



**ARVAND GOLDEN AMBASSADOR**  
Arvand Free Zone Organization

2016-2017



**ARVAND  
FREE ZONE**  
ORGANIZATION

### The introduction of Arvand Free Zone

Arvand Free Zone covers an expanse of land some 37400 Hectare in area at the confluence of the Arvand and Karun rivers to the northwest of the Persian Gulf; it includes parts of the southwestern Iranian cities of Abadan and Khorramshahr and borders Iraq and Kuwait.

The enormous road, rail, sea and air transport potential of the region, together with its easy access to high seas lends it more importance as far as trade is concerned.

The region's close proximity to Iraq's second - largest province – Basra – has turned it into a gateway to trade with Iraq and the Mediterranean as well as to major pilgrimage routes.

The region and its major cities: Abadan and Khorramshahr have long been known as major trade, industry, agriculture and tourism centers.

### In The Name of God

In today's world, sustainable economic development is the main concern of all countries and nations, and all macro-scale planning approaches are determined in line with it. Meanwhile, due to its strategic position and natural resources, Iran not only enjoys unrivaled security in the region but also possesses some suitable and extensive arenas for the economic, trade and commercial exchanges and transactions.

In this regard, industrial - commercial and special economic free zones have pioneered as vanguards in the development of trade relations with other countries particularly the regional countries. Fortunately, today, Iranian free zones are moving well in the right direction of development and progress, and there has emerged some hope to consider these zones as models and pilots of executing macro policies of the country.

By enforcing the Article 11 of the Resistant Economic Policies notified by the Supreme Leader, free zones should play their key roles in facilitating and expanding the production, promoting export, transferring state of art technologies, and meeting their own needs as well as financial needs of the country from abroad. Furthermore, the transit and export of goods and services via these zones, promotion of industries and warehousing, supporting the trend of national and foreign investments, marketing and establishment of financial institutions and foreign banks as well as commodity and energy exchanges, and promoting banking and tourism should turn these zones into a quick strategy for providing access to foreign trades and paving the ground for international ties.

Arvand Free Zone is one of the zones with potential markets for Iranian and Iraqi businessmen. Markets close to this zone have unique potential for participation of exporters, producers and investors.

Today, Islamic Republic of Iran, despite all the past hardships and dastardly sanctions, is traversing the development path, and is making attempts to accomplish goals envisaged for Iranian in the Comprehensive Development Plan up to 2025 and to attain the first rank of development in the region.

Undoubtedly, to reaching this position, integrated and right planning is required to lead the country towards such a goal. One of the main axes of realization of these goals is free zones which have been established to accelerate economic growth and move away from administrative bureaucracy. The function of free zones, which have been categorized based on their geographical features, natural and human-made capacities, extends up to a point where places them on the same path in order to prepare the economic boundaries of Iran for cooperation with international economy, especially with its neighbor states.

Currently, in light of actions completed in Arvand Free Zone so far including operationalization of Shalamcheh Terminal, establishment of the commodity exchange, manufacturing and streamlining small petrochemical industries on the one hand, and by establishing offshore industries and constructing massive oil platforms and also establishing steel and petrochemical centers on the other hand, we have witnessed the development and prosperity of the Zone. Consequently, our hope to further improve and flourish this invaluable Zone is not out of reach.



Akbar Torkan  
Adviser to President of the Islamic  
Republic of Iran &  
Secretary of the Supreme Council  
of Iran's Free Trade, Industrial and  
Special Economic Zones



### In The Name of God

The goals of arvand free zone make macro guiding and make a good investment by perspective in 1404 in produce and using part and set a effective planning and desing suitable structure.

We try to be passive in economic activity, and has effective and productivity to improve nice our goals in arvand free zone organization and try to make development economy civil and investment in special in Abadan And Khoramshahr city and keep travian economic.

On of the most important ideas of arvand free zone and specially economic in the rule is lto we manage trade industry zone in republic Islamic Iran civil and from Abadan, grow and development in economic, investment and increase of common income, make a productivity and employment, set the market, produce and export industrial and make common service.

Esmail Zamani  
Head Manager and manager of  
Arvand Free Zone Organization





**ARVAND GOLDEN AMBASSADOR**  
Arvand Free Zone Organization

## **CHEMICALLY**

Arvand Free Zone Organization



## Phosphoric Acid

### A. Project introduction:

**1. Project title:** Phosphoric Acid

**2. Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical

**3. Production-services:** Phosphoric Acid

**4. Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

Production of phosphate fertilizer

**6. Annual capacity:** 380000 tons per year

**7. Needed land area:** The area of the land is 0.5 hectare.

**8. Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 12 years.

**11. Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 100%.

Foreign markets: The expected percentage of sale in these markets is 0%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	km 8
7	Port	10km
8	Railway station	km 15

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	874377 Million Rials	878891 Million Rials

\* Total volume of the investment: 1753268 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
39	1.83	4 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
967092 million Rials	32%	25%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Di Ammonium Phosphate

### A. Project introduction:

**1. Project title:** Di Ammonium Phosphate

**2. Activity field:** sector: Downstream Industries of Petrochemical    subsector: Chemical

**3. Production-services:** Di Ammonium Phosphate

**4. Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

Fertilizer

**6. Annual capacity:** 500000 tons per year

**7. Needed land area:** The area of the land is 0.7 hectare.

**8. Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 12 years.

### 11. Target Markets:

Local markets: The expected percentage of sale in these markets is 100%.

Foreign markets: The expected percentage of sale in these markets is 0%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	831072 Million Rials	817170 Million Rials

\* Total volume of the investment: 1648242 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
54	1.96	3 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
1766566 million Rials	44.86%	33%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Sulphuric Acid

### A. Project introduction:

1. **Project title:** Sulphuric Acid

2. **Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical

3. **Production-services:** Sulphuric Acid

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

It is consumed as an intermediary product in the fertilizer park

6. **Annual capacity:** 1100000 tons per year

7. **Needed land area:** The area of the land is 0.7 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 12 years.

11. **Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 100%.

Foreign markets: The expected percentage of sale in these markets is 0%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	367429 Million Rials	146657 Million Rials

\* Total volume of the investment: 514086 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
65	1.76	5 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
42490 million Rials	43%	20%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.



## Citric Acid

### A. Project introduction:

**1. Project title:** Citric Acid

**2. Activity field:** sector: Downstream Industries of Petrochemical    **subsector:** Chemical

**3. Production-services:** Citric Acid

**4. Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

Citric acid is one of the organic acids existed in lemon and orange. One of the main production methods of it is biotechnology, using *Aspergillus Niger*. Citric acid is applied in soda, juice, dressing, health and medicine industries. In addition to flavoring property, it regulates PH. Citric acid is produced in two types of monohydrate (fluid) and anhydrous (dry) and in the form of crystal powder. It is packaged in multi layered paper bags. Takfa is one of the main suppliers of Citric acid. GMP certificate, for the Chinese producer 'Yixing Union Biochemical Co.', has been confirmed by Iran's Ministry of Health for importation of Citric acid. It is notable that all products of Yixing Union Co. are packages under the supervision of European experts, and they have the highest quality and world standards. They are supplied with the registered name of KASELCIT in Asian and European markets

**6. Annual capacity:** 1250 tons per year

**7. Needed land area:** The area of the land is 3 hectare.

**8. Land ownership condition:** It is possible to cede the land in zone A to investor.

#### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

#### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 20 years.

**11. Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 70%.

Foreign markets: The expected percentage of sale in these markets is 30%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	60400 Million Rials	9900 Million Rials

\* Total volume of the investment: 70300 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
33	1.84	3.1 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
967092 million Rials	32%	25%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

# Formic Acid

## A. Project introduction:

- 1. **Project title:** Formic Acid
- 2. **Activity field:** sector: Downstream Industries of Petrochemical    subsector: Chemical
- 3. **Production-services:** Formic Acid
- 4. **Location of executing the project:** Arvand Free Zone

## 5. Project specifications:

Formic acid or ant acid is the simplest member of Carboxylic acids' class. Its chemical formula is HCOOH. Formic acid can be well blended with water and most of the polarized organic solvents. Also, it can be slightly solved in hydrocarbons. Formic acid, in gaseous phase and in hydrocarbons, is like dimmers connected to each other by hydrogen bond. In gaseous phase, the hydrogen bond between Formic acid molecules can cause deviation from the law of Ideal Gases

- 6. **Annual capacity:** 2300 tons per year
- 7. **Needed land area:** The area of the land is 2 hectare.
- 8. **Land ownership condition:** It is possible to cede the land in zone A to investor.
- 9. **Legal licenses:**  
Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.
- 10. **Scheduling the construction and utilization period:**  
Construction period is 2 years and effective life time for the project execution is 20 years.
- 11. **Target Markets:** These markets include local markets.  
Local markets: The expected percentage of sale in these markets is 60%.  
Foreign markets: The expected percentage of sale in these markets is 40%.
- 12. **Access to infrastructures:**  
Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

## B. Abstract of financial and economical indices:

### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	62400 Million Rials	39000 Million Rials

\* Total volume of the investment: 101400 million Rials

### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
21	1.87	2.7 years

### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
4509 million Rials	41%	36%

### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.



ARVAND GOLDEN AMBASSADOR

CHEMICALLY

## Phosphoric Acid

### A. Project introduction:

1. **Project title:** Phosphoric Acid
2. **Activity field:** sector: Downstream Industries of Petrochemical    subsector: Chemical
3. **Production-services:** Phosphoric Acid
4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

It is one of the basic acids in chemical industries that is used in producing fertilizers and phosphate salts and also in the food industry.

6. **Annual capacity:** 3200 tons per year
7. **Needed land area:** The area of the land is 2 hectare.
8. **Land ownership condition:** It is possible to cede the land in zone A to investor.
9. **Legal licenses:**  
Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.
10. **Scheduling the construction and utilization period:**  
Construction period is 2 years and effective life time for the project execution is 20 years.
11. **Target Markets:** These markets include local markets.  
Local markets: The expected percentage of sale in these markets is 60%.  
Foreign markets: The expected percentage of sale in these markets is 40%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	53300 Million Rials	57200 Million Rials

\* Total volume of the investment: 110500 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
13	1.79	3.7 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
5612 million Rials	30%	27%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

# Lactic Acid

## A. Project introduction:

1. **Project title:** Lactic Acid

2. **Activity field:** sector: Downstream Industries of Petrochemical subsector: Chemical

3. **Production-services:** Lactic Acid

4. **Location of executing the project:** Arvand Free Zone

## 5. Project specifications:

Lactic acid is a Chiral Alpha hydroxy acid that is one of the metabolism products of sugars in human cells with the chemical formula 'C3H6O3'. Within the body PH, Lactic acid is existed in its ionic form 'Lactate (-3O5H3C)'. High increase of this compound in muscle cells can cause cramps and muscle pains.

6. **Annual capacity:** 2500 tons per year

7. **Needed land area:** The area of the land is 2 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

## 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

## 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 20 years.

## 11. Target Markets:

Local markets: The expected percentage of sale in these markets is 50%.

Foreign markets: The expected percentage of sale in these markets is 50%.

## 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

## B. Abstract of financial and economical indices:

### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	50400 Million Rials	15200 Million Rials

\* Total volume of the investment: 65600 million Rials and 1 million dollars

### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
33	1.72	3 years

### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
5415 million Rials	30%	33%

### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Polymeric Acid

### A. Project introduction:

1. **Project title:** Polymeric Acid

2. **Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical

3. **Production-services:** Polymeric Acid

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

Production of polymeric alloys with different capacities per year.

6. **Annual capacity:** 6500 tons PC/ABS, 1500 tons ABS/PVC, 12000 tons PP/EPDM

7. **Needed land area:** The area of the land is 0.9 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 10 years.

11. **Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 40%.

Foreign markets: The expected percentage of sale in these markets is 60%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	183692 Million Rials	527427 Million Rials

\* Total volume of the investment: 711119 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
	1.85	4 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
232261 million Rials	29.07%	25%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Urea with Sulphuric Coat

### A. Project introduction:

**1. Project title:** Urea with Sulphuric Coat

**2. Activity field:** sector: Downstream Industries of Petrochemical    **subsector:** Chemical

**3. Production-services:** Urea with Sulphuric Coat

**4. Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

It is consumed as an intermediary product in fertilizer parks.

**6. Annual capacity:** 700000 tons per year

**7. Needed land area:** The area of the land is 1 hectare.

**8. Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 12 years.

**11. Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 100%.

Foreign markets: The expected percentage of sale in these markets is 0%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	726968 Million Rials	897164 Million Rials

\* Total volume of the investment: 1624132 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
	1.64	4 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
926974 million Rials	31.8%	25%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Hologram Labels

### A. Project introduction:

1. **Project title:** Hologram Labels

2. **Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical

3. **Production-services:** Hologram Labels

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

Holograms are two or three- dimension shapes drawn by means of Laser technology on different films that they change by changing the angle of light radiation. Today, holograms are applied for the beauty of packaging as well as for packaging products not allowed in the production line.

6. **Annual capacity:** 5 millions

7. **Needed land area:** The area of the land is 1 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 20 years.

### 11. Target Markets:

Local markets: The expected percentage of sale in these markets is 100%.

Foreign markets: The expected percentage of sale in these markets is 0%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	10140 Million Rials	5460 Million Rials

\* Total volume of the investment: 15600 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
		4 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
1170 million Rials	31%	25%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.



## Light Concrete Blocks

### A. Project introduction:

1. **Project title:** Light Concrete Blocks

2. **Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical

3. **Production-services:** Light Concrete Blocks

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

The idea involves production of lightweight precast concretes that in manufacturing them the light expanded clay particles with cellular concrete and artificial sponge particles of cement, limestone and ash are applied as well as sheets of polystyrene foam to increase the insulation property. The resulted product will have a significant weight difference in comparison with the ordinary concrete.

6. **Annual capacity:** 5600 tons per year

7. **Needed land area:** The area of the land is 2 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 20 years.

### 11. Target Markets:

Local markets: The expected percentage of sale in these markets is 50%.

Foreign markets: The expected percentage of sale in these markets is 50%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	51480 Million Rials	31200 Million Rials

\* Total volume of the investment: 82680 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
	1.87	3.3 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
6201 million Rials	34%	30%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.



## Benzoyl Peroxide

### A. Project introduction:

**1. Project title:** Benzoyl Peroxide

**2. Activity field:** sector: Downstream Industries of Petrochemical subsector: Chemical

**3. Production-services:** Benzoyl Peroxide

**4. Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

This chemical matter is solid and it is a bleacher. In pharmaceutical industries, it is applied for producing health and dressing products. It is mostly used as the starter of polymeric reactions. It is a vulcanization factor specially for Silicon rubber and fluor rubbers. This matter is used for non Sulphuric vulcanizations. the product has several artificial applications such as: the starter of polymerization, for cooking rubbers, acne treating gels and hair colors.

**6. Annual capacity:** 5600 tons per year

**7. Needed land area:** The area of the land is 2 hectare.

**8. Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 20 years.

### 11. Target Markets:

Local markets: The expected percentage of sale in these markets is 40%.

Foreign markets: The expected percentage of sale in these markets is 60%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	65000 Million Rials	76440 Million Rials

\* Total volume of the investment: 141440 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
	1.66	3.5 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
10608 million Rials	31%	29%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

**Boric Acid  
(Ortho boric Acid)**

**A. Project introduction:**

- 1. **Project title:** Boric Acid (Ortho boric Acid)
- 2. **Activity field:** sector: Downstream Industries of Petrochemical subsector: Chemical
- 3. **Production-services:** Boric Acid (Ortho boric Acid)
- 4. **Location of executing the project:** Arvand Free Zone

**5. Project specifications:**

This chemical matter is applied in medicinal industries as well as in production of ceramic glaze and colored glass. Even it is possible to produce this matter in a low scale. Since the matter prevents growth of some bacteria, it is applied for treating wounds, as an eye drop solution, mouthwash liquid and skin lotion as well as in ceramic glaze.

- 6. **Annual capacity:** 6000 tons per year
- 7. **Needed land area:** The area of the land is 2 hectare.
- 8. **Land ownership condition:** It is possible to cede the land in zone A to investor.
- 9. **Legal licenses:**  
Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.
- 10. **Scheduling the construction and utilization period:**  
Construction period is 2 years and effective life time for the project execution is 20 years.
- 11. **Target Markets:** These markets include local markets.  
Local markets: The expected percentage of sale in these markets is 70%.  
Foreign markets: The expected percentage of sale in these markets is 30%.
- 12. **Access to infrastructures:**  
Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

**B. Abstract of financial and economical indices:**

**13. Investment in Rial and Foreign Exchange:**

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	79560 Million Rials	51480 Million Rials

\* Total volume of the investment: 131040 million Rials

**14. Financial indices of the project:**

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
36	1.79	4 years

**15. Economical indices of the project:**

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
9830 million Rials	29%	25%

**16. Participation and investment method:**

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Para-Chloro Toluene

### A. Project introduction:

- 1. Project title:** Para-Chloro Toluene
- 2. Activity field:** sector: Downstream Industries of Petrochemical subsector: Chemical
- 3. Production-services:** Para-Chloro Toluene
- 4. Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

It is used in producing different types of herbicides such as Sonalan, Balan and Treflan. Also, it is applied as a chemical intermediary matter in the production of colors, pharmacy, insecticides, resin solvent and rubber. It can be applied for producing a new class of poly ketone polymers.

- 6. Annual capacity:** 10000 tons per year
- 7. Needed land area:** The area of the land is 2 hectare.
- 8. Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 20 years.

### 11. Target Markets:

Local markets: The expected percentage of sale in these markets is 100%.  
Foreign markets: The expected percentage of sale in these markets is 0%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	87360 Million Rials	46800 Million Rials

\* Total volume of the investment: 134160 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
44	1.88	3.4 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
10062 million Rials	27%	29%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Plastic Envelope

### A. Project introduction:

1. **Project title:** Plastic Envelope

2. **Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical

3. **Production-services:** Plastic Envelope

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

These light waterproof non-transparent envelopes can be written on and be affixed a stamp. They are resistant against the probable strokes during transportation and won't be torn. This product is not produced in our country, but it is produced in many European countries. The like product produced in our country is the paper envelope with internal plastic laminate. Safe Bubble Co. is the most important producer of these envelopes. However, Papco Co. and Pilavaran Co. have been producing plastic envelopes, but on the aspect of application and features, these envelopes differ from the ones we mentioned before.

6. **Annual capacity:** 1000000 per year

7. **Needed land area:** The area of the land is 0.8 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 20 years.

### 11. Target Markets:

Local markets: The expected percentage of sale in these markets is 100%.

Foreign markets: The expected percentage of sale in these markets is 0%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	17800 Million Rials	2200 Million Rials

\* Total volume of the investment: 20000 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
32	1.56	5 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
2310 million Rials	32%	20%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Hydrogen Peroxide

### A. Project introduction:

1. **Project title:** Hydrogen Peroxide
2. **Activity field:** sector: Downstream Industries of Petrochemical    subsector: Chemical
3. **Production-services:** Hydrogen Peroxide
4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

Hydrogen Peroxide (2O<sub>2</sub>H) is common oxidant used as a bleacher. Hydrogen peroxide is the simplest peroxide. The pure Hydrogen peroxide is a slightly blue viscose fluid, and also it is hard to produce. The thin hydrogen peroxide sold in the pharmacies is a solution of Hydrogen peroxide in the water that there are three parts of Hydrogen peroxide in each 100 parts. It is colorless and odor- free like water and it taste bitter and somehow acidic.

6. **Annual capacity:**
7. **Needed land area:** The area of the land is 2 hectare.
8. **Land ownership condition:** It is possible to cede the land in zone A to investor.
9. **Legal licenses:**  
Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.
10. **Scheduling the construction and utilization period:**  
Construction period is 2 years and effective life time for the project execution is 20 years.
11. **Target Markets:** These markets include local markets.  
Local markets: The expected percentage of sale in these markets is 50%.  
Foreign markets: The expected percentage of sale in these markets is 50%.
12. **Access to infrastructures:**  
Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	114400 Million Rials	81120 Million Rials

\* Total volume of the investment: 195520 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
31	1.88	3.3 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
14664 million Rials	31%	29%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

**Wood Profile (PVC) using wastes of Sugarcane factory**

**A. Project introduction:**

**1. Project title:** Wood Profile (PVC) using wastes of Sugarcane factory

**2. Activity field:** sector: Downstream Industries of Petrochemical subsector: Chemical

**3. Production-services:** Wood Profile (PVC) using wastes of Sugarcane factory

**4. Location of executing the project:** Arvand Free Zone

**5. Project specifications:**

Wood profiles are materials with an appearance like wood and they are shaped by plastic production processes. They are good alternatives for MDF materials and multi layered materials.

**6. Annual capacity:** 1400 tons per year

**7. Needed land area:** The area of the land is 2 hectare.

**8. Land ownership condition:** It is possible to cede the land in zone A to investor.

**9. Legal licenses:**

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

**10. Scheduling the construction and utilization period:**

Construction period is 2 years and effective life time for the project execution is 20 years.

**11. Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 50%.

Foreign markets: The expected percentage of sale in these markets is 50%.

**12. Access to infrastructures:**

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

**B. Abstract of financial and economical indices:**

**13. Investment in Rial and Foreign Exchange:**

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	78000 Million Rials	23400 Million Rials

\* Total volume of the investment: 101400 million Rials

**14. Financial indices of the project:**

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
32	1.32	2.7 years

**15. Economical indices of the project:**

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
7605 million Rials	40%	36%

**16. Participation and investment method:**

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.





## Transparent Poly Amide

### A. Project introduction:

1. **Project title:** Transparent Poly Amide

2. **Activity field:** sector: Downstream Industries of Petrochemical subsector: Chemical

3. **Production-services:** Transparent Poly Amide

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

They have created a new possibility to be used for markets such as sports and entertainment.

6. **Annual capacity:**

7. **Needed land area:** The area of the land is 2 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

9. **Legal licenses:**

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

10. **Scheduling the construction and utilization period:**

Construction period is 2 years and effective life time for the project execution is 20 years.

11. **Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 50%.

Foreign markets: The expected percentage of sale in these markets is 50%.

12. **Access to infrastructures:**

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	156000 Million Rials	65520 Million Rials

\* Total volume of the investment: 221520 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
30	1.87	3.9 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
16614 million Rials	31%	26%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Poly Vinyl Acetate (PVAC)

### A. Project introduction:

1. **Project title:** Poly Vinyl Acetate (PVAC)

2. **Activity field:** sector: Downstream Industries of Petrochemical subsector: Chemical

3. **Production-services:** Poly Vinyl Acetate (PVAC)

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

Building colors, packaging adhesive, concrete adhesive, completion of carpet products, textile starch.

6. **Annual capacity:** 60000 tons per year

7. **Needed land area:** The area of the land is 2 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 20 years.

### 11. Target Markets:

Local markets: The expected percentage of sale in these markets is 50%.

Foreign markets: The expected percentage of sale in these markets is 50%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	351000 Million Rials	100347 Million Rials

\* Total volume of the investment: 451347 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
29	1.93	4.1 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
4523 million Rials	27%	24%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Tartaric Acid

### A. Project introduction:

**1. Project title:** Tartaric Acid

**2. Activity field:** sector: Downstream Industries of Petrochemical    **subsector:** Chemical

**3. Production-services:** Tartaric Acid

**4. Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

This matter is in the form of a white powder. It is produced from Hydrogen Peroxide. It is mostly applied in food industry as an emulsifier.

**6. Annual capacity:** 60000 tons per year

**7. Needed land area:** The area of the land is 2 hectare.

**8. Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 20 years.

### 11. Target Markets:

Local markets: The expected percentage of sale in these markets is 50%.

Foreign markets: The expected percentage of sale in these markets is 50%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	351000 Million Rials	100347 Million Rials

\* Total volume of the investment: 451347 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
29	1.93	4.1 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
4523 million Rials	27%	24%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Tetra Chloroethylene

### A. Project introduction:

- 1. **Project title:** Tetra Chloroethylene
- 2. **Activity field:** sector: Downstream Industries of Petrochemical    subsector: Chemical
- 3. **Production-services:** Tetra Chloroethylene
- 4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

This chemical matter is a colorless liquid having a slightly sweet odor. It is produced by chlorinating hydrocarbons. It is mostly used as a solvent and a cleaner in metal industries and dry cleaning. In petrochemical industry, it revives the catalyst because a catalyst is sensitive to Oxygen and Nitrogen compounds and get toxic immediately.

- 6. **Annual capacity:**
- 7. **Needed land area:** The area of the land is 2 hectare.
- 8. **Land ownership condition:** It is possible to cede the land in zone A to investor.
- 9. **Legal licenses:**  
Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.
- 10. **Scheduling the construction and utilization period:**  
Construction period is 2 years and effective life time for the project execution is 20 years.
- 11. **Target Markets:** These markets include local markets.  
Local markets: The expected percentage of sale in these markets is 50%.  
Foreign markets: The expected percentage of sale in these markets is 50%.
- 12. **Access to infrastructures:**  
Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	1092000 Million Rials	78000 Million Rials

\* Total volume of the investment: 187200 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
21	1.57	3.9 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
14040 million Rials	29%	26%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

**Disposable Medical Equipment with Polymer Base**

**A. Project introduction:**

- 1. **Project title:** Disposable Medical Equipment with Polymer Base
- 2. **Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical
- 3. **Production-services:** Disposable Medical Equipment with Polymer Base
- 4. **Location of executing the project:** Arvand Free Zone

**5. Project specifications:**

Due to developments of medical facilities, applying these equipment can have a large impact on the cost reduction.

**6. Annual capacity:**

50 million self destroy syringes, 5 million set serums, 1 million urine bags, 2 million blood bags

**7. Needed land area:** The area of the land is 1.1 hectare.

**8. Land ownership condition:** It is possible to cede the land in zone A to investor.

**9. Legal licenses:**

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

**10. Scheduling the construction and utilization period:**

Construction period is 2 years and effective life time for the project execution is 10 years.

**11. Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 100%.

Foreign markets: The expected percentage of sale in these markets is 0%.

**12. Access to infrastructures:**

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

**B. Abstract of financial and economical indices:**

**13. Investment in Rial and Foreign Exchange:**

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	105015 Million Rials	12247 Million Rials

\* Total volume of the investment: 117262 million Rials

**14. Financial indices of the project:**

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
12	1.78	2 years

**15. Economical indices of the project:**

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
8795 million Rials	45.2%	50%

**16. Participation and investment method:**

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Composite Traverse

### A. Project introduction:

1. **Project title:** Composite Traverse
2. **Activity field:** sector: Downstream Industries of Petrochemical subsector: Chemical
3. **Production-services:** Composite Traverse
4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

This project is related to the construction of a composite traverse factory, and it is highly applied in rail transportation industries.

6. **Annual capacity:** 280000 Composite Traverse
7. **Needed land area:** The area of the land is 1 hectare.
8. **Land ownership condition:** It is possible to cede the land in zone A to investor.
9. **Legal licenses:**  
Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.
10. **Scheduling the construction and utilization period:**  
Construction period is 2 years and effective life time for the project execution is 20 years.
11. **Target Markets:** These markets include local markets.  
Local markets: The expected percentage of sale in these markets is 100%.  
Foreign markets: The expected percentage of sale in these markets is 0%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	354267 Million Rials	143058 Million Rials

\* Total volume of the investment: 497325 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
11	1.85	3 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
262518 million Rials	32.96%	33%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.





## Thermoplastic Elastomer

### A. Project introduction:

1. **Project title:** Thermoplastic Elastomer

2. **Activity field:** sector: Downstream Industries of Petrochemical subsector: Chemical

3. **Production-services:** Thermoplastic Elastomer

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

It is used in automobile and rubber manufacturing.

6. **Annual capacity:** 18000 tons

7. **Needed land area:** The area of the land is 2 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 20 years.

11. **Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 8000

Foreign markets: The expected percentage of sale in these markets is 10000

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	273000 Million Rials	139357 Million Rials

\* Total volume of the investment: 412357 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
20	1.63	4.9 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
5430 million Rials	25%	21%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Sodium Tri Poly Phosphate

### A. Project introduction:

- 1. **Project title:** Sodium Tri Poly Phosphate
- 2. **Activity field:** sector: Downstream Industries of Petrochemical    subsector: Chemical
- 3. **Production-services:** Sodium Tri Poly Phosphate
- 4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

Sodium Tri Poly Phosphate (STPP) is white powder recognized by the names of Tri Phosphoric acid or Penta Sodium. It is a mineral compound with the chemical formula of Na<sub>5</sub>P<sub>3</sub>O<sub>10</sub>. The most important applications of it is as lubricant in ceramic and tile industries. This matter lowers viscosity. Sodium Tri Poly Phosphate is applied in other industries such as textile, food, water purification, ceramic, paper and petrochemical.

- 6. **Annual capacity:** 60000 tons
- 7. **Needed land area:** The area of the land is 2 hectare.
- 8. **Land ownership condition:** It is possible to cede the land in zone A to investor.
- 9. **Legal licenses:**  
Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.
- 10. **Scheduling the construction and utilization period:**  
Construction period is 2 years and effective life time for the project execution is 20 years.
- 11. **Target Markets:** These markets include local markets.  
Local markets: The expected percentage of sale in these markets is 50%  
Foreign markets: The expected percentage of sale in these markets is 50%
- 12. **Access to infrastructures:**  
Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	65000 Million Rials	8500 Million Rials

\* Total volume of the investment: 150000 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
	1.88	4.3 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
11250 million Rials	27%	23%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Tri chlorobenzene

### A. Project introduction:

1. **Project title:** Tri chlorobenzene

2. **Activity field:** sector: Downstream Industries of Petrochemical subsector: Chemical

3. **Production-services:** Tri chlorobenzene

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

This idea is for an industrial cluster. Tri chlorobenzene is a chemical matter existed in three forms of isomer: 1, 2, 3 - Tri chlorobenzene (crystal solid), 1, 2, 4 - Tri chlorobenzene (colorless liquid) and 1, 3, 5 - Tri chlorobenzene (colorless solid). It is a foundation for producing insecticides, dielectric fluid and heat transfer fluid in the electronic parts. Also, it is used as lubricants and solvents for making chemical materials.

6. **Annual capacity:** 18000 tons

7. **Needed land area:** The area of the land is 2 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 20 years.

### 11. Target Markets:

Local markets: The expected percentage of sale in these markets is 50%

Foreign markets: The expected percentage of sale in these markets is 50%

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	78000 Million Rials	32500 Million Rials

\* Total volume of the investment: 110500 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
	1.86	4.5 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
5467 million Rials	27%	22%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Triple Super Phosphate

### A. Project introduction:

1. **Project title:** Triple Super Phosphate

2. **Activity field:** sector: Downstream Industries of Petrochemical subsector: Chemical

3. **Production-services:** Triple Super Phosphate

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

Production of fertilizer

6. **Annual capacity:** 300000 tons per year

7. **Needed land area:** The area of the land is 0.8 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 12 years.

11. **Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 60%.

Foreign markets: The expected percentage of sale in these markets is 40%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	612128 Million Rials	352547 Million Rials

\* Total volume of the investment: 964675 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
74	1.69	3 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
852419 million Rials	38%	33%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.



ARVAND GOLDEN AMBASSADOR

CHEMICALLY

## Unsaturated Polyester Resin

### A. Project introduction:

1. **Project title:** Unsaturated Polyester Resin

2. **Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical

3. **Production-services:** Unsaturated Polyester Resin

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

It is produced in Fiberglass industries

6. **Annual capacity:** 25000 tons per year

7. **Needed land area:** The area of the land is 0.9 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 10 years.

11. **Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 100%.

Foreign markets: The expected percentage of sale in these markets is 0%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	392562 Million Rials	393867 Million Rials

\* Total volume of the investment: 786429 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
88	1.79	3 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
365056 million Rials	32.87%	33%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Potassium Sulphate

### A. Project introduction:

1. **Project title:** Potassium Sulphate
2. **Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical
3. **Production-services:** Potassium Sulphate
4. **Location of executing the project:** Arvand Free Zone
5. **Project specifications:**

It is used in agricultural industries and also to reduce pollution.
6. **Annual capacity:** 130000 tons per year
7. **Needed land area:** The area of the land is 0.7 hectare.
8. **Land ownership condition:** It is possible to cede the land in zone A to investor.
9. **Legal licenses:**

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.
10. **Scheduling the construction and utilization period:**

Construction period is 2 years and effective life time for the project execution is 12 years.
11. **Target Markets:** These markets include local markets.  
 Local markets: The expected percentage of sale in these markets is 0%.  
 Foreign markets: The expected percentage of sale in these markets is 100%.
12. **Access to infrastructures:**

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	423465 Million Rials	252873 Million Rials

\* Total volume of the investment: 676338 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
	1.84	3 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
50725 million Rials	36.33%	33%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Plastic Valves

### A. Project introduction:

1. **Project title:** Plastic Valves

2. **Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical

3. **Production-services:** Plastic Valves

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

It is used in the building industry.

6. **Annual capacity:** 2 millions

7. **Needed land area:** The area of the land is 0.9 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 1 year and 6 months and effective life time for the project execution is 10 years.

11. **Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 100%.

Foreign markets: The expected percentage of sale in these markets is 0%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	16150 Million Rials	4100 Million Rials

\* Total volume of the investment: 20250 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
	1.67	4.5 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
1520 million Rials	70.3%	22%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.



## Poly ethylene Films

### A. Project introduction:

1. **Project title:** Poly ethylene Films

2. **Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical

3. **Production-services:** Poly ethylene Films

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

It is used in packaging single layered films.

6. **Annual capacity:** 6600 tons

7. **Needed land area:** The area of the land is 0.5 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 12 years.

11. **Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 100%.

Foreign markets: The expected percentage of sale in these markets is 0%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	18660 Million Rials	148800 Million Rials

\* Total volume of the investment: 167460 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
22	1.82	6 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
12559 million Rials	24%	16%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

**three-layered bags and shrink Film**

**A. Project introduction:**

- 1. **Project title:** three-layered bags and shrink Film
- 2. **Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical
- 3. **Production-services:** Packaging Petrochemical Products
- 4. **Location of executing the project:** Arvand Free Zone

**5. Project specifications:**

It is used in packaging petrochemical products.

- 6. **Annual capacity:** 6800 tons of three-layered bags, 1700 tons of shrink film
- 7. **Needed land area:** The area of the land is 0.9 hectare.
- 8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

**9. Legal licenses:**

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

**10. Scheduling the construction and utilization period:**

Construction period is 2 years and effective life time for the project execution is 10 years.

**11. Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 100%.

Foreign markets: The expected percentage of sale in these markets is 0%.

**12. Access to infrastructures:**

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

**B. Abstract of financial and economical indices:**

**13. Investment in Rial and Foreign Exchange:**

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	34900 Million Rials	94000 Million Rials

\* Total volume of the investment: 443000 million Rials

**14. Financial indices of the project:**

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
19	1.74	3 years

**15. Economical indices of the project:**

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
33225 million Rials	30%	33%

**16. Participation and investment method:**

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Composite Pipe

### A. Project introduction:

1. **Project title:** Composite Pipe

2. **Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical

3. **Production-services:** Composite Pipe

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

It is used in transferring liquids in the water, gas and oil and petrochemical industry.

6. **Annual capacity:** 6000 tons of grp pipe, 2000 tons of gre, 8000 tons grv per year

7. **Needed land area:** The area of the land is 1 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 10 years.

11. **Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 100%.

Foreign markets: The expected percentage of sale in these markets is 0%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	298133 Million Rials	280072 Million Rials

\* Total volume of the investment: 578205 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
39	1.88	2 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
43365 million Rials	66.5%	50%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## 10% Nano Fiber

### A. Project introduction:

- 1. Project title:** 10% Nano Fiber
- 2. Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical
- 3. Production-services:** Production of different types of car filters, air conditioning, industrial filters and any device having a performance with the need to oil or air filtering
- 4. Location of executing the project:** Arvand Free Zone
- 5. Project specifications:**

It is used in producing different types of car filters, air conditioning, industrial filters and any other device needed air or oil filtering.
- 6. Annual capacity:** 30 tons per year
- 7. Needed land area:** The area of the land is 0.7 hectare.
- 8. Land ownership condition:** It is possible to cede the land in zone A to investor.
- 9. Legal licenses:**

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.
- 10. Scheduling the construction and utilization period:**

Construction period is 1 years and effective life time for the project execution is 10 years.
- 11. Target Markets:** These markets include local markets.  
 Local markets: The expected percentage of sale in these markets is 100%.  
 Foreign markets: The expected percentage of sale in these markets is 0%.
- 12. Access to infrastructures:**

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	43000 Million Rials	11240 Million Rials

\* Total volume of the investment: 55400 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
16	1.55	4.5 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
4155 million Rials	35.4%	50%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Composite Aluminum Sheet

### A. Project introduction:

- 1. Project title:** Composite Aluminum Sheet
- 2. Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical
- 3. Production-services:** Construction industries- It is applied for internal or external view (façade) of buildings, agricultural and industrial establishments such as single-story buildings and for partitioning inside of the buildings, sport gymnasiums and fresh fruit and vegetables places
- 4. Location of executing the project:** Arvand Free Zone
- 5. Project specifications:**

It is applied for internal or external view (façade) of buildings, agricultural and industrial establishments such as single-story buildings and for partitioning inside of the buildings, sport gymnasiums and fresh fruit and vegetables places.
- 6. Annual capacity:** 5000 tons (= 857892 square meters) per year
- 7. Needed land area:** The area of the land is 0.7 hectare.
- 8. Land ownership condition:** It is possible to cede the land in zone A to investor.
- 9. Legal licenses:**

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.
- 10. Scheduling the construction and utilization period:**

Construction period is 2 years and effective life time for the project execution is 10 years.
- 11. Target Markets:** These markets include local markets.
 

Local markets: The expected percentage of sale in these markets is 100%.  
Foreign markets: The expected percentage of sale in these markets is 0%.
- 12. Access to infrastructures:**

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	58750 Million Rials	132800 Million Rials

\* Total volume of the investment: 191550 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
34	1.67	4 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
14366 million Rials	27.91%	25%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Cold Foam Polyurethane

### A. Project introduction:

**1. Project title:** Cold Foam Polyurethane

**2. Activity field:** sector: Downstream Industries of Petrochemical    **subsector:** Chemical

**3. Production-services:** Furniture

**4. Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

It is used in producing furniture.

**6. Annual capacity:** 2400 tons per year

**7. Needed land area:** The area of the land is 1 hectare.

**8. Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 10 years.

### 11. Target Markets:

Local markets: The expected percentage of sale in these markets is 50%.

Foreign markets: The expected percentage of sale in these markets is 50%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	18500 Million Rials	22800 Million Rials

\* Total volume of the investment: 41300 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
34	1.77	3 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
3098 million Rials	47.7%	33%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

## Polymeric Sheets

### A. Project introduction:

1. **Project title:** Polymeric Sheets

2. **Activity field:** **sector:** Downstream Industries of Petrochemical **subsector:** Chemical

3. **Production-services:** Artificial glasses

4. **Location of executing the project:** Arvand Free Zone

### 5. Project specifications:

These sheets are used in producing artificial glasses.

6. **Annual capacity:** 1000 tons per year

7. **Needed land area:** The area of the land is 1 hectare.

8. **Land ownership condition:** It is possible to cede the land in zone A to investor.

### 9. Legal licenses:

Based on article 11 of the law "Running Free and Special Economic Zones", the zone's organization is in charge of issuing license for executing any authorized economic activities in the zone limit. However, if a project needs another license from other authorized organizations, the required enquiries to get the license can be done by the zone's organization and only the investor is allowed to follow up the process.

### 10. Scheduling the construction and utilization period:

Construction period is 2 years and effective life time for the project execution is 12 years.

11. **Target Markets:** These markets include local markets.

Local markets: The expected percentage of sale in these markets is 100%.

Foreign markets: The expected percentage of sale in these markets is 0%.

### 12. Access to infrastructures:

Infrastructural facilities (electricity, water supply, telecommunication, fuel, road, etc) are inserted in the below table.

No.	Required infrastructure	Distance to the place of the project
1	Water	In the project location
2	Electricity	In the project location
3	Gas	No Distance
4	Communications	In the project location
5	Main Route	In the project location
6	Airport	8 km
7	Port	10 km
8	Railway station	15 km

### B. Abstract of financial and economical indices:

#### 13. Investment in Rial and Foreign Exchange:

Investment in Foreign exchange		Investment in Rial	
Required exchange	Value of know-how, machinery and equipment	Fixed Capital	Working Capital
-	-	13000 Million Rials	24000 Million Rials

\* Total volume of the investment: 37000 million Rials

#### 14. Financial indices of the project:

Operating Profit in maximum capacity (billion Rials)	Benefit to Cost (B/C)	Payback Period (year) P.B.P
32	1.91	4 years

#### 15. Economical indices of the project:

Net Present Value (NPV)	Internal Rate of Return (IRR)	Rate of Return
2775 million Rials	25%	25%

#### 16. Participation and investment method:

For this project, the investor can invest independently through buying land and paying costs related to getting licenses, or in different forms, can participate in implementing the project in Arvand free zone. If interested in participation, land and project licenses' costs are considered as the organizations' input. Feasibility studies for this project have been done.

