

**SCHEDULE OF MANDATORY SPARES FOR TURBINE ETC.**

<b>Sl.No</b>	<b>Items</b>	<b>Quantity</b>
<b>A.</b>	<b>TURBINE</b>	
1	Wearing rings (stationary) if any	1 set
2	Wearing rings (moving) of any	1 set
3	Shaft seal packings	2 sets
4	Guide vane stem packings	1 set
5	Shear pins/friction clutch components	½ set
6	Guide vanes	4 Nos
7	Shaft sleeves	1 set
8	Piston rings for servomotor cylinder	2 sets
9	Packings and sealings, all types and sizes	2 sets
10	Guide vane bearing bushes	1 set
11	Bushes/bearings for regulating mechanism	1 set
<b>B</b>	<b>GREASE LUBRICATING SYSTEM (if required)</b>	
1	Grease feeders	1 set
2	Timer equipment	2 sets
<b>C</b>	<b>GOVERNING EQUIPMENT</b>	
(a)	Electronic governor	
1	PCBs	1 set
2	Electronic Cards	2 sets each
(b)	Oil Pressure Vessel Sump Tank and Pumps	
1	Oil pump for pressure oil supply'	One
2	Seals/packings (all types)	1 set
3	Twin filter for oil	One
4	Solenoids/coils	1 set
5	Level relays	1 set
6	Pressure switches	1 set
7	Pump unloader	1 set
8	Safety releif valve	1 set
<b>D</b>	<b>INSTRUMENTS AND SAFETY DEVICES</b>	
1	Resistance type temperature detectors	2 Nos
2	Level switches	1 set
3	Dial type thermometers	1 set
4	Coils/contacts/springs for auxiliary relays solenoids and switches, etc	1 set'
<b>E</b>	<b>MAIN INLET VALVE</b>	
1	Main seal rings	1 No
2	Servomotor piston rings	1 set
3	Piston rings for hydraulic drive of by pass valve	1 set
4	Pressure gauge	1 No. each type
5	O-rings, cup sealings	1 complete set
<b>F</b>	<b>HP COMPRESSED AIR SYSTEM EQUIPMENT</b>	
1	Piston	1 No.
2	Piston rings	1 set
3	Cylindrical valves	1 set
4	Bearings	2 Nos.

5	Gudgeon pin	1 No.
6	Springs	1 set
7	Packing, sealing & gaskets, etc	1 set