

PRORITES EQUIPMENTS PVT LTD.

Gat No. 83, Jyotibanagar, Talawade, Pune - 411062

DOCUMENT NAME: OFFER & TECHNICAL SPECIFICATION FOR PHOSPHATE DOSING SYSTEM

CLIENT:	MERU INDUSTRIES LLP	OFFER NO.:PEPL/QTN--155 /21-22	Rev 01
PART.CAT.NO.:-		DATE:	12.01.2022
CONTACT PERSON:	Mr. NARAYAN GORE	PROJECT:	SOMESHWAR
		REV.:	R1

SR NO.	ITEM	PHOSPHATE DOSING SYSETM
1	DOSING TANK	
	1	MAKE: PRORITES
	2	TYPE: VERTICAL
	3	SIZE: DDE
	4	USABLE CAPACITY: 500 LTR
	5	LIQUID/MATERIAL HANDLED: Ammonia or etc
	6	FLUID TEMPERATURE: 30-35 C
	7	OPERATING PRESSURE: ATMOSPHERIC
	8	MATERIAL OF CONSTRUCTION: LDPE
	9	SHELL THICKNESS: 2MM & 3MM
	10	TESTING: LEAKAGE TEST : WATER FILL UP
	11	QUANTITY: 1NO.
2	DOSING PUMP	
	1	MAKE: METCHEM / PRORITES
	2	MODEL: FE-A-105
	3	TYPE: ELECTROMAGNETIC DIAPHRAGM
	4	HEAD MATERIAL: PP
	5	FLOW: 0-10 LPH
	6	DISCHARGE PRESSURE: 2 KG/CM2
	7	COIL RATING: 40 WATT
	8	CAPACITY ADJUSTMENT: MANUAL
	9	VOLTAGE SUPPLY: 220V,50HZ, 1 PH
	11	PUMP QUANTITY: 2 NOS.
3	AGITATOR	
	1	MAKE: PRORITES
	2	TYPE: TOP ENTRY MOTORIZE
	3	MODEL: AG-03
	4	AGITATOR SPEED: 960 RPM
	5	MOTOR RATING: 60 WATT
	SHAFT DETAILS:	
	SHAFT MATERIAL OF CONSTRUCTION: SS316	
	SHAFT LENGTH: 950 MM	
	TYPE OF IMPELLER: PROPELLER TYPE	
	IMPELLER MATERIAL OF CONSTRUCTION: SS316	
4	TANK NOZZLES	
	A	CHEMICAL INLET (SIZE): 3" WITH CAP
		MATERIAL OF CONSTRUCTION: PVC
	B	RAW WATER INLET(SIZE): 1" WITH FLANGE ANSI B16.5,150#
		MATERIAL OF CONSTRUCTION: PVC
	C	LEVEL GAUGE: Sticker Marking On Tank
	D	DRAIN CONNECTION WITH VALVE(SIZE): 1/2"
		MAKE: STD
		MATERIAL OF CONSTRUCTION: PVC
	AUXILLARY PIPING	
	A	Suction Side Auxiliary Piping With Foot valve
		1Set/PUMP With Std Pipe
	B	Discharge Side Auxiliary Piping With antis phone Valve
		1 Set/PUMP LDPE Tubing Up to 5 Mtr