



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 01

Ref: PSER:SCT:SDG-B2090:TCN-01

Date:21-12-2020

Sub	Tender Change Notice (TCN) - 01.	
Job	ERECTION, TESTING, COMMISSIONING OF BOILER & AUXILIARIES INCLUDING FGD OF 1 X 660 MW UNIT-5, SAGARDIGHI TPP EXTENSION PROJECT.	
Ref	1.0	BHEL's NIT, vide reference no. PSER:SCT:SDG-B2090:8303 Date: 07-12-2020.
	2.0	All other pertinent issues till date.

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

1. Clarifications/Modifications attached vide Annexure-A to this TCN-01.
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 : ERECTION, TESTING, COMMISSIONING OF BOILER & AUXILIARIES INCLUDING FGD OF 1 X 660 MW UNIT-5, SAGARDIGHI TPP EXTENSION PROJECT.				
Tender no:PSER:SCT:SDG-B2090:20.				
ANNEXURE-A TO TCN-01				
CLARIFICATIONS / MODIFICATIONS				
SL. NO.	REFERENCE CLAUSE OF TENDER	EXISTING PROVISION	BIDDER'S QUERY	BHEL'S CLARIFICATION/MODIFICATION
1.0	Sl.No.viii of SALIENT Features of NIT	EMD AMOUNT :1,57,35,000/- -Applicable	Ministry of Finance, GOI has issued an office memorandum vide ref no-F.09/4-2020-PPD dated 12.11.2020 by waiving off the Bid security for the tenders floated and recently BHEL-PSER also floated the tenders by waiving off the Bid Security. Hence, we request BHEL to waive off the EMD for this package also.	EMD shall not be applicable for this tender.
2.0	Clause no-32.2 of VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT	Performance bond is not applicable for the tender.	Clause No-40.3 and 32.2 are contradictory, We request to clarify that the PBG is applicable or not.	<p>Clause no. 32.2 is specific on requirement of submitting "Performance Bond" along with Security Deposit. But Clause No. 40.3 informs about submission of Performance Bank Guarantee towards releasing 5% withheld amount against Guarantee clause prior to completion of Guarantee period.</p> <p>PBG is applicable for releasing 5% withheld amount against Guarantee clause prior to completion of Guarantee period.</p>
3.0	Clause no-40.3 of VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT	Out of above progressive payment, 5% will be retained from each RA bill which will be released on completion of guarantee period. However, this 5% payment can be released against submission of performance bank guarantee valid for the completion of guarantee period in prescribed proforma subject to receipt of certificate that all works are completed in all respects and completion of final bill formalities including receipt of all TCS certificates from vendor, if applicable. The submission of bank guarantee towards performance guarantee is separate and the bank guarantee towards security deposit cannot be utilised for this purpose. The security deposit will be refunded as per GCC.		
4.0	Sl.No.5 of A of APPENDIX-III : MAJOR TOOLS AND PLANTS & MMEs TO BE DEPLOYED BY THE CONTRACTOR VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT.	Pick & carry tyre mounted Front Cabin mobile crane (FX or TRX/ NextGen series of "ESCORT" or equivalent make)	Quantity is very high (8 Nos) considering the quantum of the work. We request to minimize the quantity to 6 nos conventional hydra with the safety norms.	Indicated qty. is as per job requirement for job execution scope at Boiler, ESP, FGD and SCR system.
5.0	Clause no-43.1 of LIQUIDATED DAMAGES (LD) of VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT.	LIQUIDATED DAMAGES (LD) for Intermediate Milestones	Penalty for intermediate milestones shall be recorded until achievement of final Milestone and same shall be imposed if the final milestone is not achieved as per the schedule.	Penalty for intermediate milestones shall be withheld until achievement of final Milestone and same shall be imposed if the final milestone is not achieved as per the schedule provided the delays are attributable to the contractor.
6.0	Clause no 4.120 of VOLUME-IF-TS-REV 00 TECHNICAL CONDITIONS OF CONTRACT.	Tanks shall be supplied by the units in more than one segment (rolled sections) having height of segment approx. 2500 mm. Contractor have to complete the assembly at site with necessary welding/NDT/testing as per the approved FQP. Rubber lining...vendor.	Kindly provide delivery condition of segments i.e. with SS liner or without SS liner.	Clause no 4.121 of FILE-2.1-SCT-SDG-B2090-VOL-IF-TCC-TS-1 pertains to Lime stone silo. However, Lime stone silo is not applicable for this tender.
7.0	Clause no 4.120 of FILE-2.1-SCT-SDG-B2090-VOL-IF-TCC-TS-1.	Flue Gas desulphurization	Kindly provide delivery condition and type (i.e. Cylindrical or rectangular) of Absorber vessel and it is considered that no fabrication is involved in the scope.	Clause no 4.120 of FILE-2.1-SCT-SDG-B2090-VOL-IF-TCC-TS-1 pertains to TANKS. However, Absorber is Rectangular type. It will be glass flaked lining. Fabricated casing panel from Ranipet will be sent to site for further erection at site.
8.0	Sl no-44 of FGD System (Group-IX) of APPENDIX-I APPROXIMATE WEIGHT SCHEDULE OF MAJOR PACKAGES FOR 1X660 MW SAGARDIGHI PROJECT of VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT.	FGD System (Group-IX)	As per the clause no-4.120 of FILE-2.1-SCT-SDG-B2090-VOL-IF-TCC-TS-1, Rubber lining is in the scope of rubber lining vendor, But in the PGMA details rubber lining quantity is mentioned as 10 MT. Kindly clarify the scope.	As per tender.

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Tender no:PSER:SCT:SDG-B2090:20.				
ANNEXURE-A TO TCN-01				
CLARIFICATIONS / MODIFICATIONS				
SL. NO.	REFERENCE CLAUSE OF TENDER	EXISTING PROVISION	BIDDER'S QUERY	BHEL'S CLARIFICATION/MODIFICATION
9.0	SI no-23 of APPENDIX-III of MAJOR TOOLS AND PLANTS & MMEs TO BE DEPLOYED BY THE CONTRACTOR of VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT	Pipe chamfering machine /Tube Cutting-Pipe chamfering machine /Tube Cutting 4-14" As required, During pressure parts pre assembly & erection	These machines will be used in the Fabrication shop and will not be feasible in the erection sites. Hence we request to kindly remove the same from the scope of contractor.	Requirements indicated in Tender document needs to be followed.
10.0	Clause No.42.1 of VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT	Even though the work will be carried under supervision of BHEL engineers, bidder will be responsible for the quality of the workmanship and shall guarantee the work done for a period of 18 months from the date of start of guarantee period of the unit, as certified by BHEL site authority for good workmanship and shall rectify free of cost all defects due to faulty erection. In case bidder fails to repair the defective works within the time specified by engineer, BHEL may proceed to undertake the repairs of such defective works at contractor's risk and cost without prejudice to any other rights and recover the same from SD/ other dues.	Since the contractor scope of work is limited to Erection of the equipment's supplied by BHEL. Hence we request to revise guarantee period from 18 months to 12 Months.	Guarantee period as indicated in Tender condition is applicable.
11.0	SI no.10 of PGMA details of Non- Pressure parts (Group-III) of APPROXIMATE WEIGHT SCHEDULE OF MAJOR PACKAGES FOR 1X660 MW SAGARDIGHI PROJECT of VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT.	Oil System Piping's.	The scope is not relevant to the Non-Pressure parts. Hence we request to include the quantity in the Carbon Steel Piping (Group-VII)	As per tender.
12.0	SI No.23 of Non- Pressure parts (Group-III) of APPROXIMATE WEIGHT SCHEDULE OF MAJOR PACKAGES FOR 1X660 MW SAGARDIGHI PROJECT of of VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT.	Steam Blowing Piping	The scope of work includes Installation and removal. Hence we request to provide the separate line item or to provide the separate billing schedule for the temporary Piping works.	As per tender
13.0	SI No-24 of Non- Pressure parts (Group-III) of APPROXIMATE WEIGHT SCHEDULE OF MAJOR PACKAGES FOR 1X660 MW SAGARDIGHI PROJECT of of VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT.	Acid Cleaning Piping		
14.0	SI No.25 of Non- Pressure parts (Group-III) of APPROXIMATE WEIGHT SCHEDULE OF MAJOR PACKAGES FOR 1X660 MW SAGARDIGHI PROJECT of of VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT	H & S for Acid Cleaning Piping.		

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Tender no:PSER:SCT:SDG-B2090:20.

ANNEXURE-A TO TCN-01

CLARIFICATIONS / MODIFICATIONS

SL. NO.	REFERENCE CLAUSE OF TENDER	EXISTING PROVISION	BIDDER'S QUERY	BHEL'S CLARIFICATION/MODIFICATION
15.0	SI No.26 of Non- Pressure parts (Group-III) of APPROXIMATE WEIGHT SCHEDULE OF MAJOR PACKAGES FOR 1X660 MW SAGARDIGHI PROJECT of of VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT	H & S for Temporary Piping		
16.0	Clause no.38.0 of VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT.	Price variation compensation	Due to the pandemic, the market trend is so volatile that no one is able to predict the same.Further Governments areare found to revise the minimum wage structure all of a sudden which imposes tremendous pressure on the contractors and hence we request to BHEL to make the PVC applicable from the date of NIT by incorporating the wage component also in the formula.In this connection request to BHEL to implement the new formula devised and made applicable in all NTPC projects.	As per tender.
17.0	Clause no.41.3 of of VOLUME-IF-CML Rev-00 TECHNICAL CONDITIONS OF CONTRACT.	No PVC, rate revision, over run charge/ compensation is applicable for extra works.	Rate revision may be made applicable for this project beyond the completion period.	As per tender.
18.0	Clause No.2.15.5 of VOLUME-IB GENERAL CONDITIONS OF CONTRACT (SERVICE).	MAN-HOUR RATE FOR ELIGIBLE EXTRA WORKS: Single composite average labour man-hour rate, including overtime if any, supervision, use of tools and tackles and other site expenses and incidentals, consumables for carrying out any major rework/ repairs/ rectification/ modification/ fabrication as certified by site as may arise during the course of erection, testing, commissioning or extra works arising out of transit, storage and erection damages, payment, if found due will be at Rs 60/- per man hour.	PSWR GCC : MAN-HOUR RATE FOR ELIGIBLE EXTRA WORKS: Single composite average labour man-hour rate, including overtime if any, supervision, use of tools and tackles and other site expenses and incidentals, consumables for carrying out any major rework/ repairs/ rectification/ modification/ fabrication as certified by site as may arise during the course of erection, testing, commissioning or extra works arising out of transit, storage and erection damages, payment, if found due will be at Rs 108/- per man hour.	Pl. refer SI.No.19 of Annexure - A : Amendment to GCC/SCC of NIT.

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 BOILER & AUXILIARIES INCLUDING FGD OF 1 X 660 MW UNIT-5, SAGARDIGHI TPP EXTENSION PROJECT.	
Ref	1.0	Tender no : PSER:SCT:SDG-B2090:20..
	2.0	BHEL's NIT, vide reference no. PSER:SCT:SDG-B2090:8303 Date: 07-12-2020.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT: SDG-B2090:TCN-01 Date: 21-12-2020
	4.0	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)