

Ref. Enquiry No.: PE/PG/YAD/E-6606/2020 dated 16/02/2021

| DUE DATE            |
|---------------------|
| 26/02/2021          |
| By 02:00 P.M. (IST) |

Dear Sir,

**Subject: Tender Enquiry for “SINGLE GIRDER EOT/HOT MISC. CRANES” as per Technical Specification No. PE-TS-417-524-A001 for 5X800MW YADADRI TPP**

BHEL is pleased to invite offer for “SINGLE GIRDER EOT/HOT MISC. CRANES” package of **5X800MW YADADRI TPP** through E-procurement route. Please submit your best quotation/offer online via e-procurement portal (<https://eprocurebhel.co.in/nicgep/app>). Tender details shall also be available on [http://www.bhel.com/index.php/latest\\_tenders](http://www.bhel.com/index.php/latest_tenders) & [https://pem.bhel.com/Current\\_Tender.aspx](https://pem.bhel.com/Current_Tender.aspx). Detailed Scope of work & Equipment details shall be as per Technical Specification no. # PE-TS-417-524-A001 and other tender documents hosted on above mentioned website/enclosed herewith.

Your offer shall be submitted in two parts (Techno-Commercial Bid and Price Bid) strictly as per Clause-2.0 of the “Instructions to Bidders” of GCC, Rev. 07 online via e-Procurement System for the under mentioned equipment/system.

| ITEM DESCRIPTION                       | QUANTITY  | DELIVERY                 |
|--|---|--------------------------|
| SINGLE GIRDER EOT/<br>HOT MISC. CRANES | As per Price Format & technical specification<br>No. PE-TS-417-524-A001 | As per cl no. 1<br>below |

**1. DELIVERY SCHEDULE:**

**A. FOR MAIN SUPPLY including E&C spares & commissioning spares (excluding mandatory spares):**

**STAGE -1 QTY (UNIT-1 & 2)** - Within Six (06) months from date of CAT-1 approval of Primary drawing/documents, subjected to drawing/document submission/re-submission schedule as per drawing schedule as mentioned in point 1D below. In case of any delay in submission/re-submission of Primary drawing/documents, then same shall be reduced from the given delivery period. Delay in BHEL's comments/approval beyond 18 days shall also be considered for delay analysis.

**STAGE -2 QTY (UNIT- 3,4 & 5)** - Within Six (06) months from the date of manufacturing clearance. Separate manufacturing clearance shall be given for Stage II (Unit-3,4 & 5) quantities.

**B. MANDATORY SPARES (STAGE -1 & STAGE-2):** Within Four (04) months from date of BHEL manufacturing clearance. Stage wise manufacturing clearance shall be given.

**C. For Site activities (such as Supervision of E&C):** Vendor to depute its service engineer for respective site activity within 15 days from BHEL's intimation (for deputing service engineer) for such site activity.

For delay in deputing service engineer, LD on site activities portion shall be applicable @ ½% of the total site activities portion contract value (excluding element of taxes) per week or part thereof, with applicable GST. However, total LD (supply + site activities) shall be limited to 10% of cumulative total contract value excluding taxes and freight (supply + site activities).

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|                            |
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LD on above stipulated supply shall be applicable stage-wise as per GCC Rev. 07 clause no. 16.2.1 Note-3.

**D. Drawing Submission/ Resubmission Schedule: -**

| <b>BHEL Drawing No</b> | <b>Drawing Title</b>  | <b>Primary/<br/>Secondary</b> | <b>Drg. Schedule for<br/>Bidders</b>  |
|------------------------|---|-------------------------------|---|
| PE-V0-417-524-A001     | Manufacturing Quality Plan with sub vendor list OF SG CRANE   | Primary                       | R-0 within 21 days from PO & subsequent revisions within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt. |
| PE-V0-417-524-A002     | Data sheet of Single Girder Crane with painting details   | Primary                       |   |
| PE-V0-417-524-A004     | Mechanism Sizing Calculation OF SG CRANE  | Primary                       |   |
| PE-V0-417-524-A008     | Schematic Circuit Diagram for a) Main Protective panel & BOM b) Main hoist panel & BOM c) Cross Traverse and Long Travel panel & BOM d) Pendant and earthing. | Primary                       |   |
| PE-V0-417-524-A003     | G.A. of Single Girder CRANE with CT DSL arrangement OF SG CRANE   | Secondary                     | R-0 within 30 days from PO & subsequent revisions within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt. |
| PE-V0-417-524-A015     | Sea worthy packing(if applicable) OF SG CRANE   | Secondary                     |   |
| PE-V0-417-524-A009     | Long travel Machinery Assembly with LT wheel assembly OF SG CRANE   | Secondary                     |   |
| PE-V0-417-524-A016     | Erection procedure OF SG CRANE  | Secondary                     |   |
| PE-V0-417-524-A012     | Cable sizing calculation and schedule OF SG CRANE   | Secondary                     |   |
| PE-V0-417-524-A010     | Detailed BOM/BOQ for crane  | Secondary                     |   |
| PE-V0-417-524-A007     | General arrangement for LT cable trailing/ DSL system for Single Girder crane   | Secondary                     |   |
| PE-V0-417-524-A006     | Bottom Block assembly OF SG CRANE   | Secondary                     |   |
| PE-V0-417-524-A014     | Mandatory spare parts list (if applicable) OF SG CRANE  | Secondary                     |   |
| PE-V0-417-524-A005     | G.A. drg of Hoist with trolley wheel assembly OF SG CRANE   | Secondary                     |   |
| PE-V0-417-524-A019     | O&M Manual  | Secondary                     | within 30 days of issuance of MDCC.   |

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**Notes:**

- Clearance for Stage-2 Main supply shall be within 03 years from the date of Purchase Order, in line with contract variation clause No. 6.0 of General Commercial Terms & conditions of GCC Rev. 07.
  - Separate order shall be placed for Supervision of E&C and prices for the same shall be valid till completion of contract.
  - The end period specified is for completion of the deliveries. Deliveries to start progressively so as to meet the completion schedule.
  - The delivery conditions specified are for contractual LD purposes, however BHEL may ask for early deliveries without any compensation thereof.
  - Wherever schedule of drawings/documents submission / re-submission is stipulated in the Technical Specifications, same shall be superseded by delivery specified in NIT.
- Pre-Qualifying Requirements: Bidders who fulfil the TECHNICAL PRE-QUALIFICATION REQUIREMENT CRITERIA are eligible to participate in this tender. Bidders are requested to provide the details as per "TECHNICAL PRE-QUALIFYING REQUIREMENTS". Bids of only those bidders shall be evaluated who meet the Technical Pre-Qualifying requirements.
  - Verification of PQR documents:** Bidders to ensure that Third party/customer issued certificates being submitted as proof of PQR qualification should have verifiable details of document/certificate issuing authority such as name & designation of Issuing Authority and its organization contact number and e-mail Id etc. In case the same found not available, Purchaser has right to reject such document from evaluation.
  - PQR for MSME/Start-Up vendor's:** This item/Package/System falls under the list of items defined in Para 3 of Ministry of Finance guideline dated 20-09-2016 (procurement of items related to public safety, health, critical security operations and equipments, etc) & hence criteria of prior experience/turnover shall be same for all the bidders including startup/MSME.
  - Tender Evaluation - Evaluation will be done on overall L1 (Total Cost to BHEL excluding GST) basis with necessary loading as applicable.**
  - All corrigenda, addenda, amendments, time extensions, clarifications etc., to the tender will be hosted on ( <https://eprocurebhel.co.in/nicgep/app>., [https://pem.bhel.com/Current\\_Tender.aspx](https://pem.bhel.com/Current_Tender.aspx), [http://www.bhel.com/tender/corrigendum\\_home.php](http://www.bhel.com/tender/corrigendum_home.php) ) under subject tender reference. Bidders are requested to visit these sites constantly to keep themselves updated.
  - 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 as per Annexure-II of GCC Rev.07 (also available along with Price Format) along with reasons for taking such deviations.
  - If any bidder has mentioned the term Not Applicable / Not required / Not Quoted in BHEL price format, the same to be substantiated by the bidder. If such item is required to be supplied for system completion in future, same will be supplied free of cost by Vendor.

Ref. Enquiry No.: PE/PG/YAD/E-6606/2020 dated 16/02/2021

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9. All other correspondence thereof shall be addressed to the undersigned by name & designation and sent at the following address:

|  |  |
|--|--|
| Mr. Rohit Juneja, Dy Manager/PG-II<br>M/s Bharat Heavy Electricals Ltd.,<br>Project Engineering Management,<br>PPEI Building, HRD & ESI Complex,<br>Plot No 25, Sector-16 A, Noida-201301<br>E-MAIL: <a href="mailto:rohitjuneja@bhel.in">rohitjuneja@bhel.in</a><br>Ph. No. +91-120-4368848 | Mr. IP Singh, DGM/ PG-II<br>M/s Bharat Heavy Electricals Ltd.,<br>Project Engineering Management,<br>PPEI Building, HRD & ESI Complex,<br>Plot No 25, Sector-16 A, Noida-201301<br>E-MAIL: <a href="mailto:indra.pal.singh@bhel.in">indra.pal.singh@bhel.in</a><br>Ph. No. +91-120-4368749 |
|--|--|

10. Prices shall be Firm till completion of contract.

11. CIF is not available for this tender.

12. "BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on [www.bhel.com](http://www.bhel.com)) for this tender. RA shall be conducted among all the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered as initial bids of bidders in RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking."

**Vendors to note that above RA clause will supersede clause no 13 of "Instruction to Bidders "of GCC Rev 07."**

13. Bidder to note that this is an Open Tender enquiry & Reverse Auction opening shall be subject to following condition:
- Qualifying Technical PQR and Techno-commercial acceptance of offer by BHEL-PEM.
  - Approval of bidder by End Customer (TSGENCO): - Same shall be taken up by BHEL with end customer based on the latest credentials/reference list furnished by bidder (Preferably not older than 5 years) furnished by bidder. Accordingly, you are requested to submit the following documents on or before techno-commercial bid (Part-1) opening: -
    - Company Profile
    - List of projects executed/ on hand for power sectors / Govt. organizations for the subject package.
    - PO Copies and Performance Certificates for satisfactory working of the system /equipment's.
14. The bidders who are not registered with BHEL-PEM may apply for registration in BHEL-PEM through Registration Portal available at [www.bhelpem.com](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.
15. In case of joint bidding Bidders to furnish scope matrix which should be clearly defined between them along with the offer for the Main Supply & site activities.

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16. 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.
17. Commercial terms of NIT only to be considered and mentioned anywhere in technical specification in case contradicting to be ignored.
18. All Bidders to comply Govt. of India, Ministry of Power, order no-25-11/6/2018-PG dated 02/07/2020 regarding mandatory testing of all the imported items/equipment's/components (order copy enclosed).
19. **Make in India:** *"For this procurement, the local content to categorize a supplier as a Class I local supplier/ Class II local supplier/ Non-Local supplier and purchase preference to Class I local supplier, is as defined in Public Procurement (Preference to Make India), Order 2017 dated 16.09.2020 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT."*

**Minimum Local Content** - *Since this package falls under the category of goods, services or works in respect of which nodal ministry/ department has communicated that there is a sufficient local capacity and competition, only Class-I local suppliers as defined in the PP (MII) order are eligible to bid.*

**Following point to be noted regarding verification of local content: -**

*The supplier at the time of tender, bidding or solicitation shall be required to provide a certificate that the item offered meets the minimum local content, in accordance with para 9 of PP-MII order revision dated 16.09.2020.*

This Point will supersede point no 26 of ITB of GCC Rev 07.

20. The offers of the bidders who are on the banned list as 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 web site [http://www.bhel.com/vender\\_registration/vender.php](http://www.bhel.com/vender_registration/vender.php).
21. Bidders to comply Restrictions under Rule 144(xi) of the General Financial Rules (GFRs), 2017 (order copy enclosed) and submit the certification (format enclosed) as per Order no-F6/18/2019-PPD dated 23.07.2020 issued by Ministry of Finance.
22. Over all (%) quantity variation: The variation on overall package value due to changes in scope shall be  $\pm 10\%$  in place of 30% mentioned in clause no 6.0 of GCTC of GCC-REV-07.
23. The Bidder to declare that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to

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prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.

24. Bidders to note that value of CONTRACT PERFORMANCE BANK GUARANTEE (CPBG) shall be 3% instead of 5% mentioned in GCC Rev. 07. All other terms & conditions pertaining to CPBG shall be as per GCC Rev. 07.
25. Due to COVID-19 pandemic condition prevailing in the country, BHEL/PEM may go for Remote Inspection of Offered items, if required. Bidders are requested to be equipped with the facilities/gadgets as indicated in the guidelines attached to take up the inspection REMOTELY.
26. Integrity Pact is applicable for this enquiry as per cl. No. 12 of (ITB) GCC Rev 07. Following Independent External Monitors (IEMs) have been appointed by BHEL.  
I. Shri Arun Chandra Verma, IPS (Retd.) (Email-acverma1@gmail.com)  
II. Shri Virendra Bahadur Singh, IPS (Retd.) (Email-vbsinghips@gmail.com)
27. Terms & Conditions:- The terms & conditions shall be as per enclosed special conditions of the contract (copy enclosed), GCC Rev 07 which is available on <https://pem.bhel.com/gcc.aspx> and other Terms and Conditions included in this Enquiry Letter.
28. All the above terms and conditions, post-bid agreements/MoMs (during Techno-Commercial evaluation) shall automatically become a part of the Order/Contract after its finalisation.
29. Bidders shall upload their offers meeting the requirements of the tender documents. The following documents need to be uploaded on our e-procurement portal:
30. Bidders to note that offers shall be submitted strictly in accordance with the requirements of tender documents. Bidders shall upload their complete offer meeting the requirements of the tender documents on e-procurement portal <https://eprocurebhel.co.in/nicgep/app>.
31. Following documents need to be uploaded:
- Offer forwarding/ Covering letter & Documents required for meeting Technical PQRs
  - Local content certificate in line with Make in India Order dated 16.09.2020.
  - Certificate (as per enclosed format) as per Order no-F6/18/2019-PPD dated 23.07.2020 issued by Ministry of Finance.
  - Credentials as per format
  - Un-price bid, annexure-II (Cost of Withdrawal of Deviation) and Price bid along with annexure-II on BHEL e-procurement portal (<https://eprocurebhel.co.in/nicgep/app>)

It shall be the responsibility of the bidder to ensure that the tender is uploaded on or before the due date and time. Late offers are not accepted. Part-I bids shall be opened at 04:30 PM on due date through e-procurement Portal.

**Ref. Enquiry No.:** PE/PG/YAD/E-6606/2020 dated 16/02/2021

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**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

**ROHIT JUNEJA**  
**(DY MANAGER / PROJECT GROUP-II)**

**Enclosures:** - (1) SCC of the project (2) Technical Specification (3) Technical PQR (4) Latest Make in India Order 2020 (5) Order no-F6/18/2019-PPD dated 23.07.2020 issued by Ministry of Finance (6) Format for Certificate as per Order no-F6/18/2019-PPD dated 23.07.2020 issued by Ministry of Finance (7) Guidelines for Remote Inspection (8) Integrity Pact (9) Ministry of Power, order no-25-11/6/2018-PG dated 02/07/2020 (10) Price Format (excel file) (11) Unprice Format (pdf file)