

MePGCL
Generating Clean And Green Energy

MEGHALAYA POWER GENERATION CORPORATION LIMITED
OFFICE OF THE CHIEF ENGINEER (GENERATION),
LUMJINGSHAI, SHORT ROUND ROAD,
MePGCL, SHILLONG.

CIN: U40101ML2009SGC008392 Email: cegen.meecl@gmail.com ☎ : 0364 2591415

No: MePGCL/CE:GEN/T-133(Pt-III)/2022-23/ 5

Dated: 31st May, 2022

To

✓ M/s Andritz Hydro Private Limited,
D-17, MPAKVN, Industrial Area, District Raisen, Near Bhopal – 462 046,
Mandideep, Madhya Pradesh, India.
Email: neelav.de@andritz.com

Sub: Rehabilitation of Electro Mechanical Equipment (Package-1) for Renovation and Modernization of Umiam-Umtru Stage-III Hydroelectric Power Station of Bid Queries Replies –Reg

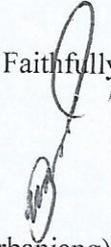
Ref: Your email dated 26th May, 2022 *230th May, 2022*

Sir,

With reference to the above, please find enclosed herewith the Replies to the Bid Queries of Electro Mechanical Equipment (Package-1) in Annexure-I for Renovation and Modernization of Umiam-Umtru Stage-III Hydroelectric Power Station for your information and necessary action.

Enclo: As stated

Yours Faithfully


(M. Marbaniang)
Chief Engineer (Generation)
MePGCL, Shillong
Dated: 31st May, 2022

Memo No: MePGCL/CE:GEN/T-133(Pt-III)/2022-23/ 5 (a)

Copy to:

1. P.S. to the Chairman-cum-Managing Director, MeECL, for kind information of the CMD.
2. The Director (Generation)/(Transmission)/(Distribution)/ Finance/MePGCL/MePTCL/MePDCL/MeECL for kind information.
3. The Chief Engineer (C) HP&HC MePGCL Shillong for information.
4. The Executive Engineer (MIS), MeECL, Shillong with a request to upload the documents in www.meecl.nic.in websites. A soft copy of the same is attached herewith.
5. The Superintending Engineer, Generation Circle - I, MePGCL, Umiam for information.
6. The Chief Representative, Japan International, Cooperative Agency, JICA INDIA OFFICE, 16th Floor, Hindustan Times House, 18-20, Kasturba Gandhi Marg, New Delhi-110 001, for information.
7. M/s Rodic Consultants Pvt. Ltd. 1, Jai Singh Marg (First Floor), YMCA Cultural Centre Building, New Delhi – 110001 (INDIA) for information and necessary action.
8. Shri. L. Shilla, Project Manager, M/s Rodic Consultant Pvt Ltd, Shillong as discussed in my office.

Chief Engineer (Generation)

Sl. No	Volume/ Section Chapter/ Clause	Amended Clause	MePGCL Replies Dated 25.05.2022	Bidder Query	MePGCL Reply
1	Volume II / SECTION VI / S.2. Turbines and their Auxiliaries	<p>The contractor is required to conduct the hydraulic study of the existing parameters and Power House cut outs and offer maximum output (with at least 10% overload), at rated head and above with available discharge. The bidder should offer with maximum output matching to existing structure.</p> <p>Each turbine shall be capable of delivering a guaranteed output of not less than 33.00 MW at the generator terminal when operated at a designed head and at rated speed of 428.6 rpm.</p>	<p>Please note that 33MW is the rated load at generator terminal and 10% COL is not included in it.</p>	<p>We would like to mention that the bidder needs to design the new uprated machine keeping existing main parameters like head, discharge, speed, GD₂ and respect the dimensions of the old cutout and existing waterways being an old powerhouse.</p> <p>We have carried out a detailed hydraulic study keeping existing parameters same and confirming that each turbine shall be capable of delivering a guaranteed output of not less than 33 MW (including 10% COL condition) at the generator terminal when operated at a rated head (150 m) and at the rated speed of 428.6 RPM. From this, we can conclude that the existing unit output shall be uprated from 30 MW to 33 MW.</p> <p>Further increase in output can't be feasible under existing site conditions/parameters which will develop major abnormalities and risks to the power plant. Please accept and confirm.</p>	Yes

Sl. No.	Volume/ Section Chapter/ Clause	Heading	Pre-Bid Queries	MePGCL Reply
1	Chapter IV/ General conditions of Bid & Contract / Part C Cl No 1.9	Appendix 6 Scope of works and supply by the Employer	Under Appendix 6, it's mentioned that Land on lease basis shall be given as applicable rates of MePGCL. Please mention how much land area shall be provided, for what purpose, where this land will be given (distance from power house) and rent/year for same. As per standard practice for RMU projects we request you that guest house /furnished quarters, and the store shall be provided to the contractor without any cost during the execution of the contract. Please confirm.	The land is for your utilization during the contract period for making temporary shed, site office, temporary store etc. during the contract period. The location of the land is within 10 Kms from power house. No quest house/furnished quarters will be provided.
2	Chapter VI/ List of major equipment's / Control & Protection System /2.7	Protection System	We understand that Shaft current Protection to be considered in our bid.	Yes
3	Implementation Schedule	As per the pre bid replies dated 19th May 2022, MePGCL will close the intake gate of the tunnel. However, if there is any leakage, it will be the responsibility of the Bidder to dewater the same.	We understand that after closing the intake gate of the tunnel, in case of any leakage from the gate it will be the responsibility of MePGCL to carry out the sealing of same as these comes under civil wing of MePGCL. Therefore, contractor responsibility may be limited to dewater the tunnel in case of no leakage after closing the intake gate. Please also inform the existing condition of leakage after closing of gate as this impact the overall work schedule also.	The leakage is minimal