

Steam Turbine Generator (1500 kW)
Unit designation STG-1

Unit Description:

Extraction steam turbine generator set rated at 1500 kW. Unit is skid mounted. Unit description as follows:

Steam Turbine

Manufacturer	TUTHILL Corporation (Murray Turbomachinery Division)
Frame	RJG2
Serial Number	1-05322B
Rated HP	1500
Rated RPM	5000
Max. Continuous RPM	5250
Inlet Temperature (Deg. F)	560
Inlet/Normal (pressure - psig)	350 / 350
Exhaust / Normal (pressure - psig)	125 / 140

Generator Data (Brushless)

Manufacturer	IDEAL ELECTRIC
Frame	21120 - 16
Serial Number	931070-02
Type	SAB
kW / kVA / Volts	1500/1875/2400
RPM	1800
Amps/Ph/Wire/Hz	451 / 3 / 3 / 60
Duty	Continuous
Power Factor	0.8
Temp Rise / Ambient (Deg C)	80 / 40

Exciter (brushless)

Manufacturer	IDEAL ELECTRIC
Frame	BE13-4
Type /kW output	FRBA / 21
Volts / Amps (DC)	125 / 468
Fld Volts / Fld Amps	63 / 2.0
Rectifiers	6xB52883F and 6xB52883R
Exciter Surge Protection	2KVS26-6A6-BBS
Date of Manufacture	Mar-94
Operating Weight	N/A
Serial Number	N/A

Alternator

Manufacturer	IDEAL ELECTRIC
Serial Number	931070-02
Frame	PM - 13 - 3
KVA / kW / PF / Phase	1.2 / 1.0 / 0.9 / 1
Volts / Amps	120 / 10

Auiliaries

Space Heater	120V / 1500W / Single phase / 60 Hz
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Operating Manual

Manual Available	Yes
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STG - 1: BID (USD): \$ _____

Bidder:

Company _____
Address _____
Phone _____
E-mail _____