

PROJECT PROFILE – SUMMARY SHEET

Project Introduction

1. Project title: 100MW Wind Farm in Khaf

2. Sector : Energy

Sub sector: Renewable Energies

3. Products/Services: power generation

4. Location: Khaf, Khorasan Razavi, Iran Free zone Economic special zone Industrial Estate Main Land

5. Project Detail:

Khaf is located in Khorasan Razavi, Iran and has a great potential of wind energy. Ministry of Electricity of Iran (MoE) has established new incentives for wind farm developers including Guaranteed Power Purchase Agreement (GPPA) with a high price for twenty years. Several studies using various sources of data (Iran Wind Atlas by Lahmeyer International, Beheen's own wind mast data, 3Tire, NASA satellite data and Iran's Meteorology Organization data) suggest Khaf as the best wind resource potential. Average capacity factor of Khaf site is estimated over 45%. Based on this facts and previous experiences (two other 100MW wind farms in Khaf), Beheen has decided to attract investments for a new 100MW wind farm project in Khaf (as the third phase).

6.

a) Capacity: 100MW

b) Annual production: 394.20 GWh

Project Status

7. Type of Request:

- Business partner – Joint Venture
- Investor – Venture Capital
- Business partner – Other

8.

a) Construction Period : One Year

b) Operation Period: Twenty Year

9. Stage or Status of the Project:

- Bankruptcy
- Construction Completed
- Construction Ready
- Expansion

10. Project Status :

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

Financial Structure

11. Financial Table:

Total Investment: 175 Million Euro
Share of own Investment: flexible

- Net Present Value (NPV): 252 Million Euros at 20% discount rate.
- Internal Rate of Return (IRR) 61%
- Payback Period (PP) 25 Month(s)
- Number of people who (will) work in the project: Construction period: 200 – Operation period: 20

General Information

12. Project Type : Establishment Expansion and completion

13. Company Profile

- Name (legal /natural persons) :
- Company Name : Beheen Ertebat Mehr (an independent company for this project is registered)
- Address : NO.31, West 26 avenue, South AllamehTabatabaai avenue, Saadatabad, Tehran
- Tel: (+9821)81704300 Fax: (+9821) 88690095
- E-mail: info@beheen.com Web site: www.beheen.com
- **Contact Person** : Mr. Mohammad Sebt Ahmadi Tel/Fax/Mobile:09123552647 Email:ahmadi@beheen.com

- Local entrepreneur : private sector public sector other

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Organization for Investment Economic and Technical Assistance of Iran (OIETAI)
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