COMPLETE INDUSTRIAL STEAM GENERATION PLANT

ICI CALDAIE SIXEN 500 - 2018 | Cluj, Romania

Type	Industrial natural-gas steam generation plant
Brand	ICI Caldaie / Riello / Sagrada system integration
Main generator	ICI SIXEN 500
Year	2018
Location	Cluj, Romania - European Union
Asking price	EUR 40,000
Sale basis	EXW Cluj, Romania. Dismantling, disconnection, loading and transport by buyer unless otherwise agreed.

Complete industrial steam-generation installation originally supplied for an EPS production plant. The system includes the ICI SIXEN 500 steam generator and the principal water-treatment, blowdown, TDS, deaeration, burner and distribution auxiliaries listed below.

1. ICI SIXEN 500 Steam Generator

Parameter	Specification
Steam production	500 kg/h with feedwater at 80 deg C
Maximum useful output	341 kW
Design pressure	12 bar
Operating pressure	Approx. 8-11.5 bar
Fuel	Natural gas
Burner arrangement	Monobloc forced-draught gas burner
Compliance in original supplier documentation	CE; PED 2014/68/EU

2. Main Steam-Plant Auxiliaries

Parameter	Specification
Burner	Riello RS 44 MZ TL two-stage natural-gas burner
Sample cooling	Sample-cooling device for boiler-water sampling
Automatic blowdown	Automatic boiler-bottom blowdown system
TDS / salinity control	Electrical TDS/salinity control group
Atmospheric deaerator	500 L/h degassed-water production; supplier sheet states approx. 65 kg/h steam consumption
Water treatment	Duplex water-softening station
Unattended operation	Automation equipment for unattended operation; supplier sheet states 72 h system configurable to 24 h
Steam distribution	D168 steam distributor with 5 flanged outlets
Chemical water treatment / dosing	Chemical water-treatment and dosing equipment

Parameter	Specification
Feed-water pumps	Feed-water pumps serving the steam-generation system
Instrumentation & accessories	Associated valves, instrumentation and steam-plant accessories

3. Additional Steam-System Equipment

Additional steam-system equipment available with the installation, subject to final agreed scope:

- 3,000 L PED steam receiver / pressure vessel, 12 bar.
- SP24 thermal-plant automation project, including local automation equipment and controls for the S1-SP24 operating regime.
- Engineering and hydraulic connections between the thermal-plant equipment and the steam distribution system.
- Related control cabinet, pressure transmitter and interface / alarm functions as described in the original project documentation.

The exact scope of the additional equipment will be confirmed in the final commercial agreement.

Commercial Notes

- The plant is currently installed and can be inspected before dismantling.
- Original supplier documentation and project documentation are available.
- The final equipment scope and included auxiliaries will be clearly listed in the sales agreement.
- Dismantling, disconnection, loading, transport, insurance and reinstallation are not included unless otherwise agreed in writing.
- The steam plant is offered independently and can also be combined with the separately offered Fangyuan EPS equipment.