



Bharat Heavy Electricals Limited

(A Govt. Of India Undertaking)

Power Sector, Eastern Region

BHEL BHAWAN, PLOT NO. DJ-9/1 , SECOTR II ,

SALT LAKE CITY , KOLKATA ,WEST BENGAL, INDIA

Phone : 033-23398220,033-23211690 FAX : 033-23211960

Sub	TENDER CHANGE NOTICE (TCN-03 DTD. 30/08/2019)
Job	DESIGN, SUPPLY AND EXPERT SUPERVISION FOR INSTALLATION WORKS OF BOROSILICATE GLASS BLOCK LINING INCLUDING WET STACK FLOW MODEL STUDY FOR 275 M TALL TWIN FLUE CHIMNEY FOR UNIT#2 & SINGLE FLOW CHIMNEY FOR U#3 AT 3X660 MW BARH STAGE-I, DIST. -PATNA, BIHAR.
Ref	TENDER NO.: PSER:PUR:PMX:373(II):049:(ENQ:19:PP:0015:PUR:62) Date 13/08/2019, TCN-01 Date 20/08/2019, TCN-02 Date 27/08/2019

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

1)

Sl. no.	Description/ Tender clause	As appeared in tender	Modified as
i	TERMS OF PAYMENTS for supply of Borosilicate Glass Block Lining: [Clause No. 8.1 of VOLUME-IF-CML-REV-00, point no (b) & (c) for Foreign Bidder]	b. Ten percent (10%) of basic price of materials supplied, as per PO, along with taxes and duties (as applicable), shall be paid against MRC within one month from date of MRC through usance LC. c. Ten percent (10%) of basic price of materials supplied, as per PO, along with taxes and duties (as applicable), shall be paid against after completion of application work certified by project site engineer of Owner/ Purchaser within one month from date of completion of application work through usance LC.	b. Ten percent (10%) of basic price of materials supplied, as per PO, along with taxes and duties (as applicable), shall be paid against MRC within Two month from date of MRC through usance LC. c. Ten percent (10%) of basic price of materials supplied, as per PO, along with taxes and duties (as applicable), shall be paid against after completion of application work certified by project site engineer of Owner/ Purchaser within Two month from date of completion of application work through usance LC.
ii	TERMS OF PAYMENTS for Wet Stack Flow Model study: [Clause No. 8.2 of VOLUME-IF-CML-REV-00]	75% basic Payment shall be made after approval of study model report by customer. Balance 25% along with applicable taxes & duties shall be made completion of application work certified by project site engineer of Owner/ Purchaser within one month from date of completion of application work.	75% basic Payment shall be made after approval of study model report by customer. Balance 25% along with applicable taxes & duties shall be made completion of application work certified by project site engineer of Owner/ Purchaser within Two month from date of completion of application work.



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- 2) Clarifications to bidders' queries are attached at [Annexure-Clarification:02](#).
- 3) **BIDDERS TO QUOTE THEIR OFFER CONSIDERING THE LATEST SCOPE & PROVISIONS/TERMS AND CONDITIONS OF THE TENDER.**
- 4) Revised 'No deviation certificate' is attached. Bidder to submit their offer along with stamped & signed copy of this TCN & '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. ENGINEER (PURCHASE)

Encl: As above.

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

ANNEXURE - IV

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

To,
Bharat Heavy Electricals Limited,
POWER SECTOR – EASTERN REGION
2nd FLOOR, Block-DJ, Plot- 9/1, SECTOR
SALT LAKE CITY, KOLKATA – 700 091
FAX – 033-2321-1960

Job: “DESIGN, SUPPLY AND EXPERT SUPERVISION FOR INSTALLATION WORKS OF BOROSILICATE GLASS BLOCK LINING INCLUDING WET STACK FLOW MODEL STUDY FOR 275 M TALL TWIN FLUE CHIMNEY FOR UNIT#2 & SINGLE FLOW CHIMNEY FOR U#3 AT 3X660 MW BARH STAGE-I, DIST. - PATNA, BIHAR.”.

E-Tender No.: PSER:PUR:PMX:373(II):049:(ENQ:19:PP:0015:PUR:62) Date 13/08/19, TCN-01 Date 20/08/19, TCN-02 Date 27/08/19, TCN-03 Date 30/08/19.

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/newspapers and in case of 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 *and confirm our acceptance to **reverse auctioning process*** and we hereby convey our unqualified acceptance to all terms and conditions as stipulated in the tender and NIT.

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 offer strictly in accordance with tender instructions.

Thanking you,

Yours faithfully,

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

JOB: DESIGN, SUPPLY AND EXPERT SUPERVISION FOR INSTALLATION WORKS OF BOROSILICATE GLASS BLOCK LINING INCLUDING WET STACK FLOW MODEL STUDY FOR 275 M TALL TWIN FLUE CHIMNEY FOR UNIT#2 & SINGLE FLOW CHIMNEY OF U#3 AT 3X660 MW BARH STAGE-I,DIST-PATNA BIHAR.				
TENDER NUMBER: PSER-PUR-PMX-373(I)-049;(ENQ-19-PP-0015:PUR-62) DTD:13/08/2019, TCN-01 DTD: 20/08/2019, TCN-02 DTD: 27/08/2019, TCN-03 DTD: 30/08/2019				
Annexure-Clarification:02				
Sl. No	Reference Clause of Tender Document	Existing Provision	Bidder's Query	BHEL's Clarification
1	CLAUSE NO 2.1.2.1 OF VOLUME-1F-TS-1, R-0	Replacement of the expansion joints with acid resistant materials which shall withstand acidic flue gas and shall also prevent dust accumulation. The space between the expansion joint material and the liner shall be packed and sealed by providing a bolster made up of light weight compressible material suitable for wet stack operations and acid resistant to withstand acidic flue gas condensates. The bolster shall be confined in texturized glass fabric having a final covering of stainless steel wire mesh. Design of expansion joint shall comply EPRI guideline to avoid contact of condensate with expansion joint material and to ensure drainage of condensate. The scope includes all labor, material and tools and plants, transportation, hoisting, fixing in position, drilling, cutting, bolts and bolting, Testing etc. Approval of user handbooks giving details of installation, dismantling and maintenance procedures for the expansion joints shall be obtained from BHEL/NTPC. b) Replacement of Sample port with acid resistant material like C276, fiber gasket etc, and also modification (if required) of existing steel flue liner to suit the same. Measurement for payment shall be done for net weight of Titanium/c276 pipe including flange plate/cover plate only (weld thickness not to be considered) which is welded over liner surface.	Please inform quantity of Acid Resistant Materials like C276, Fiber Gasket etc, So that it may include in price offer.	Clause no 2.1.2 is self-explanatory
2	CLAUSE NO 2.1.2.2 OF VOLUME-1F-TS-1, R-0	Modification of Manhole / access door with acid resistant material or with borosilicate glass block lining	Please inform the quantity of Acid Resistant Materials for modification of Manhole / Access doors.	Clause no 2.1.2 is self-explanatory
3	CLAUSE NO 2.1.2.4 OF VOLUME-1F-TS-1, R-0	Modification in existing RCC mini-shell having AR brick lining.	Please elaborate what modification is required in existing RCC Mini Shell.	Clause no 2.1.2 is self-explanatory
4	CLAUSE NO 2.1.2.5 OF VOLUME-1F-TS-1, R-0	Installation of condensate collection system as per wet stack study report.	Installation of condensate collection system can be done after Wet Stack Study Report, the scope of work can be ascertain after the wet stack study report. Therefore it can no be accommodated in current offer.	Clause no 2.1.2 is self-explanatory
5	Not applicable	As appear in tender	Understanding on no. of Flues for Borosilicate Glass Block Lining for the tender: 1. Barh Unit 2 (twin flue) Only One Flue to be considered for Borosilicate Glass Block Lining. 2. Barh Unit 3 (single Flue) One Flue for Borosilicate Glass Block Lining . Totalling to only 2 Flues to be considered for Borosilicate Glass Block Lining.	Understanding is correct.
(Signature, date & seal of authorized representative of the contractor)				