

SECTION II

SALIENT FEATURES OF TENDER FOR CEILING GIRDERS FOR UPPUR (2x800MW) AND NORTH CHENNAI (1x800MW) PROJECTS

The salient features of this Tender are detailed below:-

1. This is an open tender enquiry inviting quotations for entering into Contract for carrying out fabrication and supply of Ceiling Girders with vendor's material, as per BHEL drawings and Quality specifications for 2 Units of Uppur (2x800MW) and one unit of North Chennai (1x800MW), both the project sites located in Tamil Nadu.
2. The quantum involved in this tender is 3948 MT \pm 10% involving Ceiling Girders along with the cross beams and bracings, which is divided into 2 Packages, as detailed below:

Package	Package Description	Rate schedule	Weight (MT)
Package 1	CGUP (Ceiling Girders for Uppur)	CGUP1 & CGUP2	2632 (1316+1316)
Package 2	CGNCH (Ceiling Girder for North Chennai)	CGNCH	1316
	Total (MT)		3948

3. There are 7 main girders and 3 Cross girders for one boiler. Raw materials are made of IS2062 E350 BR/E250 BR material for web and BSEN 420 N material for flange. Indicative list of raw materials involved for each of the Packages is detailed in Section III B.
4. Package/ Rate Schedule and quantity is given in Section III A.
5. Vendors interested to quote for this tender will have to meet the Facility Checklist for Ceiling Girders (Annexure A) and (Annexure B), which will be a part of Qualification criteria for this tender enquiry.
6. The facilities in mandatory part as per the checklist (refer Annexure A) should be available and should be in working condition as on the date of submission of offer. Vendors who fulfill the mandatory requirements as spelt out in Facility Checklist and those satisfying Qualification criteria (Annexure B) alone will be technically qualified.

However, after technical scrutiny of the offers submitted by the vendors, BHEL may conduct spot visit to verify the facilities/technical requirements declared by the vendors in Annexure A and B. Offers of the vendors who are technically qualified alone shall be considered for Price bid.

7. The offer submitted by the vendors shall not be considered for further evaluation, if the vendor does not satisfy the mandatory criteria as specified in Annexure A & not qualifying Annexure B.
8. The drawings are detailed under [Section VII](#). The total/ complete set of drawings applicable for fabrication work shall be provided along with PO.

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9. Below is envisaged for the purpose of load distribution:
- Package 1 - CGUP (2632 MT) – This Package is further divided in to 2 Rate schedules which will be distributed for ordering on 2 vendors as per tender ranking
 - CGUP1 (Ceiling Girder for Uppur Unit #1) – 1316 MT
 - CGUP2 (Ceiling Girder for Uppur Unit #2) – 1316 MT
 - Package 2 - CGNCH (1316 MT) - This entire quantum shall be ordered on one vendor as per tender ranking.
10. Ceiling Girders involves Single piece weight more than 35 MT as detailed in [Section III C](#) and may call for Hydraulic axle vehicles for transportation up to site. Vendors to quote accordingly.
11. Ceiling Girders have to be manufactured, trial assembled and despatched to respective project sites (Uppur and North Chennai), after inspection of trial assembly at vendor's works. Trial Assembly procedure is detailed in Section IX.
12. Kindly note that, though the inspection activities to be carried out and witnessed by Customer/BHEL, vendor need to take responsibility for MDR raised against the supply such as missing items during transit and also SAR raised during Erection stage against misalignment and other issues.
13. Sequential despatch of Ceiling Girders along with cross beams and cross girders to be ensured by vendors. Priority of despatch shall be given by Commercial and the same shall be indicated in PO.
14. **SCOPE:** The rate to be quoted for each Package shall be inclusive of procurement of raw material (including indirect materials, fasteners, consumables, paints, etc. from BHEL approved sources listed in the Section VIII), fabrication (as per BHEL drawings and Quality documents attached), Handling, Trial assembly, Heat Treatment, NDT, RT, Testing, Blasting & Painting, dispatch & transportation/Freight charges including ODC charges/ hydraulic axle, if any of finished jobs up to respective project sites (i.e Uppur & North Chennai) on direct to site basis. The scope of work, technical & quality requirements are elaborated under “Terms & Conditions of the contract (Section V)”.
15. Vendors shall quote rate on per MT basis as given in Annexure K. *The rates to be quoted shall exclude ED/CST/VAT. However, these shall be indicated separately in Annexure J.*
- For both Uppur and North Chennai projects, Excise Duty (ED) is applicable at the prevailing rates. CST/VAT is not reimbursable by the customer and hence CST/VAT will be loaded for

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arriving at Landed cost. Accordingly, CST/VAT will be payable extra. 'C' form shall be provided by BHEL against CST and vendor shall provide 'E1' form.

However, in case of any changes in taxes and duties as per Gov. Notification (including GST), the same shall be applicable from time to time.

16. The rates shall be valid for a period of 6 months for ordering from the date of Price bid opening.
17. A separate contract will be entered with successful vendors and the validity of the contract entered shall be for a period of 18 months from date of LOI.
18. The rates finalized shall be with PVC to compensate for any variations in steel prices. The PVC formula shall be as per Section XI. The Raw materials considered for PVC calculation is detailed in Section XII. In case the PO delivery date is extended by BHEL for any reason, the PVC shall be allowed only up to the original PO delivery date. Indicative list of raw materials considered for calculation of PVC package-wise is detailed in Section XII.
19. Offers submitted by the firms, with conditions are liable for rejection.
20. The lowest bidder of each Package will be considered for ordering of the Package. Evaluation of Lowest bidder shall be on Package basis. However, Rate Schedule is envisaged only for ordering.
21. Evaluation of offers for arriving at tender ranking shall be on landed cost basis, as per the following formula:
 - a. **Landed cost for CGUP** = Rate per MT (base rate on FOR works basis) (+) ED (applicable as per prevailing rate) (+) applicable taxes (viz., VAT/CST), (+) Transportation charges & service tax on transport cost per MT basis for Uppur site – (Customer reimbursements, if any).
 - b. **Landed cost for CGNCH** = Rate per MT (base rate on FOR works basis) (+) ED (applicable as per prevailing rate) (+) applicable taxes (viz., VAT/CST), (+) Transportation charges & service tax on transport cost per MT basis for North Chennai site – (Customer reimbursements, if any)
22. If an eligible vendor becomes L1 for CGUP, that vendor will be loaded with only one Rate schedule, i.e either CGUP1 or CGUP2. Balance rate schedule of this Package will be counter-offered to next vendor as per tender ranking. Both the Rate schedules of this Package shall not be loaded on same vendor.

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23. Similarly, if an eligible vendor becomes L1 for CGNCH, that vendor will be loaded with entire quantum of CGNCH. No counter offer is envisaged for this Package.
24. If a vendor becomes L1 for both the Packages (i.e both CGUP & CGNCH) and has accepted to provide the BG required for multiple packages and accepted delivery period as per tender, the vendor will be loaded with CGUP2 and CGNCH. Accordingly, the balance Rate schedule (i.e CGUP1) shall be counter - offered to eligible vendors (eliminating the H1 bidder) as per tender ranking.
25. If more than one vendor becomes L1 for same Package, all such L1 vendors will be asked to submit a revised price bid for those packages and based on the revised bid rates, the L1 shall be decided.
26. If an eligible vendor becomes L1 in any one Package and L2 in another Package, the vendor shall be loaded with only one Rate schedule for which he has become L1 and the Rate schedule where the vendor is L2 will be counter-offered to next vendor as per tender ranking.
27. To avoid delay in project schedule due to delay in raw material procurement by vendors, it is insisted that, vendor shall have to procure at least 50% of the quantity of raw materials within 60 days from PO date. Purchase order placed on steel mills with proper payment voucher/proof will be considered for not cancelling the PO by BHEL. The submission of data by vendor for DB clearance by BHEL/QC shall be the proof of procurement.
28. In case of non-procurement of materials as per above or in case if any vendor refuses or fails to execute within the PO delivery or within mutually acceptable / extended delivery date, PO will be cancelled at the Risk and cost of the failed vendor and the extra expenditure involved if any, shall be recovered from the respective vendor, from any amount due to them and also holding all payments due till the PO is executed by the other vendor and the failed vendor may be dealt as per BHEL's suspension of Business dealings.
29. Payment Terms: -
100% of the invoiced value will be released within 30 days from the date of acknowledgment of LR by site subject to submission of bills along with site acknowledgement and requisite documents in original within 15 days from site.
In case of submission of bills after 15 days from the site acknowledgement, 100% Payment shall made within 20 days from the bill registration date.
30. The vendors shall ensure & confirm that all the facilities /machineries required for fabrication are available and are in working condition as on the date of submission of offer.

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31. Bank Guarantee:

All eligible vendors have to give their confirmation to provide fresh Bank guarantee in Annexure 'M', along with the technical bids.

The actual BG will have to be submitted later, only by the successful bidders as detailed below:

- The Bank Guarantee @ 1 % of the Contract value within 30 days from the date of issuance of Letter of Indent (LOI) by BHEL.

PO will be placed after receipt of LOI acknowledgement from vendors.

- Additional bank guarantee of 2% of the Contract value shall be submitted before submission of first bill.

If the successful bidder fails to furnish the 1% bank guarantee within 30 days from the date of issuance of PO, it will be presumed that the vendor is not interested in executing this order & BHEL may cancel the POs and opt for alternative procurement action.

32. The delivery for each Package/Rate Schedule shall be 6 months from purchase order date or date of providing drawings to the vendors, whichever is later.
33. In case of loading of more than one Rate schedule (i.e CGUP2 and CGNCH) on L1 vendor, delivery period for CGNCH will be 6 months from PO date or from the date of providing drawings, whichever is later. Delivery period for CGUP2 will be 9 months from PO date or from the date of providing drawings, whichever is later. L1 vendor to submit the BG corresponding to multiple Rate schedules.
34. Delivery of Single Rate Schedule/ multiple Rate Schedule / Single Package beyond PO delivery date will involve LD at 0.5% of the total PO value for each week or part thereof subject to a maximum of 10% of the PO value.
35. The highest bidder/s (H1) for each Packages will be eliminated and will not be considered for counter-offer.
36. Vendors banned / declared / notified by any unit of BHEL as defaulters / poor performers on quality / delivery or other grounds are not eligible to quote. Offers if any received from such vendors shall be rejected.
37. The vendor shall not sublet or assign this work or any part thereof without the written permission of BHEL.

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38. Vendors are cautioned that, quoting abnormally low rates which are unworkable as per BHEL's estimates may be rejected after discussion with bidder regarding their estimates and the concerned vendor will be dealt as per BHEL policy.
39. BHEL has the right to refloat or short close the Tender, partly or fully, if L1 price is not the lowest acceptable price, or for other reasons. No claim or compensation shall be admitted by BHEL in such an event.
40. Any new vendor (who is not registered vendor of BHEL may be dealt as per BHEL guidelines.
41. Any clarification, if required, vendors may contact BHEL OS / Contract Officials, before submission of bids. The contact Phone Numbers & E-mail IDs details are given in the Section I of the tender.