



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

Enq No.: PE/PG/MG1/E-5567/2017

NIT

DATE. 10.04.2017

DUE DATE
MAY 01, 2017
02.00 P.M.

Subject: Tender Enquiry of **COMPRESSED AIR SYSTEM** as per Technical Specification No. **PE-TS-411-555-A001** for **4 X 270 MW BHADRADRI TPS**.

BHEL invites offers from reputed Vendors (Refer pre-qualifying requirements and other requirements given in tender enquiry letter uploaded on our websites) for "Supply part, Services part and Mandatory spares (if applicable) comprising of Design (i.e. Preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables, mandatory spares (if applicable) along with spares for erection, start up and commissioning as required, forwarding, proper packing, shipment and delivery at site, unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning, final painting at site, minor civil work, trial run at site, preparation of layout drawings 3D (as applicable) and carrying out Performance guarantee / Functional / Demonstration tests at site (As applicable), training of customer/client O&M staff (if applicable) and handover in flawless condition of the package to the end customer complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order.." Detailed scope of work & equipment details shall be as per technical specification and other details hosted on BHEL/BHEL-PEM website.

Your offer shall be submitted in two parts strictly as per Clause-2.0 of the "Instructions to Bidders" of GCC, Rev. 06 in quintuplicate (5 sets), in sealed covers for the under mentioned equipment/system.

Item Description - COMPRESSED AIR SYSTEM		
Sl. No.	Project	TECHNICAL SPECIFICATION NO.
1.	4 X 270 MW BHADRADRI TPS	PE-TS-411-555-A001

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, SR.ENGR, PG-II-2,
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@bhelpem.co.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.

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

Sharad Chandra

4X270 MW BHADRADRI TPS



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1. Enquiry No., due date etc. must be legibly super-scribed 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" of GCC Rev. 06.
3. Bidders to note that following forms the part of Tender Documents :
 - General Conditions of Contract (GCC) Rev 06
 - Special Conditions of Contract (SCC, Rev-01)
 - 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. Tenderers must enclose the Quality Plan in the prescribed format, for approval. Equipment/Items will be dispatched only after Purchaser's/Owner's inspection at the hold points specified in the approved Quality Plan and issue of Material Dispatch Clearance Certificate (MDCC).
8. 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/ GCC terms.
9. All correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address :

Mr. Anil Kumar Pal, Sr. Manager, PG-II-2
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: anilkumarpal@bhelpem.co.in
Ph. No. +91-120-4368597

Sh. Sharad Chandra, Sr. ENGR, PG-II-2
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@bhelpem.co.in
Ph. No. +91-120-4213572

10. 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, Sr.ENGR, PG-II-2,
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@bhelpem.co.in
Ph. No. +91-120-4213572

- 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.

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- 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. 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

IMPORTANT INSTRUCTION TO BIDDERS IN CASE OF REVERSE AUCTION

The Bidders has to quote the Single Price (i.e. Total Cost to BHEL) in Reverse Auction. Price are to be inclusive of Packing & Forwarding charges, all the routine & type tests as per tender scope, ED + cess, CST against C-form/VAT, Freight as applicable, insurance charges, etc. including loading (if any). De-loading (if any) shall be done in line with SCC of the project.

Following Condition in Reverse Auction shall be treated as follows:

Case-I (Taxes & duties and freight are identical in Reverse Auction & Conventional Price Bid)

Resolution: - Ordering shall be done on lower of the two bids (RA closing price & Conventional Price Bid). After successful completion of reverse auction L1 bidder shall be asked to submit break up in line with taxes & duties, freight quoted in their Conventional Price Bid.

Case-II (In case Bidder has quoted 'CST' in Conventional Price Bid and applicable Tax is 'VAT')

Resolution: - "Total Cost to BHEL shall be maintained by reducing proportion amount in Ex-works quoted by Bidder".

Case-III (In case Bidder has quoted 'VAT' in Conventional Price Bid and applicable Tax is 'CST')

Resolution: - Conventional Bid/RA quoted Prices shall be reduced and CST will be allowed.

Sarvesh Chandra



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Statutory variation shall be applicable.

Any new tax structure (like Goods & Services Tax) as and when implemented by the Government shall become applicable in addition to or in lieu of existing tax structure.

Note: - Applicable taxes & duties shall be determined as per location of works of bidder.

12. Delivery Schedule:

For Supply (along with commissioning spares): Ten (10) months from date of LOA.

The submission schedule of drg/doc shall be as per Technical Specification No PE-TS-411-555-A001.

Mandatory Spares and Tools & tackles (if any) are to be delivered along with the last consignment of main supply within the contractual delivery period.

For E&C: Four (04) months from the availability of front at site.

Site front availability will be reckoned as date when site informs for mobilization of manpower & resources.

Terms of delivery-FOR dispatch station.

Storage at site shall be under vendor scope.

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 AND FINANCIAL PRE-QUALIFYING REQUIREMENTS". Bids of only those bidders shall be evaluated who meet the Technical as well as Financial Pre-Qualifying requirements.

14. 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, as per GCC Rev-06).

To oversee implementation of IP, Sh. VVR Sastry, Ex-CMD/ BEL) has been appointed as IEM (Independent External Monitor) by BHEL.

15. CIF of Rs 3.79 Crore is available for this package. Vendor to quote accordingly.
16. Foreign and indigenous bidders participating in subject tender will necessarily have to buy class III DSCs (Digital Signature Certificate) issued by the certifying authorities in India. Basic procedure /checklist are uploaded on www.bhel.com for participating in future tender enquires through e procurement.
17. PVC shall not be applicable.
18. 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 deviation in Sealed Cover as per **Annexure-II** Deviation Sheet (Cost of Withdrawal) as per GCC Rev-06.
19. Total erection & commissioning charges including service tax should be minimum 10% of the total quoted package (excluding mandatory spares but including all taxes & freight), falling which the break-up of price shall be adjusted accordingly for ordering.
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:

Shantil Chandra



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- 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 the clients.
- B) Techno-commercial recommended bidders by BHEL.
21. The bidders who are not registered with BHEL-PEM have to 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 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. The Bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice."
23. BGs should be in favour of BHEL-PSWR in place of PEM. Vendors will be required to submit BGs to executing agency BHEL-PSWR.
24. Contractor will comply with HSE (Health, Safety & Environment) requirement of BHEL.
25. Indian bidders/Foreign Bidders for Indigenous Items have to quote freight charges in percentage of their quoted Total Ex-works prices.
26. Evaluation will be done on overall L1 (Total cost to BHEL) basis with necessary loadings as applicable. Bidders have to refer SCC & GCC.
27. Bidder has to submit "NO DEVIATION CERTIFICATE FOR COMMERCIAL TERMS AND CONDITIONS AS PER GCC (06), SCC (REV 03) AND NIT". In case of deviations, bidder to clearly mention the same with their techno-commercial offer as per Point No-18 of NIT.
28. 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) only. Bidders should regularly visit websites to keep themselves updated.
29. 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
30. Prices shall be firm.
31. Bidders to note that offers shall be submitted strictly in accordance with the requirements of the all the enclosed Tender Documents along with post-bid agreements/MoMs (during Techno- Commercial evaluation) shall automatically become the part of the Order/Contract after its finalisation.
32. Bidder 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).
33. MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format

Stanley Chandra

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enclosed at Annexure-1 where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. Documents should be notarised or attested by a Gazetted officer.

34. In case of joint bidding Bidders to furnish scope matrix which should be clearly defined between foreign bidder and their Indian representative along with the offer for the Main Supply and Erection & Commissioning.
35. Please note that detailed offers are to be submitted including the following documents:
- Acceptance of GCC Rev.06
 - Acceptance of Special Conditions of Contract (SCC) of the project.
 - Pre-qualifying Requirements (PQRs) along with supporting documents
 - ❖ FINANCIAL PQR
 - ❖ TECHNICAL PQR
 - Technical and commercial deviations as per Annexure-II of GCC Rev. 06 only, if any
 - A copy of this letter duly signed & stamped on each page as token of acceptance of all terms & instructions conveyed
 - Un-Priced price schedule (format) duly filled in 'Quoted' or 'Q' in each column/row.
 - Separate sealed price-bid envelope mentioning Enquiry No., Name of the project/package and Name of bidder in BOLD LETTERS on the top of envelope.

NOTE: In case you are not making an offer against this enquiry, you are requested to send a regret letter so as to reach us on or before the due date.

Thanking You.

Yours faithfully,
For and on behalf of BHEL

Sharad Chandra

SHARAD CHANDRA
(SR. ENGINEER/PGII-2/BHEL-PEM)

Enclosures:

1. Enquiry Letter along with Terms & Conditions (this letter)
2. Technical Specification
3. Financial PQR
4. Technical PQR
5. General PQR
6. Price format/schedule (Prices should be quoted strictly in this format only).
7. SCC REV-03 of 4X270 MW BHADRADRI TPS.
8. HSE Guidelines.

4X270 MW BHADRADRI TPS