

## **CORRIGENDUM -1**



### **E-Tender No – RFCL-18**

#### **REVISED TENDER SCHEDULE and CLARIFICATIONS**

FOR

#### **“CONTINUOUS OPERATION AND MONITORING OF COOLING WATER TREATMENT PROGRAM INCLUDING SUPPLY OF CHEMICALS” AT FERTILIZER CITY, RFCL PLANT, RAMAGUNDAM (TELANGANA)**

Tender Ref: RFCL/C&P/CWT/2020/1

Sr. No.	Tender Stage	Date & Time
1	Start Tender Document Download	13.05.2020 at 11:00 hrs.
2	End Tender Document Download	05.06.2020 at 15:00 hrs.
3	Due/ last date of submission Bids	05.06.2020 at 15:30 hrs.
4	Techno-commercial Bids Opening	05.06.2020 at 15:45 hrs.
5.	Price Bid Opening	To be intimated later
6	Place of Opening of Bids	RFCL's H.O. office, New Delhi

#### **FOLLOWING CLARIFICATION TO NIT ARE HEREBY AUTHORIZED**

Sl. No	Description	Clarifications / May be READ AS
1.	COC	As per Clause No. 2.3 of NIT CW treatment design COC is 4 and which is to be considered by Bidders.
2.	Scope (Owner & Vendor)	Corrosion coupon and SRB TVC kit are in RFCL scope. However, Corrosion racks and necessary fittings in vendor scope (Ref. 3.2.2 PARA No.1 of Annexure-IV of NIT).
3.	Clause no.4.5 owner scope	Vendor shall carry out daily water analysis to monitor the necessary treatment package. RFCL has the right to check the analysis. Lab facilities shall be provided to the vendor for the above analysis. However, for analysis of chlorine dioxide and Zinc, vendor shall provide spectrophotometer. All reagents for testing/analysis in the

		scope of vendor.
4.	Clause No.2.4 Chlorination system - Initial dosing rate of ClO <sub>2</sub> shall be 2mg/L based on hold up volume	As per ANNEXURE-IV, point no 2.4 of (b): Chlorine dioxide shall be used as biocide. <u>Initial dosing rate of ClO<sub>2</sub> shall be 2mg/L based on hold up volume.</u>
5.	ClO <sub>2</sub> dosing rate is adjusted to maintain 0.2 to 0.4 mg/L of ClO <sub>2</sub> in the return header- Duration of ClO <sub>2</sub> dosage.	As per ANNEXURE-IV, point no 2.4 of (b): Subsequent dosing rate is adjusted to maintain 0.2 to 0.4 mg/L of ClO <sub>2</sub> in the return header. It is continuous dosing to meet the 0.2 to 0.4 mg/L of ClO <sub>2</sub> .
6.	ClO <sub>2</sub> dosage is based hold up or circulating rate	As per ANNEXURE-IV, point no 2.4 of (b): Chlorine dioxide shall be used as biocide. Initial dosing rate of ClO <sub>2</sub> shall be 2mg/L based on hold up volume. Subsequent dosing rate is adjusted to maintain 0.2 to 0.4 mg/L of ClO <sub>2</sub> in the return header. It is continuous dosing to meet the 0.2 to 0.4 mg/L of ClO <sub>2</sub> .
7.	Clause No. 3.2.3 it is mentioned that free residual chlorine level of 0.2 ppm in the return header of each cooling tower - whether RFCL supplying Chlorine.	No one is supplying Chlorine. Based on ClO <sub>2</sub> dosing ClO <sub>2</sub> level of 0.2 ppm to be maintained in the return header.
8.	Clause No.2.6.3- it is mentioned that Chloride level in the makeup water is 50.7ppm and Circulating water is 202.8 ppm	50.7ppm chloride is in makeup water. Since COC is 4 recirculating CW chloride is 202.8ppm (Max).
9.	Clause 3.6.1 Monitoring Tools: ORP monitor	No Portable ORP meter. As per ANNEXURE-IV, point no 3.6.1 online / other monitoring instruments are to be provided for each tower by the Vendors.

All other terms & conditions of tender document remain unaltered. For further details, visit website: <http://rfcl.co.in/opentender.php> & [www.tenderwizard.com/RFCL](http://www.tenderwizard.com/RFCL). Any Corrigendum / Addendum (s) to this Notice shall be published on RFCL's website / e-tender portal only. The tenders will be submitted online on the web site [www.tenderwizard.com/RFCL](http://www.tenderwizard.com/RFCL) only.

**For & behalf of RFCL**

**(Shashi Prakash)  
Manager (C&P)**