



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

( भारत सरकार का उपक्रम )

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Govt. of India Undertaking)

TCN - 06

Ref: PSER:SCT:KLN-M1864:TCN-06

Date: 02-01-2018

Sub	Tender Change Notice (TCN) - 06.	
Job	Design, Engineering, Manufacturing, Supply, Erection, Commissioning etc. of Water Treatment Plant Packages for 2x660 MW Maitree STPP, Rampal, Bangladesh.	
Ref	1.0	Tender no PSER:SCT:KLN-M1864:17.
	2.0	BHEL's NIT, vide reference no PSER:SCT:KLN-M1864:6286 Date: 21-11-2017.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:KLN-M1864:TCN-01 Date: 08-12-2017.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:KLN-M1864:TCN-02 Date: 12-12-2017.
	5.0	BHEL's TCN-03, vide reference no PSER:SCT:KLN-M1864:TCN-03 Date: 18-12-2017.
	6.0	BHEL's TCN-04, vide reference no PSER:SCT:KLN-M1864:TCN-04 Date: 23-12-2017.
	7.0	BHEL's TCN-05, vide reference no PSER:SCT:KLN-M1864:TCN-05 Date: 26-12-2017.
	8.0	Other References, if any.

With reference to above, following points/ documents, relevant to tender, may please be noted and complied with while submitting offer.

- 1) Revised PRE QUALIFICATION CRITERIA (R-01) (ANNEXURE-1) attached, superseding previous criteria issued along with NIT.
- 2) Due date of submission of offer is extended from 05-01-2018 to **15-01-2018 (15-00 hrs)**. Bidders are requested to submit their offer by extended due date positively.
- 3) Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
- 4) All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,  
for BHARAT HEAVY ELECTRICALS LTD

Sr.Engineer (SCT)

Encl: As Above.

पावर सेक्टर पूर्वी क्षेत्र ( मुख्यालय )

POWER SECTOR EASTERN REGION, DJ-9/1, SECTOR-II, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : (033) 2339-8000/ 2339 8236

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**ANNEXURE – 1 (R-01)**

**PRE QUALIFICATION CRITERIA**

JOB	Design, Engineering, Manufacturing, Supply, Erection, Commissioning etc. of Water Treatment Plant Packages for 2x660 MW Maitree STPP, Rampal, Bangladesh.
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SL. NO.	PRE-QUALIFICATION REQUIREMENT (PQR)
1.0	<p><b>FINANCIAL CRITERIA</b></p> <p>BIDDER SHOULD HAVE AVERAGE MINIMUM ANNUAL FINANCIAL TURNOVER OF <b>INR 15.25 CRORE</b> OR EQUIVALENT AMOUNT* DURING THE LAST 3 (THREE) YEARS, ENDING ON 31-03-2017 OR CORRESPONDING FINANCIAL YEAR FOLLOWED BY THE BIDDER.</p> <p>BIDDER SHOULD SUBMIT THEIR AUDITED BALANCE SHEET AND PROFIT &amp; LOSS ACCOUNT IN SUPPORT OF THE SAME.</p> <p>IN CASE AUDITED BALANCE SHEET AND PROFIT &amp; LOSS ACCOUNT HAS NOT BEEN SUBMITTED FOR ALL 3 YEARS INDICATED ABOVE THEN THE APPLICABLE FINANCIAL 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>
2.0	<b>TECHNICAL CRITERIA</b>
2.1	<p><b>PRE-TREATMENT PLANT (PTP) &amp; EFFLUENT TREATMENT PLANT (ETP)</b></p> <p>BIDDER SHOULD HAVE DESIGNED, SUPPLIED, ERECTED AND COMMISSIONED AT LEAST THREE (3) NUMBERS WATER/ WASTE WATER TREATMENT PLANTS, EACH WITH A MINIMUM CAPACITY EQUIVALENT TO A PULVERIZED COAL FIRED POWER GENERATING PLANT OF MINIMUM 500 MW UNIT SIZE SHOULD HAVE BEEN IN SUCCESSFUL OPERATION NOT LESS THAN TWO (2) YEARS PRIOR TO 22.09.2015.</p>
2.2	<p><b>CW TREATMENT PLANT (CWTP)</b></p> <p>BIDDER OR HIS SUB-VENDOR SHOULD HAVE EXECUTED CONTRACT FOR COOLING WATER TREATMENT PROGRAMME OF AT LEAST ONE (1) COOLING WATER SYSTEM HAVING A FLOW RATE NOT LESS THAN 10,000 M3/HR OPERATING IN ALKALINE PH RANGE AND THE TREATMENT PROGRAM SHOULD HAVE BEEN IN SUCCESSFUL OPERATION FOR AT LEAST ONE (1) YEAR. THIS CONTRACT SHOULD INCLUDE SUPPLY OF CHEMICALS, OPERATION AND MAINTENANCE OF THE SYSTEM. THE CHEMICALS USED IN THIS PROGRAMME SHOULD HAVE BEEN ORGANIC POLYMERS/ORGANIC PHOSPHOROUS COMPOUNDS/ORGANIC PHOSPHATES BASED CHEMICALS.</p>
2.3	<p><b>GAS CHLORINATION PLANT (GCP)</b></p> <p>BIDDER OR HIS SUB-VENDOR SHOULD HAVE CAPABILITIES FOR DESIGN/ MANUFACTURE AND HAVING IN-HOUSE/ OUT-SOURCED FACILITY FOR TESTING OF GAS</p>

	<p>CHLORINATION PLANT.</p> <p>GAS CHLORINATION PLANT SHALL BE OF MINIMUM CAPACITY OF 75 KG/ HR. COMPRISING OF CHLORINATOR, EVAPORATOR, EJECTOR AND LEAK ABSORPTION SYSTEM.</p>
2.4	<p><b>SOLID WASTE MANAGEMENT (SWM)</b></p> <p>BIDDER OR HIS SUB-VENDOR SHOULD HAVE CAPABILITIES FOR DESIGN/ MANUFACTURE AND HAVING IN-HOUSE/ OUT-SOURCED FACILITY FOR TESTING OF SOLID WASTE MANAGEMENT EQUIPMENT.</p> <p>SOLID WASTE MANAGEMENT SHALL BE OF MINIMUM CAPACITY OF 2.5 TON/ DAY COMPRISING OF COMPOSTING/ LAND FILLING/ COLLECTION/ SEGREGATION AND OPERATION IN THE SAME SOLID WASTE MANAGEMENT.</p>
2.5	<p><b>SEWAGE TREATMENT PLANT (STP)</b></p> <p>BIDDER OR HIS SUB-VENDOR SHOULD HAVE CAPABILITIES FOR DESIGN/ MANUFACTURE AND HAVING IN-HOUSE/ OUT-SOURCED FACILITY FOR TESTING OF MBR BASED SEWAGE TREATMENT PLANT.</p> <p>MBR BASED SEWAGE TREATMENT PLANT SHALL BE OF MINIMUM CAPACITY OF 390 M3/ DAY.</p>

**NOTE:**

A	<p>BIDDER HAS TO SUBMIT FOLLOWING SUPPORTING DOCUMENTS MEETING ABOVE MENTIONED PRE-QUALIFYING REQUIREMENTS FOR <b>PTP &amp; ETP</b>:</p> <p>COPY OF PERFORMANCE CERTIFICATES OF EACH WATER/ WASTE WATER TREATMENT PLANTS IN ENGLISH FROM END USER ALONG WITH COPY OF RELATED PURCHASE ORDERS (POS) OR LETTERS OF INTENT (LOIs) OR LETTERS OF AWARD (LOAs) OR WORK ORDERS (WOs) SPECIFYING THAT THE PRODUCT/ EQUIPMENT IS RUNNING SUCCESSFULLY FOR TWO (2) YEARS FROM DATE OF COMMISSIONING MEETING THE MINIMUM PRE-QUALIFYING REQUIREMENTS SPECIFIED ABOVE.</p>
B	<p>BIDDER HAS TO SUBMIT FOLLOWING SUPPORTING DOCUMENTS MEETING ABOVE MENTIONED PRE-QUALIFYING REQUIREMENTS EACH FOR CW TREATMENT PLANT, GAS CHLORINATION PLANT, SOLID WASTE MANAGEMENT AND SEWAGE TREATMENT PLANT:</p> <p><b>I.</b> COPY OF MINIMUM ONE (1) PERFORMANCE CERTIFICATE IN ENGLISH FROM END USER ALONG WITH COPY OF RELATED PURCHASE ORDER (PO) OR LETTER OF INTENT (LOI) OR LETTER OF AWARD (LOA) OR WORK ORDER (WO) SPECIFYING THAT THE SYSTEM/PACKAGE IS RUNNING SUCCESSFULLY FOR ONE (1) YEAR FROM DATE OF COMMISSIONING MEETING THE MINIMUM PRE-QUALIFYING REQUIREMENT.</p> <p style="text-align: center;">“OR”</p> <p>MINIMUM ONE PO/ LOI /LOA/ WO AFTER COMMISSIONING OF FIRST ORDER FROM SAME PURCHASER MEETING THE MINIMUM PRE-QUALIFYING REQUIREMENT.</p> <p style="text-align: center;">“OR”</p> <p>IN CASE, VENDOR HAS EXECUTED CONTRACT (S) FOR BHEL-PEM, INTERNAL ASSESSMENT BY BHEL-PEM SHALL BE FOLLOWED FOR EVALUATION FOR SATISFACTORY PERFORMANCE. FOR THIS, VENDOR TO SUBMIT THE REQUEST ALONG-WITH RELEVANT DOCUMENTS.</p> <p style="text-align: center;">“OR”</p> <p>MINIMUM THREE CUSTOMER'S/ THIRD PARTY'S INSPECTION REPORTS/ TEST</p>

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	<p>CERTIFICATES/COMMISSIONING CERTIFICATES MEETING THE MINIMUM PRE-QUALIFYING.</p> <p>II. MINIMUM TWO (2) NOS. PURCHASE ORDERS EACH FOR CW TREATMENT PLANT, GAS CHLORINATION PLANT, SOLID WASTE MANAGEMENT AND SEWAGE TREATMENT PLANT SHALL BE SUBMITTED WHICH SHOULD NOT BE MORE THAN TWENTY (20) YEARS OLD AS ON DATE OF BID SUBMISSION, FOR ESTABLISHING CONTINUITY IN BUSINESS.</p>
C	BIDDER SHOULD NECESSARILY MEET PRE-QUALIFICATION REQUIREMENTS FOR PRE-TREATMENT PLANT AND EFFLUENT TREATMENT PLANT MENTIONED ABOVE AT SL. NO. 2.1 BY HIMSELF AND SUBMIT THE REQUIRED DOCUMENTS AS PER NOTE- A WITH THE BID FOR MEETING PRE-QUALIFICATION.
D	IN CASE, BIDDER MEETS PRE-QUALIFICATION MENTIONED AT SL. NO. 2.1 AND ALSO MEETS PQR FOR CWT AND/ OR GAS CHLORINATION AND/ OR SOLID WASTE MANAGEMENT AND/ OR SEWAGE TREATMENT PLANT, BIDDER SHALL SUBMIT THE RELEVANT DOCUMENTS STIPULATED AT NOTE-B IN COMPLIANCE TO SL. NO. 2.2, 2.3, 2.4 & 2.5 RESPECTIVELY FOR MEETING PQR FOR WATER TREATMENT PACKAGE ALONG WITH THE BID.
E	IN CASE BIDDER IS NOT MEETING PQR OF CWT AND/ OR GAS CHLORINATION AND/ OR SOLID WASTE MANAGEMENT AND/ OR SEWAGE TREATMENT PLANT, BIDDER SHALL EXECUTE THE WORK OF CWT AND/ OR GAS CHLORINATION AND/ OR SOLID WASTE MANAGEMENT AND/ OR SEWAGE TREATMENT PLANT FROM SUCH SUB VENDOR(S) WHO MEET THE PQ REQUIREMENTS STIPULATED AT CLAUSE NO 2.2 &/OR 2.3 &/OR 2.4 &/OR 2.5. BIDDER SHALL SUBMIT A DULY NOTARISED AFFIDAVIT ALONG WITH HIS BID STATING THAT BIDDER WOULD PROPOSE A SUB VENDOR WHO MEETS THE PQ REQUIREMENTS STIPULATED AT CLAUSE NO 2.2 &/OR 2.3 &/OR 2.4 &/OR 2.5 AFTER AWARD OF CONTRACT FOR BHEL/CUSTOMER'S ACCEPTANCE, IN CASE JOB IS AWARDED, WITHOUT ANY IMPLICATION. ALL THE PQR RELATED DOCUMENTS SHALL BE PROVIDED BY BIDDER IN LINE WITH 'NOTE-B' ABOVE AND GOT APPROVED FROM BHEL/CUSTOMER. ANY OTHER DOCUMENT WHICH ARE NOT MENTIONED UNDER NOTE B HOWEVER REQUIRED BY BHEL/CUSTOMER DURING SUB VENDOR APPROVAL SHALL BE PROVIDED BY BIDDER.
F	THREE DIFFERENT INSTALLATIONS MEANS THREE DIFFERENT PROJECT SITES OR THREE DIFFERENT CONTRACTS. THREE DIFFERENT SITE MEANS THREE DIFFERENT PROJECT SITES OR THREE DIFFERENT CONTRACTS AT SAME PROJECT SITE.
G	BHEL MAY ASK FOR ADDITIONAL DOCUMENTS/VISIT TO BIDDER'S WORKS/ INSTALLATION TO SATISFY THEMSELVES FOR ESTABLISHING PROVENNESS CRITERIA.
H	BIDDER SHALL SUBMIT DESIGN DOCUMENTS TO SUBSTANTIATE TECHNICAL PARAMETERS SPECIFIED IN PQR, IF THE SAME IS NOT MENTIONED IN PERFORMANCE CERTIFICATE/PURCHASE ORDER.
I	IN CASE DOCUMENTS SUBMITTED FOR MEETING PQR ARE IN LANGUAGE OTHER THAN ENGLISH, NOTARIZED ENGLISH TRANSLATION SHALL ALSO BE SUBMITTED.
J	AFTER SATISFACTORY FULFILLMENT OF ALL THE ABOVE CRITERIA, OFFER SHALL BE CONSIDERED FOR FURTHER EVALUATION & PARTICIPATION AS PER NIT & OTHER TERMS OF THE TENDER, ALONG WITH ACCEPTANCE/ APPROVAL OF BIDDER BY THE CUSTOMER.
K	THE VENDOR SHOULD HAVE ACHIEVED THE CRITERIA SPECIFIED IN THE PRE-QUALIFICATION CRITERIA, EVEN IF THE CONTRACT HAS NOT BEEN COMPLETED OR

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	CLOSED.
L	THE PROJECT IS FUNDED BY THE EXIM BANK OF INDIA. IN ACCORDANCE WITH THE REQUIREMENT OF THE LENDER, THE BIDDER SHALL ENSURE, "GOODS AND SERVICES OF MINIMUM 75% OF THE CONTRACT VALUE MUST BE SOURCED FROM INDIA". BIDDER SHALL SUBMIT AN UNDERTAKING IN THE LETTERHEAD OF THE COMPANY ALONG WITH HIS BID STATING THAT THE BIDDER WILL MANDATORILY MEET THE ABOVE REQUIREMENT OF THE CONTRACT. ACCORDINGLY, COMPLIANCE OF THIS CONDITION DURING PROJECT EXECUTION WILL BE ASSESSED ON THE BASIS OF CERTIFICATE OF COUNTRY OF ORIGIN.
M	THOUGH CONSORTIUM / JV BIDDING IS NOT PERMITTED FOR THIS TENDER, BIDDER CAN ASSOCIATE SISTER CONCERN / DEALER/ ANY OTHER AGENCY, WHO IS REGISTERED IN BANGLADESH, TO CARRY OUT SERVICE PORTION UNDER THE SUPERVISION OF THE BIDDER FOR SUCCESSFUL COMPLETION OF THE PACKAGE. HOWEVER, THE ORDER FOR THE ENTIRE SCOPE OF WORK SHALL BE PLACED ON THE BIDDER.
N	* EQUIVALENT AMOUNT MEANS THAT IT IS THE CONVERTED RATES OF OTHER CURRENCY TO INR AS PER CURRENCY MATRIX.

**FORMAT FOR NO DEVIATION CERTIFICATE**  
**(To be submitted in the bidder's letter head)**

BHARAT HEAVY ELECTRICALS LIMITED,  
Power Sector - Eastern Region,  
Plot no 9/1, DJ Block, Sector – II, Salt Lake City,  
Kolkata – 700 091

Sub	No Deviation Certificate.	
Job	Design, Engineering, Manufacturing, Supply, Erection, Commissioning etc. of Water Treatment Plant Packages for 2x660 MW Maitree STPP, Rampal, Bangladesh.	
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	8.0	BHEL's TCN-06, vide reference no PSER:SCT:KLN-M1864:TCN-06 Date: 02-01-2018.
	9.0	All other pertinent issues till date.

Dear Sirs,

With reference to above, this is to confirm that as per tender conditions, we have visited site before submission of our offer and noted the job content & site conditions etc. We also confirm that we have not changed/ modified the tender documents as appeared in the website/ issued by you and in case of such observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification, integrity pact (if applicable) and acceptance to reverse auctioning process.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted/uploaded offer/documents in accordance with tender instructions with acceptance of the terms & conditions of the tender by us and as per aforesaid references.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized  
representative of the bidder)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION DJ-9/1, SECTOR-II, SALT LAKE CITY, KOLKATA - 700 091

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