



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 06

Ref: PSER:SCT: NKP-C1629:TCN-06

Date: 09-01-2015

Sub	Tender Change Notice (TCN) - 06.	
Job	(i) PACKAGE A - Civil, Structural and Architectural works etc. of BTG area for Unit # 1 & 3 for 3X660 MW North Karanpura STPP, Jharkhand. (ii) PACKAGE B - Civil, Structural and Architectural works etc. of BTG area for Unit # 2, Boundary wall in two phases and watch towers for 3X660 MW North Karanpura STPP, Jharkhand.	
Ref	1.0	Tender no PSER:SCT:NKP-C1629:14
	2.0	BHEL's NIT, vide reference no PSER:SCT:NKP-C1629:4090 Date: 25-11-2014
	3.0	BHEL's TCN-01, vide reference no PSER:SCT: NKP-C1629:TCN-01 Date: 03-12-2014
	4.0	BHEL's TCN-02, vide reference no PSER:SCT: NKP-C1629:TCN-02 Date: 11-12-2014
	5.0	BHEL's TCN-03, vide reference no PSER:SCT: NKP-C1629:TCN-03 Date: 19-12-2014
	6.0	BHEL's TCN-04, vide reference no PSER:SCT: NKP-C1629:TCN-04 Date: 26-12-2014
	7.0	BHEL's TCN-05, vide reference no PSER:SCT: NKP-C1629:TCN-05 Date: 01-01-2015
	8.0	Other References, if any.

With reference to above, following points, relevant to tender, may please be noted and complied with while submitting the offer.

- 1) Clarification is attached vide Annexure-A to TCN-06.
- 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

Sr.Engineer (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 : बोर्ड/EPABX : 23211798/ 1691

(i) PACKAGE A - Civil, Structural and Architectural works etc. of BTG area for Unit # 1 & 3 for 3X660 MW North Karanpura STPP, Jharkhand.& (ii) PACKAGE B - Civil, Structural and Architectural works etc. of BTG area for Unit # 2, Boundary wall in two phases and watch towers for 3X660 MW North Karanpura STPP, Jharkhand.
(Tender no PSER:SCT:NKP-C1629:14)

ANNEXURE-A TO TCN-06

MODIFICATIONS/CLARIFICATIONS

SL. NO.	REFERENCE CLAUSE OF TENDER	DESCRIPTION OF EXISTING PROVISION	BIDDER'S QUERY	BHEL'S CLARIFICATION
1	ST. No. 2301C of Volume III, Price Schedule Rev-02, Package-A, Sch-2 Service Part	Transportation, fabrication and erection of ERW GI pipe section of minimum grade Yst 240 conforming to IS:1161, in columns, beams, ties, struts, bracings, roof truss, connections to other members(tubular/non-tubular), special connections if required etc.including blast cleaning, providing & applying primer, providing and applying intermediate, final and final finish coat of paint (blast cleaning,primer and paint shall be paid separately as per item no 2302A, 2304A, 2304B & 2304 C), connection design & preparation of fabrication drgs,cutting,grinding, machining, drilling, welding, electrodes and other consumables, alignment, erection bolts & nuts (weight of erection bolts & nuts not payable), assembly, edge preparation, preheating/post heating if required, testing of welders, inspection of welds, visual inspection, non destructive and special testing, rectification and correction of defective welding works, inspection and testing, erection scheme, protection against damage in transit, stability of structures,surface preparation by means of manual or mechanical power tools as per IS:1477 part 1, touch-up painting, rectification, installation of temporary structures(scaffolding, access ladders, working platforms etc.) if required, dismantling and removal of temporary structures after completion of work (weight of temporary structures not payable), etc all complete. Payment shall be made for weight of structure but not for Nuts & Bolts/washers, gusset plates, stiffeners, special connections etc.	The item fabrication appears in ST. No. 2301C of Volume III, Price Schedule Rev-02, Package-A, Sch-3 Supply Part as well. Kindly confirm the item in which fabrication of ERW GI pipe section is to be considered.	Items vide subject ST nos. in Schedule -3 Supply part of the BOQ correspond only to supply of material against item description. Fabrication, erection & alignment, all complete as per item description is covered in Schedule 2 – Service part In otherwords, "site fabrication,alignment ,welding etc." if indicated in any item of the Schedule-3- Supply part shall not applicable and is to be ignored.
2	ST. No. 2301D of Volume III, Price Schedule Rev-02, Package-A, Sch-2 Service Part	Transportation, fabrication and erection of galvanized Hollow steel sections (square & rectangular) of minimim grade Yst 240 conforming to IS:4923, in ties, struts, bracings,roof truss, connections to other members(tubular/non-tubular) etc. including blast cleaning, providing & applying primer,providing and applying intermediate, final and final finish coat of paint (blast cleaning,primer and paint shall be paid separately as per item no 2302A, 2304A, 2304B & 2304 C), connection design & preparation of fabrication drgs,cutting,grinding, machining, drilling, welding, electrodes and other consumables, alignment, erection bolts & nuts (weight of erection bolts, nuts and welds not payable), assembly, edge preparation, preheating if required, post heating, testing of welders, inspection of welds, visual inspection, non destructive and special testing, rectification and correction of defective welding works, inspection and testing, erection scheme, protection against damage in transit, stability of structures,surface preparation by means of manual or mechanical power tools as per IS:1477 part 1, touch-up painting, rectification, installation of temporary structures(scaffolding, access ladders, working platforms etc.) if required, dismantling and removal of temporary structures after completion of work (weight of temporary structures not payable), etc all complete. Payment shall be made for weight of structure but not for Nuts & Bolts/washers, gusset plates, stiffeners, special connections etc.	The item fabrication appears in ST. No. 2301D of Volume III, Price Schedule Rev-02, Package-A, Sch-3 Supply Part as well. Kindly confirm the item in which fabrication of Galvanised Hollow Steel Sections is to be considered.	
3	ST. No. 2301C of Volume III, Price Schedule Rev-02, Package-B, Sch-2 Service Part	Supply, fabrication and erection of ERW GI pipe section of minimum grade Yst 240 conforming to IS:1161, in columns, beams, ties, struts, bracings, roof truss,connections to other members(tubular/non-tubular), special connections if required etc. including blast cleaning, providing & applying primer,providing and applying intermediate, final and final finish coat of paint (blast cleaning,primer and paint shall be paid separately as per item no 2302A, 2304A, 2304B & 2304 C), connection design & preparation of fabrication drgs,cutting,grinding, machining, drilling, welding, electrodes and other consumables, alignment, erection bolts & nuts (weight of erection bolts & nuts not payable), assembly, edge preparation, preheating/post heating if required, testing of welders, inspection of welds, visual inspection, non destructive and special testing, rectification and correction of defective welding works, inspection and testing, erection scheme, protection against damage in transit, stability of structures,surface preparation by means of manual or mechanical power tools as per IS:1477 part 1, touch-up painting, rectification, installation of temporary structures(scaffolding, access ladders, working platforms etc.) if required, dismantling and removal of temporary structures after completion of work (weight of temporary structures not payable), etc all complete. Payment shall be made for weight of structure but not for Nuts & Bolts/washers, gusset plates, stiffeners, special connections etc	The item Supply and fabrication appears in ST. No. 2301C of Volume III, Price Schedule Rev-02, Package-B, Sch-3 Supply Part as well. Kindly confirm the item in which Supply & fabrication of ERW GI pipe section is to be considered.	
4	ST. No. 2301D of Volume III, Price Schedule Rev-02, Package-B, Sch-2 Service Part	Supply, fabrication and erection of galvanized Hollow steel sections (square & rectangular) of minimim grade Yst 240 conforming to IS:4923, in ties, struts, bracings,roof truss, connections to other members(tubular/non-tubular) etc. including blast cleaning, providing & applying primer,providing and applying intermediate, final and final finish coat of paint (blast cleaning,primer and paint shall be paid separately as per item no 2302A, 2304A, 2304B & 2304 C), connection design & preparation of fabrication drgs,cutting,grinding, machining, drilling, welding, electrodes and other consumables, alignment, erection bolts & nuts (weight of erection bolts, nuts and welds not payable), assembly, edge preparation, preheating if required, post heating, testing of welders, inspection of welds, visual inspection, non destructive and special testing, rectification and correction of defective welding works, inspection and testing, erection scheme, protection against damage in transit, stability of structures,surface preparation by means of manual or mechanical power tools as per IS:1477 part 1, touch-up painting, rectification, installation of temporary structures(scaffolding, access ladders, working platforms etc.) if required, dismantling and removal of temporary structures after completion of work (weight of temporary structures not payable), etc all complete. Payment shall be made for weight of structure but not for Nuts & Bolts/washers, gusset plates, stiffeners, special connections etc.	The item Supply and fabrication appears in ST. No. 2301D of Volume III, Price Schedule Rev-02, Package-B, Sch-3 Supply Part as well. Kindly confirm the item in which Supply & fabrication of Galvanised Hollow Steel sections is to be considered.	

SL. NO.	REFERENCE CLAUSE OF TENDER	DESCRIPTION OF EXISTING PROVISION	BIDDER'S QUERY	BHEL'S CLARIFICATION
5	Clause No 3.3 & 17.1 of TCC AND Package-B, Sch-4 (BOUNDARY WALL)	--	Please clarify whether cement, reinforcement steel to be used for BOUNDARY WALL PHASE I & PHASE-II (PART-3) (SCH-4) will be issued by BHEL free of cost. Clause 3.3 page 3 of 39 of TCC service VOLUME-IF-CML-REV-00 states that the work to be performed under this specification includes all materials, labour etc. Clause 17.1 page 14 of 39 of TCC service VOLUME-IF-CML-REV-00 states that cement, reinforcement steel etc for use in the work covered under this contract will be issued by BHEL free of cost. As Boundary wall is also under Tender No PSER:SCT:NKP-C1629:14. So we will request you to clarify the same	Scope of supply of cement and steel is explicitly mentioned in respective BOQ items. Further, earlier clarification in respect of subject query may please be referred. Also note that, Cement and steel will not be supplied by BHEL for factory manufactured items.
6	Extension of Due Date of Submission	--	--	No extension is envisaged at this juncture.
SL. NO.	REFERENCE CLAUSE OF TENDER	EXISTING PROVISION	MODIFIED PROVISION	
1	ST. No. 402 of Volume III, Price Schedule Rev-02, -Package-A, Sch-2 Service Part, -Package-B, Sch-2 Service Part -Package-B, Sch-4 (BOUNDARY WALL)	Providing, straightening, cutting, bending, placing in position at any level, binding in position of steel reinforcements of TMT steel of grade Fe-500 HYSD confirming to IS:1786 including cost of binding wire, labour, scaffolding, transportation to & from stores etc complete all as per specifications, drawings and as directed by Engineer. (STEEL WILL BE SUPPLIED BY BHEL FREE OF COST)	Transportation,handling,straightening, cutting, bending, placing in position at any level, binding in position of steel reinforcements of TMT steel of grade Fe-500 HYSD confirming to IS:1786 including cost of binding wire, labour, scaffolding, transportation to & from stores etc complete all as per specifications, drawings and as directed by Engineer. (STEEL WILL BE SUPPLIED BY BHEL FREE OF COST)	
2	ST. No. 2315A of Volume III, Price Schedule Rev-02, -Package-A, Sch-2 Service Part, -Package-B, Sch-2 Service Part	Supply, fabrication and erection of minimum 4.0 mm thick stainless steel liner of grade SS:304(as manufactured by SAIL Finish Grade 2B (Cold rolled, Annealed & Pickled and Skin passed)) on M.S. plate for inside surfaces of bunkers including fixing with stainless steel studs, bolting (including countersunk), welding with electrode classification E308L for welding of stainless steel to stainless steel and E309 for stainless steel to mild steel etc. all complete. Supply of bolts, studs is included in this item. (STAINLESS STEEL WILL BE SUPPLIED FREE OF COST BY BHEL AS PER TCC)	Transportation,handling,fabrication and erection of minimum 4.0 mm thick stainless steel liner of grade SS:304(as manufactured by SAIL Finish Grade 2B (Cold rolled, Annealed & Pickled and Skin passed)) on M.S. plate for inside surfaces of bunkers including fixing with stainless steel studs, bolting (including countersunk), welding with electrode classification E308L for welding of stainless steel to stainless steel and E309 for stainless steel to mild steel etc. all complete. Supply of bolts, studs is included in this item. (STAINLESS STEEL WILL BE SUPPLIED FREE OF COST BY BHEL AS PER TCC)	
3	ST. No. 2320 of Volume III, Price Schedule Rev-02, -Package-A, Sch-2 Service Part, -Package-B, Sch-2 Service Part	Supply, fabrication and fixing of GI pipe hand railing (900 mm high) of 32 mm/40 mm dia (Medium Grade) including transportation, loading/unloading, painting etc. all complete. (GI PIPE WILL BE SUPPLIED FREE OF COST BY BHEL AS PER TCC)	Transportation,handling, fabrication and fixing of GI pipe hand railing (900 mm high) of 32 mm/40 mm dia (Medium Grade) including transportation, loading/unloading, painting etc. all complete. (GI PIPE WILL BE SUPPLIED FREE OF COST BY BHEL AS PER TCC)	

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	(i) PACKAGE A - Civil, Structural and Architectural works etc. of BTG area for Unit # 1 & 3 for 3X660 MW North Karanpura STPP, Jharkhand. (ii) PACKAGE B - Civil, Structural and Architectural works etc. of BTG area for Unit # 2, Boundary wall in two phases and watch towers for 3X660 MW North Karanpura STPP, Jharkhand.	
Ref	1.0	Tender no PSER:SCT:NKP-C1629:14
	2.0	BHEL's NIT, vide reference no PSER:SCT:NKP-C1629:4090 Date: 25-11-2014
	3.0	BHEL's TCN-01, vide reference no PSER:SCT: NKP-C1629:TCN-01 Date: 03-12-2014
	4.0	BHEL's TCN-02, vide reference no PSER:SCT: NKP-C1629:TCN-02 Date: 11-12-2014
	5.0	BHEL's TCN-03, vide reference no PSER:SCT: NKP-C1629:TCN-03 Date: 19-12-2014
	6.0	BHEL's TCN-04, vide reference no PSER:SCT: NKP-C1629:TCN-04 Date: 26-12-2014
	7.0	BHEL's TCN-05, vide reference no PSER:SCT: NKP-C1629:TCN-05 Date: 01-01-2015
	8.0	BHEL's TCN-06, vide reference no PSER:SCT: NKP-C1629:TCN-06 Date: 09-01-2015
	8.0	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)

<p>पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय) POWER SECTOR EASTERN REGION, DJ-9/1, SALT LAKE CITY, KOLKATA - 700 091 फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : 23211798/ 1691</p>
