



## &lt;Attachment 1&gt;

**JOB DESCRIPTION of World Friends Korea(WFK)-Advisor**

※ Please complete the form and mark on the box.

General Information	
■ Job Title	Water Planning Expert
■ Location, Country (eg : Vientiane, Laos)	Managua city, Nicaragua
■ Duration	<input type="checkbox"/> 6 months <input checked="" type="checkbox"/> 12 months
■ Expected Starting Date	<input type="checkbox"/> November 2016 ~ <input checked="" type="checkbox"/> December 2016 ~ <input type="checkbox"/> No preference
Detailed information of the requesting organization	
■ Organization Name : <i>Empresa Nicaragüense de Acueductos y Alcantarillados Sanitarios ( Nicaraguan Company of potable water and Sewer)</i> - Requesting Department : <i>Dirección de Planificación (Planning Management)</i>	
■ Type of Organization 1) <input checked="" type="checkbox"/> Government <input type="checkbox"/> Public organization <input type="checkbox"/> Public corporation <input type="checkbox"/> Others :	
■ Contact Person : <i>(Ing. José Iván García Olivera)</i>	
■ Tel/Fax/E-mail : <i>505 22653434, jose.garcia@enacal.com.ni</i>	
■ Office Location : <i>ENACAL central offices</i>	
■ Major activities of the Organization <i>(Please list at least three)</i> - <i>Research and analysis of water resources</i> - <i>Drinking water supply</i> - <i>Collection and treatment of domestic wastewater</i>	
■ Major activities of the department where WFK - Advisor will be dispatched - <i>Water resources planning</i> - <i>Prospective planning.</i> - <i>Identification of strategic investments</i> - <i>Management and execution of operational activities</i>	



■ Experience of working with WFK - Advisor

☐ Yes ☒ No

■ If yes, please describe the tasks of WFK - Advisor

**Description of Tasks \***

■ The tasks to be undertaken by the WFK - Advisor will be:

**Summary**

The Government of Reconciliation and National Unity of Nicaragua, has commissioned to its ministries and institutions with the assistance of the World Bank, to elaborate the National Plan of Water Resources (PNRH)<sup>1</sup>, that allows to establish an adequate management of the water resources, in order to ensure the Water supply, increase productivity through irrigation, industrial, hydroelectric development, and promote the sustainability of water resources. Within the context of the water goals committed in the National Human Development Plan.

Therefore, the government requires the knowledge of a specialist in water planning, who works full time in the advice and recommendations of the methodology used for the elaboration of the different products of the PNRH and working in the national office of the PNRH in ENACAL

■ Main duty of WFK - Advisor *(Please mark all that apply and type in detail)*

☒ Policy making and Strategic planning

- Communicate and interact with all levels of local and international authorities and organizations involved, in order to advise the legal analysis work of the water resources sector in the country

☒ Technical support

- To advise, in conjunction with international experts, the inter-institutional team within all project activities.

- Review information databases produced from the plan and propose improvements to them

<sup>1</sup> PNRH: acronym in Spanish PLAN NACIONAL DE RECURSOS HIDRICOS



**Propose improvements to the water balance methodology proposed in the Framework document for the development of the National Water Resources Plan.**

- To provide technical advisories and exchange of experiences

☒ Training of local staff

- In the day-to-day work, transmit knowledge in water resources management in order to train the personnel involved for this purpose

☐ Other

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### Expected Results/Output

■ Expected results/output of the tasks by the WFK - Advisor include:

- Advise the inter - institutional team at all stages of the National Water Resources Plan.
- Review, recommend and / or propose improvements to the methodology proposed for the determination of the national water balance.
- Create with national specialists a framework document of legal and inter-institutional aspects of the water sector, based on international experiences.
- Prepare a document with strategic projects, which will allow the implementation of the proposed actions, as results of the PNRH Document

### Required(Preferred) qualifications of WFK - Advisor

*(List the minimum essential qualifications required for the experts to successfully carry out this task)*

■ Gender

☐ Male      ☐ Female      ☒ No preference

■ Educational Background

*A professional with a master's degree in water planning is required, with experience in modeling water resources and managing geographic information systems. At least 15 years of experience in hydrology and hydrogeology, water resources management and management.*

\* Similar or other educational background will be fine if the selected expert has an ability to do the requested tasks

☒ Yes      ☐ No

■ Required Work Experience*(Specify work experience required for the experts)*

- At least 15 years of experience in hydrology and hydrogeology, water resources management and management.

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## Job Description



- \* Similar or related work experience will be fine if the selected expert has an ability to do the requested tasks

☒ Yes

☐ No

■ Language : *English / basic understanding of Spanish*

Reasons: *Basic Spanish knowledge is needed Because most of the relationship will be with native Spanish speakers.*

■ Other Requirements *(Identify desired skills or qualities for the task)*

- Excellent inter-personal and communication skills
- Knowledge of Spanish is an advantage, but not a requisite

### Description of the Workplace

■ Location of the workplace	- In the capital city, Managua. - Depending on the apartment residence within the capital, no more than half an hour by car_		
■ Information on the co-worker who will work closely with the WFK-Advisor	- Full Name (Mr./Ms.) : <i>Ing. Jose Iván Garcia Olivera</i> - Position/Work area : <i>Director of the ENACAL Planning Office</i> - Tel/E-mail : <i>jose.garcia@enacal.com.ni</i> - English Language Skill : <input checked="" type="checkbox"/> Basic <input type="checkbox"/> Intermediate <input type="checkbox"/> Advanced		
■ Administrative and financial arrangements to be provided by your organization for the WFK-Advisor	Items	Available	Not available
	Housing	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Transportation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Others (Mark if available)	<input checked="" type="checkbox"/> PC <input checked="" type="checkbox"/> Internet access	<input checked="" type="checkbox"/> Printer <input checked="" type="checkbox"/> Phone
■ Other information that may help the WFK-Advisor adapt to the local environment (Living conditions, weather, allowance, etc.)			

\* Once the experts are selected based on your request, you are required to cooperate with the Korean implementing agencies by providing the necessary administrative procedures such as visa, acceptance letter, etc. Without your cooperation, expert dispatching will not be available

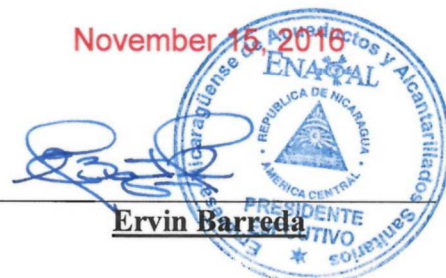


## Job Description



*and/or will be cancelled. Thank you for your cooperation.*

November 15, 2016



Ervin Barreda

**Executive Director of ENACAL**