



خلاصه طرح مکانسنجی: ( نرخ تبدیل دلار دولتی: ۳۰,۱۰۸ ریال )

General Specification
Name of The Project: production of sulfuric acid
Project Capacity: ۲۰۰۰۰ Ton
Personnel Number: ۵۲ members
Working Days: 300 Days
Product Usage: Fertilizer, Mining and Metal Industries, water refinery,...
Marketing
Product Global Price: 290-340 \$
Domestic Demand:
Domestic Production: 8000 Ton
Import: 5517 Kg
Export: 9606474 Kg
Technical Study
Land Area: 5000 m <sup>2</sup>
Building Area: 1,280 m <sup>2</sup>
Main Raw Materials: Sulfur, water
Supplying Place of Raw Materials: internal
Power Requirement: 876,150.00 Kw/h
Water Requirement: 41300 m <sup>3</sup>
Fuel Requirement: gas: 126,000 m <sup>3</sup> Benzine: 15,000 Lit
Economical & Financial Study
Fixed Investment Cost (Rail's & other Currencies) 912216.0223 \$
Working Capital: 183937.8238 \$
Total Investment Cost: 1105520.128 \$



اسید سولفوریک

Annual Sale: 2092467.118 \$
Net Present Value(NPV): 1508868.075 \$
Break Even Point(BEP): 27.69%
Internal Rate of Return(IRR): 57%
Investment Return Period: 25 month
Internal Rate of Return(IRR) Including 100% of capacity: 91%
Investment Return Period Including 100% of capacity: 1.10years