

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

<b>1- Project title:</b> Namarestagh Dam & Cascade Hydropower plants		
<b>2- Field of activity :</b> Energy generation		
<b>3- Project type:</b> Establishment <input checked="" type="checkbox"/> expansion and completion <input type="checkbox"/>		
<b>4- Project description:</b> Cascade Hydropower plants One concreted pond Two cascade power plants First power plant = 8 MW Second power plant = 26 MW		
<b>5- Location:</b> The project is located in the southwest of the city of Amol in the vicinity of Mazandaran, Iran.		
<b>6- Products:</b> Hydroelectric Energy		
<b>7- Capacity:</b> 34 MW <b>Annual Product:</b> 90.2 GW/h		
<b>8- markets:</b> Domestic 100%      Foreign 100%		
<b>9- Local/internal raw material access</b> 80 %		
<b>10- Sale:</b> -Anticipated local market: 100% -Anticipated export market: 0%		
<b>11- Construction Duration:</b> 3 years <b>Start:</b> 2010 <b>End:</b> 2013		
<b>12- Operation Year:</b> 2014 <b>Length of Operation:</b> 50 years		
<b>13- Anticipated employment:</b> <b>Direct:</b> 1000 <b>Indirect:</b> 8000		
<b>14- Project status:</b>		
- Feasibility study available?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
- Required lands provide?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
- Legal permissions (establishment license foreign currency quota, environment, etc.) taken? <b>In process</b>	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? <b>The quantities for construction are procured.</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
- List of know-how machinery, equipments, as well as seller/builder companies defined?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
- Purchase agreement for machinery, equipment and know-how concluded?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

**15- Investment Volume and Fractions:**

Description	Local Currency Required (Million Rials)	Equivalent Foreign Currency (Million Euros)
Civil Works	147,467	10.53336
Hydromechanical	63,972	4.569429
Electromechanical	191,591	13.68507
Reservoir and Road Establishment	5,678	0.405571
<b>Total Sum</b>	<b>408,707</b>	<b>29.19336</b>

Exchange Rate: 1 Euro = 14000 Rials

- Internal rate of return (IRR): 16.5%
- B/C 1.4

**16- Scheme of project financing**

- a- EPCF
- b- Contractual Arrangements:
  - Short-term loan (financing)(\*):
  - Buy-back:
  - BOT schemes: BOT  BOO  BRT  BLT  Other

(\*):similar to the program of basic construction works (like access roads and diversion system) this part is foreseen to be financed from local sources and the main parts of the project from foreign financier.

**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](mailto:s.jalali@iwpc.com), [sh1352j@gmail.com](mailto:sh1352j@gmail.com)
- Website: [www.iwpc.com](http://www.iwpc.com).
- Company's legal structure: Governmental  Non-governmental  Public non-governmental