



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

( भारत सरकार का उपक्रम )

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Govt. of India Undertaking)

**TCN - 01**

Ref: PSER:SCT:SRG-M1517:TCN-01

Date: 17-02-2014

Sub	Tender change notice (TCN) 01	
Job	Design, Engineering, Manufacturing, Supply/Delivery, Storage, Erection, Commissioning, Trail run, handing over to customer, etc of Compressed Air System for 2x660 MW, Stage-V, Unit # 7 & 8, RRVUNL, Suratgarh Super Critical TPS, Rajasthan.	
Ref	1.0	Tender no PSER:SCT:SRG-M1517:14
	2.0	BHEL's NIT, vide reference no PSER:SCT:SRG-M1517:3594, dated 30-01-2014.
	3.0	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 as per attachaed 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 HYEAVY 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/Delivery, Storage, Erection, Commissioning, Trail run, handing over to customer, etc of Compressed Air System for 2x660 MW, Stage-V, Unit # 7 & 8, RRVUNL, Suratgarh Super Critical TPS, Rajasthan.	
Ref	1.0	Tender no PSER:SCT:SRG-M1517:14
	2.0	BHEL's NIT, vide reference no PSER:SCT:SRG-M1517:3594, dated 30-01-2014.
	3.0	BHEL's TCN-01, vide reference PSER:SCT:SRG-M1517:TCN-01, dated 17-02-2014.
	4.0	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

फैक्स/Fax : (033) 23211960

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## TENDER NO - PSER:SCT:SRG-M1517:14

## ANNEXURE-A TO TCN-01

## CLARIFICATION TO BIDDER'S QUERIES

Sl. No.	Specification No.	Page No.	Clause no	Statement of the specified clause	Clarification required	BHEL's Reply
1	VOLUME-IIB Sec: C1	9 of 348	1.1.13	Online Vibration monitoring System as specified-Lot	Cannot be provided. Not a part of compressor package and cannot be accommodated due to space constraint.	Bidder to comply specification requirement.
2	VOLUME-IIB Sec: C1	13 of 348	9. f	Engineering for this project is being carried out in 3D environment at BHEL end. Name of engineering platform on which BHEL is doing the project IS SmartPlant Suite. This is being done to have automated interface checking and thereby minimising rework at site. Hence bidder, in their own interest, is requested to prepare all layout drawings using 3D Modelling software. These drawings will also be made available to BHEL in soft for checking interface with other agencies in consolidated layout drawings. Bidder's inability to prepare drawing using 3D Modelling software will not be criterion for evaluation of their bid.	We do not have 3D modelling software available. Generating 3D drawing is not considered in scope. We understand, this is not a mandatory requirement.	Bidder to comply specification requirement.
3	C2	18 of 348		Receiver MoC IS2002	Since IS2002 is not readily available, we would like to offer its alternative SA516 Gr. 70. Kindly confirm.	Bidder to comply specification requirement.
4	D11	23 of 348		Overall control of compressed air system shall be through hot redundancy PLC with two nos. engineering cum operating work station (OEWS) consisting of 21" LCD monitor shall be provided along with two nos. A3 size coloured laser jet printers.	Can we provide 1# EWS and 1# OS instead of 2# OEWS? For 2# OEWS; 2# licences has to be provided for the same software, which is not add any value and hence not economical.	Bidder to comply specification requirement.
5	D11	24 of 348	4.6	All drive motors, switch gear units / starters, earthing, power / control / instrument cables and all miscellaneous works.	This is contradicting with C.1 SCOPE OF SUPPLY, TERMINAL POINTS AND EXCLUSIONS, Clause 3.1 MCC/Switchgear for power supply to Air Compressors and other drives and panels are excluded from scope.	Bidder to comply cl. No.3.1, Vol-IIB, (Page 11/350) of technical specification.
6	D11	25 of 348	6	At site : 1. Parallel operations of air compressors. 2. Capacity & dew point of air at the outlet of air drying plants of instrument air compressors. 3. Pressure drop across the air drying plants of air compressors. 4. Vibration & noise level of air compressors, blowers of air drying plant ( if applicable)	We assume that Site testing shall be done with job instruments only. For testing like flow capacity etc, for which there is no job instrument is in scope, the measuring instruments shall be provided by customer.	Bidder to refer cl. No.1.1.8, Vol-II (Page 11 of 350), which includes "all instruments necessary for performance testing of compressors as well as air drying plants" in bidder's scope. Bidder to quote accordingly. A