



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 01

Ref: PSER:SCT:SRG-M1519:TCN-01

Date: 21-02-2014

Sub	Tender change notice (TCN) 01	
Job	Design, engineering, manufacturing, supply, erection & commissioning of PT Plant Package for RRVUNL, 2x660 MW, Stage-V, Unit # 7 & 8 Suratgarh Super Critical TPS, Rajasthan.	
Ref	1.0	PSER:SCT:SRG-M1519:14
	2.0	BHEL's NIT, vide reference no PSER:SCT:SRG-M1519:3607, dated 07-02-2014.
	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 The clarifications to bidders queries are attached at 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

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

ANNEXURE-A to TCN- 01

Job	Design, engineering, manufacturing, supply, erection & commissioning of PT Plant Package for RRVUNL, 2x660 MW, Stage-V, Unit # 7 & 8 Suratgarh Super Critical TPS, Rajasthan.
Tender no.	PSER:SCT:SRG-M1519:14

Sl. No.	Reference clause of tender document	Existing provision	Bidder's query	BHEL's clarification
1	II-B, Spec No PE-TS-392-158A-A001, section-C1, CL. No. 3, 4.3, 5.3	Capacity of Stilling Chamber ,Flash Mixing Chamber, Parshall Flume,	We understand that the output capacity of each clariflocculator will be 2100 m3/hr , hence Units upstream to clariflocculator need to be designed for 2100 m3/hr x 2 + Sludge loss in Clariflocculator + (Thickener Supernatant)+ (Centrate from Centrifuge) . Kindly Confirm our understanding.	Follow Tender Technical specification.
2	II-B, Spec No PE-TS-392-158A-A001, Section-C1, CL. no. 11.4	Capacity of Thickener	We understand, thickener capacity mentioned as 75 m3/hr is the minimum requirement, the sludge calculations will be based on clariflocculator outlet flow rate of 2100 m3/hr x 2 = 4200 m3/hr + sludge from Clarifier+ Supernatant from Thickener+ Centrate from Centrifuge + Backwash waste from Rapid gravity filters. Kindly confirm our understanding.	Follow Tender Technical specification.
3	II-B, Spec No PE-TS-392-158A-A001, Section-C1, CL.No. 19.1	Type of Pump for Sludge Transfer	Tender mentions Vertical Centrifugal Pumps. Based on experience & maintenance & operational issues, we suggest Horizontal centrifugal pumps for this application	Follow Tender Technical specification.
4	II B Spec No PE-TS-392-158A-A001, Section-C1. And VOLUME: III SECTION: D7, CL.no. 03	Valve Specification	There is ambiguity in valve specification. For eg. Spec No PE-TS-392-158A-A001 mentions butterfly valves to be Lugged type however end connection mentioned in Sheet 20 OF 22 for treated water in Flanged type. Kindly confirm the type of valve to be considered for each application & MOC of valve to be considered.	In case of discrepancy between Valve specification (given in data sheet A, page no. 30-31 of 368) and "Specific requirement for valves " page no. 121-122 of 368, bidder to follow " Specific requirement for valves " page no. 121-122 of 368.

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 & commissioning of PT Plant Package for RRVUNL, 2x660 MW, Stage-V, Unit # 7 & 8 Suratgarh Super Critical TPS, Rajasthan.	
Ref	1.0	PSER:SCT:SRG-M1519:14
	2.0	BHEL's NIT, vide reference no PSER:SCT:SRG-M1519:3607, dated 07-02-2014.
	3.0	BHEL's TCN-01, vide reference PSER:SCT:SRG-M1519:TCN-01, dated 21-02-2014.
	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

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