



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 02

Ref: PSER:SCT:SDG-C1970:TCN-02

Date: 10-07-2019

Sub	Tender Change Notice (TCN)- 02.	
Job	Levelling grading, piling work including testing of piles and other associated works etc. of 1X660MW, UNIT-5, Sagardighi TPP Extension, West Bengal.	
Ref	1.0	Tender no PSER:SCT:SDG-C1970:19.
	2.0	BHEL's NIT, vide reference no: PSER:SCT:SDG-C1970:7610 Date: 28-06-2019.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:SDG-C1970:19 Date: 05-07-2019.
	4.0	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. The clarifications to bidder's queries are attached at **Annexure-A**.
2. Revised 'No deviation certificate' is attached. Bidder to submit 'No deviation certificate' as per attached 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, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

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

JOB: LEVELLING GRADING, PILING WORK INCLUDING TESTING OF PILES AND OTHER ASSOCIATED WORKS OF 1 X 660 MW, UNIT-5, SAGARDIGHI TPP EXTENSION, WEST BENGAL						
Tender Number: PSER:SCT:SDG-C1970:19 TCN-02 (ANNEXURE-A)						
Sl. No	Reference Clause of Tender Document			Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
1	COL to GL	General			Bidder requests to provide the length between existing ground level to cut off level.	Shall be furnished in respective pile layout drawings during detailed engineering after award of contract.
2	Batching Plant	General			Bidder requests to provide the location of Batching Plant and how far it is from the piling location.	Bidder is requested to visit the site and get the necessary information & idea and accordingly submit the offer as per the terms & condition of the tender. Batching plant shall be situated inside the plant premeises.
3	Muck Disposal	General			Bidder requests to provide the details regarding location of land (lead from pile location to disposal location) which is demarcated for muck disposal.	Bidder is requested to visit the site and get the necessary information & idea and accordingly submit the offer as per the terms & condition of the tender. Land for muck disposal may be demarcated inside or outside the plant premeises.
4	Construction Drawing	General			Bidder requests the client to provide the drawings and layout for the piles which have been given in the BOQ.	Shall be furnished during detailed engineering after award of contract.
5	Insurance	TCC	23	BHEL shall arrange.....other natural calamities.	Bidder understands that no insurance has to be taken by bidder under his name. Please confirm.	Please refer clause no 23.0 of VOLUME-IF-TCC-CML & clause no 2.18 of GCC Volume VOLUME-IB
6	GST and Labour Cess	TCC	43.2	GST along with Cess (as applicable) legally.....in their quoted rates/ price.	Bidder understands that the quoted price is exclusive of GST and BOCW cess and the same shall be paid extra by BHEL. Please confirm.	Refer clause No. 43.1 VOLUME-IF-TCC-CML.
7	Safe load capacity of pile	Annexure A, sub section D-21	Pg 20of 26	-	Bidder requests the employer to provide the design load/safe load for acrrying our Vertical /Compression, Horizontal/Lateral, Pullout/Tension.	Shall be furnished during detailed engineering after award of contract.
8	Price Bid	Volume III, Price Schedule	ST No A2504	Pile Depth / Pile Termination.	Bidder requests the employer to clarify the maximum length of pile to be casted based on pile termination criteria.	Tentative length of pile is already mentioned in the BOQ.

JOB: LEVELLING GRADING, PILING WORK INCLUDING TESTING OF PILES AND OTHER ASSOCIATED WORKS OF 1 X 660 MW, UNIT-5, SAGARDIGHI TPP EXTENSION, WEST BENGAL

Tender Number: PSER:SCT:SDG-C1970:19 TCN-02 (ANNEXURE-A)

Sl. No	Reference Clause of Tender Document			Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
9	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.
10	Price Bid	Volume III, Price Schedule , SCH - 1 , Total Price	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 the tender.
11	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, POA, Integrity Pact 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).
12	Ready Mix Concrete Wastage	Clause 27.4.1 of Technical Conditions of Contract	Pg 18 of 23	Allowable Wastage : +1.5% of the theoretical consumption shall be considered as allowable wastage	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.
13	Grade of concrete for piles	Vol- II-G/3, Secion-VIII	2.05.03 Page 3 of 20	Grade of concrete	Bidder request employer to confirm the grade of concrete for piles. In technical specification, Grade of concrete is given as M15/M20 but in price schedule it is given as M30. Please clarify the same	Ready Mix Concrete of suitable grade shall be provided by BHEL at free of Cost.
14	Drawing for test piles & job piles	Vol- II-G/3, Secion-VIII	2.00.00 Page 1 of 20	pile drawing	Provide numeration & reinforcement details of test piles	Shall be furnished during detailed engineering after award of contract.

JOB: LEVELLING GRADING, PILING WORK INCLUDING TESTING OF PILES AND OTHER ASSOCIATED WORKS OF 1 X 660 MW, UNIT-5, SAGARDIGHI TPP EXTENSION, WEST BENGAL						
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Sl. No	Reference Clause of Tender Document			Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
15	Type of reaction load for test	Vol- II-G/3, Secion-VIII	4.00.00, Page 13 of 20	Loading type	Bidder request the employer to confirm the type of loading system for pile load test (kentledge or reaction piles method)	Loading arrangement shall be as per IS 2911 Part-4 (latest edition)
16	Method of load test	Vol- II-G/3, Secion-VIII	4.00.00, Page 13 of 20	Time for load & unload cycles	Bidder requests the employer to provide the time breakup for loading & unloading in cyclic load test	Shall be as per IS 2911 Part-4 (latest edition)
17	Slope protection	Vol: II-G/3, Section: I	3.00.00 Page 17 of 35	Slope protection	Bidder requests the employer to incorporate as item in Schedule (BOQ) if the same shall be executed by the contractor.	Since there is less difference between EGL & FGL, slope protection work will not be required.
18	Levelling & Grading	Volume-III, Price schedule	2602,2603 & A2611	survey data	Please provide the contour survey drawing to check the cut & fill and slope protection area.	Drawings shall be provided during execution period.
19	Site levelling	Vol: II-G/3, Section: III	3.08.01 Page 14 of 19	Site grading	Bidder request the employer to provide the toposurvey for site grading.	Shall be provided during execution period.
20	Site levelling	Vol: II-G/3, Section: III	3.08.01 Page 14 of 19	Site grading	Bidder request the employer to confirm if broken stone can be used for filling area. Also confirm type of soil for filling the voids in boulders	As per technical specification.
21	Hardcopy Submission	NIT, PART 1B	page -1		As per GCC Clause 1.1 iii) Bidder is required to submit Integrity Pact also along with his bid. As per NIT Clause, only EMD and Tender fee are required to be submitted in hardcopy to BHEL Kolkata Office, Kindly clarify? In case additional documents are required please indicate separately.	Refer Sl. No. 11

JOB: LEVELLING GRADING, PILING WORK INCLUDING TESTING OF PILES AND OTHER ASSOCIATED WORKS OF 1 X 660 MW, UNIT-5, SAGARDIGHI TPP EXTENSION, WEST BENGAL

Tender Number: PSER:SCT:SDG-C1970:19 TCN-02 (ANNEXURE-A)

Sl. No	Reference Clause of Tender Document			Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
22		NIT	page-5, Cl. 8	Assessment of Capacity of Bidders and Point no. 17 in Annexure 4	<p>As per the Clause, LOAD is the Ongoing Contracts with BHEL and Performance is Under execution/ executed projects under BHEL Regions; Therefore Bidder understands that Assessment Capacity will be done for ONLY PACKAGES with BHEL ONLY. In case the bidder is currently not working with BHEL, this clause will NOT BE APPLICABLE, please clarify</p> <p>In the view of the same, if a bidder is not working currently with BHEL then FORM No. F-09(Rev 00) will be NOT APPLICABLE in this case. Also, Annexure-4 Sl. No. 17. Capacity Evaluation of Bidder for current tender will also not be applicable, is that correct?</p>	As per Tender.
23	Submittals	Annexure 4	page -20	Analysis of Rates Quoted	<p>Whether this form is to be submitted by all bidders with their bid or only by Successful Bidder post award of work</p> <p>If this is to be submitted by all bidders with their bids, should they be submitted with Price Bid or Technical bid?</p>	bidders shall submit "Analysis of Rates Quoted" as per format provided in the tender.

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Sl. No	Reference Clause of Tender Document	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
24	FORCE MAJEURE GCC	page-71 of 708 Cl.2.2 The following shall amount to Force Majeure:- Acts of God, act of any Government, War, Sabotage, Riots, Civil commotion, Police action, Revolution, Flood, Fire, Cyclones, Earth quake and Epidemic and other similar causes over which the contractor has no control. If the contractor suffers delay in the due execution of the contractual obligation due to delays caused by force majeure as defined above, the agreed time of completion of the job covered by this contract or the obligations of the contractor shall be extended by a period of time equal to period of delay, provided that on the occurrence of any such contingency, the contractor immediately reports to BHEL in writing the causes of delay and the contractor shall not be eligible for any compensation.	Requested to consider the strikes by local public, unions, etc. which causes stoppage of works and also restricted the movement/ transportation of staff, workers, materials, etc. shall be considered in "FORCE MAJEURE".	As per Tender.
25	Arbitration GCC Clause No. 2.21.1	PAGE- 71 of 708, CL.2.2 The arbitration shall be conducted by a sole arbitrator to be appointed by the Head of the BHEL Power Sector Region issuing the Contract within 60 days of receipt of the complete Notice	As per the Law, and the Act, the appointment of Arbitrator should be done by mutual Agreement and the Arbitrator shall be a "neutral" one. Hence the suggested language shall be: "Both Parties shall agree upon the Arbitrator name mutually."	As per Tender.

JOB: LEVELLING GRADING, PILING WORK INCLUDING TESTING OF PILES AND OTHER ASSOCIATED WORKS OF 1 X 660 MW, UNIT-5, SAGARDIGHI TPP EXTENSION, WEST BENGAL

Tender Number: PSER:SCT:SDG-C1970:19 TCN-02 (ANNEXURE-A)

Sl. No	Reference Clause of Tender Document			Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
26	Security Deposit (SD)	Amendment to GCC/SCC Annexure-A	PAGE -22 of 708, CL .4	The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit.	The total amount of Security Deposit will be 5% of the contract value. EMD shall be adjusted towards the required amount of Security Deposit. We will submit Bank Guarantee for balance value after adjusting EMD valid for the contract period.	As per Tender.
27	Security Deposit (SD)	Amendment to GCC/SCC Annexure-A	PAGE-23 of 708, CL.4.0	At least 50% of the required Security Deposit, including the EMD, should be furnished before start of the work. Balance of the Security Deposit can be deposited by deducting 10% of the gross amount progressively from each of the running bills of the Contractor till the total amount of the required Security Deposit is collected. The recoveries made from running bills (cash deduction towards balance SD amount) can be released against submission of equivalent Bank Guarantee in acceptable form, but only once, before completion of work, with the approval of competent authorities.	The total amount of Security Deposit will be 5% of the contract value. EMD shall be adjusted towards the required amount of Security Deposit. We will submit Bank Guarantee for balance value after adjusting EMD valid for the contract period.	As per Tender.

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Sl. No	Reference Clause of Tender Document			Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
28	Quantity Variation	Amendment to GCC/SCC Annexure-A	PAGE- 25 of 708, CL.10	The quantities given in the contract are tentative and may change to any extent (both in plus side and minus side). The quoted rates for individual items shall remain firm irrespective of any variations in the individual quantities. No compensation becomes payable in case the variation of the final executedcontract value is within the limit of Minus (-) 15% of awarded contract value	As per the bill of quantity every item is based on weightage amount, hence the variation of individual item shall be limited to +/- 15% of the quantity indicated in each item. The maximum variation of the final executed contract value shall be within limit of +/- 15% of the total contract value.	As per the tender.
29	Quantity Variation	Amendment to GCC/SCC Annexure-A	PAGE-25 of 708, CL 10	The quantities given in the contract are tentative and may change to any extent (both in plus side and minus side). The quoted rates for individual items shall remain firm irrespective of any variations in the individual quantities. No compensation becomes payable in case the variation of the final executedcontract value is within the limit of Minus (-) 15% of awarded contract value	If there is a variation in quantity for any one item then how will be the payment be calculated for that item please explain with example.	As per the tender.
30	Supply of Crane	SCC	PAGE- 87 of 708, CL.4.2.2.16	BHEL will make available the cranes (as per Technical Conditions of Contract) free of charge to the contractor on sharing basis mainly for the purposes enumerated/indicated therein. BHEL cranes have to be shared with other agencies / contractors of BHEL. The allocation of cranes shall be the discretion of BHEL engineer, which shall be binding on the contractor.	Please confirm - How many cranes will be arranged by M/s BHEL. Also of what capacity and duration. Please confirm the crane will be with operators for 24 hrs operation.	As per Tender.

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Sl. No	Reference Clause of Tender Document	Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
31	Wastage TCC PAGE-409 of 708, CL. 27.3.1	Allowable wastage: (+4%) of the theoretical consumption shall be considered as allowable wastage.- Reinforcement steel	We have noted wastage of Reinforcement steel of +4% . This shall be over and above Bar Bending schedule which shall be duly approved by M/s BHEL and shall include laps, dowels, hooks, chairs, stiffeners, Spacer rings, lifting hooks, cage hanging bars, Bars above cut off etc. Material remaining surplus on completion of work will be returned to you at site only in as is condition on a monthly basis.	As per the tender.
32	Wastage TCC PAGE- 409 of 708, CL 27.4.1	Allowable wastage: +1.5% of the theoretical consumption shall be considered as allowable wastage - Ready Mix Concrete	Requesting you to consider 5% wastage over and above the actual consumption including over breakage and extra concrete above cut off level etc	As per the tender.
33	Mobilisation advance TCC PAGE-416 of 708, CL.34.	Interest Bearing Recoverable Advance/ Mobilisation advance- Not applicable for this tender.	Request you to consider Interest Free Mobilisation Advance payment of 10% of contract value shall be provided to us within 15 days after issue of LOI against Bank Guarantee of equivalent amount. No recoveries against this advance shall be made till the value of work executed reaches 20% of contract value. Thereafter, recoveries will be made from running bills in the same proportion as the individual bills and complete advance adjusted when 90% work is completed.	As per the tender.
34	Payment TCC PAGE- 413 of 708, CL.44.5	The contractor shall submit his running bill, once in a month at the end of each month.	Payment towards our Monthly Running Bills shall be paid in full within 15 days from date of submission of bill. Our final bill shall be paid within 30 days of its submission.	As per the tender.

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Tender Number: PSER:SCT:SDG-C1970:19			TCN-02 (ANNEXURE-A)			
Sl. No	Reference Clause of Tender Document			Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
35	Payment	TCC	PAGE- 413 of 708, CL.44.1	For all items of work as per Volume-III, Price Schedule, interim payment shall be limited to 95 % of the gross value of interim bill on item rate basis. The balance 5 % shall be payable on completion of guarantee period and subject to confirmation of full GST.	We request you to release 100% payment release after completing the scope of work. We shall submit you the Bank Guarantee at the starting of the project of equivalent amount towards retention. Hence there shall not be any cash retention form our monthly Running Account Bills.	As per the tender.
36	Measurement	TECHNICAL SPECIFICATI ON	PAGE-675 of 708, CL.8.02	Piling length shall be measurement by linear measurement from pile cut-off level to the tip of pile in meters upto second place of decimal separately for each diameter and capacity of pile.	Kindly Provide Pile Cutoff level of the piles from the existing gound level/ working level.	Pile cut off levels shall be furnished in respective pile lay out drawings during detailed engineering after award of contract.
37	PILE TESTING	TECHNICAL SPECIFICATI ON	page-672 of 708, CL.6	Pile load test shall be carried out as per IS:2911 Part-4 (latest edition) or as directed by Engineer.	Please provide Test load for Initial pile load test & routine pile Load Test	For initial pile load test, test load is 3 times the design pile capacity. For routine pile load test, test load is 1.5 times the design pile capacity.
38		PRICE SCHEDULE- REV-00	page-706 of 708	[Concrete will be supplied by BHEL at Batching Plant free of cost, Transportation from Batching Plant to site to be done by the contractor.]	Kindly provide the distance between batching plant and proposed piling work location	Bidder is requested to visit the site and get the necessary information & idea and accordingly submit the offer as per the terms & condition of the tender. Batching plant will be situated inside the plant premeises
39	Pile Drawings			Drawing	Please provide the plant layout alongwith Pile Layout , Pile section indicating cut of level & existing working level.	Pile lay out drawings, & Pile reinforcement drawings shall be furnished during detailed engineering after award of contract.

JOB: LEVELLING GRADING, PILING WORK INCLUDING TESTING OF PILES AND OTHER ASSOCIATED WORKS OF 1 X 660 MW, UNIT-5, SAGARDIGHI TPP EXTENSION, WEST BENGAL

Tender Number: PSER:SCT:SDG-C1970:19 TCN-02 (ANNEXURE-A)

Sl. No	Reference Clause of Tender Document			Existing Provision	Bidder's Query	BHEL'S CLARIFICATION
40	Reverse Auction	Notice Inviting tender	page- 10 of 708	<p>BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.</p>	<p>We believe that even experienced contractor gets enticed when the process of reverse auction is on and can make the mistake of going even below their minimum workable price as it is extremely difficult in that environment to continue to think rationally. Once, such a contractor gets hired, in order to survive on the project he may then start looking for compromises which are not in the best interest of the owner / project. Such situations are not win-win situations from Contractor point of view. Therefore bidder urges and request to cancel the process of RA and choose contractor on L1 basis.</p>	As per 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.	
Job	Levelling grading, piling work including testing of piles and other associated works etc. of 1X660MW, UNIT-5, Sagardighi TPP Extension, West Bengal.	
Ref	1.0	Tender no PSER:SCT:SDG-C1970:19.
	2.0	BHEL's NIT, vide reference no: PSER:SCT:SDG-C1970:7610 Date: 28-06-2019.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:SDG-C1970:19 Date: 05-07-2019.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:SDG-C1970:19 Date: 10-07-2019.
	5.0	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

फैक्स/Fax : (033) 23211960

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