

# 1- Abstract

## PROJECT PROFILE – SUMMARY SHEET

<i>Project Introduction</i>
<b>1. Project title:</b> Production of ceramic fibers, blocks and blankets
<b>2. Sector :</b> Industry <b>Subsector:</b> Non-metallic minerals other oil and coal
<b>3. Products/Services:</b> Ceramic fibers, blocks and blankets
<b>4. Location:</b> (Mayamey Industrial Estate) Free zone <input type="checkbox"/> Economic special zone <input type="checkbox"/> Industrial Estate <input checked="" type="checkbox"/> Main Land <input type="checkbox"/>
<b>5. Project Detail:</b> Ceramic fibers are produced by blowing and centrifuging the melting of aluminum-silica oxide etc. The molten flow is converted into small droplets by compressing air, and then they are converted into fibers of different lengths (up to 250 mm) by using centrifugal force. The fibers are white and amorphous (non-crystalline), they have excellent non-refractory and insulating strength and can be converted into various forms for various industrial uses.
<b>6.</b> a) <b>Capacity:</b> Nominal capacity of ceramic fibers: 12,000 ton in year Nominal capacity of ceramic blocks: 14,000 ton in year Nominal capacity of ceramic blankets: 14,000 ton in year b) <b>Annual production:</b> Actual capacity of ceramic fibers: 9,600 ton in year Actual capacity of ceramic blocks: 11,200 ton in year Actual capacity of ceramic blankets: 11,200 ton in year

<i>Project Status</i>
<b>7. Local / internal raw material access</b> 100%
<b>8. Sale:</b> - Anticipated export market 20%
<b>9. Construction Period</b> 3years
<b>10. Project Status :</b> - Feasibility study available? available - Required land provided? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> - Legal permissions (establishment license, foreign currency quota, environment, etc.) taken? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> - Partnership agreement concluded with local/foreign investor? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> - Financing agreement concluded? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>



- Agreement with local / foreign contractor(s) concluded?
- Infrastructural utilities (electricity, water supply, telecommunication, fuel, road, etc.) procured? Yes  No
- List of know-how, machinery, equipment, as well as seller / builder companies defined? Yes  No
- Purchase agreement for machinery, equipment and know-how concluded?

## Financial Structure

### 11. Financial Table:

Descriptions	Local Currency Required			Foreign Currency Required Million Euro	Total Million Euro
	Million Rial	Rate	Equivalent in Million Euro		
Fix Capital	2,448,468	105,743	23.15	60.00	83.15
Current Capital	394,088	105,743	3.73	0.00	3.73
Total Investment	2,842,557	-	26.88	60.00	86.88

- Value of foreign equipment/machinery **60 million euro**
- Value of local equipment/machinery **0 million euro**
- Value of foreign technical know-how **0 million euro**
- Value of local technical knows-how **0 million euro**
- Net Present Value (NPV): **23 million euro at 25% discount rate for 10 years.**
- Internal Rate of Return (IRR) **32.6%**
- Payback Period (PP) **5.85 Year**
- Number of people who (will) work in the project: **212**

## General Information

12. Project Type : Establishment  Expansion and completion

### 13- Company Profile Semnan Province Industry, Mine and Trade Organization

- Name (Legal/Natural persons): Mr. Reza Ashraf
- Address: Semnan - Moallem Square, Semnan Province Industry, Mine and Trade Organization, Postcode: 34875-35198
- Tel: 02333441101 - 02333441115 Fax: 023 33441468
- E-mail: Sem\_smt@mimt.gov.ir -investinsemnan@yahoo.com Web Site : Sem.mimt.gov.ir
- Company's legal structure: Government  Non-Governmental  Governmental  Public non-Governmental
- Consultant Address: 6th Floor, Sadr Building, Sadr Bridge, Shariati Ave, Tehran, Iran
- Tel : 02122694670-2 www.dorsa.ir
- Fax: 02122242075 info@dorsa.ir

