



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 12

Ref: PSER:SCT:NKP-M1699:TCN-12

Date: 23-11-2015

Sub	Tender change notice (TCN)12	
Job	Design, engineering, manufacturing, supply, erection, testing, commissioning, PG Test and handing over, etc of CPU System along with pre-filters and two nos external regeneration systems for 3x660 MW units at North Karanpura Super Thermal Power Project, Jharkhand.	
Ref	1.0	Tender No. PSER:SCT:NKP-M1699:15
	2.0	BHEL's NIT, vide reference no PSER:SCT:NKP-M1699:4695, dated 18/09/2015
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:NKP-M1699:TCN-01, dated 29-09-2015.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:NKP-M1699:TCN-02, dated 07-10-2015.
	5.0	BHEL's TCN-03, vide reference no PSER:SCT:NKP-M1699:TCN-03, dated 16-10-2015.
	6.0	BHEL's TCN-04, vide reference no PSER:SCT:NKP-M1699:TCN-04, dated 19-10-2015.
	7.0	BHEL's TCN-05, vide reference no PSER:SCT:NKP-M1699:TCN-05, dated 28-10-2015.
	8.0	BHEL's TCN-06, vide reference no PSER:SCT:NKP-M1699:TCN-06, dated 05-11-2015.
	9.0	BHEL's TCN-07, vide reference no PSER:SCT:NKP-M1699:TCN-07, dated 10-11-2015.
	10.0	BHEL's TCN-08, vide reference no PSER:SCT:NKP-M1699:TCN-08, dated 13-11-2015.
	11.0	BHEL's TCN-09, vide reference no PSER:SCT:NKP-M1699:TCN-09, dated 16-11-2015.
	12.0	BHEL's TCN-10, vide reference no PSER:SCT:NKP-M1699:TCN-10, dated 19-11-2015.
	13.0	BHEL's TCN-11, vide reference no PSER:SCT:NKP-M1699:TCN-11, dated 21-11-2015.
	14.0	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 submission of offer from **24-11-2015** to **01-12-2015** (15:00 hrs).
- 2.0 Amendment-3 to Volume-II (Technical Specification) as attached.
- 3.0 Clarification to bidder's queries as per attached Annexure-A.
- 4.0 Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
- 5.0 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, PG Test and handing over, etc of CPU System along with pre-filters and two nos external regeneration systems for 3x660 MW units at North Karanpura Super Thermal Power Project, Jharkhand.	
Ref	01	Tender No. PSER:SCT:NKP-M1699:15
	02	BHEL's NIT, vide reference no PSER:SCT:NKP-M1699:4695, dated 18/09/2015
	03	BHEL's TCN-01, vide reference no PSER:SCT:NKP-M1699:TCN-01, dated 29-09-2015.
	04	BHEL's TCN-02, vide reference no PSER:SCT:NKP-M1699:TCN-02, dated 07-10-2015.
	05	BHEL's TCN-03, vide reference no PSER:SCT:NKP-M1699:TCN-03, dated 16-10-2015.
	06	BHEL's TCN-04, vide reference no PSER:SCT:NKP-M1699:TCN-04, dated 19-10-2015.
	07	BHEL's TCN-05, vide reference no PSER:SCT:NKP-M1699:TCN-05, dated 28-10-2015.
	08	BHEL's TCN-06, vide reference no PSER:SCT:NKP-M1699:TCN-06, dated 05-11-2015.
	09	BHEL's TCN-07, vide reference no PSER:SCT:NKP-M1699:TCN-07, dated 10-11-2015.
	10	BHEL's TCN-08, vide reference no PSER:SCT:NKP-M1699:TCN-08, dated 13-11-2015.
	11	BHEL's TCN-09, vide reference no PSER:SCT:NKP-M1699:TCN-09, dated 16-11-2015.
	12	BHEL's TCN-10, vide reference no PSER:SCT:NKP-M1699:TCN-10, dated 19-11-2015.
	13	BHEL's TCN-11, vide reference no PSER:SCT:NKP-M1699:TCN-11, dated 21-11-2015.
	14	BHEL's TCN-12, vide reference no PSER:SCT:NKP-M1699:TCN-12, dated 23-11-2015.
	15	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, SECTOR-II, SALT LAKE CITY, KOLKATA - 700 091 फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : 23211691, 23211798, 23211796</p>


**AMENDMENT ON TECHNICAL SPECIFICATION
FOR CONDENSATE POLISHING UNIT**
3X660 MW NTPC NORTH KARANPURA STPP

SPECIFICATION NO.: PE-TS-405-155A-A001

AMENDMENT NO # 3

REV. NO. 00

DATE: 21.11.15

Page 1 of 1

The following modifications with respect to Technical Specification for Condensate Polishing Unit, BHEL's Technical specification number PE-TS-405-155A-A001 Rev 01 shall apply.

MODIFIED CLAUSES/PAGE NUMBERS.

Sl no	Vol. No.	Section/ Description	Clause no	Page no	Existing	Modified to
1.	IIB	SECTION- C1, ATTACHMENT- A, REVISED SPECIFIC TECHNICAL REQUIREMENTS FOR MECHANICAL ATTACHED WITH TCN- 01 (Ref. PSER:SCT:NKP-1699:TCN- 01) dated 29-09-2015.	15.0, 4)	Page 15 of 18 & Page 16 of 18	All the plant layouts shall be made in computerised 3D modelling system as detailed in Part Dall the softwares and hardwares shall be provided before start of detail engineering so that the training can be imparted on time.	All the layout of entire condensate polishing unit plant package including each CPU service vessel area and each CPU regeneration area shall be made in computerised 3D modelling system by the Bidder as detailed in Part D of the Technical Specification and Attachment-A _Revised Specific Technical Requirements for Mechanical, clause No. D) 16) at page no. 10 of 18 attached with TCN ref. No. PSER:SCT:NKP-M1699:TCN-01 Dated: 29-09-2015.
2.	IIB	Section -D1, ADDITIONAL GENERAL REQUIREMENTS	8.3.04, a) iv)	Page 274 of 497	Contractor shall progressively provide an integrated, intelligent..... all the softwares and hardwares shall be provided before start of detail engineering so that the training can be imparted on time.	All the layout of entire condensate polishing unit plant package including each CPU service vessel area and each CPU regeneration area shall be made in computerised 3D modelling system by the Bidder as detailed in Part D of the Technical Specification and Attachment-A _Revised Specific Technical Requirements for Mechanical, clause No. D) 16) at page no. 10 of 18 attached with TCN ref. No. PSER:SCT:NKP-M1699:TCN-01 Dated: 29-09-2015.

ANNEXURE-A to TCN- 12

Design, engineering, manufacturing, supply, erection, testing, commissioning, PG Test and handing over, etc of CPU System along with pre-filters and two nos external regeneration systems for 3x660 MW units at North Karanpura Super Thermal Power Project, Jharkhand.

Tender No. PSER:SCT:NKP-M1699:15

SI No.	Volume	Section	Clause No.	Page No.	Specification Requirement	Clarification	Reasons for Clarification	BHEL's REPLY
1	Doc.No-PE-TS-405-155A-A001, Volume - II			360 of 497	Smart Plant P & ID, Smart Plant Instrumentation, Smart Plant Electrical, Smart Plant 3 D.	Kindly confirm whether all our drawing/documents related to CPU scope to be submitted in Smart Plant software based or shall be submitted in standard format(Excel/PDF/Autocad) like our earlier CPU Projects.	We need more clarity on scope of work.	<p>Bidder to note that in addition to the auto cad copy / MS-word /MS-Excel etc. formats (as applicable) of the documents as mentioned at Page No. 66 of 497 in Technical specification , Bidder shall also submit the 3D copies of the documents as mentioned in the Attachment-A _Revised Specific Technical Requirements For Mechanical, clause No.D) 16) at page no. 10 of 18 attached with TCN ref. No. PSER:SCT:NKP-M1699:TCN-01 Dated: 29-09-2015.</p> <p>Bidder to please follow Technical specification and subsequent clarifications and amendments / corrigendum issued by BHEL till date.</p>
2	General					Whether SEED Data base for SPI/SP3D/SPPID/ SPE will be provided to us for this package.		<p>This is a general clarification without the mention of references with respect to the specification. Hence the same can not be evaluated by BHEL.</p> <p>Bidder to please follow Technical specification and subsequent clarifications and amendments / corrigendum issued by BHEL till date.</p>