



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-7-Sep-19

CORRIGENDUM- 06

PROJECT	:	1X660 MW BHUSAWAL TPS UNIT 06
PACKAGE	:	PRETREATMENT PLANT
ENQUIRY NO	:	E-6274/2019 Dated. 30.07.2019
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.

1. Reply for Pre-bid queries attached with this corrigendum shall be considered as part of NIT
2. With reference to clause no 38 of NIT, please read BHEL- PSWR in place of BHEL-PSNR.

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

Reply for Pre-Bid Querires for PTP Bhusawal						
Enquiry No. E-6274/2019 dated 30.07.2019						
SNO	SECTION	CLAUSE NO.	PAGE NO.	SPECIFICATI ON REQUIREME	CLARIFICATION	REASONS FOR CLARIFICATION
1		Aux Pwer format			Kindly note that the query is regarding intermittent drives that has been included in the " FORMAT FOR GUARANTEED AUXILIARY POWER CONSUMPTION FIGURES ". Kindly confirm whether we have to consider filter backwash transfer pumps , Air blowers for Gravity filters .	BHEL reiterate electrical drives indicated in the Auxialiry power format shall be considered for aux power quotation.
2	C1	Clause No. 12 Raw Water Analysi Clause No. 1.4.3 – Performanc Guarantees Water Quality at Gravity Filter Outlet	Pg. No. 24/3099 Pg. No. 58/3099	Organic Matter : 50 Organic Matter : Nil	The Tender requires Organic Matter at the outlet of Gravity Filter as NIL However, there is no treatment envisaged in the suggested process scheme that can achieve the same. Please confirm how organic matter will reduce in the outlet of there is no treatment provided	Organic Matter Gravity Filter Outlet Characteristic. Please note that the organic matter (suspended) removal to be taken care through the pre treatment plant. The dissolved organic matter shall be taken care by BHEL through the ozon dosing
3		Centrifuge capacity			With reference to the tender document PE-TS-415-158A-A001 REV 00 ,Pg 86 of 3099 , Datasheet No ,Considering 1000 ppm for Sludge thickener & Centrifuge , Capacity of centrifuge is higher at 5 % consistency. (47 m3/hr) . Kindly clarify whether we can go for 2 x 50 % centrifuges & Confirm standby units for the same. Also confirm whether we can design at 6 % consistency to lower sludge flowrate. Kindly clarify the above query to enable us design the plant effectively.	Bidder can offer more number of centrifuge to meet system requirement, however 100 % standby centrifuge requirements of the specification shall be fulfilled. For Auxiliary power gurantee, all working centrifuges shall be considered by bidder and no of working and standby centrifuges shall be indicated in aux power format.
4		Gravity Filter capacity			With reference to the tender document PE-TS-415-158A-A001 REV 00 ,Pg 92 of 3099 , Datasheet No , Capacity of each Gravity filter (Non-dm chain) is 250 m3/hr & net output of non dm chain is 43632 m3 per day (1818 m3/hr) i.e 227.25 m3/hr. If capacity of Non -DM filter is 250 m3/hr , Clarifloculator outlet flowrate should be 2000 m3/hr .Hence Inlet at Aerator will exceed 5 % margin on the maximum demand.(2100 m3/hr). Kindly clarify the above query to enable us design the plant effectively.	Minimum design capacities of each equipment are already defined in the BHEL technical specification. Bidder shall design the system/equipments taking care of same.