



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Govt. of India Undertaking)

TCN - 03

Ref: PSER:SCT:BAR-C1971:TCN-03

Date: 05-07-2019

Sub	Tender Change Notice (TCN) - 03.	
Job	Levelling grading, piling work including testing of piles and other associated works etc. of FGD system for Barh Stage-I (3x660 MW) & Stage-II (2x660 MW), STPP, Bihar.	
Ref	1.0	Tender no PSER:SCT:BAR-C1971:19.
	2.0	BHEL's NIT, vide reference no PSER:SCT:BAR-C1971:7593 Date: 17-06-2019.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:BAR-C1971:TCN-01, Date: 01-07-2019.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:BAR-C1971:TCN-02 Date: 04-07-2019.
	5.0	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) Clarifications/Modification attached vide Annexure-A of this TCN-03.
- 2) Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
- 3) All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,  
for BHARAT HEAVY ELECTRICALS LTD

Dy. Mgr. (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

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**ANNEXURE-A TO TCN-03**

**CLARIFICATIONS/ MODIFICATIONS**

<b>SL. NO.</b>	<b>REFERENCE CLAUSE OF TENDER</b>	<b>EXISTING PROVISION</b>	<b>BIDDER'S QUERY</b>	<b>BHEL'S CLARIFICATION</b>
1.0	Description - Price bid Volume III, Price Schedule Cluase no. ST NO. A402	Providing, straightening, cutting, bending, placing in position at all level, binding in position of steel reinforcements of high yield strength deformed TMT steel bars of grade Fe-500 having minimum elongation of 14.5 % or Fe-500D conforming to IS:1786 including cost of reinforcement steel, binding wire, labour, scaffolding, transportation to & from stores etc complete all as per specifications, drawings and as directed by Engineer.	As per clause 21 of VOLUME-IF-TCC-CML , Bidder understands that reinforcmenet steel of suitable grade shall be provided by BHEL at free of Cost. Kindly confirm the BOQ description which is contradicting with the above clause.	Reinforcmenet steel of suitable grade shall be provided by BHEL at free of Cost.
2.0	Description - Price bid Volume III, Price Schedule Cluase : ST NO. A402	Pile Depth / Pile Termination.	Bidder requests the employer to clarify the maximum length of pile to be casted based on pile termination criteria.	As per the tender specification & description given in Price Schedule, bidder to calculate the length suitably.
3.0	Description - Price bid Volume III, Price Schedule , SCH - 1 , Total Price		Bidder understands that only Sl.No 1 is to be filled up. Sl.No 2 (a,b,c) Non-Schedule Item shall be left Blank. Please confirm	Bidders are requested to please refer sl no 18 under Preamble of Volume-III-Rev-01.
4.0	Description - Price bid Volume III, Price Schedule , SCH - 1 , Total Price Cluase : Note . Sl.No 10	For payment of non scheduled items.....CPWD schedule - 2016	Bidder request the employer to provide the rates for non scheduled items based on CPWD schedule- 2018	As per tender.

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5.0	Description : EMD/DD/POA General		Bidder requests the employer to provide the list of documents to be submitted physically like Original EMD, DD, POA, Integrity Pact etc.  Also, confirm the due date and place of submission of original documents.	Offer shall be submitted online as per tender provision. However, original copy of EMD BG & tender cost shall be submitted to BHEL-PSER Kolkata office. (Address: SCT Deptt. Bharat Heavy Electricals Limited, Power Sector Eastern Region, DJ-9/1, Sector – II, Salt Lake, Kolkata – 700091).
6.0	Description : LOT 1 A Projects. Part - B / Detailed Technical Specification - Sub - Section IV D (Civil works)		Bidder understands that the referred document from NTPC Limited is pertaining to various design considerations for FGD system Package. Hence, Bidder feels that this document is not relevant to this tender as Bidder owns no responsibility for Design. Please Confirm.	Only relevant part for 3x660 MW & 2X660 MW BARH PROJECT may pl considered.
7.0	Description : Over Run Compensation Clause 9 of Amendment of GCC/SCC of NIT Clause : 9 & Clause 35 of Technical Conditions of Contract Volume IF Clause - 35	ORC during extended period for the reasons not attributable to contractor - ORC shall be payable ...	Referred clauses are contradicting. Please confirm	ORC is not applicable for this tender as per clause no 35.0 of VOLUME-IF-TCC-CML. Bidders are also requested to refer cl nos 29.0 & 39.0 of NIT.

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8.0	Description : Price Variation Compensation  Clause 11 of Amendment of GCC/SCC of NIT  &  Clause 37 of Technical Conditions of Contract Volume IF	PVC shall be payable only, during extended period of contract.....	Referred clauses are contradicting. Please confirm	PVC is not applicable for the tender as per clause no 37.0 of VOLUME-IF-TCC-CML. Bidders are also requested to refer cl nos 29.0 & 39.0 of NIT.
9.0	Description : Ready Mix Concrete Wastage Clause 24.4 of Technical Conditions of Contract Volume IF Pg 21 of 28	PVC shall be payable only, during extended period of contract.....	As general practise for piling jobs, concrete wastage shall be varying from 8% to 10% on the theoretical consumption based on subsoil condition is allowed as per norms. Bidder requests the employer to consider the same. Please confirm.	As per the tender
10.0	Description : Installation Criteria Volume II B Section - D, Sub-Section D21 Clause 4.02.01	The SPT shall be conducted at 1.0m .....	Since design is not in Bidders scope , employer to clarify whether the same shall be executed by the Bidder. If to be executed , Bidder understands one bore hole per pile group is to be executed to determine the SPT for pile Termination. (N>40) The same shall be added as a new line item in price schedule	Referred clause pertains to works not covered under scope of this contract
11.0	Description : Cut Off level (COL) Volume II B Section - D, Sub-Section D21 Clause 4.09.03	in case COL of pile is more than 1.0metre below working level then concrete shall be cast to a minimum of one metre above COL	Bidder understands that casting of minimum 1m concrete above COL shall be measured for calculating the theoretical consumption of concrete. Since, it is the technical requirement as per specification which needs to be accounted.	As per the tender.

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12.0	Description : Earth Filling Price bid ST NO. A2611	Earthwork in filling....	Bidder requestes employer to confirm if available Ash/ Moorum excavated can be used for filling.	Please refer technical speciification and BOQ ST 2611.
13.0	Description : Stone Pitching Price bid ST No A2612 & ST No. A 2613		Bidder requests the employer to provide speciification of stone to be used.	As per technical specification.
14.0	Description : Site levelling Section VI-Part B SS IV-D, Page 26 of 69 Clause no. 10.00.00	Site grading	Bidder request to employer confirm the broken stone can be used for filling area. Also confirm type of soil for 1m thick over rock boulders in filling area.	As per technical specification.
15.0	Description : Site levelling Section VI-Part B SS IV-D, Page 30 of 69 Clause no. 10.00.00	Slope protection	Bidder request to employer to confirm the details of RCC bands on slopes for filling height is more than 3m	Details shall be provided during execution of the work.
16.0	Date of Bid Submission	Date of submission: 8th July 2019	We request you to extend the bid submission date by 15 days i.e till 22nd July 2019.	All Bidders are requested to submit their bids within DDS.
17.0	Cut-off Level		Kindly confirm the cut-off level of the pile.	Please refer items mentioned under ST A2504 d, AE(i) & Ae(ii) of BOQ cum rate schedule for tentative cut-off level. However, exact level will be furnished at the time of execution. In this regard, items mentioned under ST A2505d, A2506 d & e may also be referred regarding deviation in pile length w.r.t. cut-off level duriing actual execution based on engg requirement/site requirement.

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18.0	Pile capacities		Please furnish us with the pile capacities for 600mm & 760mm dia. for better understanding.	Already clarified in TCN-02 of this tender, pl refer the same.
19.0	BOQ Item No.: 2601 - Cutting of trees		We believe that BHEL will arrange all the required permissions for tree cutting. Kindly Confirm.	BHEL will arrange all the required permissions for tree cutting, but it is the responsibility of bidder to coordinate & provide necessary support for getting necessary permission from Customer/owner.
20.0	Page 2 of 4 Volume-III Price Schedule, Rev-00	NON-SCHEDULE ITEM For items not covered in Schedule 2, quote % above or below or at par the CPWD Schedule of rates 2016	We request you to specify which Non Schedule item to be considered for quoting.	Shall be as per tender. Bidders are also requested to please refer sl no 18 under Preamble of Volume-III-Rev-01.
21.0	Main Works Parallel to Trial & Test works		Since tender document asked for deploying 5 nos of rigs within 30 days, we believe that contractor is allowed to start main works immediately after installation of test pile, without waiting for test results of initial load test. Kindly Confirm.	Job pile work will commence after availability of recommendation based on initial load test.
22.0	TCC - Clause 24.4 - RMC Wastage; TS-Volume IIB - Clause 4.09.00 - CutOff Level	TCC - Clause 24.4 - RMC Wastage: Allowable wastage: +1.5% of the theoretical consumption shall be considered as allowable wastage. TS Clause - 4.09.03: When the pile cut off level is less than 1.0 metre..... In case COL of pile is more than 1.0 metre below working level then concrete shall be cast to a minimum of one metre above COL.	We believe that Concrete for over-cast above cutoff level shall also be measured during reconciliation and it will not be counted as wastage. Kindly confirm.	As per the tender.

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23.0	BOQ - Schedule 2: Price Break Up	Bidder's quoted total price of SCH-2 at Sl. No 1 above, shall be apportioned into amount of various items of works based on allocated percentages against respective item, in respective schedules / parts. As such, bidder shall not indicate / quote any amount / rate in these schedules / parts and any amount / rate quoted against any item shall not be taken into cognizance / account and offer may be liable for rejection.	We have observed that allocated percentages (weightage) given in the BOQ are not justifiable as per actual cost for the respective items. Higher weightage has been given to reinforcement fabrication & load testing item whereas, weightage for installation is on lower side. We request you to review and revise the same.	As per the tender.
24.0	TCC - Clause 19.4 - Major T&P Items  BOQ Item No.: 2503	10 nos Hydraulic Rotary Piling Rigs to achieve at least 750 nos piles per month (5 rigs within 30 days. Balance rigs to be deployed progressively within 50 days)  Mobilisation of conventional DMC/RMC piling rigs 04 Nos and accessories capable of pile boring/drilling	Total Number of rigs both Hydraulic (10 nos) and DMC/RMC(04 nos) to be used is 14, as per BOQ, whereas as per TCC Clause 19.4, total number of rigs to be used is 10 (Hydraulic Rotary rig). Kindly confirm the type and total number of rigs to be used.	10 nos. hydraulic rotary piling rigs with accessories & 4 nos. conventional DMC/RMC piling rigs and accessories to be mobilised. Schedule for deployment of c rotary piling rigs with accessories & 4 nos. conventional DMC/RMC piling rigs shall be finalised as per the requirement during execution. However, if there is delay in execution because of reasons not attributable to the contractor, then based on BHEL instruction, contractor may have to mobilise more rigs to expedite progress for which payment as per relevant BOQ item will be made to the contractor. If the delay is on account of contractor, then such mobilisation of rigs to be done by the contractor at his own cost .

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25.0	Cleaning of site		We believe that demolition of existing structures/pavement (if required) on site and removal of all the laying materials shall be done by BHEL before mobilisation of resources for piling works. Kindly confirm.	As per the tender.
26.0	RMC supply in our scope		Looking at the quantum and tight schedule of the project, we request you to keep RMC supply in Contractor's scope to avoid the dependency on other agencies.	As per the tender.
27.0	TCC - Clause - 34: Mobilisation Advance	Not applicable for this tender.	We request you to provide interest free mobilisation advance to maintain cash flow of the project.	As per the tender.
28.0	Clause No.2.21.1- Page no 27 OF 30-GCC-ARBITRATION & RECONCILIATION		As per the latest Arbitration & Conciliation Act, the Arbitrator to be appointed shall be a neutral one which has to be agreed between both the Parties. Or, the Court can be approached so as to appoint a neutral Arbitrator. Requesting that this correction be incorporated in the GCC. Also, please incorporate the consent of both the Parties to refer the matter to fast-track Arbitration.	As per the tender.

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29.0	EMD		1. As per pg . no. 23 Amendment of GCC, Cl. No. 2: Rs.2 L in the form of EFT/DD/PO and Balance Rs. 61,47,000 /- in the form of Bank Guarantee, is that correct? 2. Bank Type to be confirmed for BG & DD: Nationalized or Scheduled or both? 3. Bank Details to process our Balance EMD of Rs. 61.47 L (Bank Guarantee - SFMS process) for the subject project:- • Name and Address of Beneficiary: • Name of Bank of Client: • Bank Branch Address: • IFSC Code: 4. Validity of BG required : 5. Claim Period for BG required : 6. BG to be addressed to : Dy. Mgr (SCT) Bharat Heavy Electricals Limited PSER, Kolkata DJ-9/1, Sector – II, Salt Lake, Kolkata – 700091	1. EMD shall be submitted as per cl no 2. of Amendment to GCC/SCC - Annexure-A of NIT. 2. Shall be as per tender. Please refer cl no 2. of Amendment to GCC/SCC - Annexure-A of NIT. 3. Please refer Bank Details attached with TCN-02 of this tender. 4. Validity of EMD BG shall be as per tender provision. Refer last para under cl no 2. of amendment to GCC/SCC - Annexure-A of NIT. 5. Claim date should not be less than validity date. 6. BG to be addressed to : Head (SCT) Bharat Heavy Electricals Limited PSER, Kolkata DJ-9/1, Sector – II, Salt Lake, Kolkata – 700091
30.0	GST and Labour Cess - TCC CL NO. 40.2	GST along with Cess (as applicable ) legally ..... in their quoted rates/price	Bidder understands that GST and Labour cess shall be extra and paid by BHEL. Please confirm.	As per the tender.

**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.	
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	4.0	BHEL's TCN-02, vide reference no PSER:SCT:BAR-C1971:TCN-02 Date: 04-07-2019.
	5.0	BHEL's TCN-03, vide reference no PSER:SCT:BAR-C1971:TCN-03 Date: 05-07-2019.
	6.0	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)