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THE FOLLOWING USED STEAM TURBINE IS AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:

1 No. 25000 kW HANGZHOU TURBINE COMPANY (HTC) (2008) make, Condensing type Steam Turbine (with Extractions for Heaters), having the following technical specifications:

TECHNICAL DETAILS:

TURBINE:

Make	:	Hangzhou Steam Turbine Co. Ltd., China
Year of make	:	2008
Capacity	:	25000 kW
Speed	:	7065 RPM
Inlet Steam Pressure	:	84.34 bar
Inlet Steam Temperature	:	515°C.
1 st Extraction Steam Pressure	:	21.5 bar
1 st Extraction Steam Temperature	:	335.3°C.
1 st Extraction Steam	:	9670-10600 kg/hr
2 nd Extraction Steam Pressure	:	6.5 bar
2 nd Extraction Steam Temperature	:	202.1°C.
2 nd Extraction Steam	:	5620-8600 kg/hr
3 rd Extraction Steam Pressure	:	2.72 bar
3 rd Extraction Steam Temperature	:	131°C.
3 rd Extraction Steam	:	9560 kg/hr
Exhaust Steam Pressure	:	0.176 bar
Exhaust Steam Temperature	:	57.35°C.
No. of Stages	:	28 Nos.
No. of Impulse	:	1 No.
No. of Reaction Stages	:	27 Nos.
Rotor Type	:	Solid
Turbine Casing Split	:	Horizontal Axial

HP HEATER:

Make	:	Nanjing Turbine & Electric Machinery group Taixing Ningxing Machinery Co. Ltd.
Heat Transfer Area	:	140 Sq. Mtr

Max. Working Pressure Tube Side	:	17 MPa
Max. Working Temperature Tube Side:		230°C.
Max. Working Pressure Shell Side	:	2.5 MPa
Max. Working Temperature Shell Side:		355°C.
Medium Tube	:	Water
Shell Side	:	Steam

LP HEATER:

Make	:	Nanjing Turbine & Electric Machinery group Taixing Ningxing Machinery Co. Ltd.
Heat Transfer Area	:	80 Sq.Mtr
Max. Working Pressure Tube Side	:	1.65 MPa
Max. Working Temperature Tube Side:		150°C.
Max. Working Pressure Shell Side	:	0.285 MPa
Max. Working Temperature Shell Side:		150°C.
Medium Tube	:	Water
Shell Side	:	Steam

CONDENSATE EXTRACTION PUMP:

Make	:	KSB
Pump Type	:	CPK ECM 100 – 315 S
Flow	:	110M ³ /H
Head	:	145 M
Speed	:	2875 RPM

STEAM JET AIR EJECTOR:

Make	:	Mazda Ltd.
Steam Operating Pressure	:	14 kg/cm ²
Steam Operating Temperature	:	300°C.
Inter Surface condenser heating surface area	:	44 Sq.Mtr.
After Surface condenser heating surface area	:	11 Sq.Mtr.
Water Required	:	49 M ³ /hrs at 55°C.

SCOPE OF SUPPLY:

1. Steam Turbine with it's fitments.
2. HP Heater.
3. LP Heater.
4. Ejector Assembly.
5. CE Pumps.
6. Expansion Piece.

Exclusions: Gearbox, Alternator, Condensing System, Controls & Panels.

PHOTOGRAPHS:





