

CORRIGENDUM

Tender Enquiry No. GEM/2023/B/3192357 Dt: 27.02.2023 issued on GeM portal for the requirement of Thermal Insulation of TIP for 3 x 800 MW Patratu Unit-1,2&3 project.

Corrigendum detail:

Following points may please be noted and confirmed by bidders:

- **Document no. 412114S5000 Rev. 01 (Thermal Insulation Schedule for TIP) shall be applicable and complied** in place of existing document no. 412114S5000 Rev. 00. Please refer the Page 2 attached herewith for details.

Bidders to acknowledge the above and submit signed copy of doc. no. 412114S5000 Rev. 01 alongwith their offer.

- **Tender due date of submission & opening has been extended upto 08/04/2023.**
Now, revised dates are as under:

End date of Bid submission on GeM portal: 08-04-2023 upto 06:00 PM

Bid Opening date on GeM portal: 08-04-2023 at 06:30 PM



**THERMAL INSULATION SCHEDULE FOR
TURBINE INTEGRAL PIPING**
TURBINE LAYOUT GROUP

BHEL DOC. NO.

412114S5000

REV. – 01

DATE: 29.03.2023

MATERIAL CODE: W90313146071

Project

3X800MW PATRATU TPP

SPEC DOC. NO.

ST29005 Rev_04

Specifications are as below:

1. DESIGN PARAMETERS:

SI No	Description	Value
1	COLD FACE TEMPERATURE	60 DEG C
2	AMBIENT TEMPERATURE	40 DEG C
3	EMISSIVITY OF AL. SHEET	0.2
4	WIND VELOCITY	0.5 M/S
5	DESIGN HEAT LOSS AT CLADDING SURFACE	AS PER ASTM C-680(LATEST EDITION OR EQUIVALENT)

2. MATERIALS:

SI No	Description	Value
6	INSULATION MATERIAL	LIGHTLY RESIN BONDED ROCKWOOL AS PER IS: 8183. FOR PIPE WITH TEMPRATURE 500°C AND ABOVE EXCLUDING DRAINAGE PIPINGS, THE FIRST LAYER OF INSULATION SHALL BE AT LEAST 75MM OF CERAMIC FIBER (IS : 15402) INSULATION FOLLOWED BY SUBSEQUENT LAYERS OF LRBM ROCKWOOL.
7	DENSITY	1. 100 KG/M ³ FOR HOT FACE TEMP. UPTO 400°C 2. 150 KG/M ³ FOR HOT FACE TEMP. ABOVE 400°C 3. CERAMIC FIBER INSULATION DENSITY 128 KG/M ³ FOR SEAL STEAM AND OVERLOAD PIPING ONLY.
8	CLADDING MATERIAL	ALUMINIUM SHEET AS PER IS: 737 Gr/19000 H2 /ASTM B209 -1060 TEMPER H14 OR EQUIVALENT.
9	HEXAGONAL WIRE MESH	WIRE MESH NETTING SHALL BE 10 TO 13 MM APERTURE AT LEAST 0.56 MM DIAMETER WIRE.

SPECIAL INSTRUCTIONS: ENTIRE INSULATION MATERIAL SHALL BE ASBESTOS FREE. THIS DOCUMENT SUPERSEDE SUCH LIKE REQUIREMENTS OF ST29005 REV04.

Prepared by

Rajeev Kumar
Rajeev kumar 29.03.2023
Dy Manager- STE-TL

Approved by

Anuj Jain
Anuj Jain
SDGM- STE-TL
29-03-2023

01

Bid Corrigendum

GEM/2023/B/3192357-C5

Following terms and conditions supersede all existing "Buyer added Bid Specific Terms and conditions" given in the bid document or any previous corrigendum. Prospective bidders are advised to bid as per following Terms and Conditions:

Buyer Added Bid Specific Additional Terms and Conditions

1. Buyer uploaded ATC document [Click here to view the file.](#)
2. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.
3. Bidders can also submit the EMD with Account Payee Demand Draft in favour of
BHEL HEEP HARIDWAR
payable at
HARIDWAR
.
Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
4. Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name
BHEL HEEP HARIDWAR
Account No.
10667995458
IFSC Code
SBIN0000586
Bank Name
STATE BANK OF INDIA
Branch address
RANIPUR BRANCH, OPP: BHEL MAIN GATE, SECTOR-5, RANIPUR, HARIDWAR 249403
.
Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.
5. Bidder shall submit the following documents along with their bid for Vendor Code Creation:
 - a. Copy of PAN Card.
 - b. Copy of GSTIN.
 - c. Copy of Cancelled Cheque.
 - d. Copy of EFT Mandate duly certified by Bank.
6. While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.
7.
 1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
 2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
 3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due

performance of the Contract and the Sellers obligations there under.

8. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
- i) The Seller fails to comply with any material term of the Contract.
 - ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
 - iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
 - iv) The Seller becomes bankrupt or goes into liquidation.
 - v) The Seller makes a general assignment for the benefit of creditors.
 - vi) A receiver is appointed for any substantial property owned by the Seller.
 - vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

- 1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
- 2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
- 3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
- 4. Creating BoQ bid for single item.
- 5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
- 6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
- 7. Floating / creation of work contracts as Custom Bids in Services.
- 8. Seeking sample with bid or approval of samples during bid evaluation process.
- 9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
- 10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
- 11. Creating bid for items from irrelevant categories.
- 12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
- 13. Reference of conditions published on any external site or reference to external documents/clauses.
- 14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

*This document shall overwrite all previous versions of Bid Specific Additional Terms and Conditions.

[This Bid is also governed by the General Terms and Conditions](#)