

## PROJECT PROFILE – SUMMARY SHEET

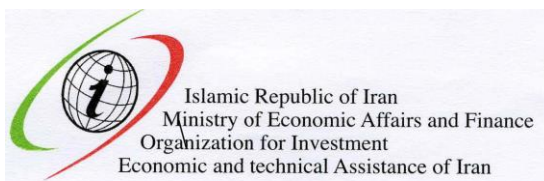
<b>Project Introduction</b>	
1. Project title: Poultry industrial slaughterhouse	
2. Sector: Manufacture of food products and beverages (15) Sub sector: Production, processing and preserving of meat and meat products (1511)	
3. Products/Services: packaged chicken	
4. Location: Free zone <input type="checkbox"/> Economic special zone <input type="checkbox"/> Industrial Estate <input checked="" type="checkbox"/> Main Land <input type="checkbox"/>	
5. Project description:  Nowadays, based on the importance of health controlling on food products, the industrial slaughterhouses have to be developed. In this regard, the chicken packing leads to health quality enhancement of the products, provision of complaints follow up conditions and legal demands in case of unhealthy conditions' observed, knowledge of production and expiry dates, maintenance conditions, product's consumption period and other information and health recommendations via what is written on the packages.  The main goal of this study is to establish fully industrial slaughterhouse using the export approach in order to complement the chicken meat production chain in Lorestan. In this plan, the resulting products would be obtained from the industrial chicken slaughtering.	
6. Annual capacity: 4800000 chickens	

<b>Project Status</b>	
7. Local / internal raw material access: 100 %	
8. Sale: Anticipated internal market: 90%                      Anticipated export market: 10 %	
9. Construction Period: 24 months	
Schedule	Beginning of activity: 3/2018 In-site beginning of activity: 3/2018 End of project: 2/2019 Commercial activity beginning: 3/2019

**10. Project Status:**

- Feasibility study available? Yes  No
- Required land provided? Yes  No
- Legal permissions (establishment license, foreign currency quota, environment, etc) taken? Yes  No
- Partnership agreement concluded with local/foreign investor? Yes  No
- Financing agreement concluded? Yes  No
- Agreement with local / foreign contractor(s) concluded? Yes  No
- Infrastructural utilities (electricity, water supply, telecommunication, fuel, road, etc) procured? Yes  No
- List of know-how, machinery, equipment, as well as seller / builder companies defined? Yes  No
- Purchase agreement for machinery, equipments and technology concluded? Yes  No

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**Financial Structure****11. Finance**

Description	Local Currency Required			Foreign Currency Required Million Dollar	Total Million Dollar
	Million Rials	Rate	Equivalent in Million Dollar		
Fix Capital	34115	37019	0.922	0	0.922
Working Capital	870	37019	0.023	0	0.023
Total Investment	34985	37019	0.945	0	0.945

- Value of foreign equipment/machinery: 0 million dollar
- Value of local equipment/machinery: 19600 million dollars
- Value of foreign technology: million dollar
- Value of local technology: million dollar
- Net Present Value (NPV): 44435 Million Rials for 10 Year
- Internal Rate of Return (IRR): 47.23%
- Payback Period (PP): 34.8%

**General Information**

12. Project Type: Establishment  Expansion and completion

**13. Company Profile:**

- Name (legal / natural persons): consultant engineers group (Kamel Sanat Sam)
- Company Name: engineering consultation
- Address: floor 3, Milad Noor complex, before 30m, Vali Asr Blvd ., Khoram Abad, Lorestan
- Tel: 06632203616 Fax: 06633203615
- E-mail: Info@Scicogroup.com Web site: www.Scicogroup.com

- Sector: private sector  public sector  other

*Please attach follow documents if available*

- Pre-feasibility study
- Feasibility study
- Legal permissions (establishment license, foreign currency quota, environment, etc)

**Ministry of Economic Affairs and Finance**  
**Organization for Investment Economic and Technical Assistance of Iran**  
**(OIETAI)**  
**Foreign Investment Center of Lorestan Province**  
**Tel (Tehran): (021) 33967749-33967766-33967762-39902485-39902488-39902486**  
**Tel (Khoramabad): (066) 33229577**  
**Fax: 33967774**  
**Website: [www.investiniran.ir](http://www.investiniran.ir)**  
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## Plan summary

### 1. Product or services introduction

#### 1.1. The goal of this plan

The main goal of this study is to establish fully industrial slaughterhouse using the export approach in order to complement the chicken meat production chain in Lorestan. In this plan, the resulting products would be obtained from the industrial chicken slaughtering. The product of this unit is the packed chicken meat for food supplying. The other products like lateral ones include the hen dried feather, heart, liver, ginger, skeleton, foot and meat powder which are resulted from the wastes. It is necessary to note that this slaughterhouse can be useful for other birds.

#### 1-2- The features and advantages of plan

Chicken packing leads to health quality enhancement of the products, provision of complaints follow up conditions and legal demands in case of unhealthy conditions' observed, knowledge of production and expiry dates, maintenance conditions, product's consumption period and other information and health recommendations via what is written on the packages. In addition, the supplied would be in more suitable economic situation based on lack of cheating possibility by the producer and attracting the consumers' satisfaction with the product's quality.

#### 1-3- ISIC code

Importing fee	Custom tariff	Scale	Product	Code	No.
-	-	No.	Abattoir activities related to chicken meats	1511412457	1
26	02071100 02071300	t	Fresh chicken meat, boxed	1511412483	2
26	02071200 02071490	t	Frozen chicken meat, boxed	1511412484	3

#### 1-4- Products' application

Consuming each of chicken lateral products like ginger, liver and parts like feather, wings, foot and the neck depends on the procedure and place of breeding. All these parts are of particular performance and features in the body. The heart and ginger are of higher nutrient value because the heart is better and can be digested easily due to protein tissues. The liver is healthier because is rich of iron, niacin, zinc and vitamin B12 and can be used for people with anemia. The heart and kidney are also effective on blood making and are in a level in term of nutrition value. The chicken's foot is also a source of collagen and its nails can be mostly used in industry in producing gelatin rather than food consumption. Other parts which are mostly considered by people are used in kebab form including the chicken's wing. The healthiest part of the animal's body except the meat is its neck. It is recommended to women to use the neck in soup in cold seasons and there is no limitation on its consumption.

#### Proposed places

The proposed place for this plan in Lorestan province is Borujerd, Selseleh, Dorud, and Kouh Dasht.

#### Raw, auxiliary and consuming materials

Annual costs (million rials)	Unit price (R)	Scale	Annual consumption	Raw materials and technical features
0	0	t	12000	Live chicken

Annual costs (million rials)	Unit price (R)	Scale	Annual consumption	Raw materials and technical features
25.2	350	Set	72	Cloth and other accessories
4320	0.9	No.	4800000	Labeled nylon bag and disposable vessels
126	70	Kg	1800	Cleaners and disinfectants
360	8000	Kg	45000	Refrigerator consuming materials and ammonium gas (10 g ammonium for each hen)
4831.2	Total			

### The nominal capacity

The nominal capacity of this plan is slaughtering 2000 chickens/hour with 8 working hours in a shift and 300 days/year.

### Production procedure and technology used

The birds' industrial slaughtering is as follow:

- a. Receiving the live birds
- b. Technical health inspection of birds before slaughtering
- c. Live birds' anesthetizing
- d. Cutting the head of birds
- e. Extraction of blood
- f. Cutting the feathers
- g. Emptying the inner parts of body
- h. Technical health inspection of birds after slaughtering
- i. Separation of inner parts of birds
- j. Carcass washing
- k. Foot cutting
- l. Carcass cooling
- m. Washing the carcass
- n. Preparing the carcass for packing

### The plan investment costs

%	Total (MILLION RIALS)	Description
4.29	1500	Land
27.62	9664	Building
56.02	19600	Machineries
3.97	1388	Installations
3.09	1080	Vehicles
0.23	80	Service and administrative equipment
0.95	333	Unexpected and miscellaneous, 1%
96.17	33645	<b>Total fixed assets</b>
1.34	470	Pre-exploitation costs
97.51	34115	<b>Total fixed plan investment costs</b>
2.49	870	Working capital
100	34985	<b>Total plan investment</b>

**Working capital**

Amount (million rials)	Description	Title
402	A month for raw materials	Raw materials
348	A month salary	Salary
120	One month of energy and repair costs	Revolving funds
870	Total	

**Fixed costs and annual production variable**

Variable and fixed costs	Variable costs (million rials)	Variable costs %	Fixed cost (million rials)	Fixed costs %	Production costs	No.
4831.2	4831.2	100	0	0	Consumed and raw materials	1
4877.16	1463.16	30	3414	70	Salary and wage	2
102.6	82.08	80	20.52	20	Energy costs	3
68.23	0	0	68.23	100	Insurance (0.002 of fixed investment)	4
1436.02	1148.82	80	287.204	20	Repair and maintenance	5
528	422.4	80	105.6	20	Ads and marketing	6
2877.56	0	0	2877.56	100	Depreciation	7
678	542.4	80	135.6	20	Miscellaneous and unpredicted (3%)	8
15398.77	8490.056	total	6908.714	Total		

**Economic index**

26400 million Rials	Annual income	Economic indices
44435 million Rials	NPV	
47.23%	IRP	