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United Nations High Commissioner for Refugees
Haut Commissariat des Nations Unies pour les réfugiés

VACANCY NOTICE Individual Consultant – Electricity 2016/HRC-002

UNHCR Greece invites applications from qualified candidates for the following position:

Position title	Individual Consultant - Electricity
Duty Station	Lesvos
Duration	Upon completion of work. Expected duration: One month
Effective date	2 weeks following the receipt of the offer
Closing Date	10th November 2016

OPERATIONAL CONTEXT

Over one million refugees and migrants have undertaken the perilous journey across the Mediterranean between 2015 and mid-2016. The majority are Syrians, Afghans and Iraqi nationals who crossed the Aegean from Turkey to Greece.

While up to mid-November 2015, most persons of concern (POCs) stayed in Greece for only a few days, the situation considerably following new border restriction on the Western Balkan routes in February 2016 and the entry into effect of the EU-Turkey agreement on 20 March. From a response targeting people on the move, humanitarian actors reviewed their priorities to focus on a static population. As of September 2016, it is estimated there are over 165,000 arrivals by sea and currently between 35,000 and 56,500 persons of concern in the country. The majority of them are hosted in the mainland, spread throughout over 40 sites and urban locations. A few remain in the islands, being catered through the ‘hotspot’ approach.

FUNCTIONAL STATEMENT

Kara Tepe (KT) and Moria will receive additional prefabricated accommodation units equipped with A/C and inverters that could be used by the persons of concern (PoC) during Summer and/or Winter. The use of these equipments will have a significant impact on the level of consumption of Electricity both in KT and Moria. There has been concerns raised regarding the capacity of the current electricity sub-stations to ensure adequate capacity to provide required electricity for the installation of prefabricated accommodation units.

The Operation needs to know the estimated monthly consumption that may derive from the use of these new appliances during Summer and Winter. The Operation is also interested to know:

- What the total additional Kwatts will be needed and who many sub-stations are needed to meet the needs;
- What the internal electricity works will be needed to connect the prefabricated accommodation units;
- What other security measures are needed to enhance PoC’s access to safe and secured electricity.

Scope of works

- Assess quantitatively the demands for electricity supply in each site, taking into account Summer and Winter consumptions based on current consumption and allowing for expected draw of the prefabricated accommodation containers;
- Assess internal electrical connection in the site and suggest measures to improve security of PoC and to prevent PoC’s exposure to electrical hazards;
- Design a plan for the proper and standard connection of new prefabricated accommodation units taking into account EU and domestic security and electricity standards;



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- Assess current sub-stations ability to meet the demand for electricity during Summer and Winter, taking into account the current and planned demands for electricity supply and provide designs for meeting the expected needs;
- Survey the local market to collect information regarding the implementation of any of the designs or renovation plans submitted.
- Assist in any other design or assessment works related to electrical engineering context.

Deliverables

- Organise a debriefing session at the end of the contract to share prelim results and collect reactions from UNHCR staff
- Submit detailed reports on:
 - o Current electrical system and suggestions for improvement;
 - o Demand for electricity for each site including during peak periods in summer and in winter;
 - o The design for the electrical connexion of new prefabricated accommodation units;
 - o The design for the upgrade of electricity grid (if necessary), including costs and implementation arrangements;
- Respond to feedbacks from UNHCR after the submission of the final report

ESSENTIAL MINIMUM QUALIFICATIONS & PROFESSIONAL EXPERIENCE REQUIRED

- Electricity Engineer degree or equivalent.
- Experience in the setting-up of and in the assessment of electrical installations.
- Language skills: Written and spoken proficiency in English and local language.
- Familiarity with use and operation of office equipment.
- Good oral and written communication skills for understanding needs and explaining services.
- Ability to work in a challenging environment.
- Experience in construction and electrical designing, monitoring and evaluation.

DESIRABLE QUALIFICATIONS & COMPETENCIES

- Working experience in a refugee settlement.
- Knowledge of MS Office (Word, Excel, PowerPoint), Internet Explorer.

SUBMISSION OF APPLICATIONS

If you wish to be considered for this vacancy, please submit your **Personal History Form (P11)** (which can be downloaded from www.unhcr.org/recruit/p11new.doc) and **Motivation Letter** by e-mail with the vacancy title **Individual Consultant – Electricity 2016/HRC-002** in the subject line to: greatvac@unhcr.org no later than 10th November 2016. Only applications submitted by e-mail with a **signed P.11 form** will be considered. **Emails without vacancy title Individual Consultant – Electricity 2016/HRC-002 in the subject line will not be considered.**

Shortlisted candidates might be required to sit for a written test and will have to undergo an oral interview. Only shortlisted candidates will be notified. No late applications will be accepted.



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UNHCR is an equal opportunity employer and does not charge a fee at any stage of the recruitment process (application, interview meeting, processing, training or any other fees).

Deadline for submission of application: 10th November 2016.