



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 07

Ref: PSER:SCT: NKP-M1738:TCN-07

Date: 13-05-2016

Sub	Tender Change Notice (TCN) - 07	
Job	Design, Engineering, Manufacturing, Supply/Delivery, Erection, Commissioning, Trial Run, Handing Over to Customer etc of WATER TREATMENT PACKAGES (PRE TREATMENT PLANT, EFFLUENT TREATMENT PLANT & SEWAGE TREATMENT PLANT) including supervision of civil construction work for 3X 660 MW North Karanpura Super Thermal Power Project at Jharkhand.	
Ref	1.0	Tender No. PSER:SCT:NKP-M1738:16
	2.0	BHEL's NIT, vide reference no PSER:SCT: NKP-M1738:4966, Dated 05-04-2016.
	3.0	BHEL's TCN-01, vide reference PSER:SCT: NKP-M1738:TCN-01, Dated 06-04-2016
	4.0	BHEL's TCN-02, vide reference PSER:SCT: NKP-M1738:TCN-02, Dated 12-04-2016
	5.0	BHEL's TCN-03, vide reference PSER:SCT: NKP-M1738:TCN-03, Dated 23-04-2016
	6.0	BHEL's TCN-04, vide reference PSER:SCT: NKP-M1738:TCN-04, Dated 28-04-2016
	7.0	BHEL's TCN-05, vide reference PSER:SCT: NKP-M1738:TCN-05, Dated 02-05-2016
	8.0	BHEL's TCN-06, vide reference PSER:SCT: NKP-M1738:TCN-06, Dated 11-05-2016
	9.0	All other pertinent issues till date.

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

1. Clarification of bidder's query is attached vide Annexure-A to TCN-07.
2. Amendment No # 2 to Technical Specification attached.
3. Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
4. 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 : (033) 2339-8000/ 2339-8236(D)

ANNEXURE-A TO TCN-07**TENDER NO : PSER:SCT:NKP-M1738:16****Design, Engineering, Manufacturing, Supply/Delivery, Erection, Commissioning, Trial Run, Handing Over to Customer etc of WATER TREATMENT PACKAGES (PRE TREATMENT PLANT, EFFLUENT TREATMENT PLANT & SEWAGE TREATMENT PLANT) including supervision of civil construction work for 3X 660 MW North Karanpura Super Thermal Power Project at Jharkhand.****CLARIFICATION OF BIDDERS' QUERY**

SL NO	REFERENCE CLAUSE OF TENDER DOCUMENT	EXISTING PROVISION	BIDDER'S QUERY	BHEL'S CLARIFICATION
1.0	Volume-III Price Schedule, Rev-00, SCH-6	No. of equipment to be considered for guaranteed power consumption: Dosing Tank Stirrer - 8 Working, 0 Standby	Kindly confirm for which chemical dosing tanks, stirrers are to be considered for guaranteed power consumption.	Bidder to follow specification.



**AMENDMENT TO TECHNICAL SPECIFICATION FOR
WATER TREATMENT PACKAGE (PRE TREATMENT PLANT, EFFLUENT
TREATMENT PLANT AND SEWAGE TREATMENT PLANT)
3X660 MW NTPC NORTH KARANPURA STPP**

SPECIFICATION NO.: PE-TS-405-158-A001

AMENDMENT NO # 2

REV. NO. 00

DATE: 12.05.2016

Page 1 of 2

The following modifications with respect to Technical Specification for WATER TREATMENT PACKAGE (PRE TREATMENT PLANT, EFFLUENT TREATMENT PLANT AND SEWAGE TREATMENT PLANT), BHEL's Technical specification no PE-TS-405-158-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 – A	1.1	4 of 1119	<p>This specification is intended to cover design, engineering, manufacture, fabrication, assembly, inspection & testing at vendor's & sub-vendor's works, painting, forwarding, supply and delivery at site including start up and commissioning spares, mandatory spares, operation & maintenance spares, as required, properly packed for transportation, loading/unloading / handling and storage at site, in site transportation, assembly, erection and commissioning, trail run, preparation and submission of drawing/documents including "As Built" drawings, site testing, carrying out performance guarantee tests at site and handover in flawless operating condition to end customer the entire WATER TREATMENT PACKAGE (PRE TREATMENT PLANT, EFFLUENT TREATMENT PLANT AND SEWAGE TREATMENT PLANT) including Supervision of civil works for Pre Treatment Plant & Effluent Treatment Plant as per the details in different sections / volumes of this specification for 3X660 MW NTPC NORTH KARANPURA STPP.</p> <p>The bidder's scope shall also include any other services, etc. if called for in the succeeding sections of the specification.</p>	<p>This specification is intended to cover design, engineering, manufacture, fabrication, assembly, inspection & testing at vendor's & sub-vendor's works, painting, forwarding, supply and delivery at site including start up and commissioning spares, mandatory spares, properly packed for transportation, loading/unloading / handling and storage at site, in site transportation, assembly, erection and commissioning, trail run, preparation and submission of drawing/documents including "As Built" drawings, site testing, carrying out performance guarantee tests at site and handover in flawless operating condition to end customer the entire WATER TREATMENT PACKAGE (PRE TREATMENT PLANT, EFFLUENT TREATMENT PLANT AND SEWAGE TREATMENT PLANT) including Supervision of civil works for Pre Treatment Plant & Effluent Treatment Plant as per the details in different sections / volumes of this specification for 3X660 MW NTPC NORTH KARANPURA STPP.</p> <p>The bidder's scope shall also include any other services, etc. if called for in the succeeding sections of the specification.</p>
2.	IIB	SECTION – C1A	1.0	20 of 1119	<p>GENERAL</p> <p>This specification is intended to cover design, engineering, manufacture, fabrication, assembly, inspection & testing at vendor's & sub vendor's works, painting, forwarding, supply and delivery at site including start up and commissioning spares, mandatory spares, operation & maintenance spares,</p>	<p>GENERAL</p> <p>This specification is intended to cover design, engineering, manufacture, fabrication, assembly, inspection & testing at vendor's & sub vendor's works, painting, forwarding, supply and delivery at site including start up and commissioning spares, mandatory spares, properly packed for transportation, loading/unloading / handling and</p>



**AMENDMENT TO TECHNICAL SPECIFICATION FOR
WATER TREATMENT PACKAGE (PRE TREATMENT PLANT, EFFLUENT
TREATMENT PLANT AND SEWAGE TREATMENT PLANT)
3X660 MW NTPC NORTH KARANPURA STPP**

SPECIFICATION NO.: PE-TS-405-158-A001

AMENDMENT NO # 2

REV. NO. 00

DATE: 12.05.2016

Page 2 of 2

					as required, properly packed for transportation, loading/unloading / handling and storage at site, in site transportation, assembly, erection and commissioning, trail run, preparation and submission of drawing/documents including "As Built" drawings, site testing, carrying out performance guarantee tests at site and handover in flawless operating condition to end customer the entire Pre Treatment Plant complete with all accessories including Supervision of civil works for 3X660 MW NTPC NORTH KARANPURA STPP (EPC) . Civil design of complete Pre Treatment Plant shall be in Bidder's scope.	storage at site, in site transportation, assembly, erection and commissioning, trial run, preparation and submission of drawing/documents including "As Built" drawings, site testing, carrying out performance guarantee tests at site and handover in flawless operating condition to end customer the entire Pre Treatment Plant complete with all accessories including Supervision of civil works for 3X660 MW NTPC NORTH KARANPURA STPP (EPC) . Civil design of complete Pre Treatment Plant shall be in Bidder's scope.
3.	IIB	SECTION – C1C	1.0	95 of 1119	GENERAL This specification is intended to cover design, engineering, manufacture, fabrication, assembly, inspection & testing at vendor's & sub vendor's works, painting, forwarding, supply and delivery at site including start up and commissioning spares, mandatory spares, operation & maintenance spares, as required properly packed for transportation, loading/unloading / handling and storage at site, in site transportation, assembly, erection and commissioning, trail run, preparation and submission of "As Built" drawings, site testing, carrying out performance guarantee tests at site and handover in flawless operating condition to end customer the entire Sewage Treatment Plant complete with all accessories for 3X660 MW NTPC NORTH KARANPURA STPP .	GENERAL This specification is intended to cover design, engineering, manufacture, fabrication, assembly, inspection & testing at vendor's & sub vendor's works, painting, forwarding, supply and delivery at site including start up and commissioning spares, mandatory spares, as required properly packed for transportation, loading/unloading / handling and storage at site, in site transportation, assembly, erection and commissioning, trial run, preparation and submission of "As Built" drawings, site testing, carrying out performance guarantee tests at site and handover in flawless operating condition to end customer the entire Sewage Treatment Plant complete with all accessories for 3X660 MW NTPC NORTH KARANPURA STPP .
4.	IIB	SECTION – C2	Annexure-II	116 of 1119	Electrical Load data format (Annexure –II)	Electrical Load data format (Annexure –II)-R01

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 WATER TREATMENT PACKAGES (PRE TREATMENT PLANT, EFFLUENT TREATMENT PLANT & SEWAGE TREATMENT PLANT) including supervision of civil construction work for 3X 660 MW North Karanpura Super Thermal Power Project at Jharkhand.	
Ref	01	Tender no PSER:SCT:NKP-M1738:16
	02	BHEL's NIT, vide reference no PSER:SCT:NKP-M1738:4966 Date: 05-04-2016
	03	BHEL's TCN-01, vide reference PSER:SCT: NKP-M1738:TCN-01, dated 06-04-2016
	04	BHEL's TCN-02, vide reference PSER:SCT: NKP-M1738:TCN-02, dated 12-04-2016
	05	BHEL's TCN-03, vide reference PSER:SCT: NKP-M1738:TCN-03, dated 23-04-2016
	06	BHEL's TCN-04, vide reference PSER:SCT: NKP-M1738:TCN-04, dated 28-04-2016
	07	BHEL's TCN-05, vide reference PSER:SCT: NKP-M1738:TCN-05, dated 02-05-2016
	08	BHEL's TCN-06, vide reference PSER:SCT: NKP-M1738:TCN-06, dated 11-05-2016
	09	BHEL's TCN-07, vide reference PSER:SCT: NKP-M1738:TCN-07, dated 13-05-2016
	10	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)