



Bharat Heavy Electricals Limited

(A Govt. Of India Undertaking)

Ref. Enquiry No.: PE/PG/WAN/E-4865/15 Dated: 02.06/2015

DUE DATE
24.06.2015
BY 02:00 P.M.

Subject: Tender Enquiry of **COOLING TOWER** as per Technical Specification No. PE-TS-408-165-N001 Rev 00 for 1X800 MW Wanakbori TPP, Unit-8.

BHEL invites offers from reputed Vendors (refer prequalification requirement and other requirements given in enquiry letter uploaded on our websites) for Design, Manufacturing, Inspection and Testing, Supplies, Packing for transportation & delivery complete with commissioning spares/special tools and tackles/including all mandatory spares, accessories & equipments as specified & as necessary. Complete site civil works including receipt at site, handling, storage, civil & structural work (Cement, Structural and reinforced steel shall be free issue items by BHEL), erection, testing, commissioning, trial run, PG test, handing over etc. complete with all accessories as per specification for 1X800 MW Wanakbori TPP, Unit-8. Detailed scope of work and equipment details shall be as per technical specification and other details hosted on BHEL / BHEL-PEM websites.

Your offer should be submitted in two parts strictly as per Clause-2.0 of the “**Instructions to Bidders**” of GCC Rev 06 in quintuplicate (05 Sets), in sealed covers for the under mentioned equipment/system.

Item Description – COOLING TOWERS (NDCT)		
Sl.No	Project	Technical Specification No.
1.	1X800 MW WANAKBORI TPP, UNIT-8	PE-TS—408-165-N001 Rev 0

Your best quotation/offer for the above requirement, in line with our terms and conditions, should either be delivered in person or sent by **COURIER/REGISTERED POST**, to the following address only:

Tender Box, Tender Room, Ground Floor, PPEI Building
(Behind Reception Desk)
C/o Rahul Bhatnagar, Engineer, PG-I-I,
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRDI & ESI Complex
Plot No.25, Sector- 16A, NOIDA-201301, U.P., INDIA,

Email:-rahulbhatnagar@bhhelpem.co.in; mprasad@bhhelpem.co.in
Ph No.:- 0120-4368727; 0120-4368901

It shall be the responsibility of the bidder to ensure that the tender is delivered on or before the **due date by 1400 IST**. The offer has to be deposited in tender box only. Part-I bids shall be opened at **1500 IST**. on the due date in the presence of authorized representatives of the bidders, who may like to be present.

Rahul Bhatnagar
22/6/15

RAHUL BHATNAGAR
ENGR/PG-I-1,
BHEL/PS-PEM
POWER PROJECT ENGINEERING INSTITUTE,
PLOT NO. 25, SECTOR - 16A, NOIDA (UP)
(OFF) 0120-4368727.

Regd. Office:
BHEL House
Siri Fort
New Delhi-110049



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TERMS AND CONDITIONS: - Please refer GCC Rev-06 which is available on www.bhhelpem.com. Bidders are requested to kindly download the same. Bidders are advised to go through the same while submitting the offers.

1. Enquiry No., due date etc. must be legibly superscribed on the sealed envelopes as per clause no. 2.0 of "Instructions to Bidders" of GCC Rev 06.
2. Offers should be submitted in two parts in two separate sealed covers as follows:
Part-I: **TECHNO-COMMERCIAL BID** Part-II: **PRICE BID.**
For detailed instructions, please see clause no. 2.0 of "Instructions to Bidders GCC Rev 06".
3. Bidder to note that following forms part of the Tender Documents:

- General Conditions of the Contract (GCC) Rev 06.
- Special Conditions of Contract Rev 00
- Technical Specifications
- Price Format
- Financial PQR & Technical PQR
- NIT Conditions

Bidders to note that offers shall be submitted strictly in accordance with the requirements of the above Tender Documents & all the above Tender Documents shall automatically become the part of the order/ Contract after its finalisation.

4. Standard pre-printed terms & conditions of the tenderers shall not be considered valid.
5. Unsolicited fresh/revised Price Bids shall not be entertained.
6. Purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any/all tender(s) in part or full without assigning any reason whatsoever.
7. Tenderers must enclose the Quality Plan in the prescribed format, for approval. Equipment will be despatched only after Purchaser's/Owner's inspection at the hold points specified in the approved Quality Plan and issue of Material Despatch Clearance Certificate (MDCC).
8. In the event of any contradiction in the terms and conditions mentioned, the order of preference shall be N.I.T. covering letter/ SCC /GCC terms.
9. All correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address:

Mr. RAHUL BHATNAGAR, ENGR M/s Bharat Heavy Electricals Ltd., Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301 Kind Attn: Rahul Bhatnagar/ PG-I-1 E-MAIL: rahulbhatnagar@bhhelpem.co.in Ph. No. 0120-4368727	Mr. M Prasad, Sr DGM M/s Bharat Heavy Electricals Ltd., Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301 Kind Attn: M Prasad/PG-I-1 E-MAIL: mprasad@bhhelpem.co.in Ph. No. 0120-4368901
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10. INSTRUCTIONS REGARDING CENTRALISED TENDER ROOM:

Rahul Bhatnagar
(2/6/15)

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- a) Bidders best quotation/offer containing Part-I & II offers in separate covers, preferably cloth lined envelopes, properly marked enquiry No., due date and time, should either be delivered in person or sent by courier / Registered post to the following address only :-

Tender Box, Tender Room, Ground Floor, PPEI Building,
(behind reception desk)
c/o Mr. RAHUL BHATNAGAR, ENGR
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301
Kind Attn: Rahul Bhatnagar/ PG-I-1
E-MAIL: rahulbhatnagar@bhelpem.co.in
Ph. No. 0120-4368727

- b) The dispatch department shall not accept any tender in torn condition and return the same to the courier immediately with the Stamping "Returned to Sender-Package Damaged". Offers in damaged condition will not be considered and no request for extension on this account will be considered.
- c) Bidder's representative shall deposit the offer in tender box only.
- d) Bidders shall be allowed in the tender room in area identified for bidders and only one authorized representative from each bidder shall be allowed.
- e) Bidder shall not be allowed to carry mobile/camera/ laptop in the tender room. The same shall have to be deposited at security in advance and taken back after tender opening.
- f) Details of offers shall be read out to bidders and in no case the offers shall be handed over to any of the bidders for noting down.
- g) Please ensure tender submission, minimum 1 hour before scheduled tender opening time. Late tenders shall not be accepted.

11. Reverse Auction:

Bidders to quote their best competitive prices. BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit online sealed bid in the Reverse Auction. Non-submission of online sealed bid by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.

Terms & Conditions of Reverse Auction shall be as per attached annexure-I.

12. Delivery Schedule:

Rahul Bhatnagar
(2/6/15)

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Delivery completion for both supply & E&C shall be 24 Months from the date of LOI. Bidder to submit basic drawing/documents within 04 weeks from the date of LOI & subsequent submission shall be within 10 days from the date of BHEL / Customer comments.

Mandatory Spares to be delivered within 04 months from manufacturing clearance or "30 September 2017" whichever is later. Separate dispatch/ manufacturing clearance will be issued for mandatory spares.

13. Pre-Qualifying Requirement :

Bidders who fulfil TECHNICAL & FINANCIAL PRE-QUALIFICATION REQUIREMENT CRITERIA are eligible to participate in this tender.

Bidders are requested to provide the details as per "TECHNICAL & FINANCIAL PRE-QUALIFICATION REQUIREMENT". Bids of only those bidders shall be evaluated who meet the Technical as well as Financial Pre-Qualifying requirements.

14. CIF is not available for this package. Bidders to quote accordingly.

15. Rate of Loading for Deviation against payment terms:

'Base Rate of SBI (as applicable on the date of bid opening: Techno-Commercial bid opening in case of two parts bid) + 6% shall be considered for loading for the period of relaxation sought by the bidder'.

16. Vendor shall have to enter into Integrity Pact with BHEL. The integrity pact, shall be returned by the bidder, along with their Techno-Commercial Bid, duly filled and signed by the authorized signatory and will form part of the order. Only those vendors/bidders who enter into Integrity Pact with BHEL would be qualified to participate in the bidding process. **In other words, entering into this Integrity Pact would be a preliminary qualification.** (Refer Annexure-IX, as per GCC Rev 06)

Details of Independent External Monitor (IEM) can be obtained at following link:

http://www.bhel.com/pdf/IEM_Panel_BHEL.pdf

17. Deviations (Commercial as well as Technical) from NIT are generally not acceptable. In case of deviations from NIT, the tenderer shall give cost of withdrawal of such deviations in sealed cover as per annexure-II of GCC Rev 06. (Deviation Sheet (Cost of withdrawal))

18. Total erection & commissioning charges, civil works & PG Test (including service tax) should be minimum 20% of the total quoted package (excluding mandatory spares but including all taxes & freight), failing which the break-up of price shall be adjusted accordingly for ordering.

19. Bidder to note that this is a conditional Open Tender enquiry and the price bid (Part-II) opening/ RA participation shall be subjected to following criterion:

a. Approval of the bidder by BHEL

Non-registered Vendors have to apply for registration in BHEL-PEM through Online Registration Portal available at www.bhelpem.com → vendor section → Online Supplier Registration. All credentials and/or documents duly signed and stamped related to registration has to be uploaded on the website and submit the application for registration. One set of hard copy of the filled-up SRF downloaded from Online Registration Portal duly signed and stamped has to be submitted.

b. Approval of bidder by customer

Approval shall be taken up by BHEL with customer based on the credentials / referenc list. Hence, bidders are requested to submit the following (a part of their credentials) on or before Part-1 opening / due date:-

Rahul Bhatnagar
(2/6/15)

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- (i) Company Profile
 - (ii) List of projects executed/ on hand for power sectors / Govt, organizations for the subject package.
 - (iii) Performance Certificates for satisfactory working of the system /equipments.
 - (iv) Copies of major supply order executed by the vendor.
20. Foreign bidders quoting along with their authorized Indian associates to comply with BHEL corporate circular AA: MM: AGENCY dtd 06th August 2010 for the guidelines regarding dealings with Indian agents of Foreign bidders (as enclosed).
21. The Cement , structural steel & reinforcement steel are excluded from Bidder's scope, they shall be free issue by BHEL. However for Bid evaluation of the Cooling Tower, Bidder's total price shall be determined after adding cost of steel/ cement as per rates specified hereunder in bidder's total quoted price for the cooling tower:
- | | | |
|---------------------------------------|---|----------------------|
| 01. Cement OPC 43 Grade Price | : | Rs. 5600/- Per MT |
| 02. Reinforcement | : | Rs. 45, 600/-PER MT |
| 03. Structural steel (rolled section) | : | Rs. 45,600/- PER MT |
| 04. Structural Steel (plates) | : | Rs. 50,000/- per MT. |
22. If wastage exceeds the specifies limit, the recovery of excess wastage shall be made from monthly R/A Bill at the Penal Rates:
(Refer annexure-A: Terms & Conditions for Free Issue of Steel/ Cement)

PENAL RATE OF MATERIALS		
	Item	Penal rate (Rs)
22.1	Cement (OPC/ PPC/ PSC).	6,500 per MT
22.2	Reinforcement steel and MS earthing rod etc.	55,000 per MT
22.3	Structural steel materials.	
22.3.1	Chqd Plates/ MS plates	60,000 per MT
22.3.2	Flats/beams/channel/angels etc. (Rolled Sections)	60,000 per MT

23. Any other taxes & Duties applicable on the date of bid but not quoted by the bidders shall be to bidder account.
24. Indian Bidders/ Foreign Bidders for indigenous items have to quote freight charges in percentage of their quoted Total Ex-works prices.
25. Evaluation will be done on overall L1(Total cost to BHEL) basis with necessary loadings as applicable.
26. All corrigenda, addenda, amendments, time extensions, clarifications, etc to the tender will be hosted on BHEL website (www.bhel.com) ,BHEL-PEM website (www.bhelpem.com) & CPP Portal. Bidders should regularly visit websites to keep themselves updated.
27. The offers of the bidders who are on the banned list & also the offers of the bidders who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website www.bhel.com.
28. Bidders to note that COMMERCIAL TERMS AND CONDITIONS shall be as per Notice Inviting Tender (NIT) conditions, Special Conditions of Contract of Project & General Conditions of Contracts (GCC Rev 06).

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Rahul Bhatnagar
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29. Please note that detailed offers are to be submitted including the following along with the Price schedule as per BHEL format enclosed with NIT:-

- Acceptance of GCC Rev-06.
- Acceptance of Special Conditions of Contract (SCC) of the project.
- Integrity Pact.
- Pre-qualifying Requirement (PQRs) - a) TECHNICAL PQR b) FINANCIAL PQR.
- Technical Deviations and commercial deviations as per annexure-II of GCC Rev06, if any.
- Along with your offer, please submit a copy of this letter duly signed & stamped on each page as token of acceptance of terms & instructions conveyed.
- Un-Priced price format duly filled in 'Quoted' or 'Q' in each column/row.
- Separate sealed price-bid envelope mentioning name of the project/package in BOLD LETTER on the top of each envelope.

Thanking you,

Yours faithfully,

For and on behalf of BHEL

(Rahul Bhatnagar 2/6/15)

RAHUL BHATNAGAR

(ENGR/Project Group-I-1)

Enclosure:

1. Enquiry Letter along with Terms & Conditions (this letter) & Terms & Conditions of RA
2. Technical Specifications
3. Financial PQR
4. Technical PQR
5. General PQR
6. Price Format/ schedule (Prices should be quoted strictly in this format only)
7. SCC of 1X800 MW Wanakbori TPP, unit No.8
8. Online Supplier Registration Link (<http://www.bhelpem.com/Vendor%20Corner.aspx>)
9. Annexure-A (Terms & Conditions for free Issue of cement & Steel)
10. HSE Guidelines

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