



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 02

Ref: PSER:SCT:PSC-M1706:TCN-02

Date: 19-12-2015

Sub	Tender change notice (TCN) 02	
Job	Material management work of 6 x 170 MW Hydro Turbine and Generator & Aux., C&I of Hydro Turbine & Turbo-Generator, piping, insulations, including materials of BOPs & Erection, testing and commissioning and handing over of 6x 170 MW Generating Units at 6x170 MW Punatsangchhu-II HEP, Bhutan.	
Ref	1.0	Tender no PSER:SCT:PSC-M1706:15
	2.0	BHEL's NIT, vide reference no PSER:SCT:PSC-M1706:4772 Date: 03-12-2015.
	3.0	BHEL's TCN-01, vide reference PSER:SCT:PSC-M1706:TCN-01, dated 08-12-2015.
	4.0	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 offer.

- 1.0 The clarifications to bidders queries are attached at **Annexure-A**.
- 2.0 Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
- 3.0 All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

Sr. ENGR (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 : 23211691, 23211798, 23211796

Sl no	Ref. clause of Tender	Existing provision	Bidder's query	BHEL's clarification
1.	Page No19 of TCC Vol-1F:- CL NO. 1.2.2.8.4 & 1.2.2.8.5 AND Page No 64 of TCC Vol 1F CL. 3.5.10 & 3.5.11	Page No19 of TCC Vol-1F:- Tools and special equipments and testing devices and instruments (common for all six units) as listed out in 1.2.2.8.4 and 1.2.2.8.5 below shall be provided for use during erection free of hire charges. The contractor shall be responsible for proper use of these items and shall return the same after use in good condition failing which damaged items shall be repaired/replaced at the cost of contractor. Which includes:- 1.2.2.8.4.26 One set of Core flux test transformer 1.2.2.8.4.27 One set of cables for flux test 1.2.2.8.4.28 One set of AC HV test kit 1.2.2.8.4.29 One set of Rectifier for stator winding dry out. ***** Page No 64 of TCC Vol 1F <u>3.5.10</u> Before HV Test, the components / equipment are to be cleaned and dried out properly for making the insulation totally free from moisture, dirt, dust & all other foreign materials and achieve the desired dielectric strength substantiated by the IR & PI Values as per the dry out procedure and readings of all important dry out parameters to be taken at regular intervals as prescribed in the procedure or as directed by BHEL Engineer. Records are to be maintained and signed jointly by BHEL and customer. All the arrangements for dry out like heating, covering, manning for maintenance and control ofv operation, measurements taking & recording etc including provision of all covering materials like asbestos sheet, asbestos cloth, GI Sheets, heating elements if required etc. are to be made by the contractor. <u>The Rectifier Unit</u> for heating and motorized Meggar for IR & PI measurements <u>will be arranged by the contractor.</u> and all other equipment / instruments required for dry out and HV Test are to be arranged by the contractor and all electrical items excluding cables for both input and output sides of the Rectifier has to be arranged by the contractor at his cost. <u>3.5.11 HV Test Kit for HV Test of Rotor, Stator Bars & whole wound Stator will be arranged by the contractor</u>	The provision on page no 19 and page no 64 of TCC Vol-1F are contrary, please clarify.	Clauses 3.5.10 and 3.5.11 are amended as below : <u>3.5.10</u> The Rectifier Unit for heating and motorized Meggar for IR and PI measurements shall be provided to the Contractor free of hire charges. However, The contractor shall be responsible for proper use of these items and shall return the same after use in good condition failing which damaged items shall be repaired/replaced at the cost of contractor. <u>3.5.11</u> HV Test Kit for HV Test of Rotor, Stator Bars and whole wound Stator shall be provided to the Contractor free of hire charges. However, The contractor shall be responsible for proper use of this item and shall return the same after use in good condition failing which damaged items shall be repaired/replaced at the cost of contractor.

Sl no	Ref. clause of Tender	Existing provision	Bidder's query	BHEL's clarification
2.		Page No1 of TCC Vol-1F:- INDEX LIST OF T&P,IMTE & CONSUMABLES TO BE PROVIDED BY BHEL ANNEXURE-3 LIST OF T&P,IMTE & CONSUMABLES TO BE ARRANGED BY CONTRACTOR ANNEXURE-4	ANNEXURE-3& 4 missing in Vol- 1F (TCC)	REFER TCN-01.
3.	Note 1 – Sch-1 Main Price – Volume-III Rev.00 Price Schedule	Total price of Sl.No.2.0 shall not be more than 10% of the grand total price at sl.no.3.0	It should be mentioned as: Total price of Sl.No.1.0 shall not be more than 10% of the grand total price at sl.no.3.0	The Note-1 of SCH-1 of the Price Schedule is modified as below : “Total price of Sl.no. 1.0 shall not be less than 5% and more than 9% of the grand total price at sl. no. 3.0”.

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	Material management work of 6 x 170 MW Hydro Turbine and Generator & Aux., C&I of Hydro Turbine & Turbo-Generator, piping, insulations, including materials of BOPs & Erection, testing and commissioning and handing over of 6x 170 MW Generating Units at 6x170 MW Punatsangchhu-II HEP, Bhutan.	
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	3.0	BHEL's TCN-01, vide reference PSER:SCT:PSC-M1706:TCN-01, dated 08-12-2015.
		BHEL's TCN-02, vide reference PSER:SCT:PSC-M1706:TCN-02, dated 19-12-2015.
	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 offer in accordance with tender instructions 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

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