

GOVERNMENT OF BALOCHISTAN

BALOCHISTAN INTEGRATED WATER RESOURCE MANAGEMENT AND DEVELOPMENT PROJECT (BIWRMDP)

HIRING OF WATER RESOURCE SPECIALIST

TERMS OF REFERENCE & REQUIRED QUALIFICATION

1. Objective of the Assignment

Balochistan Integrated Water Resources Management & Development is being implemented according to the vision of Government of Balochistan to enhance the livelihood of poor inhabitants of the province. The project is being executed by Irrigation Department as lead agency with participation of Agriculture, Forest & Wildlife, PHE and Environment Department. The project aims at strengthening the provincial government's capacity for water resources monitoring and management and to improve community-based water management for targeted irrigation schemes in Balochistan.

The project aims to invest in irrigation, potable water supply and flood protection infrastructure, watershed & rangeland management interventions and on farm water management. In addition, a component of the project is dedicated to institutional reforms to begin the transformation of water management in Balochistan from a narrow irrigation focus to an integrated multi-sectoral river basin planning and development approach. It will be achieved through institutional strengthening by implementing a professional development program, institutional reforms including new & improved legislation and investments in hydro-meteorological data and water information systems.

In realization of the need for better and coordinated management of water resources, in 2006, the Government of Balochistan adopted the Integrated Water Resource Management policy. However, implementation has not moved forward, and water resources management has not improved as envisioned. Indeed, water security remains low and climate change has the potential to further aggravate the current situation. As water insecurity is a threat across Pakistan, a Federal Water Policy was adopted in 2018 which stipulates IWRM as a national principle of water management. In response, updated water policies, laws and/or institutional arrangements in the provinces of Khyber Pakhtunkhwa, Punjab and Sindh have been or are being formulated. At the same time, Balochistan, with financial support of donors, has committed to review and potentially update its IWRM policy and; its legal framework and institutional setup.

As part of the Balochistan Integrated Water Resource Management and Development Project (BIWRMDP), in 2020, the World Bank financed initial independent reviews of the legal and institutional setup for sustainable water resources management in Balochistan. Such reviews were also encouraged by the National Water Policy, which recommended

(a) to review for updating all water-related acts; and (b) to review institutional arrangements to ensure all institutions have a clear mandate, a legal framework and a well-structured organization with clear responsibilities and accountability. The preliminary conclusions reached through this review include: (a) Balochistan needs to develop a dedicated WRM Law as the existing legislation based on the British era's Common Law does not create an appropriate legal basis for IWRM, including a lack of clear provisions on water allocation and secure water tenure; (b) updating of the IWRM policy would provide an opportunity to stipulate in greater details the scope and scale of required reforms; and (c) installing appropriate institutional framework should give effect to substantial reforms towards Integrated Water Resources Management.

To utilize the available funding under the World Bank's financed BIWRMD Project to update and to facilitate the implementation of 2006 IWRM Policy, the Irrigation Department is pursuing the following actions to ensure that water sector reform takes place in befitting manner:

- i. Prepare a draft Balochistan Water Resources Act; and
- ii. Develop an Institutional Reform Plan to enable implementation of an updated Balochistan IWRM Policy and the proposed provincial Water Resources Act

The Irrigation Department, who is primarily responsible for managing water resources with a focus on irrigation services, is leading the process of reforms and intends to establish a drafting group comprising of two leading international experts (water law, institutional development); and three national lead experts. The Drafting Group will (a) prepare background documents; (b) prepare a draft consultation plan for endorsement by responsible authority; (c) formulate/ updates the 2006 IWRM Policy; (d) prepare a Draft Balochistan Water Resources Act; (e) prepare an Institutional Reform plan, with short, medium and long-term actions and associated costs. The drafting group will work under the guidance of an interdepartmental technical committee chaired by Secretary Irrigation.

Accordingly, the project now intends to hire the services of Water Resource Specialist. The following sections provide the details of Terms of Reference, qualification and selectin procedure.

2. Tasks and required Outputs/Deliverable

Terms of Reference	Required Output/ Deliverable
<ul style="list-style-type: none"> • Review the 2006 IWRM policy of the Government of Balochistan and analyse the implementation status of the policy over the years. • Review any other relevant water related key document pertaining to 	<p>Summary Note of reviews, analysis and recommendations.</p> <p>Stakeholder Consultation reports</p> <p>Technical report documenting the gaps in the Balochistan water policy and</p>

Terms of Reference	Required Output/ Deliverable
<p>topics including climate change, irrigation, water information systems etc.</p> <ul style="list-style-type: none"> • Identify key constraints for lack of implementation of certain aspects of IWRM policy. • Lead the stakeholder consultation for updating the 2006 water policy. • Assist in updating the 2006 water policy including formulation of a legal framework for implementation of short, medium and long term actions of the policy. • Assist in the review of existing water legislation including stakeholder consultation to acquire first-hand knowledge regarding effectiveness of legislation. • Assist in the drafting/ preparation of Balochistan Water Resources Management Act and formulation of any other legal framework. • Review the existing capacity of the Departments responsible for water management and suggest improvements including short and long term trainings and suggest measures towards establishment of sustainable water management institutions. • Any other relevant task assigned by the Project Director relevant to the project or the Department of Irrigation. 	<p>proposing policy adaptations accounting for various water challenges.</p> <p>Technical note as contribution to the Balochistan Water Resources Management Act and formulation of any other legal framework.</p> <p>Capacity assessment report of Departments responsible for water management and recommendations to fill the existing gaps.</p> <p>Deliverable for any other tasks as determined by the Project Director.</p>

3. Qualification and Experience

Master's degree (at least eighteen years of education) in irrigation/water resources engineering/ water resource management. Minimum fifteen (15) years' experience in water sector particularly in the design and management of dams, flood and perennial irrigation projects. Exhibit a very good familiarity and knowledge of water, irrigation and drainage policies, strategies and laws of Balochistan Province and possess prior experience in contributing to policy review and design; and in capacity assessment. Knowledge or

experience in successful water policies elsewhere would be an added advantage. Possess good interpersonal skills, capacity to work with teams and organize stakeholder consultations.

4. Salary and Benefits

Market competitive salary based on qualification and experience that is within the Employer's budget, will be offered.

5. Time Frame of Consultancy & Nature of Engagement

The services of the Consultant are expected to be required for total period of 18 months on intermittent basis to gradually deliver specific outputs/deliverables.

6. Selection Process

The incumbent will be selected in accordance with the procedures set out in Section V of the World Bank Guidelines: Selection and Employment of Consultants by World Bank Borrowers [January 2011 (Revised July 2014) "Consultant Guidelines"]. The criteria developed for evaluation shall be in line with the required qualification, experience and terms of reference. Potential consultants are therefore advised to submit a detailed CV proving/listing the required qualification and experience stated in the preceding sections.