

**SELECTION OF ENERGY SERVICE COMPANY BY BENEFICIARIES OF  
FINANCING FROM THE FRENCH DEVELOPMENT AGENCY (AFD)**

**REQUEST FOR EXPRESSIONS OF INTEREST**

**JORDAN**

**JREEEF project: Implementation of energy saving measures (Petra Region)**

**CONSULTING SERVICES**

**Expression of interest**

The Ministry of Energy and Minerals Resources (MEMR) – Jordan Renewable Energy & Energy Efficiency Funds (JREEEF) through the Ministry of Planning and International Cooperation has received financing from the French Development Agency and intends to use part of the funds thereof for payments under the following project: *Implementation of energy conservation measures including energy efficiency and renewable energy measures.*

Nine completed ASHRAE level two audits have been conducted for the one, two and three star hotels (on occasional basis four stars hotels Jordanian owned) in the region of Petra. Extra audits are undergoing leading to a total of 14 hotels that could be part of the program.

The recommendations of those audits include the following measures:

- ***Lighting*** (e.g. Replacement of all lamps by LEDs, etc)
- ***Heating/ Air conditioning/ Pumps*** (e.g. Replacing electrical heater by solar thermal system, installing energy saving devices on air conditioners, replacing existing AC Split units with energy efficient Split units, installing variable frequency drive for the hot/chilled water pumps with more efficient pumps, replacing the chilled water/hot water pumps with more efficient pumps, replacing the existing Ducted Split Unit system with Variable Refrigerant Flow (VRF) system etc)
- ***Boilers*** (e.g. replacing existing diesel boilers with condensing gas boilers etc)
- ***Occupancy sensors*** (e.g. Installing occupancy sensors etc)
- ***Insulation*** (e.g. Adding internal insulation to un insulated walls in the air conditioned spaces or to un insulated pipes etc)
- ***Glazing*** (e.g. Applying Nano technology glass coating on windows, etc)
- ***Renewable Energy*** (e.g. PV equipment - net metering system and Solar Water Heaters)

The mission of the Energy Service Company (ESCo) shall consist of implementing some of the medium and high energy conservation measures which arose from those audits. The work will be in Petra and should take place from mid-September to

December 2016. The size of the investment needed will depend on the hotel but for several hotels it is likely to be small sized projects. A replication of the program could be envisaged for the 1 to 3 stars hotels in Aqaba and Madaba.

The MEMR hereby invites **local** ESCo to show their interest in delivering the services described above.

In order to confirm their eligibility for AFD's financing, the ESCo should submit in their expression of interest a duly signed Statement of Integrity (appended to this letter).

Interested ESCos must have existed for at least 5 years. They must provide information evidencing that they are qualified and experienced to perform those services (brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, etc.). For that purpose, four documented evidence of recent and similar services with references of the amount and beneficiary persons shall be submitted. Basic information on the interested ESCos (turnover etc.) and the staff available to conduct the service in Petra shall also be included.

Among the submitted applications, MEMR will constitute a shortlist of qualified companies.

Determination of the list will be based on:

- The technical area and expertise of the firm:
  - Expertise in the implementation of energy efficiency and renewable energy measures in existing buildings
  - Experience in energy efficiency techniques and technologies.
  - Development and implementation of similar program.
  - Familiar with the local energy regulations guidelines.
- The availability of the firm to begin the work in mid-September in Petra
- Its possibility to create employment in the Petra region through this assignment.

Interested ESCos may obtain further information at the address below: Lina Mobaideen: [Lina.Mobaideen@MEMR.gov.jo](mailto:Lina.Mobaideen@MEMR.gov.jo)

Expressions of interest must be submitted to the address below no later than 1:00 Pm 30/8/2016:

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Tel: 00962 5803060  
Fax: +9625865714

**Secretary General**

**Eng.Amani AL-Azzam**

