

TERMS OF REFERENCE

Renewable Energy Resource Mapping: Researcher

Background

The Energy Sector Management Assistance Program (ESMAP) is developing a new initiative that would support country level mapping of renewable energy (RE) resources and associated spatial planning studies in World Bank client countries. The objective is to support the scaling up of renewable electricity generation by providing governments and the private sector with better information on country-wide resource potential, and to encourage the development of spatial planning frameworks to help guide the sustainable development of renewable energy resources.

Working through the World Bank regional energy units, ESMAP would aim to initiate at least three resource and spatial mapping studies in FY13; future years would be dependent on the available budget and level of demand. ESMAP would also develop best practice guidance and help establish framework agreements to support these activities and ensure high quality outputs. The initiative would include provision for ground-based data collection where necessary, with all outputs made publicly available according to 'open data' standards. ESMAP would also partner with the International Renewable Energy Agency (IRENA) and the Clean Energy Ministerial (CEM) Solar and Wind Multilateral Working Group to support efforts to create a global database of renewable energy resources.

Further details on the initiative can be found on the [ESMAP website](#), including links to other related resources.

As part of the scoping and development of this new initiative, ESMAP is looking to recruit a researcher on a Short Term Consultancy (STC) basis to carry out a stocktake of existing resource mapping data, support the preparation and approval of the Project Concept Note (PCN), and provide more general support to the team.

Responsibilities

1. Carry out a stocktake of existing resource data that looks into more depth at the work already done by the IRENA under their [Interactive Geographic Database](#) with a view to producing a summary by country of the current status in terms of scope, resolution, and quality of existing resource mapping studies, and also look at projects ongoing and those that may not be publicly reported. This will be a combination of desk-based research and face-to-face and telephone interviews with World Bank task team leaders, client country officials, and representatives from other development agencies. The output will be an input to the PCN, but may also be plugged back in to IRENA's Interactive Geographic Database. This work may be undertaken in partnership with IRENA.
2. Support with preparation of the PCN, including ad-hoc research and input to the terms of reference for the procurement of resource mapping services.
3. Support with the PCN peer review process, including the preparation of meeting minutes and the formal team response to comments received.

4. Support with the preparation of website material and guidance in coordination with ESMAP's communications team.
5. Provision of general coordination and support to the wider team.

Skills and experience required

- A Master's degree related to energy policy, renewable energy, or environmental assessment
- Excellent research and communication skills, including the ability to source, categorize and present complex information in a methodical way
- Ability to work independently with limited guidance, as part of a virtual team
- An understanding of the remit and operations of ESMAP and the World Bank
- Desirable: Familiarity with the concept of RE resource mapping, and experience of working within a large bureaucracy

Terms

This will be a Short Term Consultancy (STC) over an initial period of up to six months starting in August 2012. The total amount of input is expected to be around 100 days.

The successful applicant will be remunerated on a time only basis as per the normal procedures of the World Bank. Remuneration is expected to be set within the B1 salary scale for STC appointments, at or below the market reference point (\$317/day gross, \$242/day net)¹ for this grade depending on qualifications and experience. The successful applicant will be expected to work in the World Bank's offices in Washington DC, although may be required to use their own computer (laptop). Non-US nationals will be eligible for a G4 visa to allow entry to the US.

He/she will report to Oliver Knight (work program leader) for the duration of the assignment. The actual breakdown of tasks and a time schedule will be agreed once the work begins.

Further details on STC appointments can be obtained from the World Bank website at <http://go.worldbank.org/M1NAOOQ220>.

Application and selection

Interested applicants for this role are invited to submit their CV and a covering letter for consideration by Tuesday 31st July 2012. Applicants should include information on how soon they would be able to take up the role, and their availability over the next six months. Applications should be sent by email to Oliver Knight at oknight@worldbank.org.

Selection will be made soon after the application deadline by Oliver Knight in consultation with other members of the team.

¹ Non-US nationals, including U.S. Permanent Residents, hired as STCs at HQ will typically be paid on a net basis but are not subject to US income taxes.