NITIN CORPORATION
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THE FOLLOWING USED BACK PRESSURE TYPE STEAM TURBINE GENERATOR SET IS AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:

1 No. - 1500 kW Belliss (2001) make Back Pressure type Steam Turbine Generator Set, having the following technical specifications:

TECHNICAL DETAILS:

TURBINE:

Make	:	BELLISS (INDIA)
Type	:	SBP 350
Capacity	:	1500 kW
Year of make	:	2001
Inlet Steam Pressure	:	43 Kg/Cm2
Inlet Steam Temperature	:	430°C.
Exhaust Pressure - Normal	:	4.5 kg/cm2
Max	:	6 kg/cm2
Turbine Speed	:	10250 RPM

GEAR BOX:

Make	:	TRIVENI (India)
Capacity	:	1500 kW
Year of make	:	1997
Input Speed	:	10250 RPM
Output Speed	:	1500 RPM
Ratio	:	6.8333:1
Service Factor	:	1.5

ALTERNATOR:

Make	:	JYOTI LTD. (India)
Year of make	:	2001
Capacity	:	1500 kW
Frame	:	THGB-98-4-D5
Type	:	Double Bearing
kVA	:	1875
Speed	:	1500 RPM
Voltage	:	420V

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Current	:	2577A
Connection	:	Star
No. of Phases	:	3
Insulation Class	:	F
Frequency	:	50 Hz.
Enclosure	:	CACW
Ambient Temp.	:	45°C.
Excitation:		
V	:	35V
A	:	4.4A

SCOPE OF SUPPLY:

1. Turbine with Gearbox mounted with all fitments on common base frame and turbine guard cover.
2. Alternator mounted on it's baseframe.
3. High Speed & Low Speed Couplings.
4. Inlet Valve & safety Valve.
5. Woodward make Governing system.
6. Oil Cooling System comprising of 2 Nos. oil coolers, 2 Nos. Main Oil Filters, AOP with Motor, MOP, Hand Pump and interconnecting pipelines with valves.
7. 1 No. Turbine Panel.
8. 1 No. Turbine Gauge Board with Temperature meters.
9. 1 No. 1500 kW Alternator Control Panel.
10. 1 No. Alternator Breaker Panel.
11. 2 Nos. AVR Panels.
12. 1 No. Excitation Panel.
13. Alternator Radiators with distance piece.

Exclusion: Inlet & Exhaust Pipeline & Valves.

NOTE:

The above STG set is in excellent condition and can be presently inspected in our warehouse near Mumbai. Open inspection of the TG Set can also be arranged by opening the turbine and gearbox top casing.

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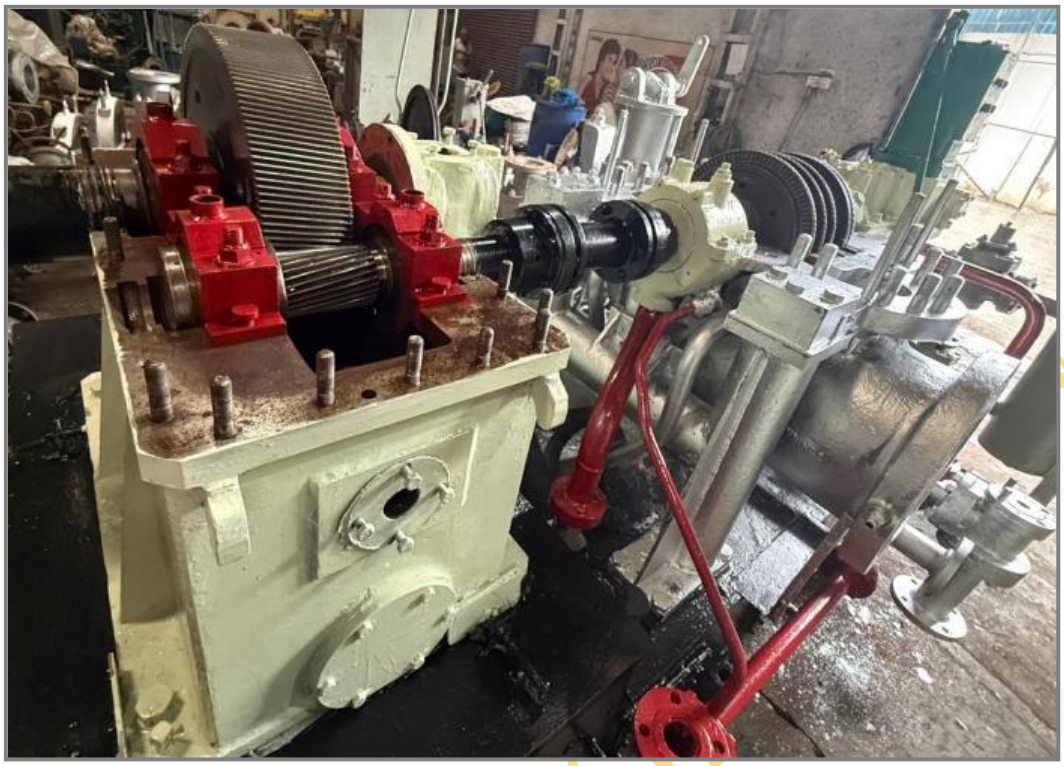
PHOTOS: