



Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
PROJECT ENGINEERING MANAGEMENT

Enq No.: PE/PG/YAD/E-5717/2017

NIT

DATE. 23.09.2017

DUE DATE
OCT 16, 2017
02.00 P.M.

Subject: Tender Enquiry of **NDCT DESIGN CONSULTANCY** as per Technical Specification No. **PE-TS-417-165-N001 (REV. 0)** for **5X800 MW YADADRI TPS**.

BHEL invites offers from reputed Vendors (Refer pre-qualifying requirements and other requirements given in tender enquiry letter uploaded on our websites) to "Appoint a design and engineering consultant for 5 nos Cooling Towers (NDCT) of 5 x 800 MW Yadadri TPS for complete mechanical, electrical, C&I and civil design, engineering, Preparation of drgs/ docs for execution of NDCT, obtaining approval from BHEL/ Customer/ customer's consultant, Preparation of BOQ, preparation of bought out item specification, procurement assistance, site supervision as specified & as necessary for completeness in all respects and for efficient & trouble free operation for project." Detailed scope of work shall be as per technical specification and other details hosted on BHEL/BHEL-PEM website.

We are pleased to invite your offer in two parts in two separate sealed covers for the under mentioned Job.

Job Description - NDCT DESIGN CONSULTANCY		
Sl. No.	Project	TECHNICAL SPECIFICATION NO.
1.	5X800 MW YADADRI TPS	PE-TS-417-165-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 Sharad Chandra, Dy. Manager, BOP_Ordering, M/s. Bharat Heavy Electricals Ltd., Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301, U.P., INDIA E-MAIL: sharadchandra@bhel.in Ph. No. +91-120-4213572

It shall be the responsibility of the bidder to ensure that the tender is delivered on or before the due date by 02:00 PM (IST). The offer has to be deposited in tender box only. Part-I bids shall be opened at 03:00 PM (IST) on the due date in the presence of authorized representatives of the bidders, who may like to be present.

Note: Tenderer must submit UN-PRICED price format duly filled mentioning the word "QUOTED" in place of actual price. The actual price is to be filled in separately and submitted in sealed price bid as mentioned in enquiry terms and conditions under.



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TERMS AND CONDITIONS:

1. Enquiry No., due date etc. must be legibly super-scribed on the sealed envelopes.
2. Offers should be submitted in two parts in two separate sealed covers as follows:
Part-I: TECHNO-COMMERCIAL BID Part-II: PRICE BID
3. Bidders to note that following forms the part of Tender Documents:
 - Technical Specification
 - 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 tender 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. In the event of any contradiction in the terms and conditions mentioned, the order of precedence shall be N.I.T. covering letter (including Tech Spec)/ SCC Rev-01/GCC terms.
8. All correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address:

Mr. Sanjeev Kumar, Asst Engineer, BOP M/s. Bharat Heavy Electricals Ltd., Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16 A, Noida-201301, U.P., INDIA E-MAIL: sanjeev_k@bhel.in Ph. No. +91-120-4368590	Sh. Sharad Chandra, Dy. Manager, BOP M/s. Bharat Heavy Electricals Ltd., Project Engineering Management, Power Project Engineering Institute, HRD & ESI Complex, Plot No 25, Sector-16A,Noida-201301,U.P.,INDIA E-MAIL: sharadchandra@bhel.in Ph. No. +91-120-4213572
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9. INSTRUCTIONS REGARDING CENTRALISED TENDER ROOM:
 - 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 Sharad Chandra, Dy Manager, BOP,
M/s. Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301, U.P., INDIA
E-MAIL: sharadchandra@bhel.in
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- b. The dispatch department shall not accept any tender in torn condition and return the same 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.
10. Bidder is requested to quote their best competitive prices. "BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer 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.

Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer.

The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates.

If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com)."

Link for RA guidelines to be followed as:

http://www.bhel.com/vender_registration/pdf/Guidelines%20for%20Reverse%20Auction-2016.pdf



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11. Cost of Tender Document is ₹ 5000/-. Tender Document is available over BHEL Website at www.bhel.com & www.bhelpem.com. Tender shall accompany the Tender Cost of ₹ 5000/- in the form of Demand Draft (DD) in favour of BHEL payable at New Delhi in addition to the DD for EMD amount. Cost of tender document is non-refundable in nature.
12. Earnest Money Deposit (EMD) is ₹ 12,00,000/-. Bidders shall deposit EMD through Demand Draft (DD) in favour of BHEL payable at New Delhi. Tenders submitted by bidders who do not pay EMD will not be considered and are liable for rejection. The EMD of the successful tenderer will be retained towards part of Security Deposit. In the case of unsuccessful tenderers, the EMD will be refunded to them within fifteen days from the date of award of work to the successful bidder. However, no interest (or) damages would be paid to the Bidders for delay in refund of EMD.
13. The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit.
14. Delivery of Drawing & Documents from PO date shall be as under:
 - (I). Thermal and hydraulic calculation, GA drawing and Technical datasheet within 3 weeks.
 - (II). Civil DBR within 3 weeks.
 - (III). Wind tunnel test conductance by 8 weeks.
 - (IV). Specification/ datasheets/ BOQs on item rate basis ordering for NDCT supply, E&C and Civil works within 8 weeks.
 - (V). Civil drgs related to Foundation, pedestal, Raker columns, Basin and Grillage columns and Beams within 12 weeks.
 - (VI). Mech./ Electrical/ C&I drgs within 16 weeks.
 - (VII). Civil drgs upto NDCT Shell within 20 weeks.

(Weeks indicated is 1st submission date for the respective Drgs/Docs)

Subsequent revisions of above Drgs/Docs to be submitted within 7 days of comments received from BHEL.

Drawings submitted shall be complete in all respects with revised drawing submitted incorporating all comments. Any incomplete drawing submitted shall be treated as non-submission with delays to bidder's account.

15. Payment Terms shall be as under:
 - (I). 15 % of contract value against the approval of Detailed thermal and hydraulic calculation, GA drawing, Technical datasheet & Civil DBR by BHEL & TSGENCO.
 - (II). 5 % of contract value against witness of Wind tunnel by BHEL & TSGENCO.
 - (III). 15 % of contract value against furnishing specification/ datasheets/ BOQs on item rate basis ordering for NDCT supply, E&C and Civil works and acceptance of specification by BHEL.
 - (IV). 25 % of contract value against approval of civil drgs related to Foundation, pedestal, Raker columns, Basin and Grillage columns and Beams & approval of civil drgs up to NDCT Shell by BHEL & TSGENCO.



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(V). 20 % contract value against BHEL & TSGENCO approval of Mech./ Electrical/ C&I drgs.

(VI). 5 % contract value against BHEL & TSGENCO approval of Mech. drgs/ Electrical drgs/ C&I BOI drgs. (Review of BOI Drgs within 08 months from the date of LOI of 2nd Contract)

(VII). 15 % of contract value against acceptance of NDCT PG test report by BHEL and TSGENCO.

16. Liquidated Damages: - "BHEL shall recover from the vendor, as agreed liquidated damages and not by way of penalty, a sum equivalent to half per cent (1/2%) of the total order/ contract price, excluding element of taxes per week or part thereof subject to a maximum of five per cent (5%) of total order/contract price, excluding element of taxes, if the vendor has failed to submit drawing & documents within fixed delivery period as noted above.
17. Performance Bank Guarantee Shall not be applicable.
18. 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 AND FINANCIAL PRE-QUALIFYING REQUIREMENTS". Bids of only those bidders shall be evaluated who meet the Technical as well as Financial Pre-Qualifying requirements.

19. Vendors shall have to enter into Integrity Pact (IP) with BHEL. The Integrity pact shall be returned by the bidder along with their Techno-commercial Bid, duly filled & 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. (Refer Annexure-IX)
20. Bidder to note that this is a conditional Open Tender enquiry and the price bid (Part-II) opening/RA participation shall be subject to following condition:
- A) Approval of bidder by End Customer.
Approval shall be taken up by BHEL with customer based on the credentials/reference list. Hence Bidders are requested to submit the following (as part of their credentials) on or before Part-I opening/due date: -
- Company Profile
 - Recent Purchase orders copies
 - Reference list indicating PO details, customer name, PO date, execution date etc.
- B) Techno-commercial recommended bidders by BHEL.
21. The bidders who are not registered with BHEL-PEM may apply for registration in BHEL-PEM through Registration Portal available at www.bhelpem.com-->vendor_section-->online_supplier_registration. All credentials and/or documents duly signed & stamped



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related to registration has to be uploaded on the website & submit the application for registration. One set of hard copy filled-up SRF downloaded from Online Registration Portal duly signed & stamped has to be submitted.

22. Evaluation will be done on overall L1 basis. Evaluation shall be done excluding GST quoted by Bidders.
23. Taxes & Duties shall be as per GST.
24. Bonus Clause shall not be applicable.
25. Prices shall remain firm till completion of the contract.
26. Bidder to note that COMMERCIAL TERMS AND CONDITIONS shall be as per Notice Inviting Tender (NIT), GCC Rev-06 & GST related Corrigendum to GCC Rev 06 & SCC Rev-01.

Thanking You.

Yours faithfully,
For and on behalf of BHEL

SHARAD CHANDRA
(Dy. MANAGER/BOP/BHEL-PEM)

Enclosures:

1. Enquiry Letter along with Terms & Conditions (this letter)
2. Technical Specification
3. Financial PQR
4. Technical PQR
5. Price format/schedule (Prices should be quoted strictly in this format only).
6. Annexure-IX (Integrity Pact Format)
7. GST related Corrigendum to GCC Rev 06.
8. SCC Rev-01 of 5X800 MW YADADRI TPS.