



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 15

Ref: PSER:SCT:NKP-M1645:TCN-15

Date: 10-04-2015

Sub	Tender change notice (TCN) 15	
Job	Design, engineering, manufacturing, supply, erection, testing, commissioning, etc of Ventilation System for 3x660 MW units at North Karanpura Super Thermal Power Project, Jharkhand.	
Ref	1.0	Tender no PSER:SCT:NKP-M1645:14
	2.0	BHEL's NIT, vide reference no PSER:SCT: NKP-M1645:4151, dated 08-01-2015
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:NKP-M1645:TCN-01, dated 16-01-2015.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:NKP-M1645:TCN-02, dated 20-01-2015.
	5.0	BHEL's TCN-03, vide reference no PSER:SCT:NKP-M1645:TCN-03, dated 02-02-2015.
	6.0	BHEL's TCN-04, vide reference no PSER:SCT:NKP-M1645:TCN-04, dated 11-02-2015.
	7.0	BHEL's TCN-05, vide reference no PSER:SCT:NKP-M1645:TCN-05, dated 23-02-2015.
	8.0	BHEL's TCN-06, vide reference no PSER:SCT:NKP-M1645:TCN-06, dated 25-02-2015.
	9.0	BHEL's TCN-07, vide reference no PSER:SCT:NKP-M1645:TCN-07, dated 26-02-2015.
	10.0	BHEL's TCN-08, vide reference no PSER:SCT:NKP-M1645:TCN-08, dated 02-03-2015.
	11.0	BHEL's TCN-09, vide reference no PSER:SCT:NKP-M1645:TCN-09, dated 06-03-2015.
	12.0	BHEL's TCN-10, vide reference no PSER:SCT:NKP-M1645:TCN-10, dated 09-03-2015.
	13.0	BHEL's TCN-11, vide reference no PSER:SCT:NKP-M1645:TCN-11, dated 16-03-2015.
	14.0	BHEL's TCN-12, vide reference no PSER:SCT:NKP-M1645:TCN-12, dated 17-03-2015.
	15.0	BHEL's TCN-13, vide reference no PSER:SCT:NKP-M1645:TCN-13, dated 25-03-2015.
	16.0	BHEL's TCN-14, vide reference no PSER:SCT:NKP-M1645:TCN-14, dated 08-04-2015.
	17.0	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 as per attached 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

- 1.0 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

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, manufacturing, supply, erection, testing, commissioning, etc of Ventilation System for 3x660 MW units at North Karanpura Super Thermal Power Project, Jharkhand.	
Ref	1.0	Tender no PSER:SCT:NKP-M1645:14
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	3.0	BHEL's TCN-01, vide reference no PSER:SCT:NKP-M1645:TCN-01, dated 16-01-2015.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:NKP-M1645:TCN-02, dated 20-01-2015.
	5.0	BHEL's TCN-03, vide reference no PSER:SCT:NKP-M1645:TCN-03, dated 02-02-2015.
	6.0	BHEL's TCN-04, vide reference no PSER:SCT:NKP-M1645:TCN-04, dated 11-02-2015.
	7.0	BHEL's TCN-05, vide reference no PSER:SCT:NKP-M1645:TCN-05, dated 23-02-2015.
	8.0	BHEL's TCN-06, vide reference no PSER:SCT:NKP-M1645:TCN-06, dated 25-02-2015.
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	15.0	BHEL's TCN-13, vide reference no PSER:SCT:NKP-M1645:TCN-13, dated 25-03-2015.
	16.0	BHEL's TCN-14, vide reference no PSER:SCT:NKP-M1645:TCN-14, dated 08-04-2015.
	17.0	BHEL's TCN-15, vide reference no PSER:SCT:NKP-M1645:TCN-15, dated 10-04-2015.
	18.0	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, SALTLAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

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

ANNEXURE-A TO TCN-15

Design, engineering, manufacturing, supply, erection, testing, commissioning, etc of Ventilation System for 3x660 MW units at North Karanpura Super Thermal Power Project, Jharkhand.

Tender no: PSER:SCT:NKP-M1645:14

Sl no	Reference clause of tender document	Existing provision	Bidder's query	BHEL's clarification
1	VOLUME II B , SECTION C-1, Page 30/ 473 Clause General , Sl no 5.4	Vendor to include level gauge & level switch for each Air-washer tank for alarm & trip of the pumps. Also include one no. Pressure switch for each air washer pump	Kindly confirm the scope of alarm and trip of the pumps .	The signals from the instrumentation shall be terminated through JB, The signals shall be used in Logic diagram in DCS . The LOGIC,Wiring,JB & Interconnection is in bidder scope. If any local panel is required for operation as per specification/bidder practice same shall be in bidder scope
2	VOLUME II B , SECTION C-1, Page 32/ 473 Clause General , Sl no 5.26	Motorized fire damper will be installed at supply and return air duct at suitable locations where duct pass through wall & floors for ease of isolation, maintenance and as well as for emergency operation. Fire damper in the supply and return air duct will be closed on receiving fire signal from fire protection system and shall also be possible manually from remote control panel. Necessary arrangement shall be incorporated in the duct for providing duct mounted multi sensor detectors in the return air duct for all air conditioned areas. Also respective Air washers/UAFs shall trip on receiving fire signal from fire protection system	Kindly confirm the scope for remote control panel and interlocking with fire protection system. Our panel will have provision only however same shall be done by others. Kindly confirm scope for cable and interconnection.	The signals from the Damper shall be terminated through JB, The signals shall be used in Logic diagram in DCS . The LOGIC,Wiring,JB & Interconnection is in bidder scope. If any local panel is required for operation as per specification/bidder practice same shall be in bidder scope. For scope of cable supply, Bidder to refer the Electrical scope sheet (Rev 1) issued vide addendum no. 1.

ANNEXURE-A TO TCN-15

Design, engineering, manufacturing, supply, erection, testing, commissioning, etc of Ventilation System for 3x660 MW units at North Karanpura Super Thermal Power Project, Jharkhand.

Tender no: PSER:SCT:NKP-M1645:14

Sl no	Reference clause of tender document	Existing provision	Bidder's query	BHEL's clarification
3	VOLUME II B , SECTION C-1, Page 33/ 473 Clause General , Sl no 5.38	All openings required in brick wall for installing the axial supply and exhaust fans, propeller fans, duct opening, louvers and damper openings etc shall be done by vendor. Grouting of fans along with anchor fasteners shall also be done by vendor. The openings shall be finished properly. In case openings are done once the wall have been painted, repainting, to match with the existing wall paint shall also be done by the vendor	We request you to do wall opening from your end, How ever all required drawing shall be provided by us . Kindly confirm the scope for required opening for roof extractor .	Bidder to follow the Technical specification for wall opening. Roof opening for RE unit fan shall be in BHEL scope.
4	VOLUME II B Clause : 9.03.01 page 48/473	Separate emergency local stop push button shall be provided for each pump, fans, etc. of Ventilation system	Please confirm scope for supply of LPBS and connection with fans .	Bidder to refer the Electrical scope sheet (Rev 1) issued vide addendum no. 1.
5	VOLUME II B Clause : 9.03.03 page 48/473	All the alarms related to failure of equipment's, tripping of equipment's, source of failure / reason due to which the equipment is stopped / tripped, low & high limits of parameters such as level, temperature, pressure drop, pressure etc shall be provided for each pump, fan, AWU etc. in the control system	Kindly confirm our scope of work as control panels is not mentioned in our scope of work .	Pls refer BHEL reply provided above for S. no. 1 & S. no. 2.