



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 05

Ref: PSER:SCT: NKP-M1657:TCN-05

Date: 24-04-2015

Sub	Tender Change Notice (TCN) - 05.	
Job	Design, engineering, manufacturing, supply, erection, testing, commissioning, etc including O&M of Air Conditioning System for 3x660 MW North Karanpura Super Thermal Power project, Jharkhand.	
Ref	1.0	Tender No. PSER:SCT:NKP-M1657:15.
	2.0	BHEL's NIT, vide reference no PSER:SCT:NKP-M1657:4365 , Dated 10-03-2015.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT: NKP-M1657:TCN-01, Date: 30-03-2015
	4.0	BHEL's TCN-02, vide reference no PSER:SCT: NKP-M1657:TCN-02, Date: 02-04-2015
	5.0	BHEL's TCN-03, vide reference no PSER:SCT: NKP-M1657:TCN-03, Date: 15-04-2015
	6.0	BHEL's TCN-04, vide reference no PSER:SCT: NKP-M1657:TCN-04, Date: 17-04-2015
	7.0	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-05**.
2. Due date of offer submission is extended from 27-04-2015 to **08-05-2015** (15=00 Hrs). Bidders are requested to submit their offer by extended due date positively.
3. Revised 'No deviation certificate' is attached. Bidder to submit 'No deviation certificate' as per attached format only.
4. 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

ANNEXURE-A TO TCN-05

TENDER NO : PSER:SCT: NKP-M1657:15.

JOB: DESIGN, ENGINEERING, MANUFACTURING, SUPPLY, ERECTION, TESTING, COMMISSIONING, ETC INCLUDING O&M OF AIR CONDITIONING SYSTEM FOR 3X660 MW NORTH KARANPURA SUPER THERMAL POWER PROJECT, JHARKHAND.

CLARIFICATION OF BIDDERS' QUERY

SL NO	REFERENCE CLAUSE OF TENDER DOCUMENT	EXISTING PROVISION	BIDDER'S QUERY	BHEL'S CLARIFICATION
1.0		Chilling Units:	The Technical specifications Volume II, Pg no. 30, call for a maximum power consumption of the chjlling units as 0.6 IKW/TR. However, please note that the same is applicable only at AHRI conditions and not at actual site conditions. Since the fouling factors are the worst at actual conditions, no manufacturer can offer 0.6 IKW/TR in this capacity of screw chillers. Kmdly check and confirm.	0.6 KW/TR shall be considered at AHRI condition.
2.1		Pumps:	a) Kindly note that the Condenser water pumps shall not have any Variable frequency drive, since the same is not required.	Bidder to follow technical Specification.
2.2			b) The pumps design selection shall be as below: i. Chilled Water Pumps - 2.4 USGPM/JTR ii. Condenser Water Pumps- 4.0 USGPM/TR	Criteria for selection of pump shall be as per Technical Specification. Refer Page No 71 of 494, sub section C2-A, clause No 10 of Technical Specification.
3.1		Electrical:	a) We understand that the main MCC shall be in BHEL's scope of supply as per the Electrical scope sheet of the tender. However, it is not clear in whose scope are the Local AHU Power & Control panels for further distribution of power and control of different AHUs on different floors.	Main MCC's are in BHEL's scope. Further, any local power and control panel shall be in Bidder's scope.
3.2			b) Also clarify who shall be responsible for the cabling between the main MCC and these local distribution panels.	Local cabling from trays (BHEL scope) to equipment terminal (vendor's scope) shall be done by vendor as per standard Electrical scope split.
4.0			Please confirm the capacities of the water softening plant	Design of water softening plant is in bidder's scope. Capacity of water soft shall be suitable for the continuous make-up water requirement for AC plant.
5.0		Control & Instrumentation:	Kindly clarify whether we need to have a common PLC system or different PLC systems for different buildings.	Requirement of PLC is clearly mentioned in technical specification and Price Schedule (latest revision). Bidder to follow the same.

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 including O&M of Air Conditioning System for 3x660 MW North Karanpura Super Thermal Power project, Jharkhand.	
Ref	01	Tender No. PSER:SCT:NKP-M1657:15.
	02	BHEL's NIT, vide reference no PSER:SCT:NKP-M1657:4365 , Dated 10-03-2015.
	03	BHEL's TCN-01, vide reference no PSER:SCT: NKP-M1657:TCN-01, Date: 30-03-2015.
	04	BHEL's TCN-02, vide reference no PSER:SCT: NKP-M1657:TCN-02, Date: 02-04-2015.
	05	BHEL's TCN-03, vide reference no PSER:SCT: NKP-M1657:TCN-03, Date: 15-04-2015.
	06	BHEL's TCN-04, vide reference no PSER:SCT: NKP-M1657:TCN-04, Date: 17-04-2015.
	07	BHEL's TCN-05, vide reference no PSER:SCT: NKP-M1657:TCN-05, Date: 24-04-2015.
	08	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, SALT LAKE CITY, KOLKATA - 700 091
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