



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-22-Jul-19

CORRIGENDUM- 04

PROJECT	:	1X660 MW UPRVUNL PANKI TPP EXT
PACKAGE	:	PRETREATMENT PLANT
ENQUIRY NO	:	E-6215/2019 Dated. 06.06.2019
SUBJECT	:	PRE- BID CLARIFICATION

Type of Corrigendum			
Technical Corrigendum -	☐	Commercial Corrigendum -	☒

In reference to the above mentioned tender enquiry for **PRETREATMENT PLANT** package

Please note the following.

Pre –bid clarification attached with this corrigendum shall be treated as part of NIT.

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

R P Yadav
Dy. Manager

PRE-BID CLARIFICATION FOR PTP REGARDING 1X660 MW UPRVUNL PANKI TPP EXT.

Sr. No	VOLUME	SECTION	CLAUSE NO	PAGE NO.	SPECIFICATION REQUIREMENT	CLARIFICATION	REASONS FOR CLARIFICATION	BHEL REPLY
1	Drg. No. PE- DG-426-158-A001		Grid B -8	--	Chlorine Analyser provision is indicated in Drg.	Please clarify whether Supply is included in PT Plant scope	Clarity of Specification	Residual chlorine analyser are in bidder scope as per specification clause no 25 of vol -IIB section C1 under additional requirements.
2	-do _		Note No. 11		1)Over Flow and Drains handling Filter Water in PTP is to be led to Filter Back Wash Sump	Scope of Work does not envisage provision of Filters and hence no Filter Back Wash flow is expected . There for requirement is not understood .	Clarity of Specification	Note 11 of P&ID of PT plant stands deleted. However requirements stipulated at sl no 12 remain applicable.
3	-do -		Note No. 12		Overflow drain from Filtered Water Reservoir , Filter Water Sump etc shall be led to Back Wash Sump			
4	-do-		Grid D-11		P & I Drg. Indicates Dumper Truck provision	I) Please clarify whether PT vender is to supply Truck Dumper complete with Driving engine or only Dumper Trolley is envisaged to be supplied . Cost difference is substantial li) Further please clarify whether one Dumper is required or 2 nos. Are required .	Clarity of Spec.	Two (2) Nos dumper trucks complete with driving engines are required as per specification clause no 19 of vol - IIB section C1 under SCOPE OF SUPPLY (MECHANICAL)
5	-do-		C-1		Fe CL3 Bulk Storage Tanks provision is envisaged	Please clarify whether such Bulk storage Tanks are to be located open to sky or under shed . Further , please clarify whether such Shed construction is part of PT Plant scope of civil works		

6	-do-		A-7		Filtered water Over Head Tank	Please confirm that such Tank shall be located over Chemical House and shall form part of Chemical House Civil works .	Clarity of Spec.	Clarified water O/H tank (RCC) shall be located on roof of chemical House which is part of BHEL scope. Instruments, pipining and valves, etc required for O/H tank shall be under part of PT plant supplier as per tender specification.
7	-do-	Civil Work	--		Clarifier Floor Slab	Please clarify whether PRV provision could be considered while designing floor slab of Clarifier	Clarity of Spec.	PRVs are not allowed
8	-do-	Civil Works	--		Bearing Capacity of Soil	SBC at 1 M , 1.5 and 2 M may please be advised as civil works are to be estimated by us for part of our scope works .	Clarity of Specification	For SBC, bidder may please refer the Geo technical report furnished along with NIT.
9	Volume II - B	Section – C1	Clause No. 11	Pg. No. 95 of 1450	Thickener :	Considering the inlet and outlet concentration of sludge from Thickener approx. 23 m3/hr of thickened sludge shall be generated. However the tender has a condition that centrifuge capacity shall not be more than 10 m3/hr and o	Difference in the capacity of thickened sludge generated and treated/processed in centrifuge.	Please note that the minimun capacity requirement has been given however the final centrifuge capacity shall be as per process requirement.
					Inlet solid concentration : 2% from Clarifier	Please clarify that centrifuge capacity can be considered as per calculation by Bidder and can be more than 10 m3/hr		
					Outlet Concentration : 6% Min			
				Pg. No. 96 of 1450	Centrifuge:			
			Clause No. 14		No. Of units : Two (2) (1W+1S) 2x100%			
					Capacity : Not more than 10 Cum/hr			