



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 06

Ref: PSER:SCT:PSC-E2165:TCN-06

Date: 20-10-2022

Sub	Tender Change Notice (TCN) – 06	
Job	Erection, Testing, Pre-Commissioning, Commissioning and Handing over to the Customer of 6 (six) sets Isolated Phase Bus Duct (IPBD) with auxiliaries at underground transformer cavern & power house cavern and associated material management & handling along with local transportation from BHEL store to Erection site as per scope at 6X200 MW Punatsangchhu-I Hydroelectric Project, Wangdue Phodrong, Bhutan.	
Ref	1.0	Tender no. PSER:SCT:PSC-E2165:22
	2.0	BHEL's NIT, vide reference no. PSER:SCT:PSC-E2165:9421, Date: 15-09-2022.
	3.0	BHEL's TCN-01, vide reference no. PSER:SCT:PSC-E2165:TCN-01, Date: 20-09-2022.
	4.0	BHEL's TCN-02, vide reference no. PSER:SCT:PSC-E2165:TCN-02, Date: 27-09-2022.
	5.0	BHEL's TCN-03, vide reference no. PSER:SCT:PSC-E2165:TCN-03, Date: 10-10-2022.
	6.0	BHEL's TCN-04, vide reference no. PSER:SCT:PSC-E2165:TCN-04, Date: 12-10-2022.
	7.0	BHEL's TCN-05, vide reference no. PSER:SCT:PSC-E2165:TCN-05, Date: 15-10-2022.
	8.0	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. Clarification to bidder's queries attached vide Annexure-A to this TCN-06.
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

DY. 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

ANNEXURE-A TO TCN-06

JOB: Erection, Testing, Pre-Commissioning, Commissioning and Handing over to the Customer of 6 (six) sets Isolated Phase Bus Duct (IPBD) with auxiliaries at underground transformer cavern & power house cavern and associated material management & handling along with local transportation from BHEL store to Erection site as per scope at 6X200 MW Punatsangchhu-I Hydroelectric Project, Wangdue Phodrong, Bhutan.

TENDER NO - PSER:SCT:PSC-E2165:22.

CLARIFICATION

Sl. No.	Reference clause of tender document	Existing Provision	Bidder's Query	BHEL's Clarification
1	Clause No. 6.6.2.1 of Volume-IF-TCC	BOX SECTION CIRCUMFERENTIAL WELD JOINTS:	Please confirm if we have to consider 4 x 25 mm Tack welding or continuous welding of Box Section 2 x 254 mm Aluminium Channel conductor / 13.18 mm thick of IP Bus Duct.	25 mm long equi-spaced Tack Welding is to be done at four places for alignment of Box Sections. After alignment, Seam weld is to be done all around the joints.
2	Clause No. 6.6.2.2 of Volume-IF-TCC	TUBULAR CONDUCTORS WELD:	Please confirm if we have to consider 4 x 25 mm Tack welding or continuous butt joint welding of $\varnothing$ 450 mm OD tubular / 15 mm thick & $\varnothing$ 114.3 mm OD tubular / 8.56 mm thick Aluminium Conductor.	25 mm long equi-spaced tack welding is to be done at four places for alignment of Tubular Conductor. After alignment, Seam weld is to be done all around the circumference of the joint as mentioned in the clause.
3	Clause No. 6.6.2.3 of Volume-IF-TCC	ENCLOSURE: CIRCUMFERENTIAL WELDS:	Please confirm if we have to consider 4 x 25 mm Tack welding or continuous welding of Box Section /enclosure of IP Bus Duct.	25 mm long equi-spaced tack welding is to be done at four places for alignment of make-up pieces/ shunts. After alignment, Seam weld is to be done all around the circumference of the joint as well as straight joints between two segments of make-up pieces.
4	General	-	Apart from above you are also requested to confirm process of testing welding joints we should consider.	Kindly refer TCC Cl. No. 6.15.2 under Cl. no. 6.15 - SITE TESTS/ CHECKS . It says, "Welding joint check (100% Dye-Penetration as specified in drawing and required for each site welded joints of Aluminium Alloy Conductor and Ducts)".

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, Pre-Commissioning, Commissioning and Handing over to the Customer of 6 (six) sets Isolated Phase Bus Duct (IPBD) with auxiliaries at underground transformer cavern & power house cavern and associated material management & handling along with local transportation from BHEL store to Erection site as per scope at 6X200 MW Punatsangchhu-I Hydroelectric Project, Wangdue Phodrong, Bhutan.	
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	6.0	BHEL's TCN-04, vide reference no. PSER:SCT:PSC-E2165:TCN-04, Date: 12-10-2022.
	7.0	BHEL's TCN-05, vide reference no. PSER:SCT:PSC-E2165:TCN-05, Date: 15-10-2022.
	8.0	BHEL's TCN-06, vide reference no. PSER:SCT:PSC-E2165:TCN-06, Date: 20-10-2022
	9.0	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)