

PQR

TENDER NO.- NDA/DADRI/AUSC-CNI/18\_031

Dated: 22/06/2018

Sub: "ERECTION & COMMISSIONING OF C&I SYSTEM FOR ADVANCED ULTRA SUPER CRITICAL (AUSC) BOILER FIRE SIDE CORROSION TEST RIG (FSCTR) TEST LOOPIN UNIT#3, 210 MW AT NCPS DADRI SITE (NTPC)"- (C&I WORKS) "

SL. NO	PRE QUALIFICATION CRITERIA	Bidders claim in respect of fulfilling the PQR Criteria
		Name and Description of qualifying criteria
A	Submission of Integrity Pact duly signed. (if applicable)	Not Applicable
B	Assessment of Capacity of Bidder to execute the work as per clause assessment of capacity of NIT (if applicable)	Not Applicable
C	<b>TECHNICAL CRITERIA</b>	Applicable
C.1	<p>Bidder who wish to participate should have executed any one of the following in the last seven years from latest date of bid submission:</p> <p>a) Executed "C&amp;I works for BTG/GT" or "C&amp;I works consisting of DCS/DDC/Station C&amp;I" in one unit of <math>\geq 100</math> MW. "OR"</p> <p>b) Execution of one contract of C&amp;I works consisting of DCS/DDC/Station C&amp;I in any Industry with its executed value <math>\geq</math>Rs.140 Lakhs.</p> <p style="text-align: center;"><b>AND</b></p>	
C.2	<p>Bidder who wish to participate should have executed, during last Seven years, as on the date of opening of Technical Bid Control &amp; Instrumentation (C&amp;I) work in the construction of industrial/infrastructural projects as per the following:</p> <p>(a) One single work of similar nature valuing INR 18,04,312/ or above "OR"</p> <p>(b) Two works of similar nature valuing each of INR 11,27,695/- or above "OR"</p> <p>(c) Three works of similar nature valuing each of INR 9,02,156/- or above.</p>	

<b>D</b>	<b>FINANCIAL CRITERIA</b>	Applicable
<b>D.1</b>	<p><b>TURNOVER</b></p> <p>Tenderers should have an average annual turnover minimum of INR 6,76,617/- of last three Financial Years (2014-2015, 2015-16 &amp; 2016-17). Bidders shall submit audited annual accounts (balance sheets and profit &amp; loss account) in support of this.</p> <p>In case audited financial statements have not been submitted for all the three years as indicated above, then the applicable audited statements submitted by the bidders against the requisite three years, will be averaged for three years.</p> <p>If financial statements are not required to be audited statutorily, then instead of audited financial statements, financial statements are required to be certified by Chartered Accountant.</p>	
<b>D.2</b>	<p><b>NETWORTH</b></p> <p>Net worth (only in case of companies) of the Bidder should be positive. Net worth shall be calculated based on the latest Audited Accounts as furnished for 'D-1' above.</p> <p>Net Worth = Paid up share capital* + Reserves.</p> <p>(* : Share Capital OR Partnership Capital OR Proprietor Capital as the case may be)</p>	
<b>D.3</b>	<p><b>PROFIT</b></p> <p>Bidder must have earned profit in any one of the three financial years as applicable in the last three financial years as furnished for 'D-1' above.</p> <p>Profit shall be PBT earned during any one year of last three financial years as in 'D-1' above.</p>	
<b>E</b>	<b>APPROVAL OF CUSTOMER (IF APPLICABLE)</b>	Applicable
<b>F</b>	<b>Consortium criteria (if applicable)</b>	Not Applicable
<p><b>Explanatory Notes for QR 'C'</b></p> <ol style="list-style-type: none"> <li>1. Relevant documents, meeting above requirements shall be submitted by bidders.</li> <li>2. For SI no 'C.1', 'Executed' means "SYNCHRONISATION" in case of power project and "WORK COMPLETION of the value as defined in PQR" in case of industry.</li> <li>3. For SI no. 'C.2', 'Similar Work' means work as per SI no. 'C.1' above.</li> <li>4. Time period for achievement of the Qualification Requirements is in the last 7 years ending on the 'latest date of Bid Submission' of Tender.</li> <li>5. For SI no 'C.2', actual executed value shall be considered.</li> <li>6. For criteria 'C-2' above Value of work is to be updated with indices for "All India Avg. Consumer Price index for industrial workers" and "Monthly Whole Sale Price Index for All Commodities" with base month as per last month of work execution and indexed up to three (3) months prior to the month of latest due date of bid submission as per following formula</li> </ol> $P = R + \left\{ \frac{0.425 \times R \times (X_N - X_0)}{X_0} + \frac{0.425 \times R \times (Y_N - Y_0)}{Y_0} \right\}$		

Where

P = Updated value of work

R = Value of executed work

XN = All India Avg. Consumer Price index for industrial workers for the month, three months prior to the month of latest due date of bid submission

XO = All India Avg. Consumer Price index for industrial workers for last month of work execution

YN = Monthly Whole Sale Price Index for All Commodities for the month, three months prior to the month of latest due date of bid

YO = Monthly Whole Sale Price Index for All Commodities for last month of work execution

7. For the purpose of evaluation of the PQR, one MW shall be considered equivalent to 3.5 TPH where ever rating of HRSG/BOILER is mentioned in MW. Similarly, wherever rating of Gas Turbine is mentioned in terms of Frame size, ISO rating of the same in terms of MW shall be considered for evaluation.
8. In case the Experience/PO/WO certificate enclosed by bidders do not have separate break up of prices for the E&C portion for Electrical and C&I works (i.e. the certificates enclosed are for composite order for supply and erection of Electrical and C&I and other works if any), then value of Erection & Commissioning for the Electrical and C&I portion shall be considered as 15% of the price for supply & erection of Electrical and C&I.

BIDDER SHALL SUBMIT ABOVE PRE-QUALIFICATION CRITERIA FORMAT, DULY FILLED-IN, SPECIFYING RESPECTIVE ANNEXURE NUMBER AGAINST EACH CRITERIA AND FURNISH RELEVANT DOCUMENT INCLUSIVE OF WORK ORDER AND WORK COMPLETION CERTIFICATE ETC IN THE RESPECTIVE ANNEXURES IN THEIR OFFER.

**Common explanatory Notes:**

1. For evaluation of PQR, the credentials of the Bidder alone, and not that of the Group Company shall be considered.
2. Time period for achievement of the Qualification Requirements is in the last 07 years ending on the 'latest date of Bid Submission' of Tender.
3. "Executed" means the bidder should have achieved the criteria specified in the Common QR even if the Contract has not been completed or closed.

**TECHNNO-COMMERCIALBID FOR:**

Tender No.: NDA/DADRI/AUSC-CNI/18\_031

Dated: 22/06/2018

**Sub: ERECTION & COMMISSIONING OF C&I SYSTEM FOR ADVANCED ULTRA SUPER CRITICAL (AUSC) BOILER FIRE SIDE CORROSION TEST RIG (FSCTR) TEST LOOP IN UNIT#3, 210 MW AT NCPS DADRI SITE (NTPC)”(C&I WORKS)**

<b>NAME &amp; ADDRESS</b>	
<b>PAN NO.</b>	
<b>Provident Fund No.</b>	
<b>OFFER NO</b>	
<b>EMD Details</b>	
<b>VALIDITY OF OFFER</b>	<b>6 MONTHS</b>
<b>COMPLETION PERIOD</b>	<b>03 MONTHS ( 02 MONTHS FOR PRE SHUTDOWN WORKS , 01 MONTH FOR SHUTDOWN WORK)</b>
<b>MOBILISATION PERIOD</b>	<b>07DAYS FROM THE DATE OF LOI OR INSTRUCTION FROM RSC WHICHEVER IS LATER</b>
<b>GUARANTEE PERIOD</b>	<b>03 MONTHS FROM THE DATE OF HANDING OVER OF SYSTEM TO NTPC</b>

**Following are enclosed/ certified/accepted as part of Technical bid:**

1. Tenders shall be uploaded with all relevant PDF/zip format. The relevant tender documents should be uploaded by an authorized person having Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION digital signature certificate (DSC).
2. Code for Health, Safety and Environment plan for site operation by subcontractor “at BHEL- PSNR- Sites” as detailed in vide document no. HSEP: 14 REV:00 dated 12.08.2014 issued by PSNR are accepted (Copy enclosed).
3. Activity- wise percentage breakup has been indicated against each activity in the scope of work as per Annexure –‘A’. In case of reduction in quantum of work at site, payment shall be released only for the activities actually carried out as per the percentage allotted.
4. Even though offer has been given for a particular unit, it is valid for any Unit of same rating in the same Power House, provided there is no change in activities listed in scope of work.
5. Use of all necessary safety appliances by all the staff/ workmen deployed for execution of work will be ensured. If during surprise checks done by BHEL any non-compliance is observed penalty of RS 500/= (five hundred) may be imposed for each case on each occasion of surprise check.
6. It is certified that all statutory requirements including but not limited to payment of wages, deposition EPF, Labour Licence, Insurance etc. governed by the provisions of applicable acts shall be our liability without any extra cost to BHEL. Further without limiting obligations and liabilities provided elsewhere in the contract, BHEL shall be kept harmless and indemnified against all claims, damages and compensations, as well as breach of such requirements. Release of progressive payments shall be subject to, inter alia, compliance to such statutory requirements.
7. If there is mismatch between price given in figures and in words BHEL shall have right to accept maximum of the two for evaluation, and minimum of the two for award.
8. There are no deviations from the NIT and all Terms & Conditions of NIT including those given in “general & special conditions of contract (GSCC) – for Services jobs” on the web page <http://psnr.bhel.in/> ( vendor area) in of BHEL PSNR are accepted.

**Sign of contractor:** \_\_\_\_\_

**Date:**

**Seal**

**ANNEXURE C**

<b><u>UN-PRICE BID FORMAT</u></b>			
<b>SUBJECT: ERECTION &amp; COMMISSIONING OF C&amp;I SYSTEM FOR ADVANCED ULTRA SUPER CRITICAL (AUSC) BOILER FIRE SIDE CORROSION TEST RIG (FSCTR) TEST LOOPIN UNIT#3, 210 MW AT NCPS DADRI SITE (NTPC)”(C&amp;I WORKS)</b>			
<b>Tender No. : NDA/DADRI/AUSC-CNI/18_031</b>		<b>Dated: 22/06/2018</b>	
NAME & ADDRESS	:		
OFFER NO.	:		
OFFER DATE	:		
<b>Rates are quoted as below and are exclusive of GST &amp; Evaluation of L-1 bidder shall also be done exclusive taxes.</b>			
<b>A. Mandatory Works</b>			
1	Lumpsum (LS) price for the entire scope of work as per Annexure-A (inclusive of all consumables, input materials and supervision)	:	(Amount In Figure) Rs. :
			(Amount in Words) Rupees :
2	Extra work rate on per man-hour basis (inclusive of supervision, T&P, consumables and all other costs)	:	Rs. 60.0 Only
<b>Note: Price is to be quoted in ABC PROCURE Portal</b>			

**Sign of contractor:** \_\_\_\_\_

**Date:**

**Seal**

**IMPORTANT NOTES TO VENDOR**

This is an E-tender floated online through our E-Procurement Site <https://bhel.abcprocure.com/EPROC/>. The bidder should respond by submitting their offer online only in our e-Procurement platform at <https://bhel.abcprocure.com/EPROC/>. Offers are invited in two-parts only. No Hard copy bid or bids through email/ fax shall be accepted. Bids are invited in two parts & shall be submitted as described below:

OFFER DESCRIPTION	DOCUMENTS TO BE UPLOADED & MODALITY OF UPLOADING DOCUMENTS
PART-A TECHNICAL BID	<ol style="list-style-type: none"> <li>1. <b>Annexure-E and s relevant documents inclusive of work order and work completion certificate, audited financial statements etc in the respective annexures is to be uploaded as Techno-commercial Bid part-I through EPS.</b></li> <li>2. <b>No other document is required to be uploaded.</b></li> <li>3. Any other supporting documents/ Annexures etc., as applicable (To be attached in Attachment section).</li> </ol>
PRICE BID	Price is to be entered in EPS Portal only.
NOTE:	<ol style="list-style-type: none"> <li>1. All PQR documents except price bid to be attached must be signed &amp; stamped in each page by authorized representative of the bidder.</li> <li>2. Any other document uploaded in the price bid, as per tender format, shall not be taken into cognizance for evaluation of offer.</li> <li>3. Tenders shall be uploaded with all relevant PDF/zip format. The relevant tender documents should be uploaded by an authorized person having Class 3- SHA2- 2048 BIT-SIGNING &amp; ENCRYPTION digital signature certificate (DSC).</li> </ol>

**BHEL has finalized the e-procurement service Provider. You may contact the following officials for any assistance:**

Name	Contact Nos.	e-mail ID	Role
Swapnil Hamilton	+91 79 40270549	<a href="mailto:swapnil.h@eptl.in">swapnil.h@eptl.in</a>	Support Executive
Hardik Oza	+91 79 40270560	<a href="mailto:Hardik.oza@eptl.in">Hardik.oza@eptl.in</a>	Support Executive
Ankur Bhatt	+91 79 40270590	<a href="mailto:ankur.bhatt@eptl.in">ankur.bhatt@eptl.in</a>	Support Executive
Prashant Rajyaguru	+91 79 40270545 / 9016859416	<a href="mailto:prashant@eptl.in">prashant@eptl.in</a>	Asst. Manager – Implementation & Support
Dharam Rathod	+91 79 40270596 / 9374519754	<a href="mailto:dharam@eptl.in">dharam@eptl.in</a>	Manager – Implementation & Support
Pradip Parmar	+91 79 40270532 / 9328657215	<a href="mailto:pradip@eptl.in">pradip@eptl.in</a>	Sr Manager – Implementation & Support
Devang Patel	+91 79 40270576 / 99983 05442	<a href="mailto:devang@eptl.in">devang@eptl.in</a>	Sr Manager – Implementation & Support

**TECHNO-COMMERCIAL BID CUM NO DEVIATION CERTIFICATE**

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With reference to above subject tender following are certified that:

1. I am the authorised person for the submitting the offer on behalf of M/s\_\_\_\_\_
2. I have gone through the complete tender documents and read all terms & conditions mentioned in NIT, Scope of work (Annexure-A), Techno-Commercial Bid(Annexure-B), Price Bid (Annexure-C), Important notes to Vendor (Annexure-D), GSCC and accepted the same. **There are no deviations from these conditions.**
3. Please tick one of the following:
  - I have already deposited the required amount of EMD against subject tender vide reference no. \_\_\_\_\_ **OR**
  - Our one time EMD of Rs. 5, 00,000/- is available with SAS Noida
4. I am well aware about the site conditions and the quantum of work involved and only after that I have quoted my most competitive price against entire scope of work.
5. I hereby certify that notwithstanding any contrary indications / conditions elsewhere in our offer documents, I/we have neither set any terms and conditions nor there is any deviation taken from the conditions of BHEL's tender specifications, either technical or commercial, and I/we agree to all the terms and conditions mentioned in BHEL's tender specification with associated annexure, amendments & clarifications.

**Sign of contractor:** \_\_\_\_\_

**Date:**

**Seal**

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**NAME AND DESIGNATION OF OFFICERS WHO WILL RECEIVE THE TENDER DOCUMENT**

**MR. M.K. BHATNAGAR**

**AGM (S) / RSM - NOIDA  
BHEL – RSC - NOIDA  
4TH FLOOR, PLOT NO - 7  
ADVANT NAVIS BUSINESS PARK  
SECTOR -142 NOIDA EXPRESS WAY  
NOIDA 201305  
Phone: 0120- 6748105,  
MOBILE : 09463999545  
E-MAIL : [mkb@bhel.in](mailto:mkb@bhel.in)**

**MR. S S Mehta**

**Sr. Manager / HEAD (SCT & COMML.)  
BHEL-RSC-NOIDA,  
4TH FLOOR, PLOT NO. 7,  
ADVANT NAVIS BUSINESS PARK,  
SECTOR-142, NOIDA EXPRESS WAY,  
NOIDA - 201305.  
Phone: 0120-6748379  
MOBILE : 9650086122  
E-MAIL : [ssm@bhel.in](mailto:ssm@bhel.in)**

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### **DETAIL OF ONE TIME EMD**

1. EMD for subject tender is Rs. 45,108/- However One time EMD shall be Rs.5,00,000/- ( Rs. Five Lakh only)
2. EMD may be submitted in following way
  - A) Demand Draft ( DD) of Rs. 45,108/- ( for subject tender ) / Rs. 5,00,000/- (One time EMD) in favour of “BHEL NOIDA”
  - B) Electronic Fund Transfer credited in BHEL account (before tender opening)  
For NEFT detail is as given below,
    - i) Beneficiary Name : Bharat Heavy Electricals Limited
    - ii) Bank Name: State Bank of India
    - iii) Branch : CAG Branch, Jawahar Vyapar Bhavan Tolstoy Marg
    - iv) MICR Code: 110002201
    - v) Account No.: 00000010813608647
    - vi) IFSC Code : SBIN0009996
    - vii) E-Mail ID: [kalpak@bhel.in](mailto:kalpak@bhel.in) , [skmall@bhel.in](mailto:skmall@bhel.in)