

**The Investment Opportunities of
Islamic Republic of IRAN
in Hydropower**

1- Project title: Garsha Dam and Hydropower Plant		
2-Field of activity: Energy generation		
3- Project type : Establishment <input checked="" type="checkbox"/> Expansion and completion <input type="checkbox"/>		
4- Project description: Garsh project is including a rockfill dam with maximum height of 153m and a powerhouse with capacity of 211 MW. Garsha dam will be established on Seymareh River which is one of the main rivers of Karkheh watershed in the west of Iran. Reservoir capacity is 1385 MCM and its area is 30.2 km ² . Spillway is gated type and discharge capacity is 8660 CMS. Diversion system is containing two tunnels at left abutment.		
5-Location: Seymareh River, Southeast of Kermanshah City, Kermanshah Province, Iran		
6- Products: Hydroelectric energy		
7- Total Capacity: 211 MW Total Annual Product: 502 GWh		
8-Markets: Domestic 100% Foreign 0%		
9- Local/internal raw material access: 80 %		
10- Sale: -Anticipated local market: 100% -Anticipated export market: 0%		
11- Construction period: 6 years Start: 2013 End: 2018		
12- Operation date: 2018 Length of Operation: 50 years		
13- Anticipated employment: Direct: 450 Indirect: Unknown		
14-Project status:		
-Feasibility study available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
- Required land provided?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
-Legal permissions (establishment license, foreign currency quota, environment ,etc.) taken?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
-Partnership agreement with local/foreign investor concluded?	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 type="checkbox"/>	No <input checked="" type="checkbox"/>
-Infrastructural utilities (electricity ,water supply , telecommunication, fuel, road, etc.) procured?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
-List of know-how, machinery, equipments, as well as seller/builder companies defined?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
-Purchase agreement for machinery, equipments and know-how concluded?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

15-Investment volume and structure:

Description	Local Currency Required (Million Rials)	Foreign Currency (Million Euro)
Total Investment	2,285,008	36.76

	Million Euro	Million Euro
Equivalent Foreign Currency	163.21	36.76
Total Sum (Million Euros)	200	

Exchange Rate: 1 Euro = 14000 Rials

- Internal Rate of Return(IRR): 9.7%
- B/C: 1.2

16-Scheme of project financing

- a-Foreign Direct Investment (equity participation)
- b-Contractual Arrangements:
 - Short-term loan(financing):
 - Buy-back:
 - BOT schemes: BOT BOO BRT BLT Other

17- Employer/ local partner profile:

- Name (legal/natural persons): *Iran Water & Power Resources Development Co. (IWPCO)*
- Company's current activities: *Hydroelectric Power Plant & Dam Projects Construction*
- Address: *No 3., Bidar St, Africa Junction, Modarres Expressway, Tehran, IRAN*
- Tel: 27823113, Fax: 27823151,E-mail (Mr. Shahram Jalali): s.jalali@iwpc.com, sh1352j@gmail.com
- Website: www.iwpc.com.
- Company's legal structure: Governmental Non-governmental Public non-governmental