



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 03

Ref: PSER:SCT:NKP-M1734:TCN-03

Date: 29-04-2016

Sub	Tender change notice (TCN) 03	
Job	Design, engineering, manufacturing, supply, erection, testing & commissioning, etc Gas Chlorination Plant for NTPC, 3x660 MW, North Karanpura Super Thermal Power Project, Jharkhand.	
Ref	1.0	Tender No. PSER:SCT:NKP-M1734:16
	2.0	BHEL's NIT, vide reference no PSER:SCT:NKP-M1734:4953, dated 31-03-2016
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:NKP- M1734:TCN-01, dated 15-04-2016.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:NKP- M1734:TCN-02, dated 27-04-2016.
	5.0	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 Introduction of Section- A "Intent of Specification" to Volume –II, Technical Specification.
- 2.0 Please find attached Amendment #1 to Volume –II, Technical Specification.
- 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

- 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



TITLE:
**TECHNICAL SPECIFICATION FOR
GAS CHLORINATION PLANT
3X660 MW NTPC NORTH KARANPURA STPP**

SPEC NO: PE-TS-405-174-A001

VOLUME: II-B

SECTION: A

REV NO: 00

DATE:

**SECTION - A
INTENT OF SPECIFICATION**



TITLE:
TECHNICAL SPECIFICATION FOR
GAS CHLORINATION PLANT
3X660 MW NTPC NORTH KARANPURA STPP

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DATE:

1.0 SCOPE:

- 1.1 This specification is intended to cover design, engineering, manufacture, fabrication, assembly, inspection & testing at manufacturer's works, delivery at site including start up and commissioning spares, mandatory spares, operation and maintenance spares as required, properly packed for transportation, loading/unloading / handling and storage at site, in site transportation, assembly, erection and commissioning, trial run obtaining clearance from explosive department, preparation and submission of drawings including as built, site testing, carrying out Performance guarantee test at site and handover in a flawless operating condition to end customer the entire **GAS CHLORINATION PLANT** complete with all accessories as per details in different sections / volumes of this specification for **3X660 MW NTPC NORTH KARANPURA STPP (EPC)** .

The bidder's scope shall also include any other services, etc. if called for in the succeeding sections of the specification.

2.0 GENERAL TECHNICAL INSTRUCTIONS

- 2.1 The contractor shall be responsible for providing all material, equipment & services, which are required to fulfil the intent of ensuring operability, maintainability, reliability and complete safety of the complete work covered under this specification, irrespective of whether it has been specifically listed herein or not. Omission of specific reference to any component / accessory necessary for proper performance of the equipment shall not relieve the vendor from the responsibility of providing such facilities to complete the supply and erection & commissioning of **GAS CHLORINATION PLANT**.
- 2.2 It is not the intent to specify herein all the details of design and manufacture. However, the equipment shall conform in all respects to high standards of design, engineering and workmanship and shall be capable of performing the required duties in a manner acceptable to BHEL who will interpret the meaning of drawings and specifications and shall be entitled to reject any work or material which in his judgment is not in full accordance herewith.
- 2.3 The extent of supply under the contract includes all items shown in the drawings, notwithstanding the fact that such items may have been omitted from the specification or schedules. Similarly, the extent of supply also includes all items mentioned in the specification and /or schedules, notwithstanding the fact that such items may have been omitted in the drawing.
- 2.4 The general term and conditions, instructions to tenderer and other attachment referred to elsewhere are made part of the tender specification. The equipment materials and works covered by this specification are subject to compliance to all attachments referred to in the specification. The bidder shall be responsible for and governed by all requirements stipulated herein.
- 2.5 While all efforts have been made to make the specification requirement complete & unambiguous, it shall be bidders' responsibility to ask for missing information, ensure completeness of specification, to bring out any contradictory / conflicting requirement in different sections of the specification and within a section itself to the notice of BHEL and to seek any clarification on specification requirement in the format enclosed under VOL-III of the specification during pre-bid clarification. In absence of any such clarifications, in case of any contradictory requirement, the more stringent requirement as per interpretation of BHEL / Customer shall prevail and shall be complied by the bidder without any commercial implication on account of the same. Further in case of any missing information in the specification not brought out by the prospective bidders as part of pre-bid clarification, the same shall be furnished by BHEL/ Customer as and when brought to their notice either by the bidder or by BHEL/ customer themselves. However, such requirements shall be binding on the successful bidder without any commercial & delivery implication to BHEL / Customer.
- 2.6 Deviations along with cost of withdrawal (positive or negative), if any, should be very clearly brought out clause by clause in the enclosed schedule; otherwise, it will be presumed that the vendor's offer is strictly in line with tender specification & there is no deviation. (Price to be given in sealed envelope only.)
- 2.7 In case all above requirements are not complied with, the offer may be considered as incomplete and would become liable for rejection.



TITLE:
**TECHNICAL SPECIFICATION FOR
 GAS CHLORINATION PLANT
 3X660 MW NTPC NORTH KARANPURA STPP**

SPEC NO: PE-TS-405-174-A001

VOLUME: II-B

SECTION: A

REV NO: 00

DATE:

- 2.8 Unless specified otherwise, all through the specification, the word contractor shall have same meaning as successful bidder / vendor and Customer / BHEL / Employer will mean BHEL and /or NTPC. Bidder to refer GCC/SCC for more clarity.
- 2.9 The equipment covered under this specification shall not be dispatched unless the same have been finally inspected, accepted and shipping release issue by BHEL/Customer.
- 2.10 BHEL's/Customer's representative shall be given full access to the shop in which the equipment are being manufactured or tested and all test records shall be made available to him.
- 2.11 Pre-bid meeting shall be held before bid submission. Bidder to ask all their queries in Prebid clarifications format only.



**AMENDMENT ON TECHNICAL SPECIFICATION FOR GAS CHLORINATION PLANT
3X660 MW NTPC NORTH KARANPURA STPP.HA.
TENDER NO : - PSER:SCT:NKP-M1734:16 ; VOL-II
TCN-03**

SPECIFICATION NO.: PE-TS-405-174-A001

AMENDMENT NO # 1

REV. NO. 00 | DATE: 28/04/2016

Page 1 of 1

The following modifications with respect to Technical Specification for Gas Chlorination Plant BHEL's Technical specification no PE-TS-405-174-A001 shall apply.

Bidder to note that existing clauses/details as appearing in the specification stands deleted and clauses/details as mentioned in "Modified to or 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	Modified to or Read as
1.	IIB	SECTION- D1	1.00.00	73 of 319 to 74 of 319.	Details for ACW Treatment System.	These two pages shall be consider as deleted.
2.	IIB	SECTION- A	Intent of Specification.	1 of 319.	"Intent of Specification" inadvertently missed out in Technical specification.	"Intent of Specification" enclosed. Refer Section-A (Enclosed).

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	<i>Design, engineering, manufacturing, supply, erection, testing & commissioning, etc Gas Chlorination Plant for NTPC, 3x660 MW, North Karanpura Super Thermal Power Project, Jharkhand.</i>	
Ref	01	Tender No. PSER:SCT:NKP-M1734:16
	02	BHEL's NIT, vide reference no PSER:SCT:NKP-M1734:4953, dated 31-03-2016
	03	BHEL's TCN-01, vide reference no PSER:SCT:NKP- M1734:TCN-01, dated 15-04-2016.
	04	BHEL's TCN-02, vide reference no PSER:SCT:NKP- M1734:TCN-02, dated 27-04-2016.
	05	BHEL's TCN-03, vide reference no PSER:SCT:NKP- M1734:TCN-03, dated 29-04-2016.
	06	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)

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