

Ref. Enquiry No.: PE/PG/EN1/E-5693/2017 Dt: 05.09.2017

|             |
|-------------|
| DUE DATE    |
| 20-09-2017  |
| BY 02:00 PM |

Dear Ma'am/Sir,

**Subject: Open Tender Enquiry for "OXYGEN DOSING SYSTEM" as per Technical Specification No. PE-TS-412-154-A101 R1 for 2 X 660 MW ENNORE SEZ STPP.**

BHEL invites your offers for design, engineering, manufacture, fabrication, assembly, supply, inspection/ testing at vendor's & sub-vendor's works, painting, mandatory spares, start up and commissioning spares, special tools and tackles (as applicable), forwarding, proper packing, shipment and delivery at site, preparation and submission of drawing/ documents & equipment/ system guarantee for 2 x 660MW ENNORE SEZ SUPERCRITICAL THERMAL POWER PROJECT OXYGEN DOSING SYSTEM complete with all accessories for the total scope as specified/ defined as per tender technical specification PE-TS-412-154-A101 R1, amendment & agreements till placement of order for 2x660 MW Ennore SEZ STPP.

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

| Item Description – OXYGEN DOSING SYSTEM |                            |                             |
|-----------------------------------------|----------------------------|-----------------------------|
| Sl. No.                                 | Project                    | TECHNICAL SPECIFICATION NO. |
| 1                                       | 2 X 660 MW ENNORE SEZ STPP | PE-TS-412-154-A101 R1       |

Your best quotation/offer for the above requirement, in line with our terms and conditions, should be submitted **online via e-procurement system**. It shall be the responsibility of the bidder to ensure that the tender is submitted **on or before the due date by 02:00 PM**. Part-I bids shall be opened at **03:00 PM**. on the due date.

**Note:** 1. Detailed tender documents have been uploaded at the following websites.

- [www.bhel.com](http://www.bhel.com)
- [www.bhelpem.com](http://www.bhelpem.com)
- [www.eprocure.gov.in](http://www.eprocure.gov.in)
- <https://bheleps.buyjunction.in>

2. In case you are not interested to quote, please send us the regret by mail or letter.

**ENQUIRY TERMS AND CONDITIONS:**

Please refer GCC Rev-06 which is available on [www.bhelpem.com/Tenders.aspx](http://www.bhelpem.com/Tenders.aspx). GST related corrigendum to GCC Rev06 is enclosed and same is to considered along with GCC Rev06. Bidders are requested to go through the same while submitting the offer.

1. Offers should be submitted separately in two parts **online through e-procurement system** as follows:

**Part-I: TECHNO COMMERCIAL BID**

**Part-II: PRICE BID**

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For detailed instructions, please see clause no. 1.0 & 2.0 of "Instructions to Bidders (Vol-I, GCC Rev. 06)".

2. Bidders shall submit their offers meeting the requirements of the following tender documents indicated in GCC, Rev. 06 and other Terms and Conditions included in this Enquiry Letter:
3. Bidders to note that following form the part of tender documents:
  - a. General Conditions of Contract (GCC) Rev 06 comprising of: Instructions to Bidders and General Commercial Terms & Conditions and GST related corrigendum to GCC Rev06
  - b. Technical Specifications.
  - c. Price format & Special Conditions of Contract (SCC Rev01).
  - d. Enquiry terms & conditions
  - e. Performance Bank Guarantee format.
  - f. PQR
4. Any hidden conditions/deviations mentioned elsewhere in offer and standard pre-printed terms & conditions of the tenderers shall not be considered valid.
5. Tenders shall be submitted strictly in accordance with the requirements of the above mentioned tender documents. Deviations (Technical as well as Commercial), if any, shall be listed out separately in Annexure-II of GCC Rev-06 (to be read in conjunction with GST related corrigendum to GCC Rev06) along with reasons for taking such deviations. Any deviations (Technical as well as Commercial) not mentioned in the Annexure-II shall not be considered. Bidders to note all the points mentioned in "Notes" of Annexure-II to GCC Rev.06 along with GST related corrigendum to GCC Rev06.
6. Bidder has to submit "NO DEVIATION CERTIFICATE FOR COMMERCIAL TERMS AND CONDITIONS as per General Conditions of Contracts (GCC, Rev.06), Special Conditions of Contract and Notice Inviting Tender (NIT)" **in case of no deviations.**
7. Unsolicited fresh/revised price bids shall not be entertained.
8. 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.
9. Tenderers must enclose the Quality Plan in the prescribed format, for approval. Equipment will be dispatched only after Purchaser's/Owner's inspection of the hold points specified in the approved Quality Plan and issue of Material Dispatch Clearance Certificate (MDCC).
10. Late tenders shall be rejected.
11. Offers should be submitted separately in two parts **online through e-procurement system only**, however, all correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address:

  
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|                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ANIL KUMAR PANDEY, Dy. Mgr., PG-IV</b><br><b>M/s. Bharat Heavy Electricals Ltd.,</b><br><b>Project Engineering Management,</b><br>Power Project Engineering Institute,<br>HRD & ESI Complex,<br>Plot No 25, Sector-16 A, Noida-201301,U.P.,INDIA<br><b>E-MAIL: apandey@bhel.in</b><br><b>Ph. No. +91-120-4213528; Mob: 7982523375</b> | <b>SHREEDHAR SINGH, Sr.MGR, PG-IV</b><br><b>M/s. Bharat Heavy Electricals Ltd.,</b><br><b>Project Engineering Management,</b><br>Power Project Engineering Institute,<br>HRD & ESI Complex,<br>Plot No 25, Sector-16 A, Noida-201301,U.P.,INDIA<br><b>E-MAIL: shreedharsingh@bhel.in</b><br><b>Ph. No. +91-120-4368720</b> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

12. **Bidder to note that this is a conditional Open tender enquiry. Hence, price bid (Part-II) opening/RA shall be subject to following criterion:**
- Inline with clause no 2.2 of GCC Rev 06
  - Bidder, who are not approved by customer, participation shall be subjected to approval of bidder by end customer (TANGEDCO).
13. The bidders (who are not registered with BHEL-PEM) -Online Registration Portal is operational in BHEL. Non-registered Vendors, who wish to apply for registration with BHEL-PEM, have to apply through Online Registration Portal available at [www.bhelpem.com](http://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
14. **Delivery Schedule: -**
- For Main Supply: Within six (06) months from the date of all documents approval in Cat-I subject to documents submission by vendor within weeks as indicated in attached annexure-VI of tech spec and every re-submission within Ten (10) days after incorporating all BHEL/Customer comments.
- In case there are delays of submission/resubmission from given schedule, that much days of delay would be reduced from delivery period.
- Mandatory Spares are to be delivered along with the last consignment of main supply within the contractual delivery period.
15. Pre-Qualifying Requirements: Bidders have to provide the required details as per PRE-QUALIFICATION REQUIREMENT CRITERIA (enclosed as NIT Tender Documents) in their Techno-Commercial offer. Bids of only those bidders shall be evaluated who meet the Pre-Qualifying requirements.
16. Bidders are requested to refer Performance Bank Guarantee (PBG) format & rules and adhere to it while furnishing PBG.
17. BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on [www.bhel.com](http://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.

  
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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](http://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](http://www.bhel.com))."

Link for RA guidelines to be followed as:

[http://www.bhel.com/vender\\_registration/pdf/Guidelines%20for%20Reverse%20Auction-2016.pdf](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 availing input tax credit) in Reverse Auction. Price are to be inclusive of Packing & Forwarding charges, all the routine & type tests as per tender scope, Freight charges, Insurance charges (if applicable)etc., including loading (if any) as applicable.

18. Prices are firm.
19. CIF allocation is not available for this package
20. If any bidder uploads price bid in the unpriced section (techno-commercial attachment page) of the tender in e-procurement, in that case bidder(s) shall only be responsible for such mistake and any consequences thereof. Hence all bidders are requested to be more careful at the time of uploading the Unpriced and Price Bid for Part-I and Part-II respectively to avoid mismatch
21. All the above Tender Documents shall automatically become a part of the Order/Contract after its finalisation.
22. Evaluation will be done on overall L1 (Total cost to BHEL ) excluding GST quoted by bidder. Bidders have to refer SCC Rev01 & GCC Rev06 (along with GST related corrigenda to GCC Rev06) for the same.
23. The offers of the bidders who are on the banned list and 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 <http://www.bhel.com>.
24. 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.

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25. Digital Signature: 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 is uploaded on [www.bhel.com](http://www.bhel.com) for participating in future tender enquires through e procurement.
26. There is no variation on overall package value due to changes in the scope for this package. This will prevail over the quantity variation clause no. 6.0 indicated in the GCC rev 06.
27. Please note that for technical bid, 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 Rev01).
  - Along with your offer, please submit 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 mentioning 'Quoted' or 'Q' in each column/row, wherein actual price has been quoted.

**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. Wherever GCC Rev06 is mentioned same is to be read in conjunction with GST related corrigendum to GCC Rev06**

Thanking You.

Yours faithfully,  
For and on behalf of BHEL

**ANIL KUMAR PANDEY**  
(Dy. Mgr/PG-IV/BHEL-PEM)

**Enclosures:**

1. GST related corrigendum to GCC Rev06
2. Technical Specification No. PE-TS-412-154-A101 Rev1
3. Special Conditions of Contract (SCC REV 01)
4. BOQ cum price schedule
5. Deviation sheet Annexure-II
6. Performance Bank Guarantee format.
7. Technical PQR.
8. Annexure-VI of tech spec for drawing document submission
9. BHEL corporate circular AA:MM:AGENCY dated 06th August 2010
10. BHEL FRAUD PREVENTION POLICY (AS AVAILABLE ON [WWW.BHEL.COM](http://WWW.BHEL.COM))

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**TITLE :**  
**2 x 660MW ENNORE SEZ SUPERCRITICAL**  
**THERMAL POWER PROJECT**  
**TECHNICAL SPECIFICATION FOR OXYGEN**  
**DOSING SYSTEM**

**SPECIFICATION NO.:** PE-TS-412-154-A101

**SUB-SECTION:** IA

**REV. NO.** 01

**DATE :** 27.02.2017

## ANNEXURE VI

### MASTER DRAWING LIST WITH SCHEDULE OF SUBMISSION

After award of LOI/ LOA, following minimum drawing/ documents shall be submitted by the bidder for BHEL/ Customer approval. However any additional drawing/ document, if found necessary for completion of the engineering, the same shall be submitted by bidder without any commercial & delivery implication to BHEL.

| S. NO. | DOCUMENT NO.       | DOCUMENT TITLE                                            | No. of weeks<br>from LOI<br>dated for<br>submission |
|--------|--------------------|-----------------------------------------------------------|-----------------------------------------------------|
| 1      | PE-V0-412-154-A101 | P&ID for Oxygen Dosing System                             | 2                                                   |
| 2      | PE-V0-412-154-A102 | GA drawing and foundation detail for Oxygen Dosing System | 2                                                   |
| 3      | PE-V0-412-154-A103 | Technical Data sheet for Oxygen Dosing System             | 4                                                   |
| 4      | PE-V0-412-154-A104 | Junction Box Termination Dwgs. for Oxygen Dosing System   | 4                                                   |
| 5      | PE-V0-412-154-A109 | QAP for Oxygen Dosing System                              | 2                                                   |
| 6      | PE-V0-412-154-A106 | O&M Manual for Oxygen Dosing System                       | 16                                                  |

For drawings/ documents submission procedure, please refer above details. Bidder has to submit the revised drawing/ document along with the compliance sheet indicating enumerate reply to all BHEL and customer comments/ observations. Without compliance sheet the submission of the drawings/ documents will not be considered and the delay on this account will be solely on bidder's side only. The number of drawing/ documents to be submitted by the bidder shall be as per enclosed Annexure-III.

Bidder to note that 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 attributable to bidder's account. Engineering meeting shall be held fortnightly, for which the bidder shall depute his concerned engineers along with project manager to PEM office or at customer office without fail.

Bidder to note that 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 attributable to bidder's account.

Drawing/document submission shall be done through web based Document Management System (DMS). Bidder would be provided access to the DMS for drawing/document approval. Detailed methodology would be finalized during detail engineering. Bidder to ensure following at their end:

- Internet explorer version – Minimum Internet Explorer 7
- Internet speed – 2 mbps (Minimum preferred)
- Pop ups from our external DMS IP (124.124.36.198) should not be blocked
- Vendor's internal proxy setting should not block DMS application's link (<http://124.124.36.198/wrenchwebaccess/login.aspx>)