Islamic Republic of Iran
Ministry of Economic Affairs and Finance
Organization for Investment
Economic and technical Assistance of Iran

PROJECT PROFILE – SUMMARY SHEET

Project Introduction

١. Project title: Solar panel

٢. Sector: Water, Electricity and Gas Supply Sub sector: Generation, transfer, and distribution of electricity

٣. Products/Services: Solar panel

٤. Location: Free zone ☐ Economic special zone ☐ Industrial Estate ■ Main Land ☐

٥. Project description:
The purpose of implementing this plan is to build a solar panel production unit in Tehran province. A solar panel, also referred to as a PV panel, is a device that converts sunlight into electricity and can be used to power electrical loads. Solar panels have a wide range of uses, including remote power systems for cabins, telecommunications equipment, remote sensing, and of course for generating electricity by residential and commercial solar power systems. Solar panels are made up of several solar cells, which themselves are composed of layers of silicon, phosphorus (which provides the negative charge) and boron (which provides the positive charge). Solar panels absorb photons and create an electric current. Photons that hit the solar panel's surface cause electrons to be released from their atomic orbits, and then the electric field created by the solar cells pulls the free electrons into a directional flow. This entire process is known as the photovoltaic effect.

٦. Annual capacity: ٤٠,٠٠٠ units per year

Project Status

٧. Local / internal raw material access ١٠٠ %

٨. Sale: ٥,٦٢٣,٦٤٢ Euros
- Anticipated local market: ١٠٠ %
- Anticipated export market: ٠ %

٩. Construction Period ٢ Year

١٠. 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 know- how concluded?	Yes ☐	No ■

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Financial Structure

١١. Financial Table

Description	Local Currency Required			Foreign Currency Required Million Euro	Total Million Euro
	Million Rials	Rate	Equivalent in Million Euro		
Fix Capital	٤٤٤,٤٥٩	٣٩٥,٩٠٠	١/١	٠/١	١/٢
Working Capital	٢٩٣,٨٨٢	٣٩٥,٩٠٠	٠/٧	٠	٠/٧
Total Investment	٧٣٨,٣٤١	٣٩٥,٩٠٠	١/٨	٠/١	١/٩

- Value of foreign equipment/machinery ٨٢,٤١٨ Euros
- Value of local equipment/machinery ٠ Euros
- Value of foreign technical know- how ٠ euro
- Value of local technical knows- how ٠ euro
- Net Present Value (NPV): ٣٦٩,٣٠٠ Million Rials for ١٠ years
- Internal Rate of Return (IRR): ٤٠,٥١ %
- Payback Period (PP): ٣ Year

General Information

١٢. Project Type: Establishment ■ Expansion and completion ☐

١٣. Company Profile:
-Name (legal /natural persons): Mrs. Rasta
-Company Name: Organization of Industry, Mine and Trade of Tehran Province.
-Address: NO.١, Arjang ST, Valiasr Square, Tehran, Iran.
-Tel: ٠٩١١٢٥٣١١٢٧ Fax: ٠٢١-٨٨٧٦٦١١٢
-E-mail: Pr@tehraniec.ir Web site: https://tehran.isipo.ir/
-Local entrepreneur: 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) ■

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