

NITIN CORPORATION

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

1 No. – 3000 kW APE BELLISS (1995) make Back Pressure type Steam Turbine Generator set, having the Following Technical Specifications:

TECHNICAL SPECIFICATIONS:

TURBINE DETAILS:

Make : APE BELLISS
Type : MST
Capacity : 3000 kW
Year of make : 1995
Inlet Steam Pressure : 32 Kg/Cm2
Inlet Steam Temperature : 390°C.
Exhaust Pressure : 1.5 Kg/Cm2
Speed : 6000 RPM

GEAR BOX DETAILS:

Make : TRIVENI
Type : 0400X00023-HSGH
Capacity : 3000 kW
Year of make : 1995
Input Speed : 6000 RPM
Output Speed : 1500 RPM
Ratio : 4:1
Service Factor : 1.5
Oil Quantity : 180 LPM
Oil Quality : Servo Prime 46/67

ALTERNATOR DETAILS:

Make : JYOTI Ltd.
Year of make : 2003

| | | |
|------------------|---|---------------|
| Capacity | : | 3000 kW |
| Frame | : | THGB-125.4.D5 |
| kVA | : | 3750 |
| Speed | : | 1500 RPM |
| Voltage | : | 420V |
| Current | : | 5155A |
| Connection | : | Star |
| No. of Phases | : | 3 |
| Insulation Class | : | F |
| Frequency | : | 50 Hz. |
| Enclosure | : | CACW |
| Ambient Temp. | : | 15oC. |
| Excitation: | | |
| V | : | 40V |
| A | : | 4.2A |

SCOPE OF SUPPLY:

1. Steam turbine & gear box mounted on common base frame (oil tank).
2. 1 No. Alternator.
3. 1 No. Inlet & emergency stop valve assembly.
4. 1 No. U-bend
5. Governing system
6. 2 Nos. oil coolers
7. 2 Nos. Oil filters.
8. 1 No. AOP
9. 1 No. Turbo Oil Pump.
10. 1 No. Hand Priming Pump.
11. 1 No. Turbine Panel.
12. 1 No. AVR Panel.
13. Side mounted alternator radiators.
14. 1 No. Bellow.
15. 1 No. Excitation Control Panel.

Exclusions: Breaker Panel & Bus Bars.

NOTE:

The above STG set is in excellent condition and can be presently inspected in our warehouse at Delhi.

GENERAL TERMS OF BUSINESS:

Taxes: GST as applicable will be charged extra
Terms: One-third with the order, balance + GST before delivery
Delivery: Immediate, ex-warehouse, Delhi.
Offer : Strictly subject to prior sale and/or our final confirmation