

30003/DTK/19TF/ENQ-55 /E3ES

20 Jan 2025

FOR ATTENTION OF ALL BIDDERS

There is an important instruction regarding place of submission of Bid due to restricted movement of goods and services across the border, in view of page No 8 of this RFP, amending the clause 2 of this RFP to that Extent.

Appendices

A	:	List of Stores	F	:	Format of Certificate of Acceptance
B	:	Technical Bid ('T' Bid)	G	:	Undertaking Certificate
C	:	Price Bid ('Q' Bid)	H	:	Self Declaration Certificate
D	:	EMD Bank Guarantee Format	J	:	Drawings (Annexure I to XVII)
E	:	PBG Format	K	:	Part Payment confirmation certificate

INVITATION OF QUOTATION FOR SUPPLY OF CONSTRUCTIONAL STORES

Dear Sir/Madam,

INVITATION OF QUOTATION.

1. This Project requires stores as per Appendix 'A' accordingly invites OTE for the purpose. **The RFP can be downloaded from CPP Website : <https://eprocure.gov.in/epublish/app>. The consignor can submit their offer by downloading the enquiries and sending it by Speed Post/Courier/Hand.**

2. Quotations are invited in physical form containing 'T'-Bid (Technical bid) as per Appx 'B' and 'Q'-Bid (Price Bid) as per Appx 'C' for the above items. Please note that quotation will be received by the **Headquarters Chief Engineer (P) Dantak, C/o 99 APO upto 1700 Hrs (BST) on 10 Feb 2025.** 'T'-Bid will be opened on **12 Feb 2025** at 1200 Hrs (BST). After opening of 'T'-Bid and its evaluation 'Q'-Bid will be opened for the successful bidders.

3. Firms or their duly authorized representative who have submitted their quotation and who wish to be present at the time of opening of quotation may visit the office of **Headquarters Chief Engineer (P) Dantak, C/o 99 APO** at the above mentioned time and date for viewing the quotation opening process.

4. Bidding procedure shall be single stage-two bid system and bid documents are to be prepared in two parts as under:-

- Part-I (Technical Bid : 'T' Bid) at Appendix 'B'.
- Part-II (Price Bid : 'Q' Bid) at Appendix 'C'.

5. **Part-I Technical Bid ('T' Bid).**

5.1. The technical bid comprising of the following details shall be forwarded in a separate envelope only by the **OEM/Authorised Dealer/Convertor only** duly mentioning the Name of the firm, Enquiry reference and date of opening etc on top of the envelope.

(a) Details such as Name of firm, Address Contact number GSTIN number, Email, PAN No and other Registration details with HQ DGBR / Project Dantak / Any other BRO Project / Ministry of Defence Govt. of India / Govt. of Bhutan as per format enclosed at Appendix 'B' to the enquiry be provided. **OEM, PSUs and Authorised Dealer** enlisted with Central Purchase Organization and National Small Industries Corporation also to provide details of their registration in Appendix 'B'.

(b) In case, if the firm is NOT enlisted / Registered with HQ DGBR or Project Dantak as a registered contractor/ consignor or with Ministry of Defence Govt. of India or Govt. of Bhutan or CPO or NSIC & **Micro, Small and Medium Enterprises (MSMEs)**, then details of EMD alongwith original copy of EMD be provided as per Ser No 9 of Appx 'B'. **PSUs, OEM/ Authorised dealer, Original Manufacturers in Bhutan/ India** registered with Dantak/ HQ DGBR/ RGoB are exempted from submission of EMD on producing of necessary document/ certificates, in this regard.

(c) OEM/Authorised Dealer/ Convertor should have completed delivery of supply order of the similar items to any Govt agency/BRO projects in last five financial years for the SO amt as given below

(i) 03 (Three) similar SOs with cost of supply order not less than 40% of the estimated cost of stores demanded in the subject Enquiry.

OR

(ii) 02 (Two) similar SOs with cost of supply order not less than 50% of the estimated cost of stores demanded in the subject Enquiry.

OR

(iii) 01 (One) similar SOs with cost of supply order not less than 80% of the estimated cost of stores demanded in the subject Enquiry.

Copy of such supply order to be mandatorily enclosed with 'T' Bid failing which the firm will not be considered for opening of 'Q' Bid. Firms enlisted with Project Dantak for supply of same items need not to submit the copy of supply order of similar items.

5.2 Eligibility Criteria for Technical Evaluation

5.2.1 The manufacturers/ consignor who have submitted the following documents in their 'T' Bid will only be eligible technically and for opening of their 'Q' Bid:-

(a) Fulfillment of criteria & submission of documents as laid down at Para 5.1.

(b) **Copy of tender documents duly signed and stamped on each page.**

(c) **Complete details as per Appendix 'B' of enquiry.**

(d) **Registration details:**

(i) Registration/Enlistment No

(ii) With whom registered/enlisted

(iii) Letter reference under which registered/enlisted. (Enclose copy)

Enlistment/ Registration details with HQ DGBR/ Project Dantak/ Ministry of Defence, Go/ Govt. of Bhutan/CPO/NSIC be clearly mentioned or EMD be submitted by non enlisted/non registered firms.

(e) Original Manufacturers in Bhutan/India will have to submit EMD in case if they are not enlisted/ registered with HQ DGBR/Project Dantak or Government of Bhutan.

(f) Copy of undertaking certificate duly signed (Format as per Para 13 (a) (iv) of RFP).

(g) **Copy of Importer-Exporter Code (IEC).**

(h) **Copy of authorised dealership/Convertor certificate alongwith OEM certificate of the manufacturer**

(j) **07 (seven) years warranty certificate of the OEM for the retro reflective sheet as per Para 801.3.11 of MORTH.**

(k) **Make of the retro reflective sheeting in the items bid for to be included as part of 'T' bid documents.**

(l) **Manufacturers test reports pertaining to tests as mentioned in Para 29 of RFP.**

5.3. The bidder should meet all the technical evaluation criteria in order that the bid is considered to be technically responsive and the bidder qualifying to have its commercial bid opened. **BANNED FIRMS WILL NOT BE ENTERTAINED.**

5.4 REJECTION OF VENDORS

(a) **FIRMS APPLYING FOR THE SUBJECT TENDER WILL BE SCRUTINISED BASED ON THEIR PAST PERFORMANCE.**

(b) **VENDORS WHO ARE BANNED FOR PARTICIPATION IN THE TENDER ENQUIRY BY ANY GOVERNMENT DEPARTMENT IN INDIA/ BHUTAN NEED NOT APPLY. SCRUTINY OF VENDORS WILL BE DONE STRICTLY ON THE BASIS OF THEIR PERFORMANCE WITH GOVERNMENT DEPARTMENTS.**

(c) **SELLER SHOULD SUBMIT ALL ABOVE DOCUMENTS WITH BID. IF ANY SELLER SUBMIT MISLEADING/FALSE INFORMATION IN BIDDING DOCUMENTS, SUCH SELLER WILL BE LIABLE TO BE DISQUALIFIED IN 'T' BID. NO REPRESENTATION IN THIS REGARDS WILL BE ENTERTAINED.**

Contd.....3/-

6. **Part-II Price Bid ('Q' Bid).**

6.1 The price bid ('Q' Bid) shall be forwarded in a separate envelope by the **OEM/ Authorised Dealer/ Convertor** duly mentioning the name of the firm, Enquiry reference and date of opening on top of the envelope.

6.2. **Part-II Price Bids ('Q' Bid).** Price Bid shall be quoted by bidder as per the format attached as Appendix 'C'.

6.3. **'Q'-Bid evaluation.** Price Bid of non qualified bidders, based on evaluation of 'T' Bid, will not be opened.

6.4 Price Bids shall only be furnished in attached format forming part of the bid documents.

7. 'T' Bid and 'Q' Bid be submitted in **two separate envelopes** duly superscribed and both these sealed covers are to be put in a bigger cover which should be sealed and duly superscribed. **OEM/ Authorised Dealer/Convertor** who offer the Enquiry documents of 'T' Bid and 'Q' Bid in a single envelope will be rejected. On top of both 'T' Bid and 'Q' Bid, details such as Name of **OEM/ Authorised Dealer/Convertor** of the items, Enquiry Reference and date of opening etc will be mentioned clearly.

8. No conditional offer other than conditions mentioned above will be entertained.

9. All necessary licenses, consents and permissions for import/ export from Govt./ Semi Govt./ Civic agencies in India & Bhutan for the performance of obligations under this supply orders shall be arranged by the **OEM/ Authorised Dealer/Convertor**.

10. The **OEM/ Authorised Dealer/Convertor** shall provide and pay for usage of labour, utilities, transportation and other miscellaneous services necessary for proper execution and completion of supply order at the designated FOR.

11. The complete expenses on preparation and submission of quotation shall be borne by the firms and it shall have no claim on this account.

Earnest Money and Security Deposit.

12. **OEM/ Authorised Dealer/Convertor** who are NOT enlisted as per Para 5.1 (b) of this RFP will have to submit Earnest Money of Amount in Rs 4, 45, 700/- (Rupees Four lakh forty five thousand seven hundred only) in the form of fixed Deposit receipt, or Bank guarantee from any of the commercial banks drawn in favour of Chief Engineer, Project Dantak payable at SBI Hasimara having validity/maturity period of Six Months and will be enclosed with Technical Bid. Earnest Money of un-successful **OEM/ Authorised Dealer/Convertor** shall be returned to them immediately on placing of Supply Order. Format of EMD as per Appendix 'D' enclosed. **The MSME companies having valid Udyog Number, the EMD exemption as per DPM will be applicable.**

13. **Performance Bank Guarantee.** Performance Bank Guarantee in the form of Bank Guarantee should be submitted by your firm @ 5% of the value of Supply Order amount within 30 days of receipt of the Supply Order, to **HQ 19 BRTF, Phuentsholing**. The Fixed Deposit Receipt or Bank Guarantee Bond be prepared having validity/maturity period of sixty days beyond the date of completion of all contractual obligations of the supplier including warranty obligation (Ref Rule-171 of GFR 2017). The PBG should be drawn in favour of **HQ 19 BRTF** payable at SBI, Hasimara. On receipt of Performance Bank Guarantee, the EMD will be returned to the firm. The Performance Bank Guarantee will be released after one month of release of completed payment against the supply order. If required, the extension of validity of Performance Bank Guarantee will be sought accordingly. Format of Performance Bank Guarantee as per Appendix 'E' enclosed. **In terms of Para 6.1.2 (i) of Manual of Procurement of Goods (second edition 2024), submission of PBG for an Supply Order amount upto twenty five (25) lakh is not required.**

(a) **Clause for Evaluation of L1.** To determine the L1, the quoted rates of consignor who have been found technically "Substantially Responsive". 'Q' Bid shall be evaluated as under:-

(i) **Ranking of the commercial bid will be based on the lowest cost of sum total of all the items to be delivered at 504 SS&TC (GREF) Phuentsholing and Dett 'A' 504 SS&TC(GREF) Samdrup Jongkhar considered separately. Cost of item will comprise of Basic Cost of item, Freight insurance, except levies, Taxes and Duties levied by Central/ State Local Govts such as Octroi/ Entry Tax, etc as quoted by the Bidder in his 'Q' Bid. All these elements shall mandatorily be indicated separately. Firms will have to quote for every item, failure to quote for any item will result in the disqualification of the firm in the 'Q' bid.**

(ii) Any Taxes and Duties not mentioned clearly in 'Q'-Bid will not be counted and the Bidder shall not have any claim on account of such omissions on his part.

(iii) **GST/Sales Tax are not applicable for Project Dantak.** Sales tax exemption certificate will be issued to consignor. For any query regarding exemption of GST on import of goods and services from India to Bhutan, kindly refer to the following websites for detail information.

- (aa) www.cbec.gov.in/htdocs-cbec/gst/index.
 (ab) www.cbec.gov.in/resources/htdocs-cbec/gst/notfctn-42-igst-rate-english.pdf.
 (ac) www.cbec.gov.in/resources/htdocs-cbec/gst/notfctn-300CGST-rate-english.pdf.

(iv) **For Indian Consignor Only.** As supply to Project Dantak located outside India, no GST is applicable. Indian consignor / Bidder shall attach undertaking certificate as per the following format mandatorily :-

UNDERTAKING CERTIFICATE

"It is certified that the goods / materials given in the Enquiry No 30003/DTK/19TF/Enq-55/E3ES dt 20 Jan 2025 of HQ CE (P) Dantak will be supplied by me / our firm as export and for use in Bhutan.

It is declared that no GST cost has been included by me in the rates quoted in above mentioned enquiry"

Signature with date :
 Name of the bidder :
 Name of firm with address:

(v) Certificate on account of GST as per Rule No 16 (1) of IGST Act 2017 will be issued on receipt of stores as format of certificate is as given under:-

(aa) It is certified that the goods supplied by your firm against SO No 30003/DTK/19TF/SO.../E3ES dated ____2024 for the cost of Rs ____/- (Rupees _____only) is a zero rated supply as per **GST Rule No 16 (1) of IGST Act 2017** as the goods were supplied as an export and to be used in Bhutan by this Project.

(ab) It is further certified that no amount was paid to your firm by this Project on account of GST.

 Consignee Unit

GST : ZERO RATED SUPPLY CERTIFICATE

(b) **Force Majeure Clause.** Should any force majeure circumstance arise, each of the contracting party shall be excused for the non fulfillment or for the delayed fulfillment of any of its contractual obligations, if the affected party within **14 days** of its occurrence informs in a written form the other party. Force majeure shall mean fires, floods, natural disasters or other acts such as war, turmoil, strikes, sabotage explosions, and quarantine restriction beyond the control of either party. **In the event of either party being rendered unable by Force Majeure to perform any obligations required to be performed by them under the purchase order the relative obligations of the party affected by such force majeure shall upon notification to the other party be suspended for the period during which force majeure event lasts. The cost and loss sustained by the either party shall be borne by the respective parties. If the force majeure conditions persist for a period exceeding 90 days the Purchaser reserves the right to cancel the purchase order in full or in part.**

Consignee, Delivery & Delivery Period.

14. Supply will have to be completed within **90 days** from the date of effect of supply order. The stores are required to be delivered as per Appendix 'A' attached to this enquiry to the **consignee unit 504 SS&TC (GREF), Phuentsholing (Bhutan) & Dett 'A' 504 SS&TC (GREF), Samdrup Jongkhar (Bhutan)**. The responsibility for loading and unloading of stores including transit loss shall rest with the consignor. The firm who are unable to supply the desired items within original delivery period due to any reason and are contemplating/seeking extension of original delivery period must send their request by email giving detailed reason for seeking original delivery period extension and the request should reach seven clear working days before expiring of original delivery period failing which the supply order will be considered to be terminated and firm will be responsible for the same.

Contd.....5/-

Price Adjustment.

15. No adjustment in the rates after the date of opening of the quotation on account of any increase/ decrease in the cost of input or on account of any statutory increase in any taxes or duty is admissible.

16. **Prices.** All the rates/prices mentioned in the purchase order shall remain firm throughout the delivery/ shipment of the goods/ performance of the services. Price escalation on any score whatsoever will NOT be entertained.

Manufacturer/ Authorised dealer (Consignor/ Distributor).

17. In case your firm is an **original manufacturer of the product or an authorized dealer/convertor**, a certificate to this effect shall be enclosed alongwith product catalogue and company price list, Discount, if any offered thereon shall be specified clearly. If the product is proprietary in nature, certificate to this effect that the firm is sole **OEM/ Authorised Dealer/ Convertor** of the product shall be enclosed with the offer.

Freight/ Warranty

18. **Freight.** Packaging and freight will be complete responsibility of the consignor. Damages/ losses in transit shall be the responsibility of the consignor upto the delivery location specified by the respective consignees. No Defence vehicles will be provided to transport the stores. Stores will be securely packed without any additional cost to the Govt. to avoid losses or damages during transit so as to reach this consignee, in perfect serviceable and fit for use condition. The consignor shall remain responsible for adequacy of packages during transit. The packages shall be marked with the Supply order and other necessary details for easy identification at the consignee's end. The consignor will be responsible for unloading at for and to ensure that the stores are delivered in sound condition without any damage.

19. **Warranty/Guarantee.** The stores supplied against the supply order shall bear a warranty against defective materials for a period of **two years for the metallic parts and seven year warranty for Type IV retro reflective sheeting** or as specified by the company/ consignor/firm (whichever is higher) from the date of completion of the supply order. All signage boards shall be dated during fabrication with indelible marking to indicate the start of the warranty (Refer Para 801.3.11 of MORTH). In case of manufacturing failure or defect in any component within the warranty period, the consignee shall inform the consignor for joint inspection. Within a period of one week of the receipt of such information, the rejected material shall be removed and replaced by the consignor at the site at his own expense and no extra payment shall be made on this account. All stores to be supplied should be free from all defects and faults in material workmanship and manufacture. They should be of the highest grade and consistent with the established and generally accepted standards for material of the type used and in full conformity with the specifications, drawings or samples and shall, if operable, operate properly. The Consignor shall be bound to furnish a clear written warranty regarding the same. In the event of the ultimate consignee in Bhutan not finding the stores in accordance with the order, the Consignor will be required to replace them free of cost inclusive of all freight and handling charges. Such replacement will be done within **ninety days** to the claim report raised by the Consignee. These standard conditions will also apply in respect of replaced stores.

TERMINATION OF PURCHASE ORDER

20. **Termination for Non-performance.** The Purchaser without prejudice to any other remedy for breach of purchase order, by giving a written notice for non-performance to the Seller/consignor, may terminate the purchase order in whole or in part for following reasons:-

- (a) When the supplier fails to honour any part of the supply order including failure to deliver the supply order stores/ render services in time.
- (b) When the contractor is found to have made any false or fraudulent declaration or statement to get the supply order or he is found to be indulging in unethical or unfair trade practices.
- (c) When both parties mutually agree to terminate the supply order.
- (d) When the item offered by the supplier repeatedly fails in the inspection and/or the supplier is not in a position to either rectify the defects or offer items conforming to the stores quality standards.
- (e) Any special circumstances, which must be recorded to justify the cancellation or termination of a supply order.
- (f) If the Seller/ consignor, in the either of the above condition, does not cure his failure within a stipulated period of 30 days (or such a longer period may authorize by the Purchaser in writing) after receipt of notice of non-performance form the Purchaser.

Contact Address.

21. For any further information/clarification on the subject the following Officer may be contacted during the office hours (i.e. 0830 Hrs to 1700 Hrs BST except Sunday/Holidays):-

SO-1 (Res)
Headquarters
Chief Engineer
Project Dantak
Tele No .009752351082/86/88
FAX No . 009752351285

22. The accepting officer does not bind himself to accept the lowest quotation or any other quotation and reserves the right to accept or reject any of the quotation either in part or in full without assigning any reasons what so ever thereto.

23. No purchase against this enquiry is guaranteed.

24. The quantities of stores given is/are guidelines and may be enhanced or decreased upto +/- 25% according to our requirement at the time of placing of supply order.

25. Quotation received after the expiry of time and date specified in **Para 02** above will not be entertained.

26. **Part payment & delivery schedules:-**

(a) Payment will be made on receipt of stores subject to confirmation on applicability of part payment clause being given by the bidding firm as per **Appx 'K'** attached. In case of part payment being asked by bidder, following part payment & delivery clause will be applicable and on non fulfillment of delivery schedule, LD clause as per Para 33 will be applicable.

(b) **Delivery schedule and part payment.** The part payment and delivery schedule of stores and payment will be carried out as per details given below, subject to confirmation from firm as per **Appx 'K'** attached:-

Ser No	Details	Lot No	Supply to be completed by	Part payment on completion of supply & acceptance of same by CFA/ BOO
(i)	On delivery of 35% of total store as stated in SO	1 (One)	Within 50 days of placing of SO	30 %of Supply Order amount
(ii)	On delivery of 35% of total store as stated in SO	2 Two)	Within 70 days of placing of SO	30 %of Supply Order amount
(iii)	On delivery of balance 30% of total store as stated in SO	3 Three)	Within 90 days of placing of SO	40 %of Supply Order amount

27. **Repeat Order Clause.** The Consignee may order upto 50% qty of SO within six months from the date of successful completion of the supply against this contract and at the same cost, terms and conditions of the contract. The Consignor is bound to supply the material.

28. **SAMPLE INSPECTION.**

(a) THE FIRM SHALL PRODUCE ONE SAMPLE OF ITEM (RETRO REFLECTIVE SHEETING) FOR APPROVAL TO CONSIGNEE WITHIN TWENTY (20) DAYS OF PLACING OF SUPPLY ORDER ALONG WITH TEST CERTIFICATE OF THE TESTS AS MENTIONED IN PARA 29 BELOW.

(b) A BOO WILL BE CONVENED BY HQ CE (P) DANTAK FOR INSPECTION OF THE SAMPLE SUPPLIED BY EACH FIRM AS PER SPECIFICATIONS GIVEN IN THIS RFP. APPROVAL/REJECTION REPORT WILL BE SUBMITTED TO HQ CE (P) DANTAK WITHIN THREE (3) DAYS OF INSPECTION OF SAMPLE.

(c) DATE OF APPROVAL OF SAMPLE WILL HAVE NO EFFECT TO THE DELIVERY PERIOD MENTIONED IN THE RFP/SUPPLY ORDER.

29. **Test Certificate.** Test reports in r/o Type IV retro-reflective sheeting confirming to Para 6 & 7 of ASTM D-4956 and IRC 67:2022 obtained from a Govt laboratory/ NABL accredited laboratory (copy of NABL certificate of the lab to be enclosed) to be given for each lot of items being delivered the following parameters:-

- (a) Coefficient of retro reflection
- (b) Day time colour & luminance
- (c) Accepted outdoor weathering requirement
- (d) Colour fastness
- (e) Shrinkage
- (f) Liner Removal
- (g) Adhesion
- (h) Impact resistance
- (i) Night time colour

30. **Warranty certificate :** Successful bidder to give a copy of OEMs warranty certificate for the Type-IV sheeting being supplied. The warranty certificate will be given when the 1st lot is delivered.

31. **Inspection After Placing of Supply Order.** The stores supplied will be inspected by the BOO detailed by the CFA or his authorized representative at time of delivery and should be strictly according to the specifications provided in the supply order and approved at the time of sample approval.

In case the items are found not according to specifications/satisfaction of the Inspecting Officer, the stores are liable to be rejected and will have to be replaced **within 30 days** without any additional cost by the consignor /firms.

32. **Inspection** The stores supplied will be inspected by the BOO detailed by the CFA or his authorized rep at time of delivery and should be strictly according to the specifications provided in the supply order. In case the items are found not according to specifications/satisfaction of the Inspecting Officer, the stores are liable to be rejected and will have to be replaced **within 30 days** without any additional cost by the consignor /firms.

33. **LD** The consignor shall be liable to pay liquidated damages and not as a penalty, a sum equivalent to ½% (Half Percent) of the contract/supply order price per week of delay or part thereof. The consignor liability of liquidated damages shall not exceed maximum of 10% (Ten percent) of the contract price. If the delivery is delayed beyond 10 weeks, the consignee may at his own option, terminate the contract / supply order.

34. **Validity** The rates should be valid for 120 days wef the date of submission of the offer.

35. Mentioning of GSTIN Nos and quoting rates in words is compulsory, without which enquiry will not be considered for placing supply order. Clear description/specification of items is also mandatory.

36. Rates be quoted for items as per specification in enquiry only.

37. **EMD.** In case non supply of stores against this supply order, then EMD/ Performance Bank Guarantee Bank Guarantee will be ceased by department.

38. Acceptance certificate forward to HQ CE (P) Dantak against this enquiry Supply Order No 30003/DTK/19TF/SO-_____/E3ES dated ____Jan 2025. Format as per Appx 'F'.

39. **TAX/ COMMERCIAL INVOICE.** ALL INDIAN VENDOR/ FIRM/ CONSIGNOR ON RECEIPT OF SUPPLY ORDER TO IMMEDIATELY PREPARE A "TAX/ COMMERCIAL INVOICE" OF ITEMS AND SUBMIT THIS HQ BY EMAIL WITHIN TWO DAYS. THIS SHALL FACILITATE DANTAK OBTAIN BHUTAN SALES TAX EXEMPTION CERTIFICATE FROM HEAD OFFICE, REGIONAL REVENUE & CUSTOMS OFFICE, THIMPHU (BHUTAN). THIS IS NOT APPLICABLE FOR REGIONAL BHUTANESE FIRMS/VENDORS/SUPPLIERS.

40. In addition to the existing facility/provision of receiving bids at HQ CE (P) Dantak and as mentioned in clause 2 of this RFP, a facility has been created on Indian side border town of Jaigaon to facilitate submission of bids by Indian Bidders. The bidders can exercise following option and address:-

(a) **Existing facility at HQ CE (P) Dantak Thimphu:-**

(i) **If sending bids by post:-**

HQ CE (P) Dantak
PIN – 931 708
C/o 99 APO

(ii) **Manual Submission** - Dropping of bids in tender Box kept in HQ CE (P) Dantak premises.

(b) **Additional facility at Jaigaon:-**

(i) **If sending bids by post:-**

OIC Liaison Cell
Supervisor Mess, HQ 19 BRTF (GREF)
Jaigaon (W.B.)
PIN – 736 182
Contact details/ Phone No – 9970889254

(ii) **Manual submission** - Dropping of bids in tender Box kept in Supervisor Mess, HQ 19 BRTF (GREF) Jaigaon (W.B).


Address:-

OIC Liaison Cell
Supervisor Mess, HQ 19 BRTF (GREF)
Jaigaon (W.B.)
PIN – 736 182
Contact details/ Phone No - 9970889254

Please take acknowledgement from OIC Liaison Cell in case of manual submission at Jaigaon.

Note:- Last date and time for submission of bids will be same for both the location and bids from both the places will be collected and opened on fixed date by the nominated BOO at HQ CE (P) Dantak.

Your's faithfully,


(Kumar Gaurav)
AE (Civ)
SO-1 (Res)
for Chief Engineer

Contd...9/-

LIST OF STORESHQ CE (P) Dantak Enq No 30003/DTK/19TF/ENQ-55/E3ES dt 20 Jan 2025Annexure -I

Ser No	Nomenclature	A/U	Qty
Stores to be supplied to 504 SS&TC (GREF), Phuentsholing (Bhutan)			
1	Reflective cautionary/mandatory sign triangular/circular and dimension as given below and as per BTS 33 : 2017 made out of 3 mm thick aluminium composite panels (ACP) fully covered with Type-IV high Intensity retro reflective sheeting confirming to ASTM D4956 and white background with symbol in black, border Red as per BTS 33 : 2017. The black portion should be coated with solve enamel. The board should be mounted on a frame made of angle iron of dimension 25 x 25 x 3mm the board should be further mounted on a MS angle iron post of 3m length and dimension 50 x 50 x 3mm. The frame should be coated with two layers of red oxide and two layer of paint. Make of retro reflective sheeting: Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-I)		
(a)	Left hand Curve (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	235
(b)	Right hand Curve (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	235
(c)	Left Hair Pin Bend (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	30
(d)	Right Hair pin bend (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	30
(e)	School Ahead (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	18
(f)	Load Class 70T (Circular) Size 750 mm as per BTS 33 : 2017	Nos	34
(g)	Pedestrian Cross (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	12
(h)	Left Reverse Bend (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	09
(j)	Right Reverse Bend (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	05
(k)	Animal Crossing (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	02
(l)	Speed Limit 40Kmph (Circular) having dia Size 600 mm as per BTS 33 : 2017 Front Size 200mm	Nos	18
(m)	Side (Feeder) road left (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	05
(n)	T-Junction (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	02
(o)	Series of bends (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	06
(p)	Stop sign (Octagonal) Size 900 mm as per BTS 33 : 2017	Nos	04
(q)	Falling Rock (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	04
(r)	Y-Intersection (left) (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	04
(s)	No Parking (Circular) Size 750 mm as per BTS 33 : 2017	Nos	06
(t)	Speed breaker (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	04
(u)	Steep Ascent (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	02
(v)	Steep Descent (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	02
(w)	Intersection (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	01
2.	Retro Reflective information sign board rectangular size 1200mm x 1500mm made out of 3mm thick aluminium composite panels (ACP) fully covered with Type-IV high Intensity Retro reflective sheeting confirming to ASTM D4956 & as per IRC 67-2022 . Inscription shall be English & Dzongkha (Bhutanese Language) or other language strictly as per IRC 33 : 2017 of section 4.3.2.1. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022. Make of Retro reflective sheeting: Avery Dennison /Orafol /3M		
(a)	Advance direction Drawing marked as Appendix 'J' (Annexure-II)	Nos	08

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Ser No	Nomenclature	A/U	Qty
3.	Retro Reflective information sign board rectangular size 800mm x 600mm made out of 3mm thick aluminum composite panels (ACP) fully covered with Type-IV high Intensity Retro reflective sheeting confirming to ASTMD4956 & as per IRC 67-2012 . Inscription shall be English & Dzongkha (Bhutanese Language) or other language. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022. Make of Retro reflective sheeting: Avery Dennison /Orafol /3M		
(a)	Informatory Sign Drawing marked as Appendix 'J' (Annexure-III)	Nos	60
4	Retro Reflective information sign board rectangular size 1220mm x 915mm made out of 3mm thick aluminium composite panels (ACP) fully covered with Type-IV high Intensity Retro reflective sheeting confirming to ASTMD4956 & as per IRC 67-2022 . Inscription shall be English & Dzongkha (Bhutanese Language) or other language strictly as per IRC 33 : 2017 of section 4.3.2.1.. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022. Make of Retro reflective sheeting: Avery Dennison /Orafol /3M		
(a)	Advance direction sign Drawing marked as Appendix 'J' (Annexure-IV)	Nos	07
5	Retro Reflective information sign board rectangular size 1830mm x 2440mm made out of 3mm thick aluminium composite panels (ACP) fully covered with Type-IV High Intensity Retro reflective sheeting confirming to ASTMD4956 & as per IRC 67-2022. Inscription shall be English & Dzongkha (Bhutanese Language) or other language strictly as per IRC 33 : 2017 of section 4.3.2.1. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022. Make of Retro reflective sheeting: Avery Dennison /Orafol /3M		
(a)	Advance direction sign Drawing marked as Appendix 'J' (Annexure-V)	Nos	08
(b)	Reassurance board Drawing marked as Appendix 'J' (Annexure-V)	Nos	08
6.	Retro Reflective Advance Direction board rectangular size 1.50 x 1.20 made out of 3mm thick aluminium composite panels (ACP) fully covered with Type- IV High Intensity Retro reflective sheeting confirming to ASTMD4956 & as per IRC 67-2022. Inscription shall be English & Dzongkha (Bhutanese Language) or other language. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per Drg No. 16.1 of IRC 67:2022. Make of Retro reflective sheeting: Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-VI)	Nos	02
7.	Overhead Gantry Signage Boards (Front and Back) made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTMD4956 and IRC-67-2022 standards of overall dimension size 5.50 x 1.50 Mtr including designing of the boards with appropriate color of sheets as per sketch attached and size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 and BTS 33 : 2017 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting: Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-VII)	Nos	03
8	Prefabricated full gantry posts with frame and signage board (Front and back). MS pipe post 300 mm dia height 7.0 mtr, Base plate 1 mtr x 1 mtr x 10 mm, Anchor Bolt 24 Nos 25 mm dia length 700mm, sign Board frame with MS Square pipe 40 mm dia alongwith signage board (both side) as per IRC 67-2022 and inscription shall be as per BTS 33 : 2017 with nut bolts system. Gantry Signage Boards (Front and Back) made of Aluminium composite material panel 4mm thick with Type IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTMD 4956 and IRC-67-2022 standards of overall dimension size 12 Mtr x 1.50 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50Km/Hr as per IRC : 67-2022 and BTS 33:2017 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-VIII)	Nos	01

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Ser No	Nomenclature	A/U	Qty
9	Overhead Gantry Signage Boards (Front and Back) made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 12 Mtr x 1.50 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50Km/Hr as per IRC : 67-2022 and BTS 33:2017 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-IX)	Nos	04
10	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 1.90 Mtr x 1.50 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50Km/Hr as per IRC : 67-2022 and BTS 33:2017 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-X)	Nos	08
11	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 1.80 Mtr x 1.53 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-XI)	Nos	16
12	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 3.10 Mtr x 1.53 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-XII)	Nos	04
13	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 1.90 Mtr x 1.53 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-XIII)	Nos	06
14	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 9.50Mtr x 1.53 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-XIV)	Nos	01

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Ser No	Nomenclature	A/U	Qty
15	Retro reflective Mild Steel Hazard marker Sign with Post (Two Way) as per BTS 33: 2017 section 6.5.1.2. Drawing marked as Appendix 'J' (Annexure-XV)	Nos	114
16	Retro reflective Mild Steel Hazard marker sign with post (Left) as per BTS 33: 2017 section 6.5.1.2. Drawing marked as Appendix 'J' (Annexure-XV)	Nos	362
17	Retro reflective Mild Steel Hazard marker sign with post (Right) as per BTS 33 : 2017 section 6.5.1.2. Drawing marked as Appendix 'J' (Annexure-XV)	Nos	362
18	Chevron Sign 4mm ACP (Aluminium Composite Material) Sheet, Type IV Retro Reflective Sheeting, 500 x 600 mm size section 6.5.1.1 of BTS 33: 2017 with direction symbol in black on yellow background as per IRC 67-2022 and fixed on one post 3mtr MS Angle size 50x50x5 mm duty Painted with alternate white and black band. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Qty :- Left : 772 Nos & Right : 772 Nos	Nos	1544

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Ser No	Nomenclature	A/U	Qty
Stores to be supplied to Dett 'A' 504 SS & TC (GREF) Samdrup Jongkhar, Bhutan			
19	<p>Reflective cautionary/mandatory sign triangular/circular shape and dimension as given below and as per BTS 33 : 2017 made out of 3 mm thick aluminium composite panels (ACP) fully covered with Type-IV high Intensity retro reflective sheeting confirming to ASTM D 4956 and white background with symbol in black, border Red as per BTS 33 : 2017. The black portion should be coated with solve enamel. The board should be mounted on a frame made of angle iron of dimension 25 x 25 x 3mm the board should be further mounted on a MS angle iron post of 3m length and dimension 50 x50 x 3mm. The frame should be coated with two layers of red oxide and two layer of paint.</p> <p>Make of retro reflective sheeting: Avery Dennison / Orafol /3M Drawing marked as Appendix 'J' (Annexure-XVI)</p>		
	(a) Left hand Curve (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	124
	(b) Right hand Curve (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	123
	(c) Left Hair Pin Bend (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	16
	(d) Right Hair pin bend (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	16
	(e) U Turn (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	07
	(f) School Ahead (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	07
	(g) Load Class 70T (Circular) Size 750 mm as per BTS 33 : 2017	Nos	12
	(h) Speed Limit 40 Kmph (Circular) having dia Size 600 mm as per BTS 33: 2017	Nos	04
20	<p>Retro Reflective information sign board rectangular size 800mm x 600mm made out of 3mm thick aluminium composite panels (ACP) fully covered with Type-IV high Intensity Retro reflective sheeting confirming to ASTM D4956 as per IRC 67-2012 . Inscription shall be English & Dzongkha (Bhutanese Language) or other language. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022, Make of retro reflective sheeting: Avery Dennison / Orafol /3M Village boards drawing marked as Appendix 'J' (Annexure-XVII):-</p> <p>(a) KHAR (b) TSEBAR (c) DUNGMAED (d) LANYIRI (e) MEKURI (f) TSHOBALEY</p>	Nos	06
21	<p>Chevron Sign 4mm ACP (Aluminium Composite Material) Sheet, Type IV Retro Reflective Sheeting, 500 x 600 mm size section 6.5.1.1 of BTS 33: 2017 with Direction symbol in black on yellow background as per IRC 67-2022 and fixed on one post 3mtr MS Angle size 50x50x5 mm duty Painted with alternate white and black band.</p> <p>Make of retro reflective sheeting: Avery Dennison / Orafol /3M Qty :- Left : 125 Nos & Right : 125 Nos</p>	Nos	250

Registration No. of Firm
TIN No. of Firm
Firm Seal
Fax & Tele No.

Kumar Gaurav
(Kumar Gaurav)
AE (Civ)
SO -1 (Res)
for Chief Engineer

TECHNICAL BID ('T' BID)HQ CE (P) Dantak Enq No 30003/DTK/19TF/ENQ-55/E3ES dt 20 Jan 2025(As per Clause Para 5)

PARTICULAR OF FIRM		
SER NO	ITEMS	DETAILS
1.	Name of firms	
2.	Legal Status of the firm	Individual company (Incorporated un-incorporated)/ Partnership firm / public limited
3.	Address	
4.	Contact Telephone, Mobile & Fax No	
5.	E-mail address	
6.	GSTIN No	
7.	PAN No	
8.	Registration details :-	
	(a) Registration/Enlistment No.	
	(b) With whom registered /enlisted	
	(c) Letter ref under which registered/enlisted.(Enclose copy)	
9.	EMD (For unregistered consignor / firm only) EMD in the form of cheque is not acceptable. EMD be submitted in the form of Fixed Deposit Receipt or Bank Guarantee only	Amount Rs 4, 45, 700/- Fixed Deposit Receipt or Bank Guarantee Number _____ Dated : _____
Date		(Signature of authorized rep of firm with seal)

Note:-

1. Firm enlisted with HQ CE (Project) Dantak need not enclose photocopy of GSTIN No, PAN No and copy of letters reference under which registered. Rest all firms should enclose relevant photocopies.
2. Firms should enclose all relevant documents as mentioned under Para 5 of this Enquiry in addition to the above details, failing which the firm be rejected during 'T' Bid evaluation.

(Signature of consignor)

Kumar Gaurav
(Kumar Gaurav)
AE (Civ)
SO-1 (Res)
for Chief Engineer

Contd..... 15/-

15
PRICE BID ('Q' BID)

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Appendix 'C' (Annexure-I)

Ser No	Nomenclature	A/U	Qty	Basic Price (Unit price) Including Freight Charges	Total Amt
<u>Stores to be supplied to 504 SS & TC (GREF) Phuentsholing (Bhutan)</u>					
1	Reflective cautionary/mandatory sign triangular/circular and dimension as given below and as per BTS 33 : 2017 made out of 3 mm thick aluminium composite panels (ACP) fully covered with Type-IV high Intensity retro reflective sheeting confirming to ASTM D4956 and white background with symbol in black, border Red as per BTS 33 : 2017. The black portion should be coated with solve enamel. The board should be mounted on a frame made of angle iron of dimension 25 x 25 x 3mm the board should be further mounted on a MS angle iron post of 3m length and dimension 50 x 50 x 3mm. The frame should be coated with two layers of red oxide and two layer of paint. Make of retro reflective sheeting: Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-I)				
(a)	Left hand Curve (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	235		
(b)	Right hand Curve (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	235		
(c)	Left Hair Pin Bend (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	30		
(d)	Right Hair pin bend (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	30		
(e)	School Ahead (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	18		
(f)	Load Class 70T (Circular) Size 750 mm as per BTS 33 : 2017	Nos	34		
(g)	Pedestrian Cross (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	12		
(h)	Left Reverse Bend (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	09		
(j)	Right Reverse Bend (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	05		
(k)	Animal Crossing (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	02		
(l)	Speed Limit 40Kmph (Circular) having dia Size 600 mm as per BTS 33 : 2017 Front Size 200mm	Nos	18		
(m)	Side (Feeder) road left (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	05		
(n)	T-Junction (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	02		
(o)	Series of bends (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	06		
(p)	Stop sign (Octagonal) Size 900 mm as per BTS 33 : 2017	Nos	04		
(q)	Falling Rock (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	04		
(r)	Y-Intersection (left) (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	04		
(s)	No Parking (Circular) Size 750 mm as per BTS 33 : 2017	Nos	06		
(t)	Speed breaker (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	04		
(u)	Steep Ascent (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	02		
(v)	Steep Descent (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	02		
(w)	Intersection (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	01		

Contd..... 16/-

HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-55/E3ES dt 20 Jan 2025

Ser No	Nomenclature	A/U	Qty	Basic Price (Unit price) Including Freight Charges	Total Amt
Stores to be supplied to 504 SS & TC (GREF) Phuentsholing (Bhutan)					
2	Retro Reflective information sign board rectangular size 1200mm x 1500mm made out of 3mm thick aluminium composite panels (ACP) fully covered with Type-IV high Intensity Retro reflective sheeting confirming to ASTMD4956 & as per IRC 67-2022 . Inscription shall be English & Dzongkha (Bhutanese Language) or other language strictly as per IRC 33 : 2017 of section 4.3.2.1. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022. Make of retro reflective sheeting: Avery Dennison /Orafol /3M				
	(a) Advance direction Drawing marked as Appendix 'J' (Annexure-II)	Nos	08		
3	Retro Reflective information sign board rectangular size 800mm x 600mm made out of 3mm thick aluminum composite panels (ACP) fully covered with Type-IV high Intensity Retro reflective sheeting confirming to ASTMD4956 & as per IRC 67-2012 . Inscription shall be English & Dzongkha (Bhutanese Language) or other language. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022. Make of retro reflective sheeting: Avery Dennison /Orafol /3M				
	(a) Informatory Sign Drawing marked as Appendix 'J' (Annexure-III)	Nos	60		
4	Retro Reflective information sign board rectangular size 1220mm x 915mm made out of 3mm thick aluminium composite panels (ACP) fully covered with Type-IV high Intensity Retro reflective sheeting confirming to ASTMD4956 & as per IRC 67-2022 . Inscription shall be English & Dzongkha (Bhutanese Language) or other language strictly as per IRC 33 : 2017 of section 4.3.2.1.. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022. Make of retro reflective sheeting: Avery Dennison /Orafol /3M				
	(a) Advance direction sign Drawing marked as Appendix 'J' (Annexure-IV)	Nos	07		
5	Retro Reflective information sign board rectangular size 1830mm x 2440mm made out of 3mm thick aluminium composite panels (ACP) fully covered with Type-IV high Intensity Retro reflective sheeting confirming to ASTMD4956 & as per IRC 67-2022. Inscription shall be English & Dzongkha (Bhutanese Language) or other language strictly as per IRC 33 : 2017 of section 4.3.2.1. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022. Make of retro reflective sheeting: Avery Dennison /Orafol /3M				
	Advance direction sign Drawing marked as Appendix 'J' (Annexure-V)	Nos	08		
	Reassurance board Drawing marked as Appendix 'J' (Annexure-V)	Nos	08		
6	Retro Reflective Advance Direction board rectangular size 1.50 x 1.20 made out of 3mm thick aluminium composite panels (ACP) fully covered with Type-IV high Intensity Retro reflective sheeting confirming to ASTMD4956 & as per IRC 67-2022. Inscription shall be English & Dzongkha (Bhutanese Language) or other language. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per Drg No. 16.1 of IRC 67:2022. Make of retro reflective sheeting: Avery Dennison/Orafol /3M Drawing marked as Appendix 'J' (Annexure-VI)	Nos	02		

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Ser No	Nomenclature	A/U	Qty	Basic Price (Unit price) Including Freight Charges	Total Amt
Stores to be supplied to 504 SS & TC (GREF) Phuentsholing (Bhutan)					
7	Overhead Gantry Signage Boards (Front and Back) made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D4956 and IRC-67-2022 standards of overall dimension size 5.50 x 1.50 Mtr including designing of the boards with appropriate color of sheets as per sketch attached and size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 and BTS 33 : 2017 with provision of suitable rivet and clamp for fitting. Make of retro reflective sheeting: Avery Dennison /Orafol/3M Drawing marked as Appendix 'J' (Annexure-VII)	Nos	03		
8	Prefabricated full gantry posts with frame and signage board (Front and back). MS pipe post 300 mm dia height 7.0 mtr, Base plate 1 mtr x 1 mtr x 10 mm, Anchor Bolt 24 Nos 25 mm dia length 700mm, sign Board frame with MS Square pipe 40 mm dia alongwith signage board (both side) as per IRC 67-2022 and inscription shall be as per BTS 33 : 2017 with nut bolts system. Gantry Signage Boards (Front and Back) made of Aluminium composite material panel 4mm thick with Type IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 12 Mtr x 1.50 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50Km/Hr as per IRC : 67-2022 and BTS 33:2017 with provision of suitable rivet and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-VIII)	Nos	01		
9	Overhead Gantry Signage Boards (Front and Back) made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 12 Mtr x 1.50 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50Km/Hr as per IRC : 67-2022 and BTS 33:2017 with provision of suitable rivet and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-IX)	Nos	04		
10	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 1.90 Mtr x 1.50 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50Km/Hr as per IRC : 67-2022 and BTS 33:2017 with provision of suitable rivet and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-X)	Nos	08		

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Ser No	Nomenclature	A/U	Qty	Basic Price (Unit price) Including Freight Charges	Total Amt
<u>Stores to be supplied to 504 SS & TC (GREF) Phuentsholing (Bhutan)</u>					
11	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 1.80 Mtr x 1.53 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 with provision of suitable rivet and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-XI)	Nos	16		
12	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 3.10 Mtr x 1.53 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 with provision of suitable rivet and clamp for fitting. Drawing marked as Appendix 'J' (Annexure-XII)	Nos	04		
13	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 1.90 Mtr x 1.53 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 with provision of suitable rivet and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-XIII)	Nos	06		
14	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type-IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 9.50Mtr x 1.53 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 with provision of suitable rivet and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Drawing marked as Appendix 'J' (Annexure-XIV)	Nos	01		
15	Retro reflective Mild Steel Hazard marker Sign with Post (Two Way) as per BTS 33: 2017 section 6.5.1.2. Drawing marked as Appendix 'J' (Annexure-XV)	Nos	114		
16	Retro reflective Mild Steel Hazard marker sign with post (Left) as per BTS 33: 2017 section 6.5.1.2. Drawing marked as Appendix 'J' (Annexure-XV)	Nos	362		

HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-55/E3ES dt 20 Jan 2025

17	Retro reflective Mild Steel Hazard marker sign with post (Right) as per BTS 33: 2017 section 6.5.1.2. Drawing marked as Appendix 'J' (Annexure-XV)	Nos	362		
18	Chevron Sign 4mm ACP (Aluminium Composite Material) Sheet, Type IV Retro Reflective Sheeting, 500 x 600 mm size section 6.5.1.1 of BTS 33: 2017 with direction symbol in black on yellow background as per IRC 67-2022 and fixed on one post 3mtr MS Angle size 50x50x5 mm duty Painted with alternate white and black band. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M Qty:- Left : 772 Nos & Right : 772 Nos	Nos	1544		
				Total Amount	
In words (Rupees _____ only)					

Registration No. of Firm
TIN No. of Firm
Firm Seal
Fax & Tele No.

Kumar Gaurav
(Kumar Gaurav)
AE (Civ)
SO -1 (Res)
for Chief Engineer

HQ CE (P) Dantak Enq No 30003/DTK/19TF/ENQ-55/E3ES dt 20 Jan 2025

Appendix 'C' (Annexure-II)

Ser No	Nomenclature	A/U	Qty	Basic Price (Unit price) Including Freight Charges	Total Amt
Stores to be supplied to Dett 'A' 504 SS & TC (GREF) Samdrup Jongkhar, Bhutan					
19	Reflective cautionary/mandatory sign triangular/circular shape and dimension as given below and as per BTS 33 : 2017 made out of 3 mm thick aluminium composite panels (ACP) fully covered with Type-VI, high Intensity retro reflective sheeting confirming to ASTM D-4956 & IRC 67 -2022 and white background with symbol in black, border Red as per BTS 33 : 2017. The black portion should be coated with solve enamel. The board should be mounted on a frame made of angle iron of dimension 25 x 25 x 3mm the board should be further mounted on a MS angle iron post of 3m length and dimension 50 x50 x 3mm. The frame should be coated with two layers of red oxide and two layer of paint. Make of retro reflective sheeting : Avery Dennison / Orafol /3M Drawing marked as Appendix 'J' (Annexure-XVI)				
	(a) Left hand Curve (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	124		
	(b) Right hand Curve (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	123		
	(c) Left Hair Pin Bend (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	16		
	(d) Right Hair pin bend (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	16		
	(e) U Turn (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	07		
	(f) School Ahead (Triangular) Size 750 mm as per BTS 33 : 2017	Nos	07		
	(g) Load Class 70T (Circular) Size 750 mm as per BTS 33 : 2017	Nos	12		
	(h) Speed Limit 40 Kmph (Circular) having dia Size 600 mm as per BTS 33: 2017	Nos	04		
20	Retro Reflective information sign board rectangular size 800mm x 600mm made out of 3mm thick aluminium composite panels (ACP) fully covered with Type-IV high Intensity Retro reflective sheeting confirming to ASTMD4956 Type-III as per IRC 67-2012 . Inscription shall be English & Dzongkha (Bhutanese Language) or other language. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022, Make of retro reflective sheeting : Avery Dennison / Orafol /3M Village boards drawing marked as Appendix 'J' (Annexure-XVII):-	Nos	06		
21	Chevron Sign 4mm ACP (Aluminium Composite Material) Sheet, Type IV Retro Reflective Sheeting, 500 x 600 mm size section 6.5.1.1 of BTS 33: 2017 with Direction symbol in black on yellow background as per IRC 67-2022 and fixed on one post 3mtr MS Angle size 50x50x5 mm duty Painted with alternate white and black band. Make of retro reflective sheeting : Avery Dennison / Orafol /3M Qty :- Left : 125 Nos & Right : 125 Nos	Nos	250		
Total Amount					
In words (Rupees _____ only)					

Registration No. of Firm
TIN No. of Firm
Firm Seal
Fax & Tele No.

Kumar Gaurav
(Kumar Gaurav)
AE (Civ)
SO -1 (Res)
for Chief Engineer

Contd....21/-

EMD BANK GUARANTEE FORMAT

HQ CE (P) Dantak Enq No 30003/DTK/19TF/ENQ-55/E3ES dt 20 Jan 2025

Whereas (hereinafter called the "Bidder") has submitted their offer against enquiry No 30003/DTK/19TF/ENQ-55/E3ES dated 20 Jan 2025 for the supply of stores (hereinafter called the "Bid") against the Buyer's Request for proposal No 30003/DTK/19TF/SO-/E3ES dated ____/____/2025 KNOW ALL MEN by these presents that we.....of.....having our registered office at.....are bound unto.....(hereinafter called the "Buyer) in the sum of.....for which payment will and truly to be made to the said Buyer, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this..... day of ____/____/ie 2025.

The conditions of obligations are:-

1. If the Bidder withdraws or amends, impairs or derogates from the Bid in any respect within the period of validity of this tender.
2. If the Bidder having been notified of the acceptance of his tender by the Buyer during the period of its validity.
3. If the Bidder fails to furnish the Performance Bank Guarantee for the due performance of the supply order.
4. Fails or refuses to accept/execute the supply order.

We undertake to pay the Buyer up to the above amount upon receipt of its first written demand, without the Buyer having to substantiate its demand, provided that in its demand the Buyer will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions. This guarantee will remain in force upto and including 90 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

.....
.....
.....
.....

(Signature of the authorized officer of the Bank)
Name and designation of the officer
Seal, name & address of the Bank and address of the Branch

PERFORMANCE BANK GUARANTEE FORMATHQ CE (P) Dantak Enq No 30003/DTK/19TF/ENQ-55/E3ES dt 20 Jan 2025

From:

Bank _____

To,

.....

Dear Sir,

1. Whereas you have entered into a supply order No 30003/DTK/19TF/SO- /E3ES dated ____/ /2025 (hereinafter referred to as the said supply order) with _____, hereinafter referred to as the "seller/consignor" for supply of goods as per Part-II of the said supply order to the said seller/consignor and where as the Seller/consignor has undertaken to produce a bank guarantee for(5%) of total supply order value amounting to _____ to secure its obligations to the HQ CE (P) Dantak. We the _____ bank hereby expressly, irrevocably and unreservedly undertake and guarantee as principal obligors on behalf of the seller/consignor that, in the event that the HQ CE (P) Dantak declares to us that the goods have not been supplied according to the performance obligations under the aforementioned supply order, we will pay you, on demand and without demur, all and any sum up to a maximum of _____ (Rupees _____ only). Your written demand shall be conclusive evidence to us that such repayment is due under the terms of the said supply order. We undertake to effect payment upon receipt of such written demand.

2. We shall not be discharged or released from this undertaking and guarantee by any arrangements, variations made between you and the Seller/consignor, indulgence to the Seller/consignor by you, or by any alterations in the obligations of the Seller/consignor or by any forbearance whether as to payment, time performance or otherwise.

3. In no case shall the amount of this guarantee be increased.

4. This guarantee shall remain valid for months from the date of acceptance of consignment in India/Bhutan or until all the store, spares and documentation have been supplied according to the performance obligations under the said supply order at the destination FOR.

6. Unless a demand or claim under this guarantee is made on us in writing or on before the aforesaid expiry date as provided in the above referred supply order or unless this guarantee is extended by us, all your rights under this guarantee shall be forfeited and we shall be discharged from the liabilities hereunder.

7. This guarantee shall be a continuing guarantee and shall not be discharged by and change in the constitution of the Bank or in the constitution of M/s _____.

Contd...23/-

FORMAT OF CERTIFICATE OF ACCEPTANCEHQ CE (P) Dantak Enq No 30003/DTK/19TF/ENQ-55/E3ES dt 20 Jan 2025CERTIFICATE OF ACCEPTANCE

1. Certified that the M/s _____, hereby accepts the supply order No 30003/DTK/19TF/SO- /E3ES dated ____/____/2025 of the against enquiry No 30003/DTK/19TF/ENQ-55/E3ES dated 20 Jan 2025 as per the supply order assigned to them and handed over the same to HQ CE (P) Dantak at _____ hours, on this _____ day of the month _____ in the year two thousand and twenty five.
2. The list of liabilities as on date is placed at annexure to this certificate.
3. Signed on _____ day of _____ two thousand and twenty five.

 REP
 FOR AND ON BEHALF OF
 THE CHIEF ENGINEER PROJECT DANTAK

 REP OF
 M/s _____

Note. This certificate of acceptance will remain in force till the validity of supply order.

Contd...24/-

HQ CE (P) Dantak Enq No 30003/DTK/19TF/ENQ-55/E3ES dt 20 Jan 2025

UNDERTAKING CERTIFICATE

"It is certified that the goods / materials given in the Enquiry No 30003/DTK/19TF/Enq-55/E3ES dt 20 Jan 2025 of HQ CE (P) Dantak will be supplied by me / our firm as export and for use in Bhutan. It is declared that no GST cost has been included by me in the rates quoted in above mentioned enquiry".

Stamp & Signature with date :

Name of the bidder :

Name of firm with address :

Contd...25/-

➤ HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-55/E3ES dt 20 Jan 2025

SELF DECLARATION CERTIFICATE

It is certified that my firm M/s _____ is not under banned from participation in tenders by any Govt. organization of India/Bhutan. In the event of my declaration being found as not true, my bid be cancelled and I will have no objection to it.



Stamp & Signature with date :

Name of the bidder :

Name of firm with address :

Contd...26/-

HQ CE (P) Dantak Eng No 30003/DTK/19TF/ENQ-55/E3ES dt 20 Jan 2025

CERTIFICATE WITH REFERENCE TO PART PAYMENT CLAUSE BY L1 VENDOR

In the event of Supply Order being placed to me (being L1 vendor) for a Supply Order amount more than 25 lakh, I would like to **receive/ not receive** part payment as per Para 26 of RFP.

(*Strike out whichever is not applicable)

Stamp & Signature with date :

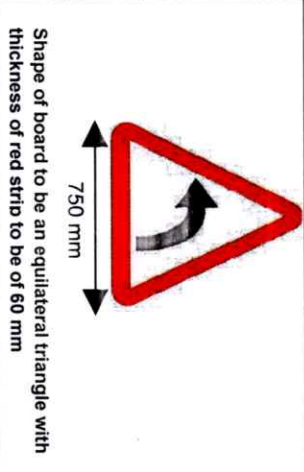
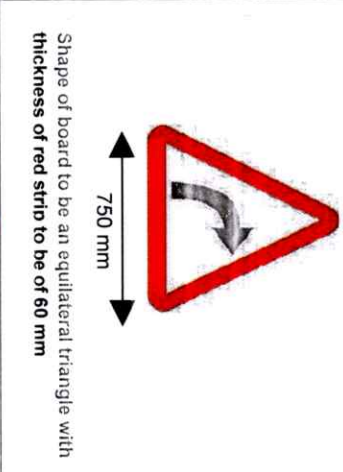
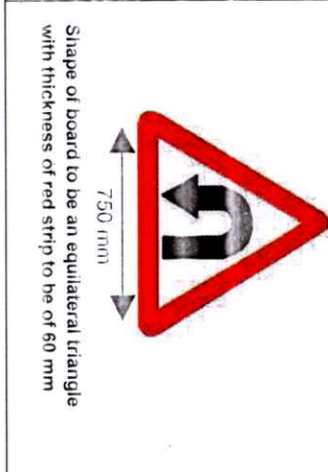
Name of the bidder :

Name of firm with address :

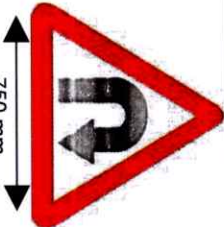

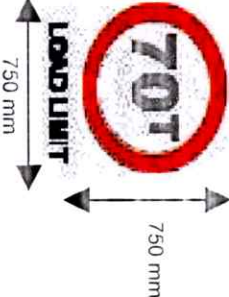



DRAWINGS OF ROAD SIGNAGE

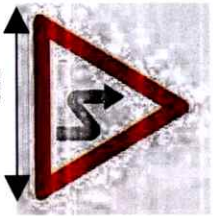
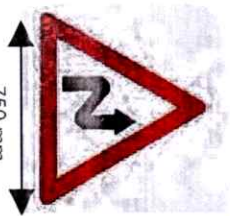
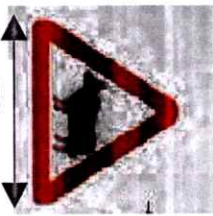
Appendix 'J' (Annexure-I)

<u>S No</u>	<u>Description</u>	<u>Size of Board</u>	<u>Drawing of Boards</u>	<u>Qty</u>
01	Reflective cautionary/mandatory sign triangular/circular shape and dimension as given below and as per BTS 33 : 2017 made out of 3 mm thick aluminium composite panels (ACP) fully covered with Type-IV, high Intensity retro reflective sheeting confirming to ASTM D-4956 & IRC 67 -2022 and white background with symbol in black, border Red as per BTS 33 : 2017. The black portion should be coated with solve enamel. The board should be mounted on a frame made of angle iron of dimension 25 x 25 x 3mm the board should be further mounted on a MS angle iron post of 3m length and dimension 50 x50 x 3mm. The frame should be coated with two layers of red oxide and two layer of paint. Make of retro reflective sheeting : Avery Dennison / Orafol /3M			
(a)	Left hand Curve (Triangular)	750 mm		235
(b)	Right hand Curve (Triangular)	750 mm		235
(c)	Left Hair Pin Bend (Triangular)	750 mm		30

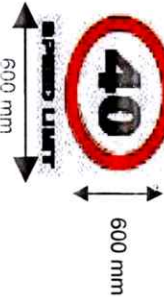
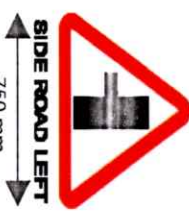
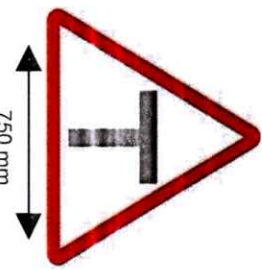

Appendix 'J' (Annexure-'I')

<u>S No</u>	<u>Description</u>	<u>Size of Board</u>	<u>Drawing of Boards</u>	<u>Qty</u>
(d)	Right Hair pin bend (Triangular)	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	30
(e)	School Ahead (Triangular)	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	18
(f)	Load Class 70T (Circular)	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	34
(g)	Pedestrian Cross (Triangular)	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	12

Appendix 'J' (Annexure-'1')

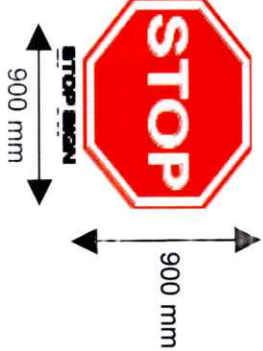


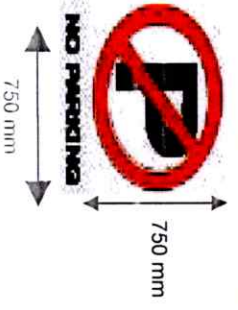
<u>S No</u>	<u>Description</u>	<u>Size of Board</u>	<u>Drawing of Boards</u>	<u>Qty</u>
(h)	Left Reverse Bend (Triangular)	750mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	9
(j)	Right Reverse Bend (Triangular)	750mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	5
(k)	Animal Crossing (Triangular)	750mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	2

Appendix 'J' (Annexure-'1')

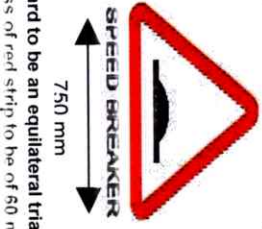



S No	Description	Size of Board	Drawing of Boards	Qty
(l)	Speed Limit 40Kmph (Circular) having dia Size 600 mm as per BTS 33 : 2017	600 mm dia	 <p>600 mm</p>	18
(m)	Side (Feeder) road left (Triangular)	750 mm	 <p>750 mm</p>	05
(n)	T-Junction (Triangular)	750 mm	 <p>750 mm</p>	02
(o)	Series of bends (Triangular)	750 mm	 <p>750 mm</p>	06

Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm

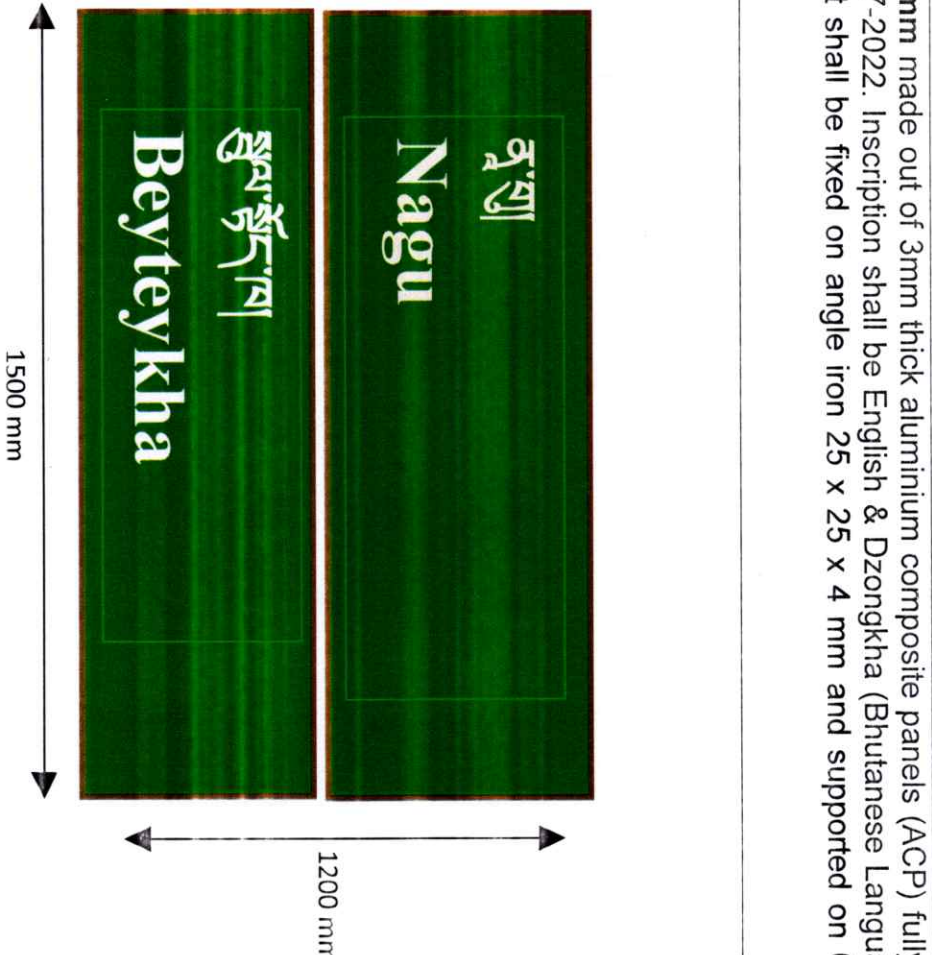
Appendix 'J' (Annexure-I)

<u>S No</u>	<u>Description</u>	<u>Size of Board</u>	<u>Drawing of Boards</u>	<u>Qty</u>
(p)	Stop sign (Octagonal)	900 mm		04
(q)	Falling Rock (Triangular)	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	04
(r)	Y-Intersection (left) (Triangular)	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	04
(s)	No Parking (Circular)	750 mm		06

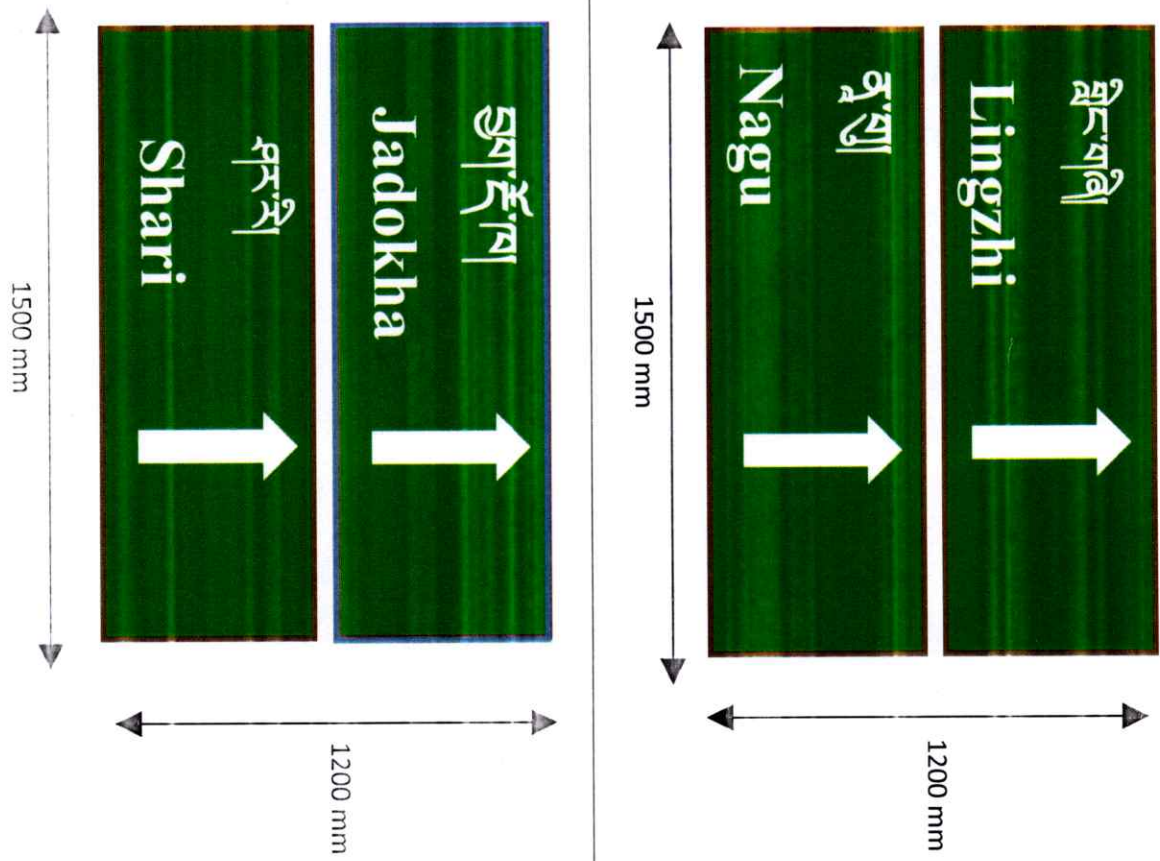
Appendix 'J' (Annexure-I)

S No	Description	Size of Board	Drawing of Boards	Qty
(t)	Speed breaker (Triangular)	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	04
(u)	Steep Ascent (Triangular)	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	02
(v)	Steep Descent (Triangular)	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	02
(w)	Intersection (Triangular)	750mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	01

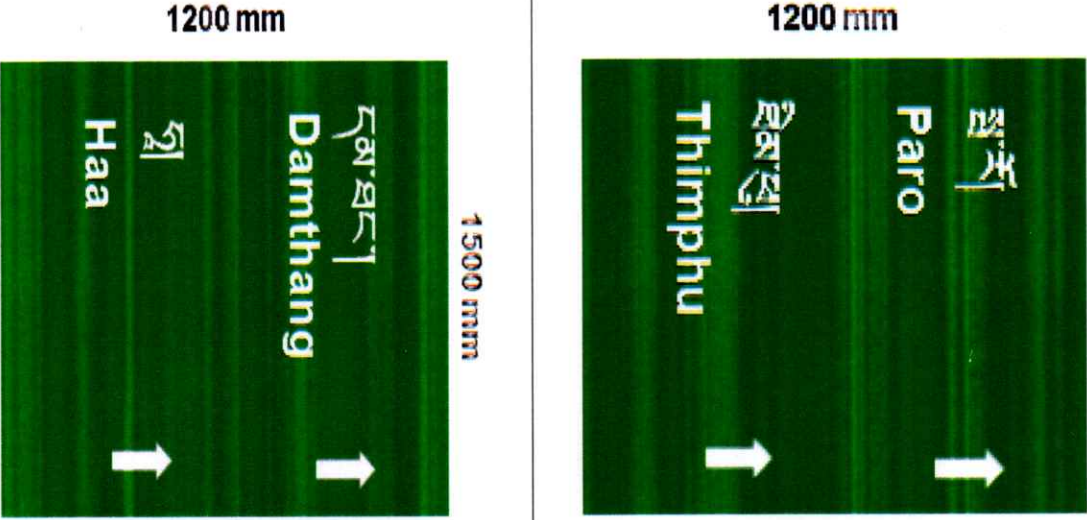
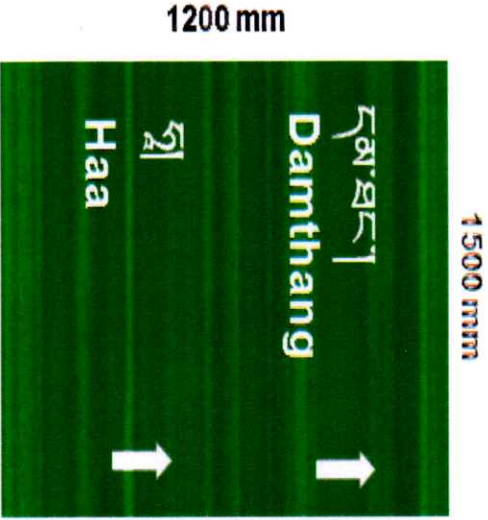
Appendix 'J' (Annexure-II)

S No	Description	Size of Board	Drawing of Boards	Qty
2	<p>Retro Reflective information sign board rectangular size 1200 mm x 1500 mm made out of 3mm thick aluminium composite panels (ACP) fully covered with Type-IV High Intensity Retro reflective sheeting conforming to ASTM D4956 / IRC 67-2022. Inscription shall be English & Dzongkha (Bhutanese Language) or other language strictly as per IRC 33 : 2017 of section 4.3.2.1. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022. Make of Retro reflective sheeting : Avery Dennison /Orafol/ 3M</p>	1200 mm x 1500 mm		01

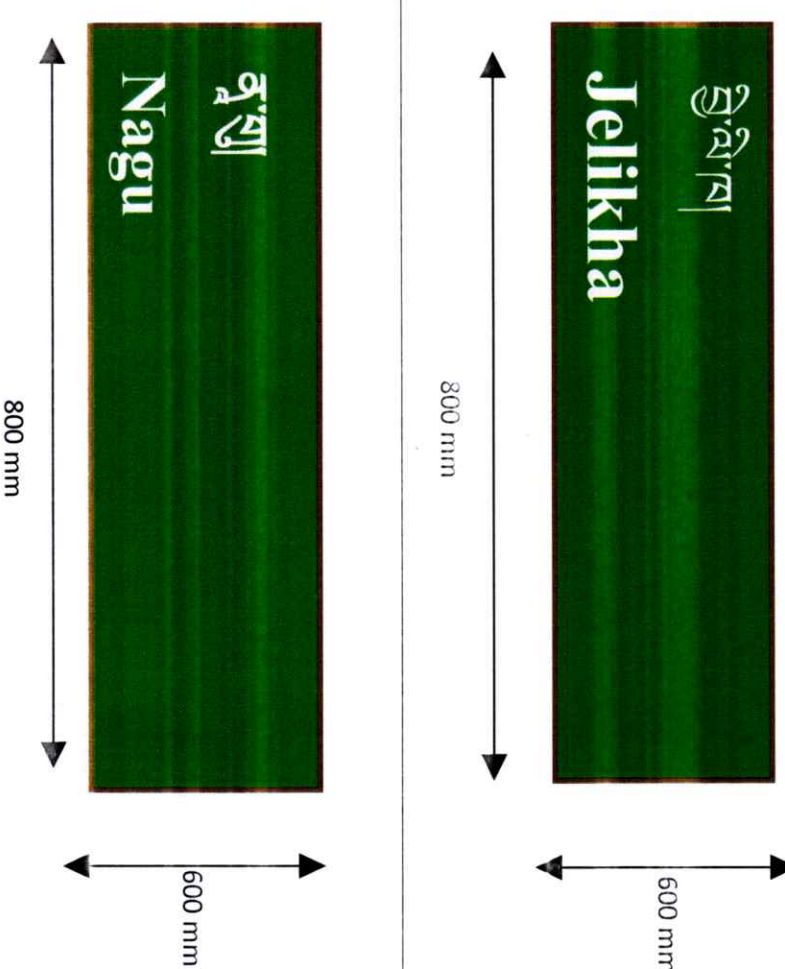
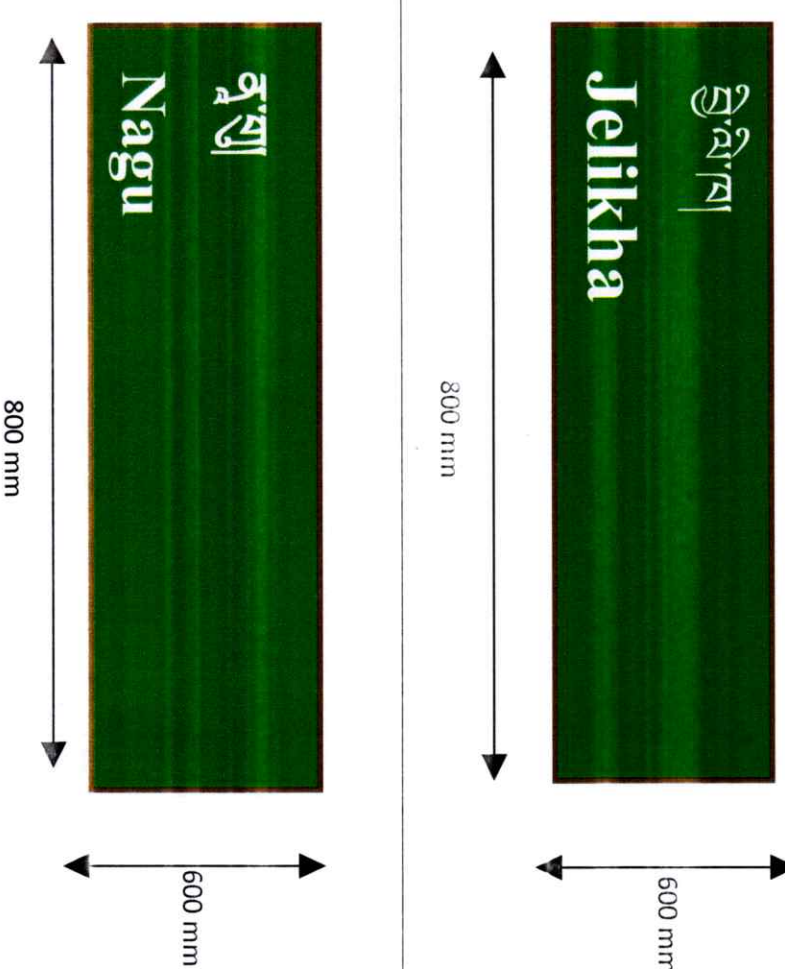
Appendix 'J' (Annexure-II)

S No	Description	Size of Board	Drawing of Boards	Qty
	(a) Advance direction	1200 mm x 1500 mm	 <p>The drawing shows two rows of boards. The top row contains two boards: the left one is labeled 'Lingzhi' with Nepali text 'लिंग्जि' above it, and the right one is labeled 'Nagu' with Nepali text 'नगु' above it. The bottom row contains two boards: the left one is labeled 'Jadokha' with Nepali text 'जादोखा' above it, and the right one is labeled 'Shari' with Nepali text 'शरी' above it. Each board has a white arrow pointing to the right. Dimension lines indicate a total width of 1500 mm for the two boards in each row, and a width of 1200 mm for each individual board.</p>	01

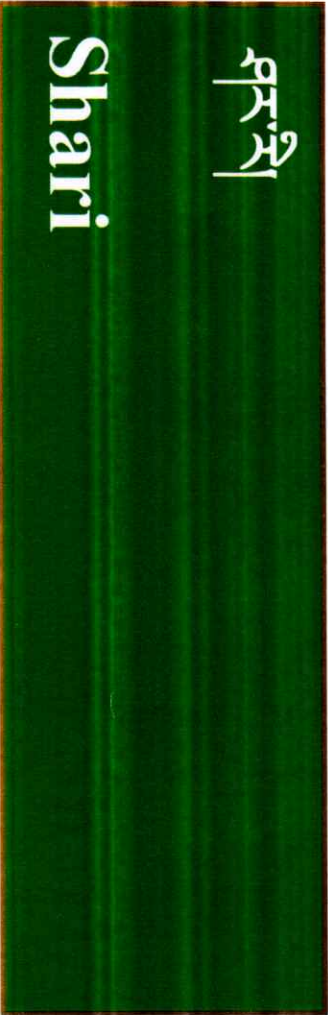
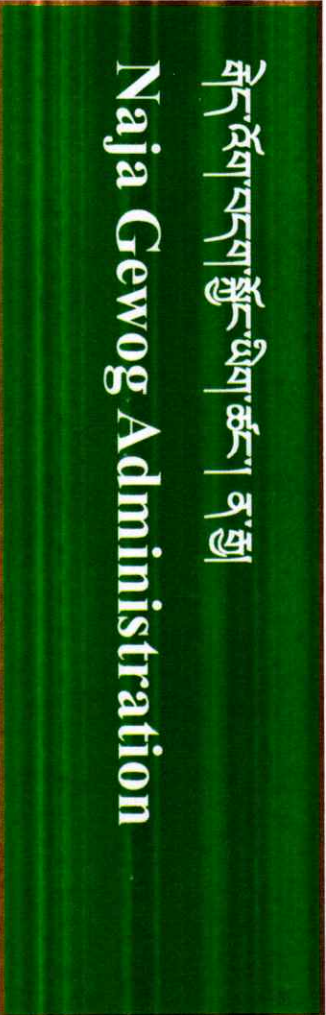
Appendix 'J' (Annexure-II)


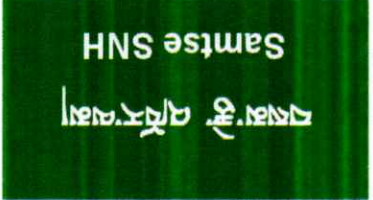




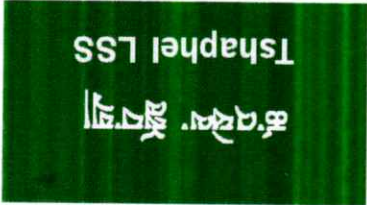

S No	Description	Size of Board	Drawing of Boards	Qty
	(a) Advance direction (contd)	1200 mm x 1500 mm		03
				02







Appendix 'J' (Annexure-III)







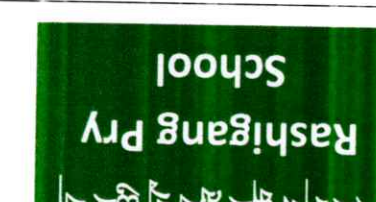

S No	Description	Size of Board	Drawing of Boards	Qty
3	Retro Reflective information sign board rectangular size 800mm x 600mm made out of 3mm thick aluminium composite panels (ACP) fully covered with Type-IV, high Intensity Retro reflective sheeting conforming to ASTM D4956 as per IRC 67-2012. Inscription shall be English & Dzongkha (Bhutanese Language) or other language. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022. Make of Retro reflective sheeting : Avery Dennison / Orafol /3M	800 mm x 600 mm	 <p>The drawing shows two rectangular sign boards. The top board is labeled 'Jelikha' in Dzongkha and English. It has a height of 800 mm and a width of 600 mm. The bottom board is labeled 'Nagu' in Dzongkha and English. It also has a height of 800 mm and a width of 600 mm.</p>	02
(a) Informatory Sign			 <p>The drawing shows two rectangular sign boards. The top board is labeled 'Jelikha' in Dzongkha and English. It has a height of 800 mm and a width of 600 mm. The bottom board is labeled 'Nagu' in Dzongkha and English. It also has a height of 800 mm and a width of 600 mm.</p>	02

Appendix 'J' (Annexure-III)

S No	Description	Size of Board	Drawing of Boards	Qty
	(a) Informatory Sign	800 mm x 600 mm		02
				02

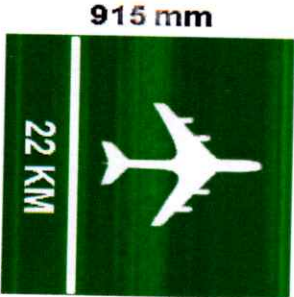
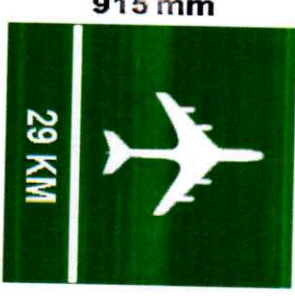





S No	Description	Size of Board	Drawing of Boards	Qty
	(a) Informatory Sign	800 mm x 600 mm		
				02
				02
				02
				02
				02
				02
				02
				02

S No	Description	Size of Board	Drawing of Boards	Qty
	(a) Informatory Sign	800 mm x 600 mm		
			 <p>600mm 800mm</p>	02
			 <p>600mm 800mm</p>	02
			 <p>600 mm 800 mm</p>	02
			 <p>600 mm 800 mm</p>	02
			 <p>600mm 800mm</p>	02
			 <p>600 mm 800 mm</p>	02

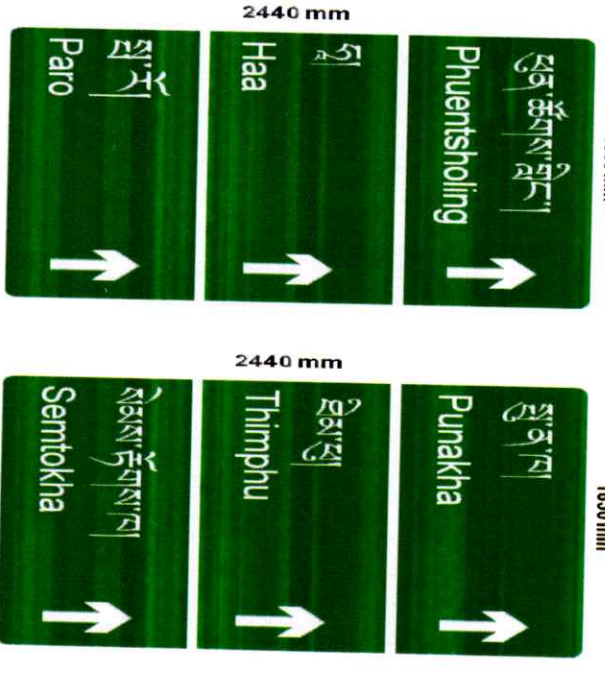
S No	Description	Size of Board	Drawing of Boards	Qty
	(a) Informatory Sign	300 mm x 600 mm		
				02
				02
				02
				02
				02
				02
				02
				02

S No	Description	Size of Board	Drawing of Boards	Qty
	(a) Informatory Sign	800 mm x 600 mm		
				02
				02
				02
				02

Appendix 'J' (Annexure-IV)

S No	Description	Size of Board	Drawing of Boards	Qty
4.	Retro Reflective information sign board rectangular size 1220mm x 915mm made out of 3mm thick aluminium composite panels (ACP) fully covered with Type IV high Intensity Retro reflective sheeting confirming to ASTM D4956 & as per IRC 67-2022 . Inscription shall be English & Dzongkha (Bhutanese Language) or other language strictly as per IRC 33 : 2017 of section 4.3.2.1.. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022. Make of Retro reflective sheeting: Avery Dennison / Orafol /3M	(a) Advance direction sign 1220 mm x 915 mm	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>1220 mm 915 mm 22 KM 01 Nos</p> </div> <div style="text-align: center;">  <p>1220 mm 915 mm 29 KM 01 Nos</p> </div> <div style="text-align: center;">  <p>1220 mm 915 mm 34 KM 01 Nos</p> </div> <div style="text-align: center;">  <p>1220 mm 915 mm 38 KM 01 Nos</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">  <p>1220 mm 915 mm Km 151.00 01 Nos</p> </div> <div style="text-align: center;">  <p>1220 mm 915 mm Km 158.00 01 Nos</p> </div> <div style="text-align: center;">  <p>1220 mm 915 mm Km 141.00 01 Nos</p> </div> </div>	Each 01 (Total 07)

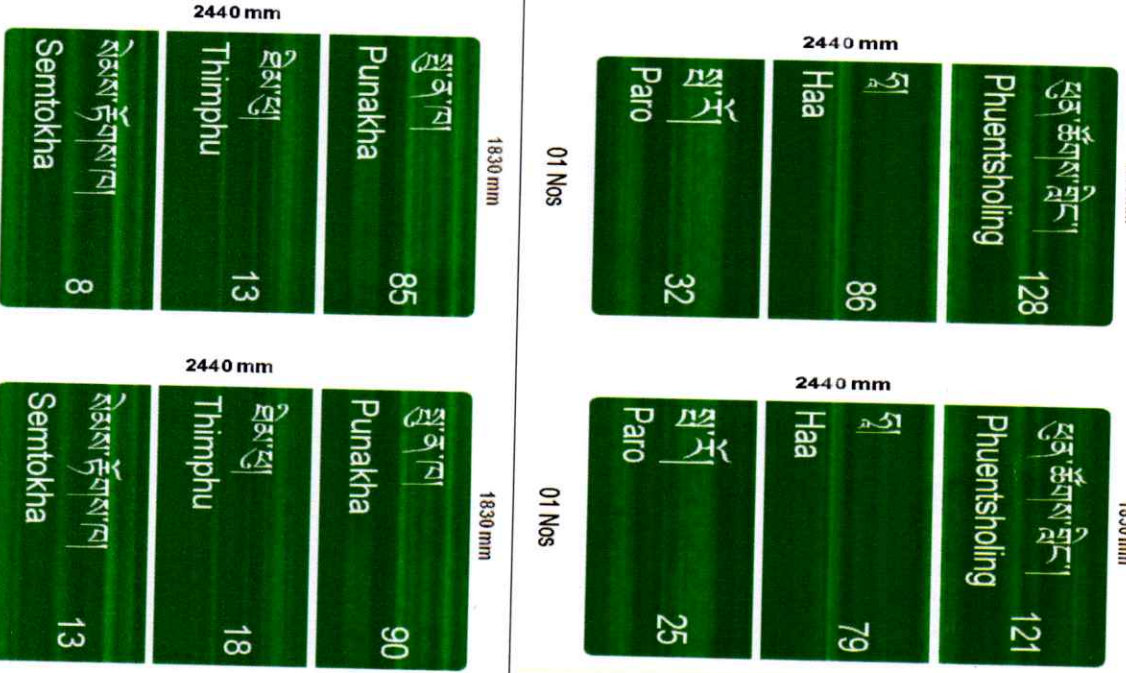
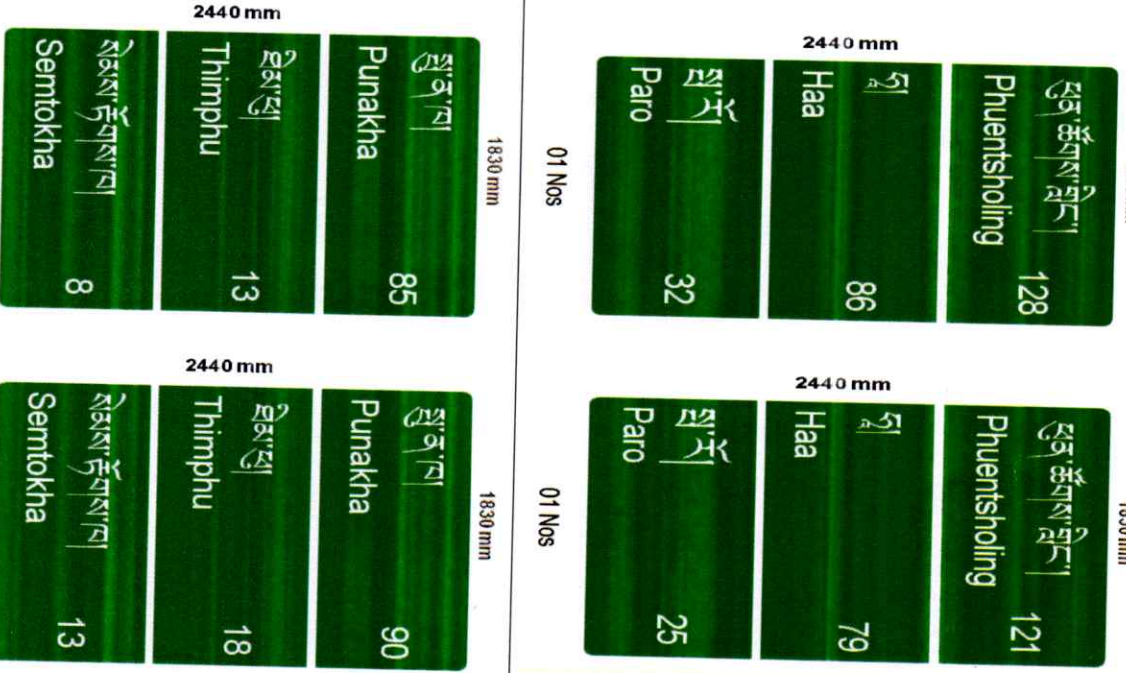
Appendix 'J' (Annexure-V)

S No	Description	Size of Board	Drawing of Boards	Qty
5	<p>Retro Reflective information sign board rectangular size 1830mm x 2440mm made out of 3mm thick aluminium composite panels (ACP) fully covered with Type IV, high Intensity Retro reflective sheeting conforming to ASTM D4956 & as per IRC 67-2022. Inscription shall be English & Dzongkha (Bhutanese Language) or other language strictly as per IRC 33 : 2017 of section 4.3.2.1.. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022.</p> <p>Make of Retro reflective sheeting : Avery Dennison /Orafol/3M</p> <p>(a) Advance direction sign</p>	1830 mm x 2440 mm	 <p>The drawing shows six rectangular signs, each 1830 mm wide and 2440 mm high. Each sign is green with white text and a white arrow pointing right. The signs are arranged in two columns of three. The left column contains signs for Phuentsholing, Haa, and Paro. The right column contains signs for Punakha, Thimphu, and Semtokha. Each sign has the location name written in both English and Dzongkha script. The dimensions 1830 mm and 2440 mm are indicated for each sign.</p>	<p>Each 04 (Total 08)</p>

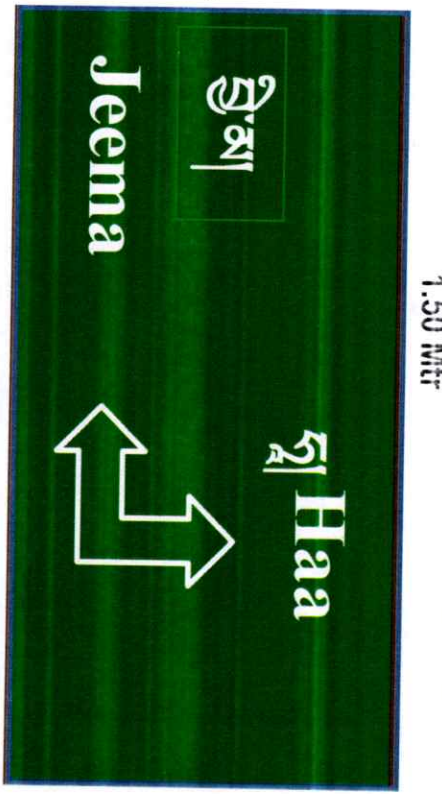
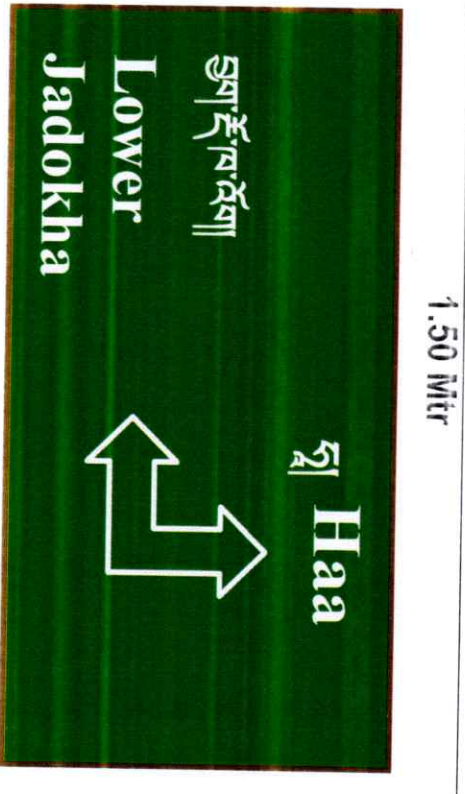
Appendix 'J' (Annexure-V)

S No	Description	Size of Board	Drawing of Boards	Qty
(b)	Reassurance board	1830 mm x 2440 mm		Each 01 (Total 02)
				Each 01 (Total 02)

Appendix 'J' (Annexure-V)

S No	Description	Size of Board	Drawing of Boards	Qty
(b)	Reassurance board	1830 mm x 2440 mm		Each 01 (Total 02)
				Each 01 (Total 02)

Appendix 'J' (Annexure-VI)

S No	Description	Size of Board	Drawing of Boards	Qty
6.	Retro Reflective Advance Direction board rectangular size 1.50m x 1.20m made out of 3mm thick aluminium composite panels (ACP) fully covered with Type IV, high Intensity Retro reflective sheeting confirming to ASTM D4956 as per IRC 67-2022. Inscription shall be English & Dzongkha (Bhutanese Language) or other language. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per Drq No. 16.1 of IRC 67:2022. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M	1.50 Mtr x 1.20 Mtr		01
				01

Appendix 'J' (Annexure-VII)

S No	Description	Size of Board	Drawing of Boards	Qty
07	Overhead Gantry Signage Boards (Front and Back) made of Aluminium composite material panel 4mm thick with Type IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D4956 and IRC-67-2022 standards of overall dimension size 5.50 x 1.50 Mtr including designing of the boards with appropriate color of sheets as per sketch attached and size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 and BTS 33 : 2017 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M	5.50 Mtr x 1.50 Mtr	<p>The drawing shows two views of the signage boards. The top view is labeled 'Front' and shows three horizontal boards. The top board is labeled 'Gedu 61' with the Nepali word 'गढु' above it. The middle board is labeled 'Chhukha 23' with 'छु' above it. The bottom board is labeled 'Paro 39' with 'पारो' above it. A dimension line indicates a height of 1.50 Mtr for this section. Below this is another section labeled 'Back' showing three horizontal boards. The top board is labeled 'Thimphu 44' with 'थिम्पु' above it. A dimension line indicates a height of 1.50 Mtr for this section. A large dimension line across the entire drawing indicates a width of 5.50 Mtr.</p>	01


Appendix 'J' (Annexure-VII)

S No	Description	Size of Board	Drawing of Boards	Qty
		5.50 Mtr x 1.50 Mtr	<p>The drawing shows three horizontal boards stacked vertically. Each board is 5.50 Mtr long and 1.50 Mtr wide. The top board is labeled 'Gedu 75' with 'Front' below it. The middle board is labeled 'Phuentsholing 121' with 'Front' below it. The bottom board is labeled 'Thimphu 30' with 'Back' below it. Dimensions are indicated with arrows: 5.50 Mtr for the length of each board, and 1.50 Mtr for the width of each board.</p>	01

Appendix 'J' (Annexure-VII)

S No	Description	Size of Board	Drawing of Boards	Qty
		5.50 Mtr x 1.50 Mtr	<p>The drawing shows three horizontal boards, each 1.50 Mtr wide and 5.50 Mtr long. The top board is labeled 'Chhukha 33' with Dzongkha text above and below. The middle board is labeled 'Phuentsholing 117' with Dzongkha text above and below. The bottom board is labeled 'Thimphu 34' with Dzongkha text above and below. The boards are oriented vertically, with 'Front' and 'Back' labels at the bottom.</p>	01

Appendix 'J' (Annexure-VIII)

S No	Description	Size of Board	Qty
08	<p>Prefabricated full gantry posts with frame and signage board (Front and back). MS pipe post 300 mm dia height 7.0 mtr, Base plate 1 mtr x 1 mtr x 10 mm, Anchor Bolt 24 Nos 25 mm dia length 700mm, sign Board frame with MS Square pipe 40 mm dia alongwith signage board (both side) as per IRC 67-2022 and inscription shall be as per BTS 33 : 2017 with nut bolts system.</p> <p>Gantry Signage Boards (Front and Back) made of Aluminium composite material panel 4mm thick with Type IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 12 Mtr x 1.50 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50Km/Hr as per IRC : 67-2022 and BTS 33:2017 with provision of suitable revit and clamp for fitting.</p> <p>Make of Retro reflective sheeting : Avery Dennison /Orafol /3M</p>	 <p>The drawing shows a green sign board with white text and arrows. The main text reads 'ཇུའཛོལ་ སུ་ རྒྱལ་ཡོང་པའི་རིམ་གཞུང་ལམ།' and 'CHUZOM - HAA SECONDARY NATIONAL HIGHWAY'. Below this, three directions are listed: 'པཱ་རོ།' (PARO) with a distance of 78 and an arrow pointing left; 'ཐིམ་ཕུག།' (THIMPHU) with a distance of 84 and an arrow pointing right; and 'ཕུང་ཚོགས་སེང་།' (PHUENTSHOLING) with a distance of 175 and an arrow pointing right. A vertical dimension line on the left indicates a height of 1.50 Mtr. A horizontal dimension line at the bottom indicates a width of 12 Mtr. The word 'BACK' is written below the sign.</p>	

S No	Description	Size of Board	Drawing of Boards	Qty
				01

Appendix 'J' (Annexure-IX)

S No	Description	Size of Board	Qty
09	Overhead Gantry Signage Boards (Front and Back) made of Aluminium composite material panel 4mm thick with Type IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 12 Mtr x 1.50 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50Km/Hr as per IRC : 67-2022 and BTS 33:2017 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Oratol /3M	12 Mtr x 1.50 Mtr	01
(a)	<p style="text-align: center;">BACK</p> <p style="text-align: center;">FRONT</p>		

S No	Description	Size of Board	Drawing of Boards	Qty
(b)		12 Mtr x 1.50 Mtr	<p style="text-align: center;">BACK</p>	01

S No	Description	Size of Board	Drawing of Boards	Qty
			<p style="text-align: center;">12 Mtr</p> <p style="text-align: center;">1.50 Mtr</p> <p style="text-align: center;"><u>FRONT</u></p>	

S No	Description	Size of Board	Drawing of Boards	Qty
(c)			<p style="text-align: center;">12 Mtr</p> <p style="text-align: center;">1.50 Mtr</p> <p style="text-align: center;">BACK</p>	01

S No	Description	Size of Board	Drawing of Boards	Qty
			<p style="text-align: center;">FRONT</p>	

S No	Description	Size of Board	Drawing of Boards	Qty
			<div style="text-align: center;"> <p>1.50 Mtr</p> <p>12.00</p> <p>FRONT</p> </div>	

Appendix 'J' (Annexure-X)

S No	Description	Size of Board	Qty
10	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 1.90 Mtr x 1.50 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 and BTS 33 : 2017 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M	1.90 Mtr x 1.50 Mtr	Each 01 (Total 08)
<p>Drawing of Boards</p>			

Appendix 'J' (Annexure-X)

S No	Description	Size of Board	Drawing of Boards	Qty
		1.90 Mtr x 1.50 Mtr	<p>The drawing shows four rectangular boards arranged in a 2x2 grid. Each board has a height of 1.90 Mtr and a width of 1.50 Mtr. The top-left board contains the text 'Wangkha 08'. The top-right board contains 'AH 48'. The bottom-left board contains 'Gedu 24'. The bottom-right board contains 'AH 48'. Dimension lines indicate the 1.90 Mtr height and 1.50 Mtr width for each board.</p>	

Appendix 'J' (Annexure-XII)

S No	Description	Size of Board	Drawing of Boards	Qty
11	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 1.80 Mtr x 1.53 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M	1.80 Mtr x 1.53 Mtr		Each 01 (Total 16)

Appendix 'J' (Annexure-XI)

S No	Description	Size of Board	Drawing of Boards	Qty
		1.80 x 1.53 Mtr		

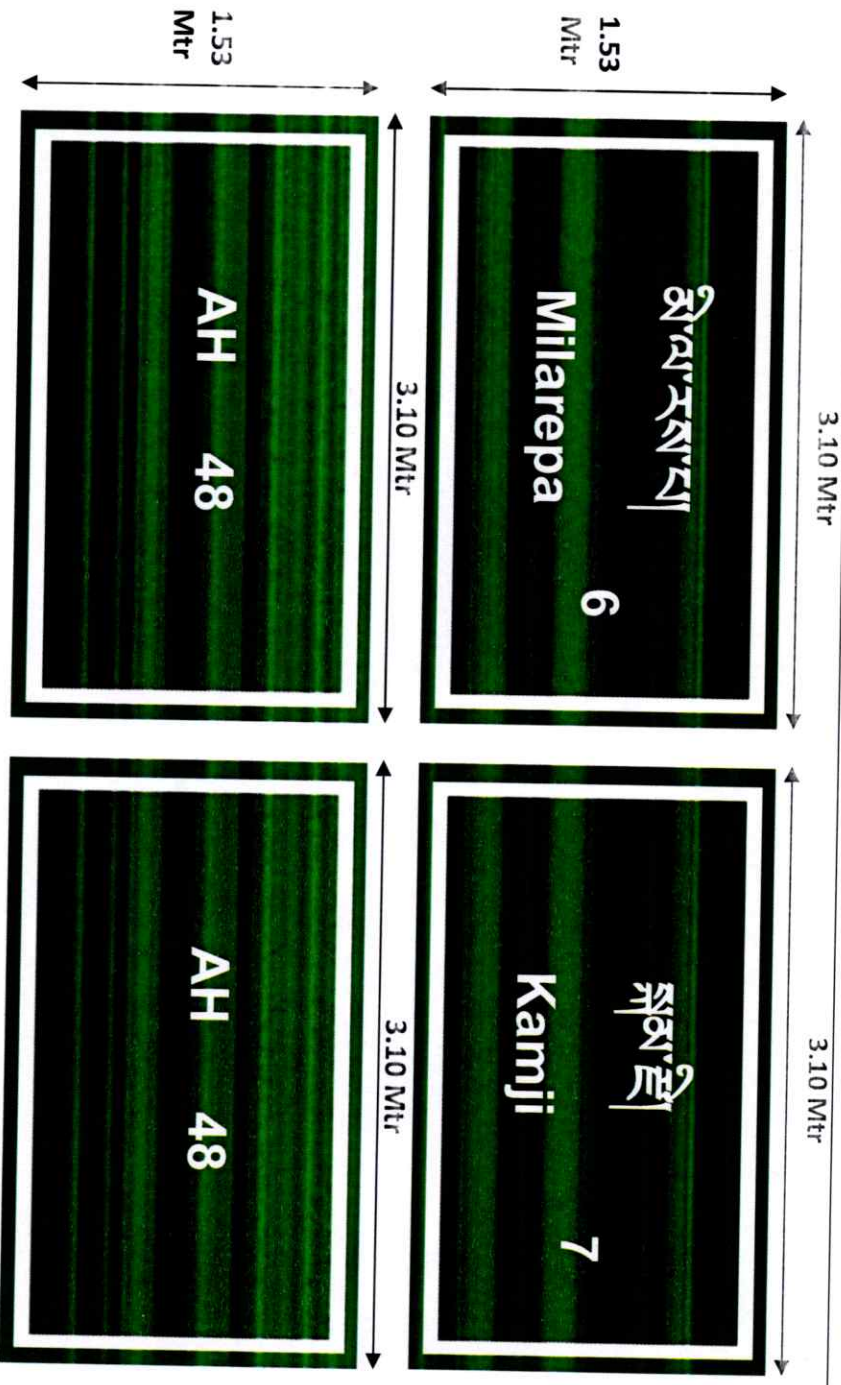
Appendix 'J' (Annexure-XI)

S No	Description	Size of Board	Drawing of Boards	Qty
		1.80 Mtr x 1.53 Mtr	<p>The drawing shows four rectangular boards arranged in a 2x2 grid. Each board has a width of 1.80 Mtr and a height of 1.53 Mtr. The top-left board contains the text 'गङ्गलखा 7'. The top-right board contains the text 'पासाखा 33'. The bottom-left board contains the text 'AH 48'. The bottom-right board contains the text 'AH 48'. Dimension lines indicate the width and height of each board and the overall width of the two boards in each row.</p>	

Appendix 'J' (Annexure-XI)

S No	Description	Size of Board	Drawing of Boards	Qty
		1.80 Mtr x 1.53 Mtr	<p>The drawing shows four rectangular boards arranged in a 2x2 grid. Each board has a width of 1.80 Mtr and a height of 1.53 Mtr. The boards are labeled as follows:</p> <ul style="list-style-type: none"> Top-left board: Odia text 'ମାମୁ' (Mamu), English text 'Gedu', and the number '10'. Top-right board: Odia text 'କାମଜି' (Kamji), English text 'Kamji', and the number '10'. Bottom-left board: English text 'AH' and the number '48'. Bottom-right board: English text 'AH' and the number '48'. <p>Dimension lines indicate the width and height of each board and the overall grid dimensions.</p>	

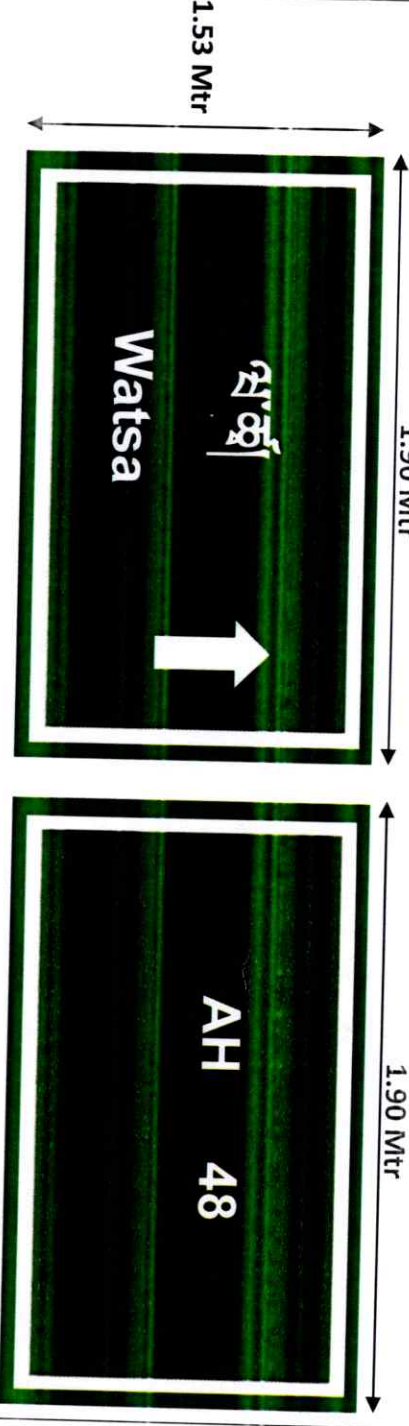
Appendix 'J' (Annexure-XII)

S No	Description	Size of Board	Qty
12	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 3.10 Mtr x 1.53 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M		Each 01 (Total 04)

Appendix 'J' (Annexure-XIII)

S No	Description	Size of Board	Qty
13	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 1.90 Mtr x 1.53 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeing : Avery Dennison /Orafol /3M	<p>1.90 Mtr x 1.53 Mtr</p>	Each 01 (Total 06)

Appendix 'J' (Annexure-XIII)

S No	Description	Size of Board	Drawing of Boards	Qty
		1.90 Mtr x 1.53 Mtr	 <p>The drawing shows two rectangular boards side-by-side. The left board has a width of 1.90 Mtr and a height of 1.53 Mtr. It contains the text 'Watsa' at the top and 'Watsa' at the bottom, with a white arrow pointing to the right between them. The right board has a width of 1.90 Mtr and a height of 1.53 Mtr. It contains the text 'AH 48' in the center. Dimension lines with arrows indicate the width and height of both boards.</p>	

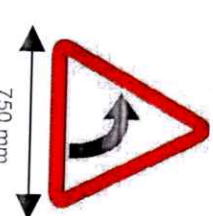
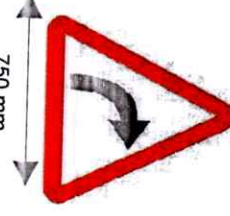
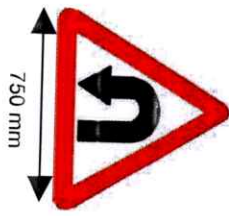
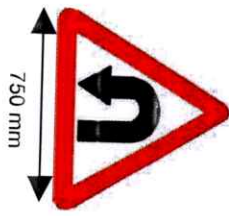
Appendix 'J' (Annexure-XIV)

S No	Description	Size of Board	Qty
14	Overhead Gantry Signage Boards made of Aluminium composite material panel 4mm thick with Type IV retro reflective engineering grade sheet with a fluorocarbon coating applied on exposed surface of Aluminium composite panel conforming to ASTM D 4956 and IRC-67-2022 standards of overall dimension size 9.50Mtr x 1.53 Mtr including designing of the boards with appropriate color of sheets as per sketches attached and front size of letter/number/arrow marks conforming to design speed 31-50 Km/Hr as per IRC : 67-2022 with provision of suitable revit and clamp for fitting. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M	<p style="text-align: center;">Drawing of Boards</p> <p style="text-align: center;">9.50 Mtr</p> <p style="text-align: right;">1.53 Mtr</p>	01

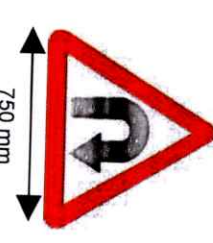

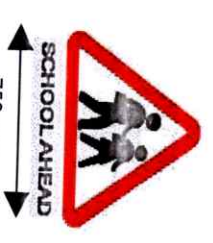
Appendix 'J' (Annexure-XV)

S No	Description	Size of Board	Drawing of Boards	Qty	
15	Retroreflective Mild Steel Hazard marker Sign with Post (Two Way) as per BTS 33: 2017 section 6.5.1.2		<p style="text-align: center;">RC:79-2018</p> <p style="text-align: center;">Application and Placement</p> <p>Fig. 9a Object Hazard Sign (Left)</p> <p>Fig. 9b Object Hazard Sign (Right)</p> <p>Fig. 9c Object Hazard Marker Two Way Sign (For Two Way Hazards)</p>	114	
16	Retroreflective Mild Steel Hazard marker sign with post (Left) as per BTS 33: 2017 section 6.5.1.2				362
17	Retroreflective Mild Steel Hazard marker sign with post (Right) as per BTS 33: 2017 section 6.5.1.2				362

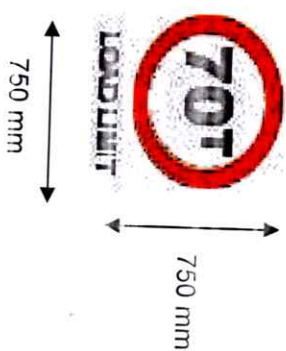
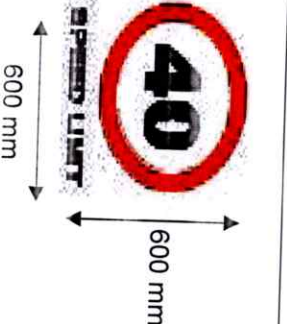
Appendix 'J' (Annexure-XVII)

S No	Description	Size of Board	Drawing of Boards	Qty
19	<p>Reflective cautionary/mandatory sign triangular/circular shape and dimension as given below and as per BTS 33 : 2017 made out of 3 mm thick aluminium composite panels (ACP) fully covered with Type IV high Intensity retro reflective sheeting confirming to ASTM D4956 & IRC 67 -2022 and white background with symbol in black, border Red as per BTS 33 : 2017. The black portion should be coated with solve enamel. The board should be mounted on a frame made of angle iron of dimension 25 x 25 x 3mm the board should be further mounted on a MS angle iron post of 3m length and dimension 50 x50 x 3mm. The frame should be coated with two layers of red oxide and two layer of paint. Make of Retro reflective sheeting : Avery Dennison /Orafol /3M</p>	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	124
(a)	<p>Left hand Curve (Triangular)</p>	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	123
(b)	<p>Right hand Curve (Triangular)</p>	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	16
(c)	<p>Left Hair Pin Bend (Triangular)</p>	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	16

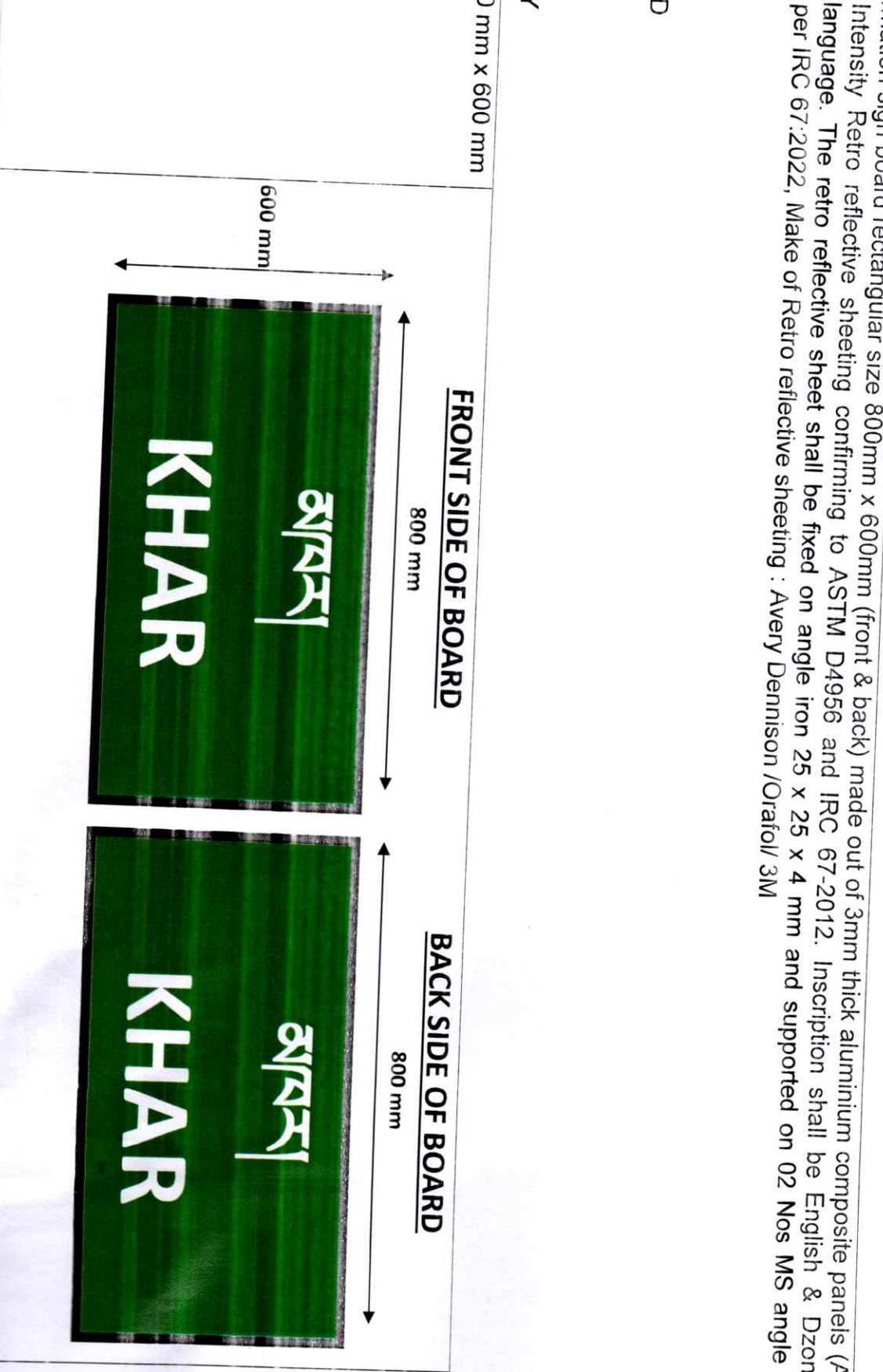
Appendix 'J' (Annexure-XVII)

<u>S No</u>	<u>Description</u>	<u>Size of Board</u>	<u>Drawing of Boards</u>	<u>Qty</u>
(d)	Right Hair pin bend (Triangular)	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	16
(e)	U Turn (Triangular)	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	07
(f)	School Ahead (Triangular)	750 mm	 <p>Shape of board to be an equilateral triangle with thickness of red strip to be of 60 mm</p>	07

Appendix 'J' (Annexure-XVII)

<u>S No</u>	<u>Description</u>	<u>Size of Board</u>	<u>Drawing of Boards</u>	<u>Qty</u>
(g)	Load Class 70T (Circular)	750 mm		12
(h)	Speed Limit 40Kmph (Circular) having dia Size 600 mm as per BTS 33 : 2017	600 mm dia		04

Appendix 'J' (Annexure-XVII)

S No	Description	Size of Board	Drawing of Boards	Qty
20	<p>Retro Reflective information sign board rectangular size 800mm x 600mm (front & back) made out of 3mm thick aluminium composite panels (ACP) fully covered with Type -IV high Intensity Retro reflective sheeting conforming to ASTM D4956 and IRC 67-2012. Inscription shall be English & Dzongkha (Bhutanese Language) or other language. The retro reflective sheet shall be fixed on angle iron 25 x 25 x 4 mm and supported on 02 Nos MS angle post 50x50x5mm including painting as per IRC 67:2022, Make of Retro reflective sheeting : Avery Dennison /Orafol/ 3M</p> <p>Village Boards :-</p> <p>(a) KHAR</p> <p>(b) TSEBAR</p> <p>(c) DUNGMAED</p> <p>(d) LANYIRI</p> <p>(e) MEKURI</p> <p>(f) TSHOBALEY</p>	800 mm x 600 mm	 <p>The drawing shows two identical rectangular boards, one labeled 'FRONT SIDE OF BOARD' and the other 'BACK SIDE OF BOARD'. Both boards are 800 mm wide and 600 mm high. The front side board features the word 'KHAR' in large, bold, white capital letters, with the Dzongkha word 'ཀམར།' written in smaller white capital letters above it. The back side board also features the word 'KHAR' in large, bold, white capital letters, with the Dzongkha word 'ཀམར།' written in smaller white capital letters above it. Dimension lines indicate the 800 mm width and 600 mm height for both boards.</p>	01

S No

Description

Size of Board

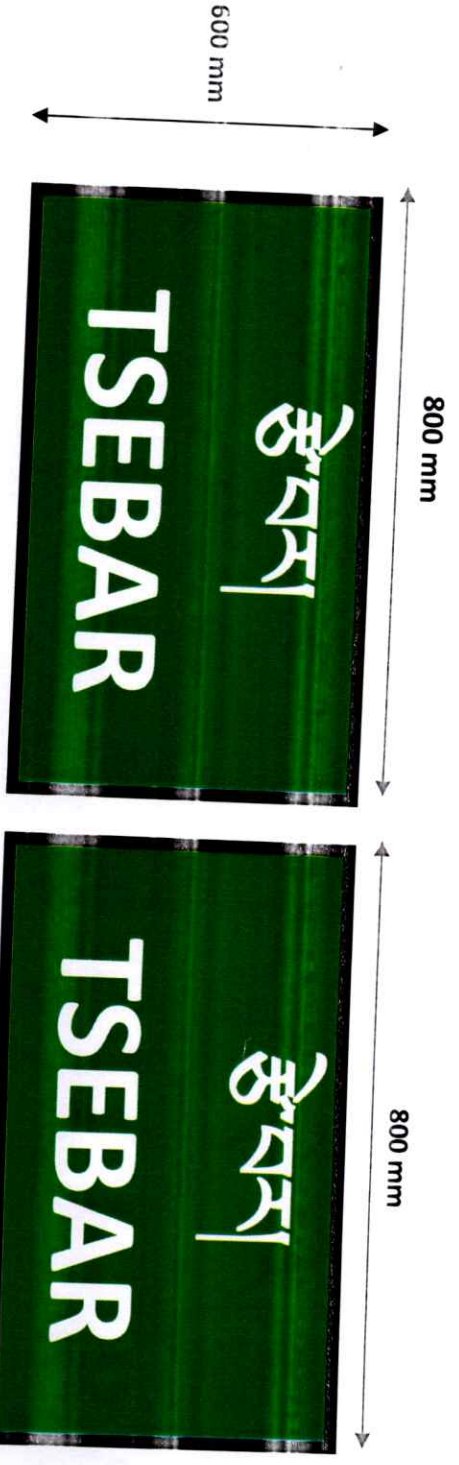
800 mm x 600 mm

Drawing of Boards

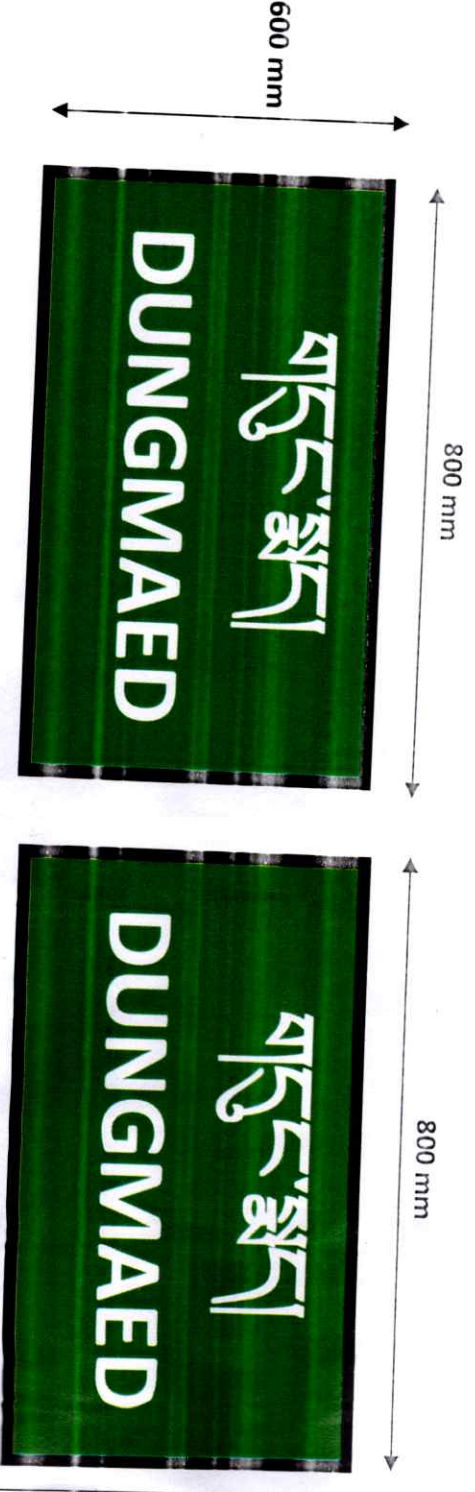
Appendix 'J' (Annexure-XVII)

Qty

01



01



Appendix 'J' (Annexure-VIII)

S No	Description	Size of Board	Drawing of Boards		Qty
		800 mm x 600 mm	<p>The drawing shows two boards arranged vertically. The top board is labeled 'LANYIRI' in English and Odia. The bottom board is labeled 'MEKURI' in English and Odia. Dimensions are shown as 600 mm height and 800 mm width for each board.</p>		01
			<p>The drawing shows two boards arranged vertically. The top board is labeled 'LANYIRI' in English and Odia. The bottom board is labeled 'MEKURI' in English and Odia. Dimensions are shown as 600 mm height and 800 mm width for each board.</p>		01

S No	Description	Size of Board	Drawing of Boards	Qty
		800 mm x 600 mm		01