

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

1- Project title: Karkheh II 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: Concrete gravity Dam Height = 100 m Volume of Reservoir = 132 MCM Run-off-river hydropower Total potential head of water = 70 to 80 meters Mean annual discharge of the river = 144 m ³ /s Two Francis type of turbines Surface power house structure Reservoir area = 7.5 KM ²		
5-Location: Karkheh River, 200 km north of Ahawaz City, Khuzestan Province, Iran		
6- Products: Hydroelectric energy		
7- Total Capacity: 360 MW Total Annual Product: 636 GWh		
8-Markets: Domestic: 100% Foreign: 0%		
9- Local/internal raw material access: 70 %		
10- Sale: -Anticipated local market: 100% -Anticipated export market: 0%		
11- Construction period: 5 years Start: 2015 End: 2020		
12- Operation date: 2021 Length of Operation: 50 years		
13- Anticipated employment: Direct: 1500 Indirect: 10000		
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	4,780,762	126.51

	Million Euro	Million Euro
Equivalent Foreign Currency	341.48	126.51
Total Sum (Million Euros)	468	

Exchange Rate: 1 Euro = 14000 Rials

-Internal Rate of Return(IRR): 14.80%
 -B/C: 1.53

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