



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 06

Ref: PSER:SCT:IEL-M2202:TCN-06

Date : 05-04-2023

Sub	Tender Change Notice (TCN) - 06.	
Job	Erection, Testing, Commissioning of BTG Package (Boiler, Turbine, Generator & Electrical- C&I package) at 1x120 MW IEL (TATA) Jamshedpur project, Jharkhand.	
Ref	1.0	Tender no. PSER:SCT:IEL-M2202:23
	2.0	BHEL's NIT, vide reference no. PSER:SCT:IEL-M2202:9753 Date: 09-03-2023.
	3.0	BHEL's TCN-01, vide reference no. PSER:SCT:IEL-M2202:TCN-01 Date: 17-03-2023.
	4.0	BHEL's TCN-02, vide reference no. PSER:SCT:IEL-M2202:TCN-02 Date: 20-03-2023.
	5.0	BHEL's TCN-03, vide reference no. PSER:SCT:IEL-M2202:TCN-03 Date: 27-03-2023.
	6.0	BHEL's TCN-04, vide reference no. PSER:SCT:IEL-M2202:TCN-04 Date: 01-04-2023.
	7.0	BHEL's TCN-05, vide reference no. PSER:SCT:IEL-M2202:TCN-05 Date: 03-04-2023.
	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 the offer.

1. ANNEXURE-1: PRE QUALIFICATION CRITERIA, REV-01 is attached superseding ANNEXURE-1: PRE QUALIFICATION CRITERIA issued earlier along with NIT. Bidder shall quote their offer accordingly.
2. Clause no. 1.0 vii (Salient Features of NIT) EMD amount, is revised as under:

SL NO	ISSUE	DESCRIPTION	
vii	EMD AMOUNT	Rs. 5,00,000/-	Applicable

3. Due date of submission of offer is extended from 10-04-2023 to **17-04-2023 (13-00 hrs. IST)**.
4. Revised 'No deviation certificate' is attached. Bidder to submit 'No deviation certificate' as per attached format only.
5. All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD.

Sr. Manager / (SCT)

Encl.: As Above.

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

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

फैक्स/Fax : (033) 23211960

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

PRE QUALIFICATION CRITERIA, REV-01

JOB	Erection, Testing, Commissioning of BTG Package (Boiler, Turbine, Generator & Electrical- C&I package) at 1x120 MW IEL (TATA) Jamshedpur project, Jharkhand.
TENDER NO	PSER:SCT:IEL-M2202:23

SL NO.	CRITERIA
1.0 (a)	BIDDER SHOULD HAVE AVERAGE MINIMUM ANNUAL FINANCIAL TURNOVER OF Rs 954.23 LAKH DURING THE LAST THREE (3) FINANCIAL YEARS ENDING ON 31.03.2022 AND SHOULD HAVE POSITIVE NET WORTH ON LATEST AUDITED ACCOUNTS AS SUBMITTED FOR PARA 1(c).
(b)	BIDDER MUST HAVE EARNED PROFIT IN ANY ONE OF THE LAST THREE (3) FINANCIAL YEARS ENDING ON 31.03.2022. AUDITED BALANCE SHEET AND PROFIT & LOSS ACCOUNT OF THE COMPANY FOR LAST THREE (3) FINANCIAL YEARS ENDING ON 31.03.2022, NEED TO BE SUBMITTED IN SUPPORT OF ABOVE.
(c)	IN CASE AUDITED BALANCE SHEET AND PROFIT & LOSS ACCOUNT HAS NOT BEEN SUBMITTED FOR ALL THREE YEARS INDICATED ABOVE, THEN APPLICABLE FINANCIAL AUDITED STATEMENTS SUBMITTED BY THE BIDDER AGAINST THE REQUISITE THREE YEARS WILL BE AVERAGED FOR THREE YEARS.
(d)	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.
2.1	BIDDER SHOULD HAVE EXECUTED ONE BOILER CONSISTING OF "PRESSURE PARTS", "STRUCTURE", AND "POWER CYCLE PIPING" (OF THE SAME/DIFFERENT UNIT OF RATING $\geq$ 60 MW AS STAND ALONE BIDDER) DURING LAST 7 (SEVEN) YEARS, ENDING ON LATEST DUE DATE OF SUBMISSION OF OFFER. RELEVANT DOCUMENT IN SUPPORT OF ABOVE SHALL BE SUBMITTED BY BIDDER.
2.2	BIDDER SHOULD HAVE EXECUTED ANY ONE OF THE FOLLOWINGS: (a) EXECUTED ONE STG OF RATING $\geq$ 60 MW DURING LAST 7 (SEVEN) YEARS, ENDING ON LATEST DUE DATE OF SUBMISSION OF OFFER OR (b) EXECUTED ONE GTG OF RATING $\geq$ 30 MW DURING LAST 7 (SEVEN) YEARS, ENDING ON LATEST DUE DATE OF SUBMISSION OF OFFER OR (c) BIDDER WILL SUBMIT CONSORTIUM AGREEMENT WITH AN AGENCY WHO HAS EXECUTED ONE STG OF RATING $\geq$ 60 MW DURING LAST 7 (SEVEN) YEARS, ENDING ON LATEST DUE DATE OF SUBMISSION OF OFFER RELEVANT DOCUMENT IN SUPPORT OF ABOVE SHALL BE SUBMITTED BY BIDDER.
3.0	BIDDER AND CONSORTIUM PARTNER (IF APPLICABLE) SHOULD HAVE VALID PAN. RELEVANT DOCUMENT IN SUPPORT OF ABOVE SHALL BE SUBMITTED BY BIDDER AND CONSORTIUM PARTNER (IF APPLICABLE)

PRE QUALIFICATION CRITERIA, REV-01

	GENERAL NOTE
1.0	'EXECUTED' MEANS ACHIEVEMENT OF MILESTONES AS DEFINED BELOW: "BOILER LIGHT UP" IN RESPECT OF BOILER. BOILER MEANS HRSG OR WHRB OR ANY OTHER TYPES OF STEAM GENERATOR. "SYNCHRONISATION" IN RESPECT OF STG / GTG.
2.0	IN CASE OF CONSORTIUM BIDDING, FOLLOWING POINTS SHALL BE COMPLIED: RELEVANT SUPPORTING DOCUMENT SHALL BE SUBMITTED.
(a)	THE PRIME BIDDER AND CONSORTIUM PARTNER ARE REQUIRED TO ENTER IN TO A CONSORTIUM AGREEMENT WITH A VALIDITY PERIOD OF SIX MONTHS INITIALLY & CERTIFY TO BHEL REGARDING EXISTENCE AND VALIDITY OF THEIR CONSORTIUM AGREEMENT IN LINE WITH VALIDITY PERIOD MENTIONED IN NIT.
(b)	PRIME BIDDER SHALL BE THE BIDDER WHO HAS A MAJOR SHARE OF WORK. PRIME BIDDER AND CONSORTIUM PARTNER SHALL TOGETHER COMPLY WITH THE PRE-QUALIFICATION CRITERIA SPECIFIED FOR THE RESPECTIVE CATEGORY OF TECHNICAL CRITERIA.
(c)	NUMBER OF PARTNERS INCLUDING PRIME BIDDER SHALL NOT MORE THAN TWO (02).
(d)	PRIME BIDDER AND CONSORTIUM PARTNER SHALL BE APPROVED BY CUSTOMER FOR BEING CONSIDERED FOR THE TENDER.
(e)	PRIME BIDDER SHALL BE RESPONSIBLE FOR OVERALL EXECUTION OF THE CONTRACT.
(f)	PERFORMANCE SHALL BE EVALUATED FOR PRIME BIDDER AND THE CONSORTIUM PARTNER FOR THEIR RESPECTIVE SCOPE OF WORK.
(g)	IN CASE THE CONSORTIUM PARTNER BACKS OUT, ANOTHER CONSORTIUM PARTNER MEETING THE AFORESAID PERTINENT QUALIFYING CRITERIA, HAS TO BE ENGAGED BY PRIME BIDDER AND IF NOT, THE RESPECTIVE WORK WILL BE WITHDRAWN AND EXECUTED AT THE RISK & COST BASIS OF THE PRIME BIDDER.
(h)	IN CASE PRIME BIDDER WITHDRAWS OR INSOLVENCY/LIQUIDATION/WINDING UP PROCEEDINGS HAVE BEEN INITIATED /ADMITTED AGAINST THE PRIME BIDDER, BHEL RESERVES THE RIGHT TO CANCEL, TERMINATE OR SHORT CLOSE THE CONTRACT OR TAKE ANY OTHER ACTION TO SAFEGUARD BHEL'S INTEREST IN THE PROJECT/CONTRACT.
(i)	THE CONSORTIUM PARTNER SHALL SUBMIT SD EQUIVALENT TO 1% OF THE TOTAL CONTRACT VALUE IN ADDITION TO THE SD TO BE SUBMITTED BY THE PRIME BIDDER FOR THE TOTAL CONTRACT VALUE. HOWEVER, PRIME BIDDER HAS ALSO OPTION FOR SUBMISSION OF SD ON BEHALF OF CONSORTIUM PARTNER. SD SUBMITTED BY CONSORTIUM PARTNER MAY BE RELEASED IN CASE CORRESPONDING SCOPE OF WORK OF THE CONSORTIUM PARTNER HAS BEEN COMPLETED UPTO THE EXTENT OF 80% BASED ON CERTIFICATION BY CONSTRUCTION MANAGER AND CONCURRENCE BY THE PRIME BIDDER.
3.0	AFTER SATISFACTORY FULFILLMENT OF ALL THE ABOVE CRITERIA, OFFER SHALL BE CONSIDERED FOR FURTHER EVALUATION AS PER NIT AND ALL OTHER TERMS OF THE TENDER, SUBJECT TO CUSTOMER'S APPROVAL [INCLUDING CONSORTIUM PARTNER]

PRE QUALIFICATION CRITERIA, REV-01

Explanatory Notes for the PQR (unless otherwise specified in the PQR):

1. Bidder to submit Audited Balance Sheet and Profit and Loss Account for the respective years as indicated along with all annexures.
2. In case audited Financial statements have not been submitted for all the three years as indicated, then the applicable audited statements submitted by the bidders against the requisite three years, will be averaged for three years i.e total divided by three.
3. 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. Net worth = Paid up share capital + Reserves.
4. PROFIT shall be PBT earned during any one year of last three financial years.
5. 'Additional' Criteria in respect of 'Technical' criteria of PQR for Civil, Electrical, CI, unless otherwise specified:
 - i) 'Similar' work means
 - a. Piling or Civil or Structure or 'Civil and Structural works' or RCC Chimney or RCC Cooling Tower or RCC Silo or Mill Bunker or any combination of these shall be considered similar works for all packages mentioned under 'CIVIL WORKS'
 - b. Electrical or C&I or 'Electrical and C&I' shall be considered similar works for all packages mentioned under 'ELECTRICAL AND C&I WORKS'
6. For evaluation of PQR of Civil, Electrical and C&I packages, in case Bidder alone does not meet the 'Additional' pre-qualifying technical criteria, bidder may utilize the experience of its Parent/ Subsidiary Company along with its own experience, subject to following:
 - a. The parent company shall have a controlling stake of $\geq 50\%$ in the subsidiary company (as per Format-1).
 - b. The Parent Company/ Subsidiary Company of which experience is being utilized for bidding shall submit Security Deposit(SD) equivalent to 1% of the total contract value.
 - c. The parent/ subsidiary company and bidder shall provide an undertaking that they are jointly or severally responsible for successful performance of the contract (as per Format-2).
 - d. In case Bidder is submitting bid as a Consortium Partner, option of utilizing experience of parent/subsidiary Company can be availed by Prime Bidder only.
 - e. Parent Company/ Subsidiary Company of which experience is being used for bidding, cannot participate as a 'Standalone Bidder' or as a 'Consortium bidder'.
7. Completion date for achievement of the technical criteria specified in the Common QR should be in the last 7 years ending on the 'latest date of Bid Submission' of Tender irrespective of date of the start of work. Completion date shall be reckoned from the "FY quarter of bid submission".
(for e.g. – Work completed on 01.01.2014 shall be considered even if latest due date of bid submission is 20.03.2021)
8. 'EXECUTED' means the bidder should have achieved the criteria specified in the Technical criteria of PQR even if the Contract has not been completed or closed
9. 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.
10. Unless otherwise specified, for the purpose of "Technical Criteria" of PQR, the word 'EXECUTED' means achievement of milestones as defined below -
 - "ACHIEVEMENT OF PHYSICAL QUANTITIES" as per PQRs.
 - "READINESS FOR COAL FILLING" of at least one Bunker, in respect of Mill Bunker Structure.
 - "CHARGING" in respect of Transformers/ "Switchgears" / "Cabling".
 - For C&I works: "SYNCHRONISATION" in case of power project / "WORK EXECUTION" in case of industry.
 - "BOILER LIGHT UP" in respect of Boiler / CFBC / ESP.
 - "CHARGING OF ATLEAST ONE PASS" in respect of ESP(R&M)
 - "GAS IN" in respect of HRSG.

PRE QUALIFICATION CRITERIA, REV-01

- "STEAM BLOWING" in respect of Power Cycle Piping.
- "HYDRAULIC TEST"/ ANY OTHER EQUIVALENT TEST LIKE "100% RT/UT OF WELDED JOINTS" of the system in respect of Pressure parts/ LP Piping/CW Piping.
- "FULL LOAD OPERATION OF THE UNIT" in respect of Insulation work.
- "SYNCHRONISATION" in respect of STG / GTG.
- "SPINNING" in respect of HTG.
- "GAS IN" in respect of FGD

11. Boiler means HRSG or WHRB or any other types of Steam Generator

12. Power Cycle piping means Main Steam, Hot Reheat, Cold Reheat, HP Bypass

13. 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, where ever 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.

14. 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-

$$P = R + 0.425 \times R \times \frac{(X_N - X_0)}{X_0} + 0.425 \times R \times \frac{(Y_N - Y_0)}{Y_0}$$

Where

P = Updated value of work

R = Value of executed work

X_N = All India Avg. Consumer Price index for industrial workers for three months prior to the month of latest due date of bid submission (e.g. If latest bid submission date is 02-Mar-17, then bid submission month shall be reckoned as March'17 and index for Dec'2016 shall be considered).

X_0 = All India Avg. Consumer Price index for industrial workers for last month of work execution

Y_N = Monthly Whole Sale Price Index for All Commodities for three months prior to the month of latest due date of bid submission (e.g. If latest bid submission date is 02-Mar-17, then bid submission month shall be reckoned as March'17 and index for Dec'2016 shall be considered).

Y_0 = Monthly Whole Sale Price Index for All Commodities for last month of work execution

15. Bidder must not be under Bankruptcy Code Proceedings (IBC) by NCLT or under Liquidation / BIFR, which will render him ineligible for participation in this tender, and shall submit undertaking to this effect.

16. Credentials submitted by the bidder against "PRE QUALIFYING CRITERIAS" shall be verified for its authenticity. In case, any credential (s) is/are found unauthentic, offer of the bidder is liable to the rejection. BHEL reserves the right to initiate any further action as per extant guidelines for Suspension of Business Dealings.

PRE QUALIFICATION CRITERIA, REV-01

Format-1 /PQ Explanatory Note

Certificate for relationship between Parent Company / Subsidiary Company and the bidder

To,
.....
.....

Dear Sir,

Sub: Bid for NIT Nodated..... for “.....” (name of the tender).

We hereby certify that M/s..... is Parent Company/ Subsidiary Company of M/s.....(the bidder) and details of equity holding of the Parent Company in Subsidiary Company as on(not earlier than seven days prior to the Bid Submission Date) are given as below:

Name of Parent Company	Name of Subsidiary Company	Percentage of Equity Holding of Parent Company in Subsidiary Company

(Insert Name and Signature of Statutory Auditor or practicing Company Secretary of the Bidder)

PRE QUALIFICATION CRITERIA, REV-01

Format-2 /PQ Explanatory Note

Undertaking from the Parent Company/ Subsidiary Company of the bidder
(On the Letter Head of Parent Company/ Subsidiary Company, as applicable)

From,
Name:
Full Address:

Telephone No.:
E-mail address:
Fax/No.:

To,
.....
.....

Dear Sir,

We refer to the NIT No.....dated..... for “.....” (name of the Tender).

“We have carefully read and examined in detail the NIT/Tender Terms and Conditions, including in particular, Clause of the NIT/Tender, regarding submission of an Undertaking, as per the prescribed Format 1 of the NIT/ Tender.

We confirm that M/s..... (the Bidder) has been authorized by us to use our Technical capability for meeting the Technical Criteria as specified in Clause.....of the PQR of the NIT/Tender referred above.

We agree to submit the Security Deposit equivalent to 1% of the total contract value in addition to Security Deposit to be submitted by Bidder as per Clause.....of the NIT/Tender for fulfillment of all obligations in terms of provisions of the contract, in the event of(the Bidder) being selected as the Successful Bidder.

We confirm that we along with M/s.....(the bidder), are jointly or severally responsible for successful performance of the contract.

We confirm that our company shall not participate in the above tender as a ‘Standalone Bidder’ or as a ‘Consortium bidder’ and also shall not authorize any other bidder to use our Technical capability for the above tender.

All the terms used herein but not defined, shall have the meaning as ascribed to the said terms under the referred NIT/Tender.

Signature of Managing Director/Authorized signatory of Parent/ Subsidiary Company

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	Erection, Testing, Commissioning of BTG Package (Boiler, Turbine, Generator & Electrical- C&I package) at 1x120 MW IEL (TATA) Jamshedpur project, Jharkhand.	
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	5.0	BHEL's TCN-03, vide reference no. PSER:SCT:IEL-M2202:TCN-03 Date: 27-03-2023.
	6.0	BHEL's TCN-04, vide reference no. PSER:SCT:IEL-M2202:TCN-04 Date: 01-04-2023.
	7.0	BHEL's TCN-05, vide reference no. PSER:SCT:IEL-M2202:TCN-05 Date: 03-04-2023.
	8.0	BHEL's TCN-06, vide reference no. PSER:SCT:IEL-M2202:TCN-06 Date: 05-04-2023.
	9.0	All other pertinent issues till date.

Dear Sir/Madam,

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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