



CHENNAI METRO RAIL LIMITED

(A Joint Venture of Govt. of India & Govt. of Tamilnadu)

CORRIGENDUM NO: 1

TENDER NO: CMRL/MEP/DEPOT/08/2018

“Supply of Hydro-pneumatic and Dewatering Pumps along with necessary accessories for Staff Quarters in Chennai Metro Rail Limited”

Revised Bid Information Sheet

S.N O	Page No.	Tender Clause	As per Tender Document	Revised as
1		Clause 9	Points are added	<u>9. Performance Security Deposit:</u> Performance Security is 10% of contract value. It shall be submitted in form of DD within 10 days from reception LOA/Work Order. The same shall be returned to the bidder 15 days after the DLP / Warranty Period (24 Months).
2	8	Annexure A	Change of Technical Specifications	Technical Specifications are modified. Please refer Annexure A of Corrigendum 1.

This Corrigendum forms the part of the tender document (technical bid) and is required to be signed and sealed by the bidder while submitting bids to CMRL.

For Chennai Metro Rail Limited

Joint General Manager / MEP (UG)

Technical Specifications and Compliance Sheet

S.No	Technical Compliance			To be filled and signed by the bidder	
	Description	Unit	Qty	Compliance (Write Yes or No only)	If No, state the deviation
1.	Supplying & commissioning of Vertical, Non-self-priming, multistage, inline, Packaged Hydro pneumatic system with standby pump having SS casing , SS Impeller, stainless steel shaft directly coupled to motor suitable for operation on 400/440 volts, 3 phase 2900 RPM. TEFC electric motor mounted on a common channel baseplate with coupling guard, 150 mm dia pressure gauge, isolation valve, VFD Drive, control panel, pressure switch, Pressure Sensor, Motor Controls of OLR, Dry Run Trip, Thermistor protections, etc. with assembled suction and delivery manifold including necessary fittings and accessories* complete as required. Make: Kirloskar / Grundfos / DP Pumps / Equivalent VFD Make: DANFOSS / Schneider / ABB / Equivalent Flow :10 m3/h Head : 85 m Motor Capacity: 3 Ph, 4 Kw	1	No's		
		<u>Specify Make:</u>			
2.	Supply & Commissioning of Pressure Tank for Hydro pneumatic system Capacity: 10 Bar, 300 Litres Make: Grundfos / DP Pumps / Equivalent	1	No's		
		<u>Specify Make:</u>			
3.	Supply & Commissioning of fully submersible non clog sump pumps for dewatering with	1	No's		

S.No	Technical Compliance			To be filled and signed by the bidder	
	Description	Unit	Qty	Compliance (Write Yes or No only)	If No, state the deviation
	float switch for automatic operation, control panel, cable between control panel and pumps ,40 mm thick solid handling capacity ,C.I or Stainless steel casing, Stainless steel or bronze and stainless steel shaft suitable for operation on 400 / 440 V pH 50 cycle A/C power supply, 3 phase with NRV for each pump, Isolation Valve, Motor Controls of OLR, Dry Run Trip, Thermistor protections, etc. complete as required. (1 Working + 1 Standby with Common Control Panel) Make: Grundfos /Equivalent Flow :12 m3/h Head : 15 m Motor Capacity : 3Ph, 2 KW	<u>Specify Make:</u>			
4.	Enclose product brochures and GA Products of quoted products				
5.	Minimum of Two year DLP / Warranty	Specify DLP / warranty period			

* The Hydro-pneumatic pumping accessories includes suction and discharge butterfly valves, non – return valves for both the pumps, both sides opened suction and delivery manifold and base frame which accommodates pumps and pressure tanks.

* The material of Construction for accessories is Galvanized Iron including manifolds, flanges, base frames, valves and non – return valves.