

Electrolyser RFQ



Equipment: Electrolyser and associated equipment

Date: 22 March 2018 Project No: 16006

9 April 2018 Rev 2

Author: AS File Ref: 851

(New build) Electrolyser:

Net hydrogen production:	>5Nm ³ /hour
Performance at full output:	
Delivery pressure:	~30 barg nominal
Hydrogen purity:	99.995%
Power supply:	3 phase & neutral 400V
Electrolyser System efficiency:	>80%

Control functionality:

- PLC – Siemens S7 (preferable)
- HMI – with remote access (Ethernet)
- VFC for ESD from external signal
- ESD signal VFC for external signal
- Remote On/Off input
- 0-100% controlled either by mod-bus or 4-20mA input

Ambient Conditions:

Ambient Temperature Range	5°C to 35°C
Relative humidity	< 95 %
Altitude	< 500 m

The electrolyser should be suitable, and certified, for use in Europe.

Head Office
10 York Place, Edinburgh, EH1 3EP

Glasgow Office
272 Bath Street, Glasgow, G2 4JR



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Website: www.logan-energy.com
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Company No: 05487219

In your quotation return please include:

Please provide a cost breakdown with the following items

- Electrolyser system
- Consumables costs (and schedule)
- List and cost for critical spares
- Cost for 2 year warranty
- Shipping to Wallyford, East Lothian, Scotland

Please provide the following information:

- Datasheets (to include information on masses and dimensions)
- information on design standards followed and certification.
- Maintenance schedule with time per activity
- Lead time.

Quotations will be assessed on the extent to which they match the scope, plus cost and lead times.

Please return tenders by 12 noon on 10th May 2018 (UK time) to Anne Stevenson (anne@loganenergy.com)

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