



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 03

Ref: PSER:SCT:SRG:M1736:TCN-03

Date: 20/04/16

Sub	Tender change notice (TCN) 03	
Job	Design, Engineering, Supply, Erection & Commissioning Of Double Girder EOT Crane Upto 50 T Package . For RRVUNL, 2x660 MW, Stage-V, Unit # 7 & 8 Suratgarh Super Critical TPS, Rajasthan.	
Ref	1.0	Tender no PSER:SCT:SRG-M1736:16
	2.0	BHEL's NIT, vide reference no PSER:SCT:SRG-M1736:16: 4944 Date: 24/03/16
	3.0	BHEL's TCN-01 vide ref PSER:SCT:SRG:M1736:TCN-01 datd 08/04/16
	4.0	BHEL's TCN-02 vide ref PSER:SCT:SRG:M1736:TCN-01 datd 12/04/16
	5.0	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 Clarification to bidder's queries is attached as per Annexure-A to TCN -03.
- 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

DY MGR (SCT)

Encl

- 1.0 Annexure-A to TCN-03

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

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	Design, Engineering, Supply, Erection & Commissioning Of Double Girder EOT Crane Upto 50 T Package for RRVUNL, 2x660 MW, Stage-V, Unit # 7 & 8 Suratgarh Super Critical TPS, Rajasthan.	
Ref	1.0	Tender no PSER:SCT:SRG-M1736:16
	2.0	BHEL's NIT, vide ref no : PSER:SCT:SRG-M1736:16:4944 Date: 24/03/16
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:SRG:M1736:TCN-01 dated 08/04/16
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:SRG:M1736:TCN-02 dated 12/04/16
	5.0	BHEL's TCN-03, vide reference no PSER:SCT:SRG:M1736:TCN-03 dated 20/04/16
	6.0	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

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211691, 23211798, 23211796

ANNEXURE-A TO TCN-03

Job	DESIGN, ENGINEERING, SUPPLY, ERECTION & COMMISSIONING OF DOUBLE GIRDER EOT CRANE UPTO 50T PACKAGE, FOR RRVUNL, 2X660 MW, STAGE – V, UNIT # 7 & 8 SURATGARH SUPER CRITICAL TPS, RAJASTHAN
Tender no.	PSER-SCT-SRG-M1736-16

Sl. No.	Reference clause of tender document	Existing provision	Bidder's query	BHEL's clarification
1	Volume II, Section D, Technical Specification No.PE-TS-392-501-A002 Rev.02 Crane clearance diagrams, page nos. 100 to 102 of 236		The wheel loads indicated in Crane clearance diagrams are indicative or are maximum?	Wheel loads indicated are maximum.
2	Volume II, Section D, Technical Specification No.PE-TS-392-501-A002 Rev.02 Crane clearance diagrams, page nos. 100 to 102 of 236		Similarly, the wheel base dimensions indicated in Crane clearance diagrams are indicative or are maximum/ minimum from gantry loading considerations?	No changes in LT wheel base dimension are acceptable. Specification requirement to be followed.
3	Volume II, Section D, Technical Specification No.PE-TS-392-501-A002 Rev.02, Clause no 3.5.0,(e), Page no 88 of 236 & Data Sheet – A , Clause no 3.25.0 (c) , page 97 of 236	Main controls thru' single joystick movement or double joystick movement type....	The Radio Remote Control (RRC) system is mentioned to be of Joystick type. This type of RRC is used for Turbine hall or large capacity cranes. The cranes under tender are upto 50T capacity and in such similar cranes in the past Push button type RRC have been specified and supplied. Hence, for this tender also, the same may be modified.	Specification requirement to be followed.
4	Volume II, Section D, Technical Specification No.PE-TS-392-501-A002 Rev.02, Data Sheet – A , Clause no 1.6.0 , page 89 of 236	Operation from - Radio Remote operated	Workshop Building crane is specified to be operated only by RRC. Dual control with Pendant push button is normally specified and provided for use in case of failure of any one system.	The requirement given in specification is minimum.

ANNEXURE-A TO TCN-03

Job	DESIGN, ENGINEERING, SUPPLY, ERECTION & COMMISSIONING OF DOUBLE GIRDER EOT CRANE UPTO 50T PACKAGE, FOR RRVUNL, 2X660 MW, STAGE – V, UNIT # 7 & 8 SURATGARH SUPER CRITICAL TPS, RAJASTHAN
Tender no.	PSER-SCT-SRG-M1736-16

Sl. No.	Reference clause of tender document	Existing provision	Bidder's query	BHEL's clarification
5	Volume IIB ,Section C, Technical Specification No.PE-TS-392-501-A002 Rev.02, Data Sheet – A , Clause no 31, page 36 to 236	Runway Conductors-PVC Shrouded Copper Bus bar/ Insulated Bus	The maximum electrical loading is not very high hence the Down shop leads conductor may be permitted of GI instead of Copper as specified in Technical specifications.	Specification requirement to be followed.
6	Volume IIB , Section C, Technical Specification No.PE-TS-392-501-A002 Rev.02, Data Sheet – A.		User technical specifications included in tender are of Turbine Hall crane of 150T capacity. The same shall not be applicable to the cranes under tender.	In general technical details given at Volume IIB , Section D, Technical Specification No.PE-TS-392-501-A002 Rev.02, Data Sheet – A (at page no 89 to 102 of 236) has to be followed. Data sheet A, attached at Section C (TCE specification) at page no 35 to 37 of 236 are to be referred for any additional details.