97.5 MW 2014 New Mitsui-Alstom CD30.46 Steam Turbine Generator Set

Harnessing Energy for Life

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Description & Additional Notes

EXCLUSIVELY FROM USP&E!

USP&E is selling: 97.5 MW 2014 New Mitsui-Alstom CD30.46 Steam Turbine Generator Set 60 Hz; 13,800V;

Units available: 1x

**Note that price is per unit

If you are like us, you read every day about how thousands of fast growth companies struggle to find energy generation that is affordable, reliable and available for immediate shipping and installation on a turnkey basis from a company that really understands the complexities of integration of balance of plant and other site infrastructure.

At USP&E, we have been in business now for over 20 years and have offices in 9 countries. But more importantly, WE ARE OBSESSED WITH EACH CLIENTS JOURNEY TO ENERGY SUSTAINABILITY & RELIABILITY AND ARE DRIVEN TO GUIDE EACH CLIENT TO SUCCESSFUL INTEGRATION OF THE BEST IN CLASS TECHNOLOGIES.

This is important and a huge differentiating factor for our clients because USP&E isn't the hero of our story, you are. We will do everything possible to make sure you are successful, and we have over 20 years of satisfied clients and meaningful, long-term client engagements that prove this out. The potential delays related to permitting, land access, shipping, etc must be dealt with head-on and with urgency. We have helped hundreds of companies like yours for over 20 years.

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Description & Additional Notes

The process is really simple:

1. Quick, 30 min Engineering/Design Meeting so we Can understand Your project goals, timelines and budgets. ✅

2. Scope of work and supply to match our plants to what you need. ✅

3. Work together to finalise commercial and technical aspects into a contract and move forward with the project. ✅

Please remember, USP&E is not just an equipment broker. We are a GUIDE to energy project excellence. We offer full Engineering, Procurement, Construction and long-term O&M in over 190 countries around the world in order to make sure our client projects are a RESOUNDING success.
Some of the companies we are currently working with include the City of Neom, Barrick Gold, SPACE-X, Firefinch Gold, Kurdistan MOE, Ivanhoe Mining, Boogertman Partners, and Molo Graphite.
At USP&E, we understand how most companies struggle to find energy generation that is affordable, reliable and available for immediate shipping and installation on a turnkey basis. Your partner must be a company that really understands the complexities of integration of balance of plant and other site infrastructure, and not just be a broker. Ideally, your partner offers complete O&M and warranty support services. This is what we have been doing for over 20 years.

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Description & Additional Notes

97.5 MW 60Hz Rare Surplus Mitsui-Alstom Steam Turbine for sale

■ Main Specifications

▣ Steam Turbine

Maker	Mitsui-Alstom
Model No.	CD30. 46
Year of Production	2014
Rated Power	97,500 kW
Rated & Max Continuous Speed	3600 rpm
Normal Inlet Pressure	70 BarG
Normal inlet Temperature	490 °C
Normal Exhaust pressure	0.11 BarG
Running Hours	Stopped after its site commissioning test because it was a surplus one of the 8 steam turbines in the power plant.

▣ Generator

Maker	Toshiba-Mitsubishi
Type Form	Totally Enclosed Water to Air Cooled(IC81W), Cylindrical type rotor, Brushless type with PMG
Year of Production	2014
Output	114,706kVA(97,500kW)
Power Factor	85% Lagging
Speed	3,600 rpm
Over Speed Strength	120% - 2 min
Rating	Continuous
Frequency	60Hz
Voltage	13,800V
Current	4,799A
Phase	3 phase 3 wire
Pole	2
Enclosure	IP54, Generator Frame and Terminal boxes
Insulation Class	Class F (Temp. rise: Class B)
Weight:	

■ Scope of Supply for Others

Auxiliary Equipment	1 set
Technical Documents & Manuals	1 set

Specifications

Manufacturer	Alstom
Model	Mitsui CD30.46
Year	2014
Condition	New
Location	South America
Price	$13,765,500.00
Category	Natural Gas Generators
Subcategories	• 10 - 99 MW
Stock Number	USP010089
Wattage	97.5 MW
Hours	Zero
Frequency	60 Hz
Fuel type	Steam
Voltage	13,800
Balance of Plant Available? (BOP)	-

Asset Images

- **Images may be representative, and actuals can be supplied upon request.**

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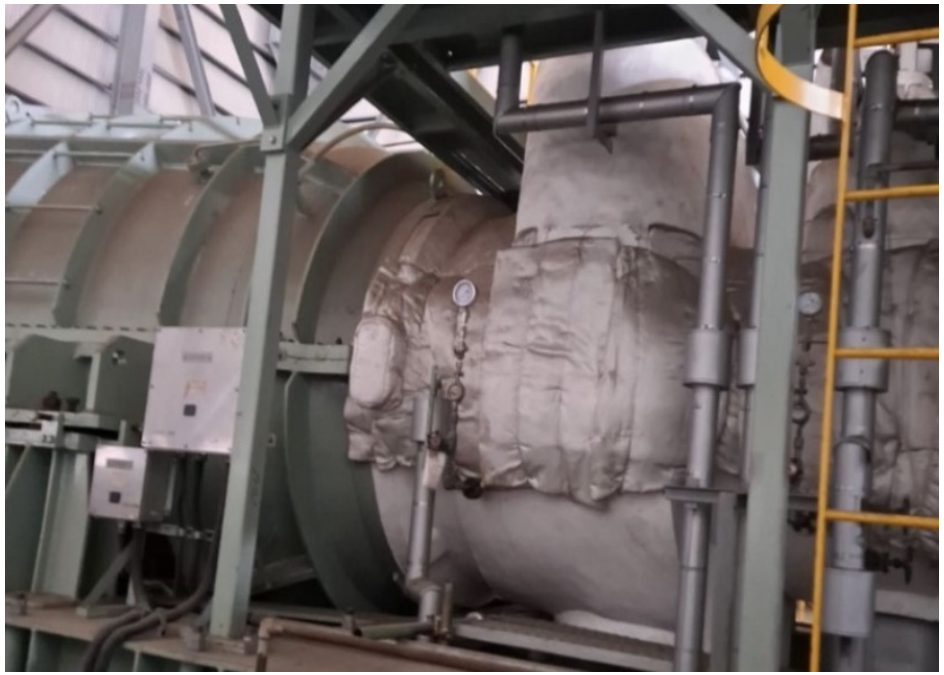

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