

Sr. No.	Description	Qty
01	<p><u>FAN – MOTOR SETS</u> <i>(As per attached as annexure-2)</i></p> <p><u>SPECIFICATION OF FAN:</u> Type: Centrifugal (Single Inlet) Air Flow rate: 667m3/hr External Static pressure: 30mm of water column(-ve) Material (casing, blade, shaft): SS-316L Drive Type: Direct Driven Environment Pressure: 0.12MPa Environment Temperature: ≤80oC Environment relative humidity: 20~90% Ends: Flanged Flanges: SS-316L, Ø6”, 150lb. Size: Accounting to attached drawing</p> <p><u>SPECIFICATIONS OF MOTOR:</u> Type: Squirrel Cage Induction Motor as per IEC 60034 Power: 115V AC, 3-Phase Frequency: 50Hz Speed: Supplier’s Scope Power Factor: 0.85 Mode of Starting: D.O.L. Mode of Cooling: Self Ventilated Air Cooled Enclosure Class: IP 54 Efficiency: 90% Insulation Factor: 1.15 Duty Cycle: Continuous</p> <p><u>NOTE:</u> Power supply (Already available with client) The available power supply is 115V AC, 3-Phase 50Hz, the motor is fed from a 500VDC to 3-Phase, 115 VAC inverter. So the motor shall be suitable for inverter fed operation.</p>	02 Sets of fan motor
2	<p><u>BUTTERFLY DAMPER (WITH ACTUATOR)</u> <u>SPECIFICATIONS: -</u></p> <p>Air Flow Rate: 667m3/hr Material (Frame, blade, axle,flange): SS-316L Function: Backdraft prevention 9the Limit switches as per IEEE-1290 shall be provided) Configuration: Currently pivoted single balanced blade. Actuator: Solenoid of Manufacturer Standard Power: 115V AC Connected Pipe/duct: DN150 Connection Type: Flanged (SS-316L, 150lb) Maximum ΔP across the damper: 30mm of water column. Temperature Range: 20~80oC Normal operating position: Open Installation position: Horizontal</p> <p><u>NOTE:</u> The available power supply for the solenoid type actuator is 155V AC, single phase, 50Hz,. The damper actuating mechanism shall be placed outside the air stream and be fitted firmly on the damper frame. The torque of the actuator shall be at least 1.5 times of the dynamic torque.</p>	2 Nos.

