m	
Code	Description	Coefficient		Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	1.25000		cum
LB0102	Shingzop Gd.1	10.00000		day
LB0108	Shingzop Gd.2	11.25000		day
LB0100	Zopen	1.00000		day

WW2036	Repair and replacement of the damaged part of Kachen (column) and its components including sanding, and surfacing, non decorative- class 'B' ,(conifer)			Coefficient for per cu.m
	Code	Description	Coefficient	Unit
	MT0330	Rough-sawn timber (urban rate) - Class 'B',	1.25000	cum
	LB0102	Shingzop Gd.1	9.50000	day
	LB0108	Shingzop Gd.2	10.69000	day
	LB0100	Zopen	1.00000	day
WW2037	Repair and replacement of the damaged part of Kachen (column) and its components including sanding, and surfacing, non decorative- class 'A' ,(broad leaf)			Coefficient for per cu.m
	Code	Description	Coefficient	Unit
	MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.25000	cum
	LB0102	Shingzop Gd.1	9.50000	day
	LB0108	Shingzop Gd.2	11.25000	day
	LB0100	Zopen	1.00000	day
WW2038	Repair and replacement of the damaged part of Kachen (column) and its components including sanding, and surfacing, non decorative- class 'B' ,(broad leaf)			Coefficient for per cu.m
	Code	Description	Coefficient	Unit
	MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	1.25000	cum
	LB0102	Shingzop Gd.1	9.50000	day
	LB0108	Shingzop Gd.2	10.69000	day
	LB0100	Zopen	1.00000	day
WW2039	Repair and replacement of the damaged part of Kachen (column) and its components including sanding, and surfacing, decorative- class 'A' ,(conifer)			Coefficient for per cu.m
	Code	Description	Coefficient	Unit
	MT0331	Rough-sawn timber (urban rate) - Class 'A',	1.25000	cum
	LB0102	Shingzop Gd.1	11.00000	day
	LB0108	Shingzop Gd.2	12.37500	day
	LB0100	Zopen	1.00000	day
WW2040	Repair and replacement of the damaged part of Kachen (column) and its components including sanding, and surfacing, decorative- class 'B' ,(conifer)			Coefficient for per cu.m
	Code	Description	Coefficient	Unit
	MT0330	Rough-sawn timber (urban rate) - Class 'B',	1.25000	cum
	LB0102	Shingzop Gd.1	10.45000	day
	LB0108	Shingzop Gd.2	11.38000	day
	LB0100	Zopen	1.00000	day
WW2041	Repair and replacement of the damaged part of Kachen (column) and its components including sanding, and surfacing, decorative- class 'A' ,(broad leaf)			Coefficient for per cu.m
	Code	Description	Coefficient	Unit
	MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.25000	cum
	LB0102	Shingzop Gd.1	11.00000	day
	LB0108	Shingzop Gd.2	12.37500	day
	LB0100	Zopen	1.00000	day
WW2042	Repair and replacement of the damaged part of Kachen (column) and its components including sanding, and surfacing, decorative- class 'B' ,(broad leaf)			Coefficient for per cu.m
	Code	Description	Coefficient	Unit
	MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	1.25000	cum
	LB0102	Shingzop Gd.1	10.45000	day
	LB0108	Shingzop Gd.2	11.38500	day
	LB0100	Zopen	1.00000	day
WW2043	Restoration of damaged inner core portion of Kachen (column) including disassembling, refilling, surfacing & reinstallation			Coefficient for per cu.m
	Code	Description	Coefficient	Unit
	MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.25000	cum
	LB0102	Shingzop Gd1	12.75000	day

LB0108	Shingzop Gd2	12.75000	day
LB0100	Zopen	0.25000	day

WW2044 Realignment of Kachens (columns) components excluding the cost for propping

Code	Description	Coefficient	Unit
LB0114	Shingzop Gd 3	1.00000	day
LB0100	Zopen	0.25000	day

Providing & fixing in position dressed wood work for Dhung and applying wood preservative to unexposed**WW2045 surfaces- class 'A' ,(conifer)**

Code	Description	Coefficient	Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	1.10000	cum
MT0735	Wood preservative materials	0.21000	Litre
LB0108	Shingzop Gd.2	9.75000	day
LB0114	Shingzop Gd.3	8.25000	day
LB0100	Zopen	0.15600	day

Providing & fixing in position dressed wood work for Dhung and applying wood preservative to unexposed**WW2046 surfaces- Class 'B', (conifer)**

Code	Description	Coefficient	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	1.10000	cum
MT0735	Wood preservative materials	0.21000	Litre
LB0108	Shingzop Gd.2	10.23800	day
LB0114	Shingzop Gd.3	8.66300	day
LB0100	Zopen	0.15600	day

Providing & fixing in position dressed wood work for Dhung and applying wood preservative to unexposed**WW2047 surfaces- class 'A' ,(broad leaf)**

Code	Description	Coefficient	Unit
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.10000	cum
MT0735	Wood preservative materials	0.21000	Litre
LB0108	Shingzop Gd.2	10.74900	day
LB0114	Shingzop Gd.3	9.09600	day
LB0100	Zopen	0.15600	day

Providing & fixing in position dressed wood work for Dhung and applying wood preservative to unexposed**WW2048 surfaces- class 'B' ,(broad leaf)**

Code	Description	Coefficient	Unit
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	1.10000	cum
MT0735	Wood preservative materials	0.21000	Litre
LB0108	Shingzop Gd.2	10.74900	day
LB0114	Shingzop Gd.3	9.09600	day
LB0100	Zopen	0.15600	day

Providing and repairing of Dhung, Norbu Horzhu, Bagam and Pem Choetse without removal from the original**WW2049 position (Patch work), including hoisting, applying wood preservative on unexposed surfaces**

Code	Description	Coefficient	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.17300	cum
MT0735	Wood preservative materials	0.21000	Litre
LB0102	Shingzop Gd1	1.00000	day
LB0108	Shingzop Gd2	3.00000	day

Providing, repairing & installation of Dhung with disassembly from the wall, including hoisting, applying wood**WW2050 preservative on unexposed surfaces- class 'A' ,(conifer)**

Code	Description	Coefficient	Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	1.10000	cum
MT0735	Wood preservative materials	0.21000	Litre
LB0108	Shingzop Gd.2	8.00000	day
LB0114	Shingzop Gd.3	8.75000	day
LB0121	Shingzop Gd. 4	4.00000	day
LB0100	Zopen	0.15600	day

Providing, repairing & installation of Dhung with disassembly from the wall, including hoisting, applying wood preservative on unexposed surfaces- class 'B', (conifer)

			Coefficient for per cu.m	
Code	Description	Coefficient	Unit	
MT0330	Rough-sawn timber (urban rate) - Class 'B',	1.10000	cum	
MT0735	Wood preservative materials	0.21000	Litre	
LB0108	Shingzop Gd.2	8.40000	day	
LB0114	Shingzop Gd.3	9.18800	day	
LB0121	Shingzop Gd. 4	4.20000	day	
LB0100	Zopen	0.15600	day	

Providing, repairing & installation of Dhung with disassembly from the wall, including hoisting, applying wood preservative on unexposed surfaces- class 'A' ,(broad leaf)

			Coefficient for per cu.m	
Code	Description	Coefficient	Unit	
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.10000	cum	
MT0735	Wood preservative materials	0.21000	Litre	
LB0108	Shingzop Gd.2	8.82000	day	
LB0114	Shingzop Gd.3	9.64700	day	
LB0121	Shingzop Gd. 4	4.41000	day	
LB0100	Zopen	0.15600	day	

Providing, repairing & installation of Dhung with disassembly from the wall, including hoisting, applying wood preservative on unexposed surfaces- class 'B' ,(broad leaf)

			Coefficient for per cu.m	
Code	Description	Coefficient	Unit	
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	1.10000	cum	
MT0735	Wood preservative materials	0.21000	Litre	
LB0108	Shingzop Gd.2	8.82000	day	
LB0114	Shingzop Gd.3	9.64700	day	
LB0121	Shingzop Gd. 4	4.41000	day	
LB0100	Zopen	0.15600	day	

Providing & fixing in position dressed wood work for Pem Choetse including applying wood preservatives - class 'A', (conifer)

			Coefficient for per cu.m	
Code	Description	Coefficient	Unit	
MT0331	Rough-sawn timber (urban rate) - Class 'A',	0.02800	cum	
MT0735	Wood preservative materials	0.21000	Litre	
LB0102	Shingzop Gd.1	0.46900	day	
LB0114	Shingzop Gd.3	0.08800	day	
LB0100	Zopen	0.08800	day	

Providing & fixing in position dressed wood work for Pem Choetse including applying wood preservatives - class 'B', (conifer)

			Coefficient for per cu.m	
Code	Description	Coefficient	Unit	
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.02800	cum	
MT0735	Wood preservative materials	0.21000	Litre	
LB0102	Shingzop Gd.1	0.49200	day	
LB0114	Shingzop Gd.3	0.09200	day	
LB0100	Zopen	0.08800	day	

Providing & fixing in position dressed wood work for Pem Choetse including applying wood preservatives - class 'A' ,(broad leaf)

			Coefficient for per cu.m	
Code	Description	Coefficient	Unit	
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	0.02800	cum	
MT0735	Wood preservative materials	0.21000	Litre	
LB0102	Shingzop Gd.1	0.51700	day	
LB0114	Shingzop Gd.3	0.09700	day	
LB0100	Zopen	0.08800	day	

Providing & fixing in position dressed wood work for Pem Choetse including applying wood preservatives - class 'B', (broad leaf)

			Coefficient for per cu.m	
Code	Description	Coefficient	Unit	
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	0.02800	cum	

MT0735	Wood preservative materials	0.21000	Litre
LB0102	Shingzop Gd.1	0.51700	day
LB0114	Shingzop Gd.3	0.09700	day
LB0100	Zopen	0.08800	day

Providing & fixing in position dressed wood work for Norbu horzhu and Bagam including applying wood**WW2058 preservatives - class 'A', (conifer)**

Code	Description	Coefficient	Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	0.07500	cum
MT0735	Wood preservative materials	0.42000	Litre
LB0102	Shingzop Gd.1	1.02500	day
LB0114	Shingzop Gd.3	0.41000	day
LB0100	Zopen	0.05500	day

Providing & fixing in position dressed wood work for Norbu horzhu and Bagam including applying wood**WW2059 preservatives - class 'B', (conifer)**

Code	Description	Coefficient	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.07500	cum
MT0735	Wood preservative materials	0.42000	Litre
LB0102	Shingzop Gd.1	1.07600	day
LB0114	Shingzop Gd.3	0.43100	day
LB0100	Zopen	0.05500	day

Providing & fixing in position dressed wood work for Norbu horzhu and Bagam including applying wood**WW2060 preservatives - class 'A', (broad leaf)**

Code	Description	Coefficient	Unit
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	0.07500	cum
MT0735	Wood preservative materials	0.42000	Litre
LB0102	Shingzop Gd.1	1.13000	day
LB0114	Shingzop Gd.3	0.45200	day
LB0100	Zopen	0.05500	day

Providing & fixing in position dressed wood work for Norbu horzhu and Bagam including applying wood**WW2061 preservatives - class 'B', (broad leaf)**

Code	Description	Coefficient	Unit
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	0.07500	cum
MT0735	Wood preservative materials	0.42000	Litre
LB0102	Shingzop Gd.1	1.13000	day
LB0114	Shingzop Gd.3	0.45200	day
LB0100	Zopen	0.05500	day

WW2062 Providing & fixing in position dressed wood work - Bogh single layer

Code	Description	Coefficient	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.14900	cum
LB0108	Shingzop Gd.2	0.50000	day
LB0121	Shingzop Gd.4	0.12500	day
LB0100	Zopen	0.04200	day

WW2063 Providing & fixing in position dressed wood work - Bogh double layer

Code	Description	Coefficient	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.32000	cum
LB0108	Shingzop Gd.2	1.07500	day
LB0121	Shingzop Gd.4	0.26900	day
LB0100	Zopen	0.04200	day

WW2064 Providing & fixing in position dressed wood work - Phana/Phuto boow including Phakhep complete

Code	Description	Coefficient	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.21000	cum
LB0102	Shingzop Gd.1	2.50000	day
LB0108	Shingzop Gd.2	0.25000	day
LB0121	Shingzop Gd.4	0.12500	day
LB0100	Zopen	0.12500	day

WW2065 Providing & fixing in position dressed wood work for Langna Drey Zhu complete including applying wood preservatives - class 'A', (conifer)

Code	Description	Coefficient	Coefficient for per cu.m	Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	1.25000		cum
MT0735	Wood preservative	0.21000		ltrs
LB0108	Shingzop Gd.2	10.14000		day
LB0121	Shingzop Gd.4	1.69000		day
LB0100	Zopen	0.84500		day

WW2066 Providing & fixing in position dressed wood work for Langna Drey Zhu complete including applying wood preservatives - class 'B', (conifer)

Code	Description	Coefficient	Coefficient for per cu.m	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	1.25000		cum
MT0735	Wood preservative	0.21000		ltrs
LB0108	Shingzop Gd.2	10.64700		day
LB0121	Shingzop Gd.4	1.77500		day
LB0100	Zopen	0.84500		day

WW2067 Providing & fixing in position dressed wood work for Langna Drey Zhu complete including applying wood preservatives - class 'A', (broad leaf)

Code	Description	Coefficient	Coefficient for per cu.m	Unit
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	1.25000		cum
MT0735	Wood preservative	0.21000		ltrs
LB0108	Shingzop Gd.2	11.17900		day
LB0121	Shingzop Gd.4	1.86300		day
LB0100	Zopen	0.84500		day

WW2068 Providing & fixing in position dressed wood work for Langna Drey Zhu complete including applying wood preservatives - class 'B', (broad leaf)

Code	Description	Coefficient	Coefficient for per cu.m	Unit
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	1.25000		cum
MT0735	Wood preservative	0.21000		ltrs
LB0108	Shingzop Gd.2	11.17900		day
LB0121	Shingzop Gd.4	1.86300		day
LB0100	Zopen	0.84500		day

WW2069 Providing, making and fixing dressed wood work in traditional Tshegay 25mm to 75mm thick as per architectural drawing complete - in class 'A', (conifer)

Code	Description	Coefficient	Coefficient for per sq.m	Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	0.06900		cum
LB0108	Shingzop Gd.2	5.35700		day
LB0121	Shingzop Gd.4	1.34000		day

WW2070 Providing, making and fixing dressed wood work in traditional Tshegay 25mm to 75mm thick as per architectural drawing complete - in class 'B', (conifer)

Code	Description	Coefficient	Coefficient for per sq.m	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.06900		cum
LB0108	Shingzop Gd.2	5.62500		day
LB0121	Shingzop Gd.4	1.40700		day

WW2071 Providing, making and fixing dressed wood work in traditional Tshegay 25mm to 75mm thick as per architectural drawing complete - in class 'A', (broad leaf)

Code	Description	Coefficient	Coefficient for per sq.m	Unit
MT0332	Rough-sawn timber - Class 'A', (Broad Leaf)	0.06900		cum
LB0108	Shingzop Gd.2	5.90600		day
LB0121	Shingzop Gd.4	1.47700		day

WW2072 Providing, making and fixing dressed wood work in traditional Tshegay 25mm to 75mm thick as per architectural drawing complete - in class 'B' ,(broad leaf)

Code	Description	Coefficient	Coefficient for per sq.m	Unit
MT0333	Rough-sawn timber - Class 'B', (Broad Leaf)	0.06900		cum
LB0108	Shingzop Gd.2	5.90600		day
LB0121	Shingzop Gd.4	1.47700		day

WW2073 Providing & fixing 50mm thick, half-lapped Thinzhi enta (Timber flooring) / Nampa enta (Ceiling plank) including fixing with iron screws etc. complete, excluding the cost of frame- class 'A', (conifer)

Code	Description	Coefficient	Coefficient for per sq.m	Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	0.07000		cum
LB0108	Shingzop Gd.2	0.18800		day
LB0114	Shingzop Gd. 3	0.18800		day
LB0121	Shingzop Gd.4	0.12500		day
LB0100	Zopen	0.06300		day

WW2074 Providing & fixing 50mm thick, half-lapped Thinzhi enta (Timber flooring) / Nampa enta (Ceiling plank) including fixing with iron screws etc. complete, excluding the cost of frame- class 'B', (conifer)

Code	Description	Coefficient	Coefficient for per sq.m	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.07000		cum
LB0108	Shingzop Gd.2	0.19700		day
LB0114	Shingzop Gd. 3	0.19700		day
LB0121	Shingzop Gd.4	0.13100		day
LB0100	Zopen	0.06300		day

WW2075 Providing & fixing 75mm thick, half-lapped(wider) Thinzhi enta (Timber flooring) / Nampa enta (Ceiling plank) including fixing with iron screws etc. complete, excluding the cost of frame - class 'A', (conifer)

Code	Description	Coefficient	Coefficient for per sq.m	Unit
MT0331	Rough-sawn timber (urban rate) - Class 'A',	0.10000		cum
LB0108	Shingzop Gd.2	0.27500		day
LB0114	Shingzop Gd. 3	0.27500		day
LB0121	Shingzop Gd.4	0.13800		day
LB0100	Zopen	0.06300		day

WW2076 Providing & fixing 75mm thick, half-lapped(wider) Thinzhi enta (Timber flooring) / Nampa enta (Ceiling plank) including fixing with iron screws etc. complete, excluding the cost of frame - class 'B', (conifer)

Code	Description	Coefficient	Coefficient for per sq.m	Unit
MT0330	Rough-sawn timber (urban rate) - Class 'B',	0.10000		cum
LB0108	Shingzop Gd.2	0.28900		day
LB0114	Shingzop Gd. 3	0.28900		day
LB0121	Shingzop Gd.4	0.14400		day
LB0100	Zopen	0.06300		day

WW2077 Repairing and fixing of existing Thinzhi enta (Timber flooring) /Nampa enta (Ceiling plank) including cleaning, sanding, etc. complete

Code	Description	Coefficient	Coefficient for per sq.m	Unit
LB0102	Shingzop Gd1	0.12500		day
LB0114	Shingzop Gd3	0.18800		day

CR2001 Traditional Carving on the fabricated timber components, excluding the cost of timber - rab (hard wood)

Code	Description	Coefficient	Coefficient for per sq.m	Unit
LB0106	Parp Gd 1	12.87400		day

CR2002 Traditional Carving on the fabricated timber components, excluding the cost of timber - ding (hard wood)

Code	Description	Coefficient	Coefficient for per sq.m	Unit
LB0106	Parp Gd 1	12.08600		day

CR2003	Traditional Carving on the fabricated timber components, excluding the cost of timber - thama (hard wood)			Coefficient for per sq.m
	Code	Description	Coefficient	Unit
	LB0106	Parp Gd 1	8.51300	day
CR2004	Traditional Carving on the fabricated timber components, excluding the cost of timber - rab (soft wood)			Coefficient for per sq.m
	Code	Description	Coefficient	Unit
	LB0106	Parp Gd 1	11.56100	day
CR2005	Traditional Carving on the fabricated timber components, excluding the cost of timber -ding(soft wood)			Coefficient for per sq.m
	Code	Description	Coefficient	Unit
	LB0106	Parp Gd 1	11.03500	day
CR2006	Traditional Carving on the fabricated timber components, excluding the cost of timber - thama (soft wood)			Coefficient for per sq.m
	Code	Description	Coefficient	Unit
	LB0106	Parp Gd 1	7.51400	day
CR2007	Traditional 3D Carving (Drukim) complete, excluding the cost of timber - rab			Coefficient for per sq.m
	Code	Description	Coefficient	Unit
	LB0106	Parp Gd 1	38.62300	day
CR2008	Traditional 3D Carving (Drukim) complete, excluding the cost of timber - ding			Coefficient for per sq.m
	Code	Description	Coefficient	Unit
	LB0106	Parp Gd 1	30.21600	day
CR2009	Traditional 3D Carving (Drukim) complete, excluding the cost of timber - thama			Coefficient for per sq.m
	Code	Description	Coefficient	Unit
	LB0106	Parp Gd 1	12.76900	day
CR2010	Traditional 3D Carving (Masks; Meshang, Chuseng, Singye, etc.) complete, excluding the cost of timber - size < 0.036 sqm c/s area			Coefficient for per each
	Code	Description	Coefficient	Unit
	LB0106	Parp Gd 1	6.83700	day
CR2011	Traditional 3D Carving (Masks; Meshang, Chuseng, Singye, etc.) complete, excluding the cost of timber - size 0.036sqm to 0.058sqm c/s area			Coefficient for per each
	Code	Description	Coefficient	Unit
	LB0106	Parp Gd 1	7.81400	day
CR2012	Traditional 3D Carving (Masks; Meshang, Chuseng, Singye, etc.) complete, excluding the cost of timber - size > 0.058sqm c/s area			Coefficient for per each
	Code	Description	Coefficient	Unit
	LB0106	Parp Gd 1	9.76700	day

DATA SHEET 1 - CARRIAGE OF MATERIALS BY MECHANICAL TRANSPORT BY HILL ROADS

Lead in K.M Dist..	Average Speed	No of Trips in 8 hours X	No of Kms Covered in 8 hours shift = 2xd + 8	Cost of Loading, Unloading and Stacking. 4 Labourers for 8 Hours @ Nu. 460 Per day	Hire Charges of Truck with fuel @ Nu. 9144 per day	Total Cost = total of 5 & 6	Cost per trip = Col 7/col 3	Increase in cost per km in comparison to previous KM.	Average increase in cost for 5 km dis., 5 to 10 km, 10 km to 20 km etc.
1	2	3	4	5	6	7	8	9	
1	20	7.27	22.55	1840.00	9144.00	10984.00	1510.30		
2	21	6.72	34.88	1840.00	9144.00	10984.00	1634.52	124.22	
3	21.5	6.25	45.53	1840.00	9144.00	10984.00	1756.16	121.64	
4	22	5.87	54.93	1840.00	9144.00	10984.00	1872.27	116.11	
5	22.5	5.54	63.38	1840.00	9144.00	10984.00	1983.22	110.95	
6	23	5.26	71.09	1840.00	9144.00	10984.00	2089.35	106.13	115.81
7	23.5	5.01	78.19	1840.00	9144.00	10984.00	2190.96	101.61	
8	24	4.80	84.80	1840.00	9144.00	10984.00	2288.33	97.38	
9	24.5	4.61	91.01	1840.00	9144.00	10984.00	2381.73	93.40	
10	25	4.44	96.89	1840.00	9144.00	10984.00	2471.40	89.67	
11	25.5	4.29	102.48	1840.00	9144.00	10984.00	2557.55	86.15	104.72
12	26	4.16	107.84	1840.00	9144.00	10984.00	2640.38	82.84	
13	26.5	4.04	112.99	1840.00	9144.00	10984.00	2720.09	79.71	
14	27	3.93	117.96	1840.00	9144.00	10984.00	2796.85	76.76	
15	27.5	3.83	122.78	1840.00	9144.00	10984.00	2870.82	73.97	
16	28	3.73	127.47	1840.00	9144.00	10984.00	2942.14	71.32	
17	28.5	3.65	132.03	1840.00	9144.00	10984.00	3010.96	68.82	
18	29	3.57	136.49	1840.00	9144.00	10984.00	3077.41	66.45	
19	29.5	3.50	140.86	1840.00	9144.00	10984.00	3141.61	64.20	
20	30	3.43	145.14	1840.00	9144.00	10984.00	3203.67	62.06	
21	30	3.33	148.00	1840.00	9144.00	10984.00	3295.20	91.53	89.25
22	30	3.24	150.70	1840.00	9144.00	10984.00	3386.73	91.53	
23	30	3.16	153.26	1840.00	9144.00	10984.00	3478.27	91.53	
24	30	3.08	155.69	1840.00	9144.00	10984.00	3569.80	91.53	
25	30	3.00	158.00	1840.00	9144.00	10984.00	3661.33	91.53	
26	30	2.93	160.20	1840.00	9144.00	10984.00	3752.87	91.53	
27	30	2.86	162.29	1840.00	9144.00	10984.00	3844.40	91.53	
28	30	2.79	164.28	1840.00	9144.00	10984.00	3935.93	91.53	
29	30	2.73	166.18	1840.00	9144.00	10984.00	4027.47	91.53	
30	30	2.67	168.00	1840.00	9144.00	10984.00	4119.00	91.53	
31	30	2.61	169.74	1840.00	9144.00	10984.00	4210.53	91.53	90.01
32	30	2.55	171.40	1840.00	9144.00	10984.00	4302.07	91.53	
33	30	2.50	173.00	1840.00	9144.00	10984.00	4393.60	91.53	
34	30	2.45	174.53	1840.00	9144.00	10984.00	4485.13	91.53	
35	30	2.40	176.00	1840.00	9144.00	10984.00	4576.67	91.53	
36	30	2.35	177.41	1840.00	9144.00	10984.00	4668.20	91.53	
37	30	2.31	178.77	1840.00	9144.00	10984.00	4759.73	91.53	

Lead in K.M Dist..	Average Speed	No of Trips in 8 hours X	No of Kms Covered in 8 hours shift = $2xd + 8$	Cost of Loading, Unloading and Stacking. 4 Labourers for 8 Hours @ Nu. 460 Per day	Hire Charges of Truck with fuel @ Nu. 9144 per day	Total Cost = total of 5 & 6	Cost per trip = Col 7/col 3	Increase in cost per km in comparision to previous KM.	Average increase in cost for 5 km dis., 5 to 10 km, 10 km to 20 km etc.
38	30	2.26	180.08	1840.00	9144.00	10984.00	4851.27	91.53	
39	30	2.22	181.33	1840.00	9144.00	10984.00	4942.80	91.53	
40	30	2.18	182.55	1840.00	9144.00	10984.00	5034.33	91.53	88.10

Note :**1. No of trips in 8 Hrs Shift**

$$x = 8 / (a+1)$$

where a = $2d/s$

d = distance/lead in Km

S = Average Speed Per Hour

1 hour is added for time spent for loading and unloading

2. Diesel Consumption of truck is assumed as 5Km per litre for hill roads, hire charge of TATA1210SK32 =Nu. 9144

3. Consumption of Mobil is assumed as 1 litre for a run of 250 Km

4. In col 4 : Distance covered in 8 hours includes 8 kms to cover additional distance normally covered by the truck to reach the quarry/crusher from place of halting

5. Labour Cost as per BSR - 2025 is Nu. 460.00 per day

DATA SHEET 2 - MECHANICAL TRANSPORTATION OF MATERIALS IN PLAIN ROADS									
Lead in	Average	No of Trips	No of Kms	Cost of Loading,	Hire Charges of	Total Cost = total	Cost per trip	Increase in cost per	Average increase
1	2	3	4	5	6	7	8	9	10
1	25	7.41	22.81	1840.00	9144.00	10984.00	1482.84		
2	25.5	6.92	35.66	1840.00	9144.00	10984.00	1588.37	105.53	
3	26	6.50	47.00	1840.00	9144.00	10984.00	1689.85	101.47	
4	26.5	6.14	57.16	1840.00	9144.00	10984.00	1787.49	97.64	
5	27	5.84	66.38	1840.00	9144.00	10984.00	1881.52	94.03	
6	27.5	5.57	74.84	1840.00	9144.00	10984.00	1972.13	90.61	
7	28	5.33	82.67	1840.00	9144.00	10984.00	2059.50	87.37	
8	28.5	5.12	89.98	1840.00	9144.00	10984.00	2143.81	84.31	
9	29	4.94	96.85	1840.00	9144.00	10984.00	2225.21	81.40	
10	29.5	4.77	103.35	1840.00	9144.00	10984.00	2303.85	78.64	82.10
11	30	4.62	109.54	1840.00	9144.00	10984.00	2379.87	76.02	
12	30.5	4.48	115.45	1840.00	9144.00	10984.00	2453.39	73.53	
13	31	4.35	121.12	1840.00	9144.00	10984.00	2524.55	71.15	
14	31.5	4.24	126.59	1840.00	9144.00	10984.00	2593.44	68.90	
15	32	4.13	131.87	1840.00	9144.00	10984.00	2660.19	66.74	
16	32.5	4.03	136.99	1840.00	9144.00	10984.00	2724.88	64.69	
17	33	3.94	141.97	1840.00	9144.00	10984.00	2787.61	62.73	
18	33.5	3.86	146.82	1840.00	9144.00	10984.00	2848.46	60.86	
19	34	3.78	151.56	1840.00	9144.00	10984.00	2907.53	59.07	
20	34.5	3.70	156.19	1840.00	9144.00	10984.00	2964.88	57.35	74.10
21	35	3.64	160.73	1840.00	9144.00	10984.00	3020.60	55.72	
22	35.5	3.57	165.18	1840.00	9144.00	10984.00	3074.75	54.15	
23	36	3.51	169.56	1840.00	9144.00	10984.00	3127.39	52.64	
24	36.5	3.46	173.87	1840.00	9144.00	10984.00	3178.59	51.20	
25	37	3.40	178.11	1840.00	9144.00	10984.00	3228.41	49.82	
26	37.5	3.35	182.30	1840.00	9144.00	10984.00	3276.89	48.49	
27	38	3.30	186.43	1840.00	9144.00	10984.00	3324.11	47.21	
28	38.5	3.26	190.52	1840.00	9144.00	10984.00	3370.09	45.99	
29	39	3.22	194.56	1840.00	9144.00	10984.00	3414.90	44.81	
30	39.5	3.18	198.55	1840.00	9144.00	10984.00	3458.57	43.67	65.86

Note :

1. No of trips in 8 Hrs Shift

$$x = 8 / (a+1)$$

where a = 2d/s

d = distance/lead in Km

S = Average Speed Per Hour

1 hour is added for time spent for loading and unloading

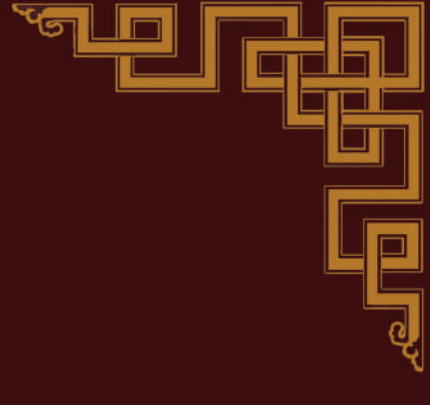
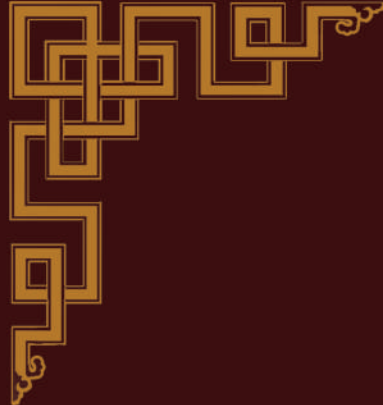
2. Diesel Consumption of truck is assumed as 7 km/Litre for plain roads,Hire charge with fuel of TATA1210SK32 is Nu.9144

3. Consumption of Mobil is assumed as 1 litre for a run of 250 Km

4. In col 4 : Distance covered in 8 hours includes 8 kms to cover additional distance normally covered by the truck to reach the quarry/crusher from place of halting

5. Average Speed is assumed as 30 kmph for hill roads and 50 kmph for plain roads.

6. Labour Cost as per BSR - 2025 is Nu. 460.00 per day





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