



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 07

Ref: PSER:SCT:NKP-M1673:TCN-07

Date: 13-07-2015

| | | |
|-----|---|---|
| Sub | Tender change notice (TCN) 07 | |
| Job | Design, engineering, manufacturing, supply, erection & commissioning, etc of one (1) No. IDCT cooling tower Pkg for 3x660 MW units at North Karanpura Super Thermal Power Project, Jharkhand. | |
| Ref | 1.0 | Tender No. PSER:SCT:NKP-M1673:15 |
| | 2.0 | BHEL's NIT, vide reference no PSER:SCT:NKP-M1673:4470, dated 20-05-2015 |
| | 3.0 | BHEL's TCN-01, vide reference no PSER:SCT:NKP-M1673:TCN-01, dated 09-06-2015. |
| | 4.0 | BHEL's TCN-02, vide reference no PSER:SCT:NKP-M1673:TCN-02, dated 09-06-2015. |
| | 5.0 | BHEL's TCN-03, vide reference no PSER:SCT:NKP-M1673:TCN-03, dated 15-06-2015. |
| | 6.0 | BHEL's TCN-04, vide reference no PSER:SCT:NKP-M1673:TCN-04, dated 22-06-2015. |
| | 7.0 | BHEL's TCN-05, vide reference no PSER:SCT:NKP-M1673:TCN-05, dated 04-07-2015. |
| | 8.0 | BHEL's TCN-06, vide reference no PSER:SCT:NKP-M1673:TCN-06, dated 08-07-2015. |
| | 9.0 | 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 Extension of due date of offer submission from **15-07-2015** to **22-07-2015 (15:00 Hrs)**.
- 2.0 Clarification to bidder's queries as per attached Annexure-A.
- 3.0 Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
- 4.0 All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

SR.ENGR (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 : 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 & commissioning, etc of one (1) No. IDCT cooling tower Pkg for 3x660 MW units at North Karanpura Super Thermal Power Project, Jharkhand. | |
| Ref | 1.0 | Tender No. PSER:SCT:NKP-M1673:15 |
| | 2.0 | BHEL's NIT, vide reference no PSER:SCT:NKP-M1673:4470, dated 20-05-2015 |
| | 3.0 | BHEL's TCN-01, vide reference no PSER:SCT:NKP-M1673:TCN-01, dated 09-06-2015. |
| | 4.0 | BHEL's TCN-02, vide reference no PSER:SCT:NKP-M1673:TCN-02, dated 09-06-2015. |
| | 5.0 | BHEL's TCN-03, vide reference no PSER:SCT:NKP-M1673:TCN-03, dated 15-06-2015. |
| | 6.0 | BHEL's TCN-04, vide reference no PSER:SCT:NKP-M1673:TCN-04, dated 22-06-2015. |
| | 7.0 | BHEL's TCN-05, vide reference no PSER:SCT:NKP-M1673:TCN-05, dated 04-07-2015. |
| | 8.0 | BHEL's TCN-06, vide reference no PSER:SCT:NKP-M1673:TCN-06, dated 08-07-2015. |
| | 9.0 | BHEL's TCN-07, vide reference no PSER:SCT:NKP-M1673:TCN-07, dated 13-07-2015. |
| | 10.0 | 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)

ANNEXURE-A TO TCN-07

Design, engineering, manufacturing, supply, erection & commissioning, etc of one (1) No. IDCT cooling tower Pkg for 3x660 MW units at North Karanpura Super Thermal Power Project, Jharkhand.

Tender No. PSER:SCT:NKP-M1673:15

| S.No. | Reference | subject | query | BHEL Reply |
|--------------|--|-----------------------------|--|---|
| 1 | Your clarification: TCN 03_1673 ANNEXURE-A TO TCN-03, S.No 7. Vol- IIB; Section C1 Annexure - 2 to Datasheet A | Terminal Point of HW header | 1. Please confirm whether the hot water return pipe at terminal point is underground. 2. If it is under ground, please specify the depth of centre line of pipe below FGL 3. If it is above ground please , specify the center line of hot water return pipe wrt to FGL 4. Please confirm whether the pump head mentioned as 13 M (at terminal point of header) is with respect to FGL or at the pipe centreline. | 1. Hot water pipe is underground. 2. Centre line of Pipe below FGL is 1.5 Mtr(ie 454.5M). Pls note FGL= 456.0M for cooling Tower. 3. HW header is underground. 4. Pump Head is with respect to FGL. |
| 2 | PE-TS-405-165-N001 section C1 page 2 of 10, clause i. | Pump | The pump type mentioned is horizontal split case. Please mention the head required to be considered. | Head to be calculated for a distance of minm 100 mtr from edge of cooling Tower for Sludge Pump. |
| 3 | PES-165-09 section D, page 5 of 11 | Pump type | The type of pump indicated is vertical submersible type. Please confirm the type of pump required. | Bidder to comply Clause - i, section C1, page- 2 of 10. |
| 4 | Clause 4.8.11 of specification PES-165-09 volume II section D page 4 of 11 | VMS | Spec indicates Vibration switch to be provided while E&I requirements asks for VMS. Please confirm if we need to supply additional vibration switch with VMS. | The technical specification requirement is clear, pls refer Specific Technical Requirements (C&I) clause no. 1.3 (ix). |
| 5 | Clause 3.04.01 of specification CS-4410-001-2 section VI part B sub section B-09page 5 of 20 | MOC of JB | Spec indicates JB to be prepare in Mild Steel with GI coating while clause 10.00.00 of CS-4410-001-2 section VI part B sub section IIIC-07 page 11 of 12 says JB to be of FRP MOC. Please confirm which is to be followed | Bidder query is not clear, bidder to follow specification requirement. |