

## خلاصه امکانسنجی: ( نرخ تبدیل دلار دولتی: ۳۰,۱۰۸ ریال )

<b>General Specification</b>
Name of The Project: Production of bitumen (bitumen)
Project Capacity: 15,000 ton
Personnel Number: 12 person
Working Days: 270 days
Product Usage: Asphalt street
<b>Marketing</b>
Product Global Price: In European countries the price per ton of pure bitumen is between 350 to 400 dollars.
Domestic Demand: The exact number is not known.
Domestic Production: 5,126,600ton
Import: -
Export: -
<b>Technical Study</b>
Land Area: 5,000 m <sup>2</sup>
Building Area: 1,550 m <sup>2</sup>
Main Raw Materials: Bitumen Emulsifier solution Acid Weather
Supplying Place of Raw Materials: internal
Power Requirement: 162,000 kw/h
Water Requirement: 540 m <sup>3</sup>
Fuel Requirement: gas: 5,400,000 liter
<b>Economical &amp; Financial Study</b>
Fixed Investment Cost (Rail's & other Currencies) 879,235 \$
Working Capital: 240,833 \$

Total Investment Cost: 1,544,872 \$
Annual Sale: 4,885,413 \$
Net Present Value(NPV): 5,588,033 \$
Break Even Point(BEP): %13.12
Internal Rate of Return(IRR): %113
Investment Return Period: 13moths
Internal Rate of Return(IRR) Including 100% of capacity: 208%
Investment Return Period Including 100% of capacity: 0.48years