



MONTENEGRO
Ministry of Economy
MONTENEGRO ENERGY EFFICIENCY PROJECT

Advertisement for Expressions of Interest
for
TECHNICAL MONITORING & EVALUATION CONSULTANT for
STUDENT DORMITORY AND OBJECTS FROM II SET
(schools: HS CETINJE; HS IVAN USKOKOVIC, PODGORICA; PS BOSKO STRUGAR,
ULCINJ; PS RADOMIR MITROVIC, BERANE; PS LUKA SIMONOVIC, NIKSIC and
hospitals: GH BIJELO POLJE, SH RISAN; SH BREZOVIK)
No: MNE-EE-7637-CQ-CS-11-C.1.2.

LOAN NUMBER: 7637-ME

Montenegro has received a loan from the International Bank for Reconstruction and Development (IBRD) in the amount of € 6.5 million equivalent toward the cost of the Montenegro Energy Efficiency Project (MEEP), and intends to apply part of this loan to payments under the contract for Technical Monitoring and Evaluation consultant for Student dormitory and objects from II set (schools: HS Cetinje; HS Ivan Uskokovic, Podgorica; PS Bosko Strugar, Ulcinj; PS Radomir Mitrovic, Berane; PS Luka Simonovic, Niksic and hospitals: GH Bijelo Polje, SH Risan and SH Brezovik).

Description of Services:

MEEP is created to contribute to significant energy savings in a cost effective way in selected public buildings, namely schools, hospitals and dormitories, and though it, to strengthen the capacity of the domestic institutions to implement similar projects in other buildings. The one of MEEP components is technical monitoring and evaluation. Monitoring of the energy consumption BEFORE and AFTER the investments and evaluation of the results is of great importance for the MEEP success, since it is aimed at the verification of the results achieved by implementation of the proposed measures in Detailed Energy Audit and meeting of the overall and specific project objectives.

The Technical Monitoring and Evaluation (TM&E) Consultant firm shall be hired to perform the services in line with the Contract that include but are not limited to the following tasks:

- (i) Preparation of Methodology for technical monitoring and evaluation for Student dormitory Podgorica;
- (ii) Preparation of Monitoring protocol (plan), including list of measuring devices to be used for all objects;
- (iii) Performing of technical monitoring BEFORE investment for Student Dormitory Podgorica;

- (iv) Performing of technical monitoring AFTER investment on all objects. For objects from II set the TM&E Consultant will use Methodology that are already developed by the project consultants;
- (v) Evaluation of results and
- (vi) Preparation of final M&E report for all objects.

The technical monitoring of the retrofitted buildings will pursue the following objectives:

- Determine the real energy consumption before retrofitting of Student Dormitory Podgorica, real energy consumption after objects retrofitting on all objects and quantify energy savings achieved;
- Quantify the difference of the indoor climate before retrofitting of Student Dormitory Podgorica and indoor climate after objects retrofitting on all objects, and together with the climatic variation, adjust the gross energy saving in order to establish the savings for normative heating seasons and indoor air temperatures;
- Assess the comfort improvement in term of temperature and functional improvement;
- Assess the effectiveness of the implemented energy saving measures such as room temperature control, reduction of air infiltration through the windows, control of the humidity level through the natural ventilation, illumination level, satisfaction of users, etc.

Duration:

Consultant shall perform the service in period of End December 2011 – End of December 2012. Subject to availability of funds and satisfactory performance by the TM&E Consultant, the contract may be extended through 30 April, 2013 on otherwise same scope, terms and fees as the original contract.

Expressions of interest:

The Montenegro Energy Efficiency Project team now invites eligible Consultant firms to indicate their interest in providing the services. Interested Consultant firms must provide information indicating that they are qualified to perform the services:

- **General qualification of the firm:** Documents defining the constitution or legal status, place of registration, and principal place of business of the Consultant firm; Evidence of financial reporting, balance sheet and income statement; Proof the payments to the Consultant firm are not suspended; Appropriate bank account abstract, proof or statement of financial capability from the Bank whose client is a Consultant firm;
- **Qualification of the consultant (firm) relevant to the assignment:** Experience in similar projects in last 3 years (for every listed project please submit the following information: name of the project, donator/investors, contract value, realization data, and contact info from donor/investor side);
- **Professional staff:** List of the key staff that is generally available for this kind of work. The key personnel should have expertise in buildings' energy efficiency, boilers, heat substations, HVAC, lighting, in sufficient scope to discuss measured data and quantify the energy consumption and savings, and indoor comfort improvement; A university degree in mechanical and electro engineering; at least 5 years of general experience and at least 3 years in the field of the assignment;

- Consultant firm can submit other documents considered important, and which are not listed above.

Consultants may associate to enhance their qualifications. The associations should clearly indicate the form of the association (Joint-venture or sub-consultancy; member in charge; other member/s and or sub-consultants) and responsibility/role of each member in project implementation. Joint ventures should submit letters of intent indicating their intent to form a joint venture if awarded the contract and shall provide the above mentioned information for each member of the joint venture.

Consultants may only submit one expression of interest. If a Consultant submits or participates in more than one expression of interest, such expressions will be disqualified. However, sub-consultants, including individual experts, may participate in more than one expression of interest only in the capacity of sub-consultants.

A consultant will be selected in accordance with the procedures for Selection Based on Consultants' Qualification (CQ) set out in the World Bank's [*Guidelines: Selection and Employment of Consultants by World Bank Borrowers*](#) (May 2004, revised in October 2006 and May 2010).

Interested consultants may obtain further information at the address below, from 09:00 to 17:00 hrs.

Expressions of interest must be delivered to the physical or electronic address below by **December 22, 2011, 15.00 h local time.**

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