

Annexure-14

Mandatory Spares

PROJECT: 1X370 MW YELAHANKA COMBINED CYCLE
POWER PLANT

Project:1X370 MW YELAHANKA COMBINED CYCLE POWER PLANT
MANDATORY SPARES FOR GAS CONDITIONING SKID

	Items	QUANTITY REQUIRED	Remarks
1	Valves		
	Bonnet/Cover Gaskets	1 each for every set of 4 vavles subject to a minimum of 10 for each size & type of valve.	
a	Gland Packing	1 set per valve for each size & type.	
b	Valve Stem for sizes 65 mm NPS and larger	1 per set of 10 valves subject to a maximum of 5 for each size & type of valve.	
c	Disc or Disc Seat, as applicable for Gate, Globe and Safety Valves & Disc with Hinge pin for check valves.	1 per set of 20 valves for each size & type of valve.	
2	Instrumentation		
a	Pressure Gauges	10% (Subject to min. of 1) of each type & range.	
	Temperature Gauges	10% (Subject to min. of 1) of each type & range.	
b	Differential Pressure gauge	10% (Subject to min. of 1) of each type & range.	
c	Differential Pressure Transmitter	10% (Subject to min. of 1) of each type & range.	
d	Pressure Transmitters	10% (Subject to min. of 1) of each type & range.	
e	Level Gauge	10% (Subject to min. of 1) of each type & range.	
f	Level Transmitter	10% (Subject to min. of 1) of each type & range.	
g	Air Filter Regulator	10% (Subject to min. of 1) of each type & range.	
h	Level Control Valve (LCV)		
	i. Plug & stem assembly- 1 no. of each type ii. Seat Ring- 1 no. of each type iii. Packing & gasket- 1 no. of each type iv. Actuator diaphragm- 1 no. of each type v. Feed back linkage- 1 no. of each type vi. O rings- 2 nos of each size of positioner	1 set	
i	Solenoid Operated Valves (SOV)		
	i. Coils- 2 no. of each type & size ii. Gasket-2 no. of each type & size iii. Diaphragm- 2 no. of each type & size iv. Plunger- 1 no. of each type & size v. Seat- 1 no. of each type & size vi. O rings- 5 nos of each type & size	1 set	

NOTE: This is overall mandatory spares list for subject project. Bidder to quote for each variant separately , considering the applicable items as per this list.