<Attachment>

JOB DESCRIPTION and DUTIES of the MKE Experts

General Information	
Job Position	Advisor on Analysis on weather information
Organization Requesting	**■ Organization Name: Ministry of Environment and Natural Resources** **[환경자원부 기상관측 시스템]** **■ Contact Person: : Mr. Luis Estuardo RIOS G.** **■Tel/Fax/E-mail: 502+24230500, email: luiserios@marn.gob.gt** **■ Brief statement about the organization:** Ministry of Environment and Natural Resources is the entity of public sector specialized on environmental field, natural services of public sector. This entity is in charge to protect natural systems that develops and provides life in all their manifestations. Fostering a culture of respect and harmony with nature also protecting, preserving and utilizing rationally natural resources, with the purpose of achieve a development for future generations, relating areas has government, economics, social and environmental with the purpose of forge a Guatemala competitive, solidarity, equally, inclusive and participative.

Time of the expert's Arrival (Starting Date)	Duration of Activity
April 15th 2010	(06) months

Objectives
■ The overall objectives of the tasks by the expert are: - To develop an integrate system for weather monitoring, focused to the climatic variability. - To develop the link between climatic monitoring and geographical information systems. - To strengthen technical capacity of Ministry of Environment and Natural Resources.
Description of Work - Tasks

■ The tasks to be undertaken will be:

- To consolidate in a cooperative form with other institutions, links for development in a integrate system of weather monitoring.
- To elaborate the necessary interfaces to join weather monitoring with a system of geographical information of Ministry of Environment and Natural Resources..
- To develop a workshop for technicians from the Ministry with the main purpose to strengthen skills of weather monitoring and system information.
- To build an interactive environmental monitoring system that allows decisions making according to effects and vulnerability of climate change.
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Duties, Responsibilities and Expected Achievements

■ The responsibilities of the tasks are:

- With the information available, in the Ministry as in other institutions, to built a system of weather monitoring.
- To develop, at least one workshop with technicians from the Ministry with the main purpose to strengthen the skills related with geographical information and system of weather monitoring.
- Establish an interactive weather information system, useful for making decisions and identify vulnerable places facing the climate change.
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■ Expected results of the tasks include:

- A consolidate data base with weather information
- A system interactive of weather information
- Technical skills developed in the staff of the Ministry.

Description of the Workplace (Please mark the appropriate box)

■ Location of the workplace	Ministry of Enviroment and Natural Resources		
■ Administrative and financial arrangements to be provided by your organization	**Items**	**Available**	**Not available**
	Housing	□	x
	Office	x	□
	Transportation	x	□
	Internet access	x	□

■ **Other information that may help the expert adapt to the local environment**	The expert must be capable to communicate in Spanish language. Should have knowledge on weather information and develop interactive data base and interfaces with geographical information systems.

February 28th 2010

(Date of filling out the form)

Luis Estuardo RIOS G

(Name of the person in charge)

Coordinator of the Unit

(Position of the person)

Signature with official stamp