

Annexure - 14 Mandatory Spares				
S.No.	Item description	Recommended Qty.		Required Qty.
A. Mechanical Items				
1	Valve upto 2" size	20% of total population or minimum 2 nos for each type, size and rating which ever is higher.		2 Nos of each type
2	Valve Gasket, Gland Packing for size above 2"	20% of total population or minimum 2 nos for each type, size and rating which ever is higher.		1 No. of Complete ESD Valve
3	Bolts	20% of total population or minimum 2 nos for each type, size and rating which ever is higher.		As per Recommended Qty.
4	Filter Element for Fine Filter Skid	1 set (set means replacement of total filter element of One no. Filter Separator)		As per Recommended Qty.
B. Instrumentation Items				As per Recommended Qty.
1	Pressure Gauges & Differential Pressure Gauges	20% (Subject to min. of 1) of each type, whichever is higher.		As per Recommended Qty.
2	Level Gauges	20% (Subject to min. of 1) of total level gauges for each type,		
3	SMART Transmitters for Level (DP) including remote seals	15% or minimum of 2, whichever is higher of each type, model no., make of whole unit.		1 No. of each type
4	Instrument Valves / Tube Fittings / Tube / Junction Box & Cable glands	10% subject to minimum one no. for each type, size whichever is higher		1 No. of each type