



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 02

Ref: PSER: SCT: BAR-C1962: TCN-02

Date: 13-05-2019

Sub	Tender Change Notice (TCN) - 02.	
Job	APPLICATION OF BOROSILICATE GLASS BLOCK LINING SYSTEM INSIDE THE MS FLUE CAN OF EXISTING CHIMNEY OF FGD UNIT-1 AT 3x660 MW BARH SUPER THERMAL POWER PROJECT, STAGE-I,	
Ref	1.0	Tender no PSER:SCT:BAR-C1962:19
	2.0	BHEL's NIT, vide reference no PSER:SCT:BAR-C1962:7544 Date: 02/05/2019
	3.0	BHEL's TCN-01 vide ref PSER: SCT: BAR-C1962: TCN-01 dated 10-05-2019
	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 offer.

- 1) Reply to Bidder's queries attached vide Annexure-A to TCN-02.
- 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

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/ 2339 8231

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	APPLICATION OF BOROSILICATE GLASS BLOCK LINING SYSTEM INSIDE THE MS FLUE CAN OF EXISTING CHIMNEY OF FGD UNIT-1 AT 3x660 MW BARH SUPER THERMAL POWER PROJECT, STAGE-I,	
Ref	1.0	Tender no PSER:SCT:BAR-C1962:19
	2.0	BHEL's NIT, vide reference PSER:SCT:BAR-C1962:7544 Date: 02/05/2019
	3.0	BHEL's TCN-01, PSER: SCT: BAR-C1962: TCN-01 Date: 10-05-2019
	4.0	BHEL's TCN-02 ,PSER:SCT:BAR-C1962:TCN-01 Date :13-05-2019
	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)

ANNEXURE-A TO TCN-02
TENDER NO :PSER:SCT:BAR-C1962:19

Sl. No.	Reference clause of Tender Document	Existing provision	Bidder's query	BHEL's Clarification
1.	39.0 GUARANTEE	Guarantee period shall be 12 months from the date of start of guarantee period as per relevant clause of GCC. Commencement of guarantee period shall be from the date of completion of work under the contract as certified by BHEL	BIL propose that Warrantee period shall be 12 months from the date of start of warranty period as per relevant clause of GCC. Commencement of warrantee period shall be from the date of completion of work under the contract as certified by BHEL	SHALL BE AS PER TENDER
2.	34.0 TERMS OF PAYMENTS 34.5	34.5 Contractor's RA bill, complete & correct in all respects, certified by BHEL engineer, shall be paid after 60 days of receipt of bill with all supporting documents	BIL propose that Contractor's RA bill, complete & correct in all respects, certified by BHEL engineer, shall be paid after 30 days of receipt of bill with all supporting documents	SHALL BE AS PER TENDER
3.	21.0 CONSUMPTION AND WASTAGE	21.1.2 BOROSILICATE GLASS BLOCK Allowable wastage: One and half percent (+2%) 22.2.2 ADHESIVES / MEMBRANCE: Allowable wastage: Three percent (+5%) 22.3 PRIMER PAINT: Allowable wastage: Three percent (+10%)	Please note that percentage of wastage in words and numeric is not matching with each other. Please Correct as: BOROSILICATE GLASS BLOCK Allowable wastage: Two percent (+2%) 22.2.2 ADHESIVES / MEMBRANCE: Allowable wastage: Five percent (+5%) 22.3 PRIMER PAINT: Allowable wastage: Ten percent (+10%)	SAME IS ALREADY INCORPORATED PL REFER VOL-1F-TCC-CML-R-01 ISSUED ALONGWITH TCN-01 DATED 10-05-2019
4	27.0 COMPLETION PERIOD	The entire work under this scope shall be successfully completed in all respect within 03 (Three) months from the date of start of work.	BIL propose that "The entire work under this scope shall be successfully completed in all respect within 05 (Five) months from the date of start of work."	SHALL BE AS PER TENDER

ANNEXURE-A TO TCN-02
TENDER NO :PSER:SCT:BAR-C1962:19

Sl. No.	Reference clause of Tender Document	Existing provision	Bidder's query	BHEL's Clarification
5	VOLUME-III PRICE SCHEDULE, REV-0 26FS	Supplying C276 strips, plates, gutters / vanes / pipes, bends, fittings and any other appurtenances based on the approved design in line with gas-flow model study report as per specification, drawing and as directed by the Engineer in-charge. (Net quantity of C276 erected will be paid) QTY 1800 KG Weightage 0.083337350	BIL Propose that Supplying C276 strips, plates, gutters / vanes / pipes, bends, fittings and any other appurtenances based on the approved design in line with gas-flow model study report as per specification, drawing and as directed by the Engineer in-charge. (Net quantity of C276 erected will be paid) QTY 1800 KG Weightage 0.09933735	SHALL BE AS PER TENDER
6	VOLUME-III PRICE SCHEDULE, REV-0 30AAS	Supplying titanium sheet (Grade 2 as per ASME B265) for chimney mini-shell including nuts, bolts, washers, screws and any other accessories as required for proper fixing, preparation of detailed fabrication drawings etc all complete per specification, drawing and as directed by the Engineer-in-charge.(Net quantity of titanium erected will be paid) QTY 2 0 MT Weightage 0.060581320	BIL Propose that Supplying titanium sheet (Grade 2 as per ASME B265) for chimney mini-shell including nuts, bolts, washers, screws and any other accessories as required for proper fixing, preparation of detailed fabrication drawings etc. all complete per specification, drawing and as directed by the Engineer-in-charge.(Net quantity of titanium erected will be paid) QTY 2 0 MT Weightage 0.09058132	SHALL BE AS PER TENDER

ANNEXURE-A TO TCN-02
TENDER NO :PSER:SCT:BAR-C1962:19

Sl. No.	Reference clause of Tender Document	Existing provision	Bidder's query	BHEL's Clarification
7	VOLUME-III PRICE SCHEDULE, REV-0 A32S	<p>Design, supply, fabrication of expansion compensator joints, comprising of nonmetallic material suitable for wet stack operations and acid resistant to withstand acidic flue gas condensates arising out of flue gas parameters & operating conditions as per specification and shall also prevent dust accumulation, including nuts, bolts, washers, screws and any other accessories as required, preparation of detailed fabrication drawings etc all complete as per specification, drawing and as directed by the Engineer-in-charge. Design of expansion joint shall comply EPRI guideline to avoid contact of condensate with expansion joint material and to ensure drainage of condensate and the same shall be approved by BHEL/NTPC. (Net erected quantity will be paid) QTY 60 SQM Weightage 0.033309750</p>	<p>BIL Propose that Design, supply, fabrication of expansion compensator joints, comprising of nonmetallic material suitable for wet stack operations and acid resistant to withstand acidic flue gas condensates arising out of flue gas parameters & operating conditions as per specification and shall also prevent dust accumulation, including nuts, bolts, washers, screws and any other accessories as required, preparation of detailed fabrication drawings etc all complete as per specification, drawing and as directed by the Engineer-in-charge. Design of expansion joint shall comply EPRI guideline to avoid contact of condensate with expansion joint material and to ensure drainage of condensate and the same shall be approved by BHEL/NTPC. (Net erected quantity will be paid) QTY 60 SQM Weightage 0.03620975</p>	AS PER TENDER