



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Govt. of India Undertaking)

**TCN - 07**

Ref: PSER:SCT: BAR-M2007:TCN-07

Date: 07-03-2020

Sub	<b>Tender Change Notice (TCN) - 07.</b>	
Job	Erection, Testing, Commissioning and Handing over of total Flue Gas Desulphurisation Plant of 3X660 MW, Stage-I, Barh STPP, Barh, Bihar.	
Ref	1.0	Tender no PSER:SCT:BAR-M2007:20
	2.0	BHEL's NIT, vide reference no PSER:SCT:BAR-M2007:7756 Date: 09-01-2020
	3.0	BHEL's TCN-01, vide reference no PSER:SCT: BAR-M2007:TCN-01 Date:30-01-2020
	4.0	BHEL's TCN-02, vide reference no PSER:SCT: BAR-M2007:TCN-02 Date:07-02-2020
	5.0	BHEL's TCN-03, vide reference no PSER:SCT: BAR-M2007:TCN-03 Date:15-02-2020
	6.0	BHEL's TCN-04, vide reference no PSER:SCT: BAR-M2007:TCN-04 Date:22-02-2020
	7.0	BHEL's TCN-05, vide reference no PSER:SCT: BAR-M2007:TCN-05 Date:28-02-2020
	8.0	BHEL's TCN-06, vide reference no PSER:SCT: BAR-M2007:TCN-06 Date:07-03-2020
	9.0	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. Manager / (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 : योई/EPABX : (033) 2339 8000

**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 and Handing over of total Flue Gas Desulphurisation Plant of 3X660 MW, Stage-I, Barh STPP, Barh, Bihar.	
Ref	1.0	Tender no PSER:SCT:BAR-M2007:20
	2.0	BHEL's NIT, vide reference no PSER:SCT:BAR-M2007:7756 Date: 09-01-2020
	3.0	BHEL's TCN-01, vide reference no PSER:SCT: BAR-M2007:TCN-01 Date:30-01-2020
	4.0	BHEL's TCN-02, vide reference no PSER:SCT: BAR-M2007:TCN-02 Date:07-02-2020
	5.0	BHEL's TCN-03, vide reference no PSER:SCT: BAR-M2007:TCN-03 Date:15-02-2020
	6.0	BHEL's TCN-04, vide reference no PSER:SCT: BAR-M2007:TCN-04 Date:22-02-2020
	7.0	BHEL's TCN-05, vide reference no PSER:SCT: BAR-M2007:TCN-05 Date:28-02-2020
	8.0	BHEL's TCN-06, vide reference no PSER:SCT: BAR-M2007:TCN-06 Date:07-03-2020
	9.0	BHEL's TCN-07, vide reference no PSER:SCT: BAR-M2007:TCN-07 Date:07-03-2020
	10.0	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, SALTLAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : 033-2339 8000/ 2339 8236

Job: Erection, Testing, Commissioning and Handing over of total Flue Gas Desulphurisation Plant of 3X660 MW, Stage-I, Barh STPP, Barh, Bihar.				
Tender Number: PSER:SCT:BAR-M2007:20				
TCN-07 (ANNEXURE-A)				
Sl. No	Reference Clause of Tender Document	Existing Provision	Bidder's Query	BHEL's Clarification
1	Cl. No. 4.1.1 of Volume IF TCC-CML, page 2 &3 of 51	<p>4.1.1 Supply of raw materials &amp; fabrication of auxiliary support, small beam &amp; inserts, shear keys etc., Erection, testing, commissioning, trial run and handing over of the FGD system (Structural &amp; Mechanical) as per the tender specifications. FGD system mainly consists of Absorber tower along with oxidation blowers, booster fans, Lime stone grinding and slurry preparation system consist of wet ball mills , lime stone silos , slurry pumps, Gypsum dewatering system, associated piping, other auxiliaries i.e Fire protection system as per followings:</p> <p>1. Absorber system 2. Common limestone grinding &amp; slurry preparation system. 3. Common Gypsum dewatering system. 4. Auxiliary absorbent tank – for storage of absorber slurry of one unit. 5. Process water &amp; cooling water storage &amp; pumping system. 6. Sump &amp; sump pumps 7. Elevator 8. Booster fans 9. Structural steel (for absorbers, tanks &amp; ducting)</p>	<p>We assume that all materials shall be made available to the contractor in fabricated and painted condition. Only touch-up painting, assembly and erection is to be carried out by the contractor. Kindly clarify whether any raw materials, as mentioned in the referred clause, is to be supplied by the contractor and the quantity to be supplied and the item of the BOQ under which it shall be paid.</p>	<p>Supply of Misc. raw materials that may be required for providing auxiliary support, small beam &amp; inserts, shear keys etc under bidder's scope. These items &amp; their fabrication is required for erection of structural portion/members of this package. No extra payments shall be made separately for these materials. Bidder to quote accordingly.</p>
2	Cl. No. 4.2 of Volume IF TCC-CML, page 3 of 51	<p>4.2 The scope of work under these specifications for Supply of raw materials &amp; fabrication of auxiliary support, small beam &amp; inserts, share keys etc , Erection, testing, commissioning, trial operation &amp; handing over of FGD system(Mechanical),fire protection system broadly consists of but not limited to following:.....</p> <p>4.2.1 Taking delivery of the materials from the project storage yard /stores /sheds to erection site.</p> <p>4.2.2 Their preservation, safe keeping, watch and ward.</p> <p>4.2.3 Checking, dressing, chipping and levelling of foundations.</p> <p>4.2.4 Pre-assembly, erection, alignment of various equipment's, machining and grouting.</p> <p>4.2.5 Welding, heat treatment, radiography, UT and other non-destructive tests wherever required as per approved quality plan/drawings/ documents.</p> <p>4.2.6 Hydraulic testing, air/gas leak test, air tightness test, other pre commissioning tests as per approved quality plan/drawings/ documents</p> <p>4.2.7 Insulation and finish painting including supply of paints etc.</p> <p>4.2.8 Erection and dismantling of all temporary system etc. required for above operations and other commissioning activities including post commissioning operations and stabilisation of the unit,</p> <p>4.2.9 FGD system trial run, resolving any deficiencies observed and handing over the FGD system to customer M/s NTPC.</p>	<p>We assume that all materials shall be made available to the contractor in fabricated and painted condition. Only touch-up painting, assembly and erection is to be carried out by the contractor. Kindly clarify whether any raw materials, as mentioned in the referred clause, is to be supplied by the contractor and the quantity to be supplied and the item of the BOQ under which it shall be paid.</p>	<p>Supply of Misc. raw materials that may be required for providing auxiliary support, small beam &amp; inserts, shear keys etc under bidder's scope. These items &amp; their fabrication is required for erection of structural portion/members of this package. No extra payments shall be made separately for these materials. Bidder to quote accordingly.</p>
3	General		<p>Kindly confirm that all statutory approvals required for completion of the plant shall be in the scope of BHEL / NTPC. Bidder / Contractor shall not be liable for obtaining any approvals from competent authorities for completion and commissioning of the plant.</p>	<p>As per tender.</p> <p>The contractor should visit project site and acquire full knowledge and information about conditions prevailing at site and in &amp; around the plant premises, together with all the statutory, obligatory, mandatory requirements of various authorities , before submission of the bid.</p>