



MoIT/DoID/WSD/ECRUL/42-a /2025-26/

5th September, 2025

Minutes of the Pre-bid meeting

Project: DBOT of 1.5MLD Water Treatment Plant at Debsi, Thimphu Dzongkhag under ECRUL Project

Date: 05/09/2025

Venue: Conference Hall 2, MoIT

Attendees:

- Representatives from the Water and Sanitation Division, DOID and Thimphu Dzongkhag
- Bidders

1. Background of the Project

A brief overview of the project was presented, emphasizing its purpose, location and significance. The project is aimed at designing, building and operating 1.5MLD Water Treatment Plant (WTP) at Debsi under the ECRUL Project. The construction of raw water main and distribution network was planned and implemented in 2022-2023 under the Water Flagship Program as a part of the RGoB-Dessung Water Partnership Project. The raw water is sourced from Ngabi Rongchu (6.32 kms from Debsi) and is conveyed through 200mm dia DI pipes from the intake till the reservoirs. Currently, the raw water is distributed by gravity without any form of treatment through a distribution network consisting of GI pipes with diameters ranging from 25mm to 150mm. Therefore, recognizing the need to ensure uninterrupted safe water supply to the residents, the construction of a water treatment plant for Debsi was proposed by Thimphu Dzongkhag Administration which has been accordingly approved under the ECRUL project.

The Thimphu Dzongkhag in consultation with DOID has identified the area for the proposed water treatment plant to be in the area around the existing water reservoirs. A DBOT modality (18 months design & build and 24 months O&M) is proposed for construction of 1.5 MLD Water Treatment Plant at Debsi, Thimphu Dzongkhag and the tendering for which will be carried out offline as approved by MoF and DLTC.

Presentation on the requirements for the WTP was made by WSD, DOID highlighting the salient features as follows:

- The proposed location for WTP with reference made to google map
- Scope of work
- Bill of Quantities



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- Specifications and Performance requirements for Design, Build and Operate
- Environmental and Social Management Plans
- Bidding process
- Evaluation criteria
- Payment Schedule

Discussion and Decision:

- In case of JV, the lead partner should be a Contractor registered with BCTA. However, if the partner is not registered with BCTA, annual audited financial statements shall be submitted along with the bid to enable the determination of the bid capacity. Additionally, completion reports issued by competent authority for similar work carried out shall be submitted for all the JV partners.
- Annual performance score of the lead partner will be considered.
- Manpower and equipment will be verified through e-tool to ensure that they are not engaged at the time of evaluation.
- The commitment letter stating that the proposed manpower and equipment will be available during the project execution period shall be submitted.
- No item rates have been included for any site development works. Bidders shall take into account the cost for the site development works required for the WTP as well as the Lab/Office and Staff Quarter in the lump sum.
- Bhutan Engineering Company pointed out whether the design flow will be restricted within 16 hours and not 24 hours. To this, the WSD, DoID responded that the design flow will be continuous over a period of 24 hours and that the dimensioning of the process unit shall be accordingly designed.
- The length of access road indicated in the bidding document as 300 meters is only tentative, however, the bidders are required to verify the required length at site and accordingly account for the lump sum quote.
- Under Table 3, the functional guarantee (Section IV, 11 – Specifications and Performance Requirements, Page no. 19), “if more than 95% of the sample do not comply, the contractor shall be liable for 20% of the quarterly payment of the O&M cost” shall be replaced as “if the compliance rate is less than 95% of the samples, the contractor shall be liable for 20% of the quarterly payment of the O&M cost”.



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- Under BoQ- 2.1 Construction of Laboratory/Office building, item no. 10.3 shall be read as “Providing & fixing in position with vertical channels 20x10x2mm and braced with flat iron, diagonals 20x5mm with top and bottom rails of T-iron 40x40x6mm with 38mm dia steel pulleys complete with bolts, nuts, locking arrangement, stoppers handles including applying a priming coat of red lead paint.
- WSD briefed the bidders on the need to comply with the ESMP and also encouraged the bidders to provide work opportunities to the unemployed youth.
- All the bidders present requested WSD to share soft copies of the entire bidding document including the BoQ. To this, WSD agreed to share only the following:
 - i) Specification and Performance requirement in pdf format,
 - ii) Site plan,
 - iii) BoQ in excel sheet
- All the bidders requested for an extension by a week in the submission of bid as they need time to prepare the technical proposal in consultation with the manufacturer/designer from outside country. Accordingly, the revised submission date for the bids stands at **29th September, 2025 (Monday at 12:00 noon)**
- Site visit was conducted immediately after the pre-bid meeting and the three bidders (Tee Tee Construction, Bhutan Engineering Company and the East West Construction) alongwith the officials from Dzongkhag and WSD participated.
- Bidders were of the view that the Lab/Office building and Staff Quarter can be located adjacent to the WTP. The tentative location plan as may be proposed by the bidders shall be accepted during the bidding stage. However, the final location will be finalized during the design stage with the successful bidder.
- As discussed during the site visit, the cost for the provision of ramps inter connecting treatment units and staff quarter and Lab/Office building shall be built in lump sum quote.

Bidders representative:

1. Tashi Tobgyal, Bhutan Engineering Company, Thimphu
2. Dorji Gyelmo, Tee Tee Construction Pvt. Ltd, Thimphu



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3. Tashi Nyibum, EW Construction Pvt. Ltd, Thimphu
4. Sherab Tenzin, Deyjung Construction, Thimphu

WSD, DOID and Thimphu Dzongkhag Team

1. Mahesh Pradhan, Specialist, WSD, DoID
2. Kharka Bdr. Rana, Executive Engineer, WSD, DoID
3. Ramesh Pradhan, Principal Engineer, WSD, DoID
4. Tshering Choden, Executive Engineer, WSD, DoID
5. Kumbu Dorji, Engineer, Thimphu Dzongkhag
6. Wangchuk, Technician, Thimphu Dzongkhag
7. Yeshay Lhaden, Focal Engineer, WSD, DOID

