

Questionnaire

Sulfuric Acid Concentration / Purification Plant



Date / /

Project Data

Project name
Plant location
Customer name
Contact person
Address
.....
.....
.....
E-mail
Telephone
Place of installation
 New plant
 Replacement of.....
 Expansion

Capacity tons / day (H₂SO₄ 100%)
..... working hours/year

Feed % H₂SO₄, °C
Impurities:
..... ppm Cl₂
..... ppm, others (please specify)

- Process**¹
- Nitration
 - Sulfonation
 - Chlorine drying
 - Fibres spinning
 - MEK / SBA manufacturing
 - PU manufacturing
 - H₂O₂-production
 - Others

¹ Composition / impurities to be attached

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Product 96 % H₂SO₄, °C
..... % H₂SO₄, °C

Utilities Electric power: V Hz
Steam: bar_{abs} °C
Cooling water: in / out / °C
Quality:
Chilled water: in / out / °C
Quality:
Instrument air: bar_{abs} dry and oil free
Fuel for burner:

Scope of Supply Basic engineering and key equipment
 Detailed engineering, equipment, piping, instrumentation
 Complete plant supply
 Standby Pumps
Redundant pumps installed as stand-by for quick trouble-shooting when a pump should fail

Control System Independent PLC control system
 Part of an existing DCS (control logics only)

Codes and Standards EU Standards
 Local standards

Desired Tests Laboratory simulation
 Pilot testing

Information required at this Stage

Basic flow diagram
 Technical data
 Process description
 Scope of quotation²
Budget price ex works FOB

² Usually: equipment, piping, instrumentation, engineering

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Actual Method of Treatment of H₂SO₄

- Selling to others Price: per ton H₂SO₄ 100%
- Passing to others Cost: per ton H₂SO₄ 100%
- Neutralisation
- Others

Price of fresh H₂SO₄ per ton

Annual Consumption tons per year

Price per kg of steam

Price per kWh electric power

Remarks

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Please return this questionnaire to

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