



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-27-Jul-20

CORRIGENDUM- 01

PROJECT	:	3X200+3X500+1X500 MW NTPC KORBA TPP-FGD
PACKAGE	:	MISC. TANKS(SITE FABRICATED)
ENQUIRY NO	:	PE/PG/KR1/E-6469/2020 Dated. 09.07.2020
SUBJECT	:	PRE- BID CLARIFICATION

Type of Corrigendum			
Technical Corrigendum -	<input checked="" type="checkbox"/>	Commercial Corrigendum -	<input type="checkbox"/>

In reference to the above mentioned tender enquiry for **MISC. TANKS(SITE FABRICATED)** package

Please note the following.

1. All bidders are requested to go through the attached pre-bid clarification.

All the other terms and conditions of the tender enquiry remain unchanged. All the bidders are requested to quote accordingly.

Yours faithfully,

For and on behalf of BHEL

Guru Das
Manager

PRE-BID CLARIFICATION SCHEDULE

**Sub: Tender for MISC.TANKS (SITE FABRICATED), 3X200+3X500+1X500 MW NTPC KORBA TPP-FGD
Enquiry No- PE/PG/KR1/E-6469/2020**

Sl. No.	Section/Clause/Page No.	Statement of the referred clause	Clarification required	BHEL's Clarification
	SPECIFICATION NO.: PE-TS-466-167-A101			
1	Clause - 1.3 h), SECTION -I, SUB SECTION -C1-A, Page 84 of 391 And Clause 9.0 EXCLUSIONS, sub clause 4 - Page 90 of 391	Supply and erection of vent valves shall be in bidder's scope. And All valves are excluded from bidder's scope of work.	Both clauses are in contradiction to each other. Please clarify scope of work for valves supply and erection.	Vent valve is not applicable for these FGD tanks. The clause 1.3 (h), page 84 of 391 stands deleted. However, as per specification bidder shall provide vent with suitable bird screen.
2	Clause 9.0 EXCLUSIONS, sub clause 3 - Page 90 of 391	The Sumps/drain pits indicated in the tank schedule (Section-III, Annexure-8) is excluded from bidder's scope of work. However, the erection and commissioning of the agitators and VE Flake glass lining within the sump/drain pits shall be in bidder's scope of work.	While it is noted that sumps/drain pits are excluded from bidder's scope	Specification requirement is clear. Bidder to comply specification requirement.
3	Clause 12.0 OTHER TECHNICAL REQUIREMENTS, sub clause 12 - Page 91 of 391	Dealers are not acceptable for any item of the package. Bidder shall procure all items including plates, structural, flanges, counter flanges etc. from BHEL approved sub vendor only. No argument on this account shall be entertained.	Tank internal pipes shall have to sourced from approved dealer since quantity will be very small and procurement of same shall not be feasible from manufacturers. Please confirm.	Bidder to comply specification requirement. However the issue shall be taken up with NTPC during detail engineering & shall be subjected to NTPC approval.
4	Clause 1.0 SCOPE OF SUPPLY, page 84 of 391 and Clause 9.0 EXCLUSIONS, page 89 of 391	Scope of Supply and erection of Instruments and accessories.	We understand that supply and erection of all type of instruments and accessories are excluded from bidder's scope. Please confirm.	Bidder understanding is correct. However bidder to provide nozzles for instrument mounting as per specification requirement.
5	page 381 Of 391, Sl. No. 8 g) & j) - Annexure 8, FGD TANKS SCHEDULE - TANK SCHEDULE & GA DRAWING (TYPICAL) WITH AGITATOR PLATFORM	Dimension of tanks are mentioned under this clause.	Please clarify that the size of the tank can be modified during detailed engineering stage which will enable the roof of the tank to be more Self supporting.	Pl. note that the tank dimensions are freeze & is not subjected to change during detail engineering. Bidder to comply the specification requirement.
6	Page 87 Of 391, SUB SECTION-C1A SPECIFIC TECHNICAL REQUIREMENT-TANKS, Clause 3.13 and page 382 Of 391, Annexure 8 - FGD tank schedule - Sl. No. 14 f)	The joint efficiency factor to be adopted for design calculation of shell thickness shall be 0.7. and As per IS	Please clarify the joint efficiency factor to be considered for design of tanks since both clauses are contradicting in nature.	Joint efficiency shall be considered as 0.7 as per IS 803.
	GCCRev07			
7	Clause 11.0 - Contract Performance Bank Guarantee	Sub clause 11.2 specifies that contractor shall submit a Contract Performance Bank Guarantee for 5% of Order/Contract value.	We understand that no Contract Performance Bank Guarantee is to be submitted for this work, which is in line with NIT clause no. 8, Security Deposit (SD), which specifies the same to be as "NIL". Please confirm.	clause no 11.0 of GCC rev-07 shall be applicable.