

INTRODUCTION

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The Ministry of Electricity and Water through the Ministry of Finance (MOF) seeks the services of an internationally recognized independent International Consulting firm (company) which has the following capability:

- 1- Specialized in power system planning and studies.
- 2- Experienced in using the PTI off line software program (PSS/E) and ASPEN One Liner for power Systems.
- 3- Specialized in electrical power systems interconnection with other countries and power system protection.
- 4- Management and functioning of the electrical power system operation and experience in using the Siemens Spectrum On Line Software system for Supervisory Control and Data Acquisition (SCADA) and Energy Management System comprising of Network Analysis, Generation Control & Scheduling including Interconnector Scheduling, Expert system and Dispatcher Training Simulation applications.

SPECIAL REQUIREMENTS & PROJECT SPECIFICATIONS

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The consultant company is to provide services of power system studies, operation and protection expert and specialist engineers to work with Ministry of Electricity & Water:

I. SCOPE OF SERVICES REQUIRED

The services required are broadly defined below but it is to be understood that they are not limited and the expert and specialist engineers will be required basically to work as Planning, Studies, Operation and Protection Engineers for the Kuwait Power System.

At the start of the services, the expert and specialist Engineers along with Ministry of Electricity & Water Engineers have to organize and to arrange the work schedules.

The Experts and specialists are required to be stationed in Kuwait throughout the contract period having the full back up support of their head offices.

During the progress of the services the experts and specialist will be required for solving the technical problems that will arise from time to time and prepare detailed reports and recommendations for the implementation of the solutions.

During the progress of the services the expert and specialist Engineers will train Ministry of Electricity & Water staff in different aspects of the power system planning, Studies, operation and protection.

Last but not least every 3 months separate comprehensive reports for each field of specialization have to be submitted to the Ministry of Electricity & Water.

Note: Expert Engineer: Trained by practice, skilful, person having special skill and knowledge.

Specialist Engineer: One who devotes himself to particular branch of a profession.

WORKING CONDITIONS REQUIRED:

- The Experts and specialists are required to be stationed in Kuwait throughout the contract period.
- The services will commence from the date of joining the duties of the experts / specialists in Kuwait and will last for 36 months. Ministry of Electricity & Water will have the right to terminate the contract of any or all the experts / specialists without assigning any reason and give one month notice of their intention to do so.
- The expert / specialist Engineers will be required to observe the Ministry of Electricity & Water official working hours for technical staff.
- The expert / specialist Engineers will observe the holidays only officially allowed for Ministry of Electricity & Water technical staff.
- Office facilities will be provided by Ministry of Electricity & Water.
- Paid annual leave for 30 working days per year will be granted to each expert / specialist in such a way that not more than one expert / specialist is on leave at a time and at any one time the Expert & Specialist Engineer of the same category will be on leave.
- No replacement during paid annual leave will be needed.
- Not more than one engineer will be allowed to proceed on leave from the same category