



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 02

Ref: PSER:SCT:RKL-M1803:TCN-02

Date: 17-02-2017

Sub	Tender change notice (TCN) 02	
Job	Design, Engineering, Manufacturing, Supply, Erection, Testing, Commissioning, etc. of Pre-Treatment Plant for 1x250 MW unit at PP-II Expansion, NSPCL, Rourkela, Odisha.	
Ref	1.0	Tender no PSER:SCT:RKL-M1803:17.
	2.0	BHEL's NIT, vide reference no PSER:SCT:RKL-M1803:5433, Dated 24-01-2017.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:RKL-M1803:TCN-01, dated 10-02-2017.
	4.0	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 Amendment No-1 to Technical specification as attached.
- 2.0 PT Plant P&ID, Rev-01 as attached.
- 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, Testing, Commissioning, etc. of Pre-Treatment Plant for 1x250 MW unit at PP-II Expansion, NSPCL, Rourkela, Odisha.	
Ref	1.0	Tender no PSER:SCT:RKL-M1803:17.
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	3.0	BHEL's TCN-01, vide reference no PSER:SCT:RKL-M1803:TCN-01, dated 10-02-2017.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:RKL-M1803:TCN-02, dated 17-02-2017.
	5.0	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, SALT LAKE CITY, KOLKATA - 700 091

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**AMENDMENT ON TECHNICAL SPECIFICATION FOR PRE TREATMENT PLANT
FOR 1X250 MW NSPCL ROURKELA STPP.**

SPECIFICATION NO.: PE-TS-427-158-A001

AMENDMENT NO # 1

REV. NO. 00

DATE: 08/02/2017

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Following modifications shall apply to BHEL Technical Specification no PE-TS-427-158-A001 for 1x250 MW NSPCL ROURKELA **PRE TREATMENT PLANT**.

Bidder to note that existing clauses/details as appearing in the specification stands deleted and clauses/details as mentioned in "to be Read as" column shall be applicable and complied by the bidder.

MODIFIED CLAUSES/PAGE NUMBERS.

Sl no.	Vol. No.	Section/ Description	Clause no	Page no	Existing clause/details	To be Read as
1.	IIB	SECTION 1/ DATASHEET -A FOR PRE TREATMENT PLANT	01.00.00 (B) II, CASCADE AERATOR	146 of 1120	Suitable to handle the flow rate equal to sum of 775 m ³ /hr + 20% over loading	Suitable to handle the flow rate equal to 721 m ³ /hr + 20% over loading
2.	IIB	SECTION 1/ DATASHEET -A FOR PRE TREATMENT PLANT	01.00.00 (B) IV, CASCADE AERATOR	146 of 1120	Height of each steps = 300 mm	Height of each steps = 350 mm (Maximum)
3.	IIB	SECTION 1/ DATASHEET -A FOR PRE TREATMENT PLANT	03.00.00 (A), PARSHALL FLUME	146 of 1120	Two (2), one for connecting channel from aerator to stilling chamber and one for connecting channel to CW storage tank with isolation gates as indicated in P&ID drawing.	Two (2), one no each for connecting channel from stilling chamber to individual inlet chamber of clarifier as indicated in P&ID.
4.	IIB	SECTION 1/ DATASHEET -A FOR PRE TREATMENT PLANT	03.00.00 (B) III, PARSHALL FLUME	146 of 1120	Effective Capacity m ³ /hr : Suitable to handle the flow rate equal to sum of 775 m ³ /hr + 20% over loading.	Effective Capacity m ³ /hr : Suitable to handle the flow rate equal to sum of 510 m ³ /hr + 20% over loading.
5.	IIB	SECTION 1/ DATASHEET -A FOR PRE TREATMENT PLANT	04.00.00, DISTRIBUTION CHAMBER	147 of 1120	Distribution chamber	Inlet Chamber
6.	IIB	SECTION 1/ DATASHEET -A FOR PRE TREATMENT PLANT	04.00.00 (B) III, DISTRIBUTION CHAMBER	147 of 1120	Effective capacity, each, m ³ : Suitable to handle the flow rate equal to sum of 387.5 m ³ /hr + 20% over loading	Effective Capacity m ³ /hr : Suitable to handle the flow rate equal to sum of 510 m ³ /hr + 20% over loading
7.	IIB	SECTION 1/ DATASHEET -A FOR PRE TREATMENT PLANT	05.00.00 (B) II, REACTIOR TYPE CLARIFIERS	147 of 1120	Output Capacity for each at rated Condition, m ³ /hr : Rated output capacity shall be not less than 440 m ³ /hr + 20 % overloading.	Effective Capacity m ³ /hr : Suitable to handle the flow rate equal to sum of 510 m ³ /hr + 20% over loading
8.	IIB	SECTION 1/ P&ID FOR PRE TREATMENT PLANT	P&ID FOR PRE TREATMENT PLANT	164 of 1120	P&ID FOR PRE TREATMENT PLANT RV00	P&ID FOR PRE TREATMENT PLANT RV00 has been replaced with P&ID FOR PRE TREATMENT PLANT RV01. R01 shall be referred wherever R00 of P&ID is mentioned in BHEL technical specification no PE-TS-427-158-A001.

