

Annexure

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Sr. No	Description/Specifications/Cat. No	Qty Required
1	<u>Rotary Vane vacuum Pump</u> Model: Edwards RV12 Origin: Britain Power connection: Single phase, Voltage: 220 V Displacement: 50Hz: 8.4 ft ³ /min, 60Hz: 10 ft ³ /min Ultimate pressure: mbar/ torr: $2.0 \times 10^{-3} / 1.5 \times 10^{-3}$ Maximum outlet pressure: bar gauge/psig: 0.2/2.8 Inlet flange: NW25 Exhaust flange: NW25 Noise level: 48 dB(A) Operating temperature: 12-40 °C	01 set
2	<u>Rotary Vane vacuum Pump</u> Model: Edwards RV 8 Origin: Britain Power connection: Single phase, Voltage: 220 V Displacement: 50Hz: 5.7 ft ³ /min, 60Hz: 6.9 ft ³ /min Ultimate pressure: mbar/ torr: $2.0 \times 10^{-3} / 1.5 \times 10^{-3}$ Maximum outlet pressure: bar gauge/psig: 0.2/2.8 Inlet flange: NW25 Exhaust flange: NW25 Noise level: 48 dB(A) Operating temperature: 12-40 °C	01 set
3	<u>Pirani Vacuum gauge)</u> Range: 0 – 10^{-3} m bar Operating temperature: 5-60 °C Make: Edwards APG 100 xM	01 set
4	<u>Vacuum Pump Oil, Ultra grade 19,</u> Packing of 1 Litre	5 Litre

5	<u>Rotary Vane Pump</u> (for pumping distilled water of Chiller) model /Manufacturer: (Procon series-3) Standex international IRL/Germany Ref # 133B 100 F 11 GB150 Flow rate: 300 Liters/Hour Body Material: Stainless steel Maximum discharge pressure:150 Psi Rotation: Clockwise	01 Nos
6	<u>Three phase Motor</u> Having compatible shaft with the Procon rotary Vane pump of Series-3' Power:0.25 KW	01 Nos
7	<u>Spray grease (MOS 1910)</u> Molybdenum disulfide based Anti seizure Lubricant Brand: Three Bond Country Origin:(European)/equivalent	12 Nos
8	<u>Micro pure water Purification System</u> ,with Ultra filtration membrane and UV photo -oxidation, with integrated feed water tank Conductivity of water: 0.055 μ S/cm Resistivity: 18.2 M ohm Bacterial count: < 0.01 CFU/ml Feed water pressure: 1-6 Bar Voltage: 240V Frequency:50/60Hz Make: Barnstead (Thermo Scientific part#50132372 or equivalent	01 Nos
9	<u>Cartridge for use with Micro pure water Purification system</u> Make: Thermo scientific catalogue # 09.1006	04 Nos