



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

Enq No.: PE/PG/UDN/E-5963/2018

NIT

DATE. 31.05.2018

DUE DATE
21/06/2018
02:00 PM

Subject: Tender Enquiry of **NDCT DESIGN CONSULTANCY** as per Technical Specification No. **PE-TS-435-165-N001 (REV. 0)** for **2 X 660 MW UDANGUDI STPP STAGE I**.

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 Two (02) number cooling towers (NDCT) of 2 x 660 MW Udangudi STPP 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 http://www.bhel.com/tender/tender_home.php & https://prasarak.bhelpem.com/Current_Tender.aspx.

We are pleased to invite your offer in two parts in two separate sealed covers for the under mentioned Job as per Clause No. 2.0 (Instructions to Bidders) of GCC Rev-06 in 5 sets.

Job Description - NDCT DESIGN CONSULTANCY		
Sl. No.	Project	TECHNICAL SPECIFICATION NO.
1.	2 X 660 MW UDANGUDI STPP STAGE I	PE-TS-435-165-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
 - BOQ cum 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 NIT covering letter (including Tech Spec)/ SCC of project/GCC terms.
8. All correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address:

Mr. Vinod Kumar, DGM, 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: vinod.kumar@bhel.in Ph. No. +91-120-4368648	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
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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. Earnest Money Deposit (EMD) is ₹ 4,84,000/-.

The EMD may be accepted only in the following forms:

- (i) Electronic Fund Transfer credited in BHEL account (before tender opening)
- (ii) Banker's cheque/ Pay order/ Demand draft, in favour of BHEL (along with offer in a separate envelope)

The EMD shall be forfeited in case of:

- a) After opening the tender and within the offer validity period, the tenderer revokes his tender or makes any modification in his tender which is not acceptable to BHEL.
- b) The Contractor fails to deposit the required Security deposit or commence the work within the period as per LOI/ Contract.
- c) EMD by the tenderer shall be withheld in case any action on the tenderer is envisaged under the provisions of extant "Guidelines on Suspension of business dealings with suppliers/ contractors" and forfeited/ released based on the action as determined under these guidelines.
- d) If operations of the contract are not commenced from the date indicated in the award of contract.

EMD given by all unsuccessful tenderers shall be refunded normally within fifteen days of award of work.

No interest shall be payable by BHEL on EMD amount.

12. The vendor to submit the security deposit amount before the start of the contract. 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.

Modes of deposit:

The balance amount to make up the required Security Deposit of 5% of the contract value may be accepted in the following forms:

- i) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL
- ii) Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL
- iii) Fixed Deposit Receipt issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL)
- iv) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL)

Collection of Security:

At least 50% of the required Security Deposit, including the EMD, should be collected before start of the work. Balance of the Security Deposit can be collected by deducting 10% of the gross amount progressively from each of the running bills of the vendor till the total amount of the required Security Deposit is collected.



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If the value of work done at any time exceeds the contract value, the amount of Security Deposit shall be correspondingly enhanced and the additional Security Deposit shall be immediately deposited by the vendor or recovered from payment/s due to the vendor.

Failure to pay the security deposit shall be treated as failure to discharge the duties under the contract and shall result in cancellation of the offer of the contract and the vendor shall be liable to compensate BHEL for any losses incurred by BHEL. The security deposit shall be refunded within a reasonable time after the date of expiry of the contract subject to the vendor carrying out all obligations / operations as required under the contract.

BHEL reserves the right to appropriate any part / whole of the amount of the security deposit without prejudice to other claims against the vendor for losses suffered by BHEL due to failures on the part of the vendor due to termination of contract or vendor becoming disqualified because of liquidation / insolvency. The decision of BHEL in respect of such losses, damages, charges, expenses, costs, shall be final and binding on the vendor and the decision shall not be questionable.

The Security Deposit shall not carry any interest.

13. Relaxation of Norms for Start-ups & MSME shall be as per Government of India Guidelines.
14. Cost of Tender Document is NIL.
15. Delivery of Drawing & Documents from LOA 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 10 weeks.
 - (VI). Mech./ Electrical/ C&I drgs within 12 weeks.
 - (VII). Civil drgs upto NDCT Shell within 16 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.

16. 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 & TANGEDCO.
 - (II). 5 % of contract value against witness of Wind tunnel by BHEL & TANGEDCO.



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(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 & TANGEDCO.

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

(VI). 5 % contract value against BHEL & TANGEDCO approval of Mech. drgs/ Electrical drgs/ C&I BOI drgs. (Review of BOI drgs within 10 days of submission from BHEL/ 2nd contractor)

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

The final payment to Vendor shall be made after confirmation from BHEL site/ Region/PEM (Engg) regarding completion of minimum visits as per specification.

Payment terms (VII) will not be linked for the purpose of LD as it is linked with second contract of NDCT i.e. Civil Contractor works.

17. 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.
18. Performance Bank Guarantee Shall not be applicable.
19. 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.

20. Bidder to note that 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.
 - Performance Certificate issued by clients.
 - B) Techno-commercial recommended bidders by BHEL.



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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](http://www.bhelpem.com-->vendor_section-->online_supplier_registration). All credentials and/or documents duly signed & stamped 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 applicable GST.
24. Bonus Clause shall not be applicable.
25. Overrun compensation (ORC) shall not be applicable.
26. Prices shall remain firm till completion of the contract. PVC shall not be applicable.
27. Additional Overhead Charges shall be 5% instead of 30% as mentioned in Clause No 26.2. of GCC Rev 06.
28. 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 of the project.

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. GST related Corrigendum to GCC Rev 06.
7. SCC of the project.