



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 03

Ref: PSER:SCT:NKP-M1739:TCN-03

Date: 03-05-2016

Sub	Tender Change Notice (TCN) - 03.	
Job	Design, Engineering, Manufacturing, Supply/Delivery, Erection, Commissioning, Trial Run, Handing Over to Customer etc of DEMINERALIZATION PLANT (DM PLANT) excluding civil construction work for 3X 660 MW North Karanpura Super Thermal Power Project at Jharkhand.	
Ref	1.0	Tender no PSER:SCT:NKP-M1739:16.
	2.0	BHEL's NIT, vide reference no PSER:SCT:NKP-M1739:4965, Dated 05-04-2016.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:NKP-M1739:TCN-01, Dated: 23-04-2016.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:NKP-M1739:TCN-02, Dated: 29-04-2016.
	5.0	Other References, if any.

With reference to above, following points/ documents, relevant to tender, may please be noted and complied with while submitting the offer.

- 1) Bidder's clarification is attached vide **Annexure-A to TCN-03**.
- 2) Amendment-2 to Volume-II, Technical Specification for Demineralization Plant (DM PLANT) is attached herewith.
- 3) Extension of due date of submission of offer from 06-05-2016 to **13-05-2016 (15:00 hrs)**. Bidders are requested to submit their offer by extended due date positively.
- 4) Revised 'No deviation certificate' is attached. Bidder to submit 'No deviation certificate' as per attached format only.
- 5) All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

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-03**JOB: Design, Engineering, Manufacturing, Supply/Delivery, Erection, Commissioning, Trial Run, Handing Over to Customer etc of DEMINERALIZATION PLANT (DM PLANT) excluding civil construction work for 3X 660 MW North Karanpura Super Thermal Power Project at Jharkhand.****TENDER NO : PSER:SCT:NKP-M1739:16****CLARIFICATION OF BIDDERS' QUERY**

SL NO	REFERENCE CLAUSE OF TENDER DOCUMENT	EXISTING PROVISION	BIDDER'S QUERY	BHEL'S CLARIFICATION
1.0	Clause No. 13.4, Page No. 48 of 830, Section-C1 - Volume-II - Technical Specification for DM Plant	To store 30 days requirement of acid & alkali for regeneration of all operating DM stream & N-PIT + 314 m3 (acid) & 95 m3 (alkali) for CPU regeneration + 5% margin respectively	Kindly confirm the volume to be considered for CPU regeneration of acid & alkali storage tank	Shall be as per tender specification.



**AMENDMENT TO TECHNICAL SPECIFICATION FOR
DEMINERALIZATION PLANT (DM PLANT)
3X660 MW NTPC NORTH KARANPURA STPP**

SPECIFICATION NO.: PE-TS-405-163A-A001

AMENDMENT NO # 2

REV. NO. 00

DATE: 02.05.2016

Page 1 of 1

The following modifications with respect to Technical Specification for DEMINERALIZATION PLANT (DM PLANT), BHEL's Technical specification no PE-TS-405-163A-A001 shall apply.

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

MODIFIED CLAUSES/PAGE NUMBERS.

SI no.	Vol. No.	Section/Description	Clause no	Page no	Existing	Modified to																
1.	IIB	SECTION – C1	13.4	48 of 830	<table border="1"> <thead> <tr> <th>13.0</th> <th>DESCRIPTION FOR CHEMICAL STORAGE TANK</th> <th>ACID STORAGE TANKS</th> <th>ALKALI STORAGE TANKS</th> </tr> </thead> <tbody> <tr> <td>13.4</td> <td>Capacity (Each tank)</td> <td>To store 30 days requirement of acid for regeneration of all operating DM stream & N-pit neutralization + 314.0 CUM for CPU regeneration + 5% overall margin.</td> <td>To store 30 days requirement of alkali (100%) for regeneration of all operating DM stream & N-pit neutralization + 95.0 cum for CPU regeneration + 5% overall margin.</td> </tr> </tbody> </table>	13.0	DESCRIPTION FOR CHEMICAL STORAGE TANK	ACID STORAGE TANKS	ALKALI STORAGE TANKS	13.4	Capacity (Each tank)	To store 30 days requirement of acid for regeneration of all operating DM stream & N-pit neutralization + 314.0 CUM for CPU regeneration + 5% overall margin.	To store 30 days requirement of alkali (100%) for regeneration of all operating DM stream & N-pit neutralization + 95.0 cum for CPU regeneration + 5% overall margin.	<table border="1"> <thead> <tr> <th>13.0</th> <th>DESCRIPTION FOR CHEMICAL STORAGE TANK</th> <th>ACID STORAGE TANKS</th> <th>ALKALI STORAGE TANKS</th> </tr> </thead> <tbody> <tr> <td>13.4</td> <td>Capacity (Each tank)</td> <td>To store 30 days requirement of acid for regeneration of all operating DM stream & N-pit neutralization + 314.0 CUM for CPU regeneration + 5% overall margin.</td> <td>To store 30 days requirement of alkali for regeneration of all operating DM stream & N-pit neutralization + 125.0 cum for CPU regeneration + 5% overall margin.</td> </tr> </tbody> </table>	13.0	DESCRIPTION FOR CHEMICAL STORAGE TANK	ACID STORAGE TANKS	ALKALI STORAGE TANKS	13.4	Capacity (Each tank)	To store 30 days requirement of acid for regeneration of all operating DM stream & N-pit neutralization + 314.0 CUM for CPU regeneration + 5% overall margin.	To store 30 days requirement of alkali for regeneration of all operating DM stream & N-pit neutralization + 125.0 cum for CPU regeneration + 5% overall margin.
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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/Delivery, Erection, Commissioning, Trial Run, Handing Over to Customer etc of DEMINERALIZATION PLANT (DM PLANT) excluding civil construction work for 3X 660 MW North Karanpura Super Thermal Power Project at Jharkhand.	
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	5.0	BHEL's TCN-03, vide reference no PSER:SCT:NKP-M1739:TCN-03, Dated: 03-05-2016.
	6.0	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)