

## **GENERAL MANAGER – RESEARCH AND DEVELOPMENT**

### **DEFINITION:**

The purpose of this role is to coordinate research for the improvement of water management including irrigation, drainage and flood control within Sindh and development of SIDA authority to make it self sustainable. The SIDA will outsource most of the research and development studies to universities and research institutes.

### **SUPERVISION RECEIVED AND EXERCISED:**

General direction is provided by the Managing Director. This is a department head role within SIDA. Responsibilities include direct and indirect supervision of managers, professional, technical and clerical staff as assigned and manage the environmental section.

### **FUNCTIONS AND TASKS**

- Maintain up-to-date knowledge of any laws and regulations which relate to SIDA's responsibilities for Research and Development and keep SIDA in compliance;
- Prepare, monitor and manage the R&D budget;
- Setup an Advisory Committee for Research and Development with representative of stakeholders and research institutes, to discuss needs for Research and Development;
- Keep up to date with Water Management research in and outside Pakistan.
- Strengthen SIDA's knowledge base by collecting suitable publications (both from within Pakistan and from other parts of the world);
- In conjunction with advisory committee and in close collaboration with other managers within SIDA and the irrigation and drainage network, develop Research and Development program;
- Specify and outsource Research and Development projects to improve water management, irrigation, flood protection and drainage;
- Evaluate Research and Development results with advisory committee.
- As appropriate, disseminate research findings within SIDA, to SIDA's research partners and to the wider community;
- To deal with all environmental issues in the sector under the jurisdiction of SIDA, AWB, FOs.
- Research to identify the resources to make the SIDA sustainable in Development point of view
- Supervise and evaluate departmental support staff;
- All other duties as may be prescribed or request by the Board.

### **EXPERIENCE:**

Total 10 years' experience in relevant field, Responsible for coordinating the research and development strategy for the improvement of efficiency of the Irrigation and Drainage system in Sindh, and insure its sustainable implementation, through establishment and appropriate policy environment and institutional framework, and strengthen capacity of sector institutions

- Principles and practices of R&D as applied to water management including irrigation, drainage and flood protection.
- R&D methodologies
- Formulate, implement and update policies, studies and research programs for different issues of the irrigation and flood protection sector.
- Improving Sector Policies and Planning.
- Strengthening and technical foundations of knowledge base on Irrigation and Drainage, and improve the irrigation and Drainage infrastructure.
- Not less than 3 years experience in dealing with international Donor Funded Project.

Should have basic knowledge of procurement procedures of IDA/IBRD.

### **QUALIFICATION:**

Master's (Hydraulics, or Civil Engineering, or Agriculture Engineering, Environment or Natural Resources and Social Science)