



# भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

## BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 08

Ref: PSER:SCT:NKP-M1699:TCN-08

Date: 13-11-2015

Sub	Tender change notice (TCN) 08	
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	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 are attached at **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, 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	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- 08**

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

Sl No.	Volume	Section	Clause No.	Page No.	Specification Requirement	Clarification	Reasons for Clarification	BHEL's REPLY
1	IIB	A	1.1	2 of 497 and TCN-01	Scope of Supply & Services	Under Technical Requirement, details of Water Treatment Plant i.e. Pre-Treatment Plant, UF-RO Plant etc. furnished in the specification is for information purpose only.  Scope of Supplies / Services of this tender is only related to Condensate Polishing Plant. Details furnished under Volume-IIB, Section C1 Rev. No.01 vide TCN-01 dated September 29,	Controversy in specifications.	Bidder to follow the relevant technical requirement applicable for Condensate Polishing Unit as indicated in Section D1 from page number 106 of 497 to page number 169 of 497 in the technical specification.
2				TCN- 01	Mandatory Spares	For Mandatory Spares, only applicable spares for equipment being supplied for various CPU Package shall be supplied.  Please confirm.	Power cycle piping is not applicable for CPU package. Hence, all spares related to power cycle piping are not applicable. There are certain descriptions in the list of mandatory spares which do not form part of main supply, hence, the same cannot be supplied under spares. Spares of certain equipment can be finalised only after finalisation of vendor. Hence, only applicable spares for equipment being supplied for various CPU Package shall be supplied.	Bidder to note that the Power cycle piping is applicable for Condensate Polishing Unit Service Vessels and Pre Filters which is mentioned in Section D1 page number 198 of 497 in the technical specification. Hence Mandatory spares applicable for power cycle piping etc. (in addition to other mandatory spares as mentioned in the Revised mandatory spares list attached in TCN- 01 dated 29.09.2015) shall also be in the scope of the bidder.
3	IIB	C1 Rev- 01 of TCN- 01	5.00 a.ii	61 of 497	Guaranteed service Cycle (Period between two successive regenerations) of each service vessel shall be 7 days (168 hours) as indicated elsewhere in technical specification.	As per technical requirement and general technical requirement, initial operation of the complete facility as an integral unit shall be conducted for 720 continuous hours. We are offering the system as per Guaranteed service Cycle (Period between two successive regenerations) of each service vessel as 7 days (168 hours). Please confirm.	Non-clarification of specifications.	Bidder to note that in line with the Section C1, Revised Specific Technical Requirements For Mechanical (attached in TCN- 01 dated 29.09.2015), Clause Number 4.1, page number 3 of 18, Under the operating and design flow (as mentioned in technical specification) through the polisher units, the un-ammoniated resins shall not reach "ammonia break-point" in less than 7 days (168 hrs) of continuous operation while maintaining the effluent quality (as mentioned in technical specification).