

Sr. No

Description / Specification

1

EXHAUST AIR FANS with spares

Detailed specifications and quantity as per attached specifications at page-2/3

2

Off-Gas Blowers with spares

Detailed specifications and quantity as per attached specifications at page-3/3

(2/3)

SPECIFICATION SHEET

Sr. No.	Description of Store	Quantity Required
1.	<p data-bbox="104 317 1036 352"><u>EXHAUST AIR FANS (BLOWERS) WITH COMPATIBLE MOTOR</u></p> <p data-bbox="126 392 1001 427">(Centrifugal Backward Inclined SWSI with Standard Accessories)</p> <p data-bbox="92 501 771 536">Flow Rate/Capacity: 20000 CFM (33980 M³/Hr.) Approx.</p> <p data-bbox="92 571 666 605">Discharge of Fan: Top Horizontal (Flanged type)</p> <p data-bbox="92 631 1050 675">Direction of rotation: 01 No. Blower with LG-90° & 01 No. Blower with RD-90°</p> <p data-bbox="92 710 533 744">Dampers: At inlet (Suction side only)</p> <p data-bbox="92 779 481 814">Static Pressure: 6 inches of W.G</p> <p data-bbox="92 848 487 883">Speed of fan: 1000 RPM Approx.</p> <p data-bbox="92 918 370 953">Fan Drive: Belt Driven</p> <p data-bbox="92 979 598 1013">Electric supply: 3 Phase, 380-400V, 50 Hz</p> <p data-bbox="92 1048 1026 1083">Country of Origin: European Origin, Singapore, Malaysia, China or Equivalent</p> <p data-bbox="104 1187 222 1222"><u>SPARES:</u></p> <p data-bbox="104 1256 346 1291">i) Electric Motor</p> <p data-bbox="104 1326 198 1361"><u>NOTE:</u></p> <ul data-bbox="129 1361 1048 1612" style="list-style-type: none">• Material of construction: Blower Casing, Impeller & Shaft should be SS316• Blower Impeller should be statically & dynamically balanced with unitary base• All technical literature of Blower must be provided with quotation in English language	<p data-bbox="1091 317 1171 352">02 No.</p> <p data-bbox="1103 1230 1177 1265">01 No.</p>

Specification Sheet

(3/3)

Sr. No.	Description	Qty.
1.	<u>Off-gas Blowers</u> R.P.M: 1450 RPM Flow Rate: 4000 m ³ /h Suction Pressure: 400-600 mm of H ₂ O Material of Construction of Impeller: PPH Material of Construction of Casing: PPH Operating Temperature: 0-60 °C Gas/Vapour to be handled: Moist Fluorine. Gas Concentration ≤ 5 % Electric Supply: 380 V, 50 Hz, 3-Phase Drive: V-Belt Driven Complete skid mounted V-Belt cover and Shock Dampers etc. Nut & bolt etc. of impeller and volute casing must not be exposed to off gasses	03 Nos.
2.	<u>Spare Parts for item at Sr. No. 1</u> i. Impeller: PPH ii. Casing: PPH iii. Electric Motor	08 02 Nos. 02 Nos. 01 No.