Terms of Reference

Sr. Project officer/ Research Associate, (Engineering/ Water Management) Recharge Pakistan

WWF-Pakistan

Reporting to : Senior Manager – Recharge Pakistan
Grade/Tier : C2 - Sr. Project Officer/ Research Associate – Recharge Pakistan
Duty Station : Lahore, Head Office / Karachi
Employment Contract : 4 months (Short term)
Work Week : 5 Days (Monday to Friday)- 40 hrs/week
Work Hours : 0830 hrs. to 1715 hrs.

Project Context:

WWF-Pakistan is actively working on water issues (Water Security, Water Stewardship and Wetlands Conservation) as well as promoting environmental awareness in the country. The vision of WWF-Pakistan’s freshwater programme is to conserve and sustainably manage freshwater habitats in Pakistan to benefit nature and people. The freshwater programme strives to maintain ecological health, hydrological processes and biological diversity in the Indus River Basin. The approach is based upon action and advocacy backed by science to ensure sustainable use of freshwater resources pertaining to development opportunities by keeping in perspective people-nature beneficiary angle.

In the context of water security, WWF-Pakistan is engaging several stakeholders including government agencies, private sector, civil society organizations on transboundary issues, being a science-based organization, a big advocate of environmental flows in the rivers of Indus basin. WWF-Pakistan’s core expertise exists in wetlands conservation, nature based solutions (NbS), water replenishment and stewardship, policy making, management planning and field based implementation of interventions in collaboration with communities and other partners and stakeholders across Pakistan.

WWF-Pakistan with the funding support of Green Climate Fund (GCF), intends to conduct a detailed feasibility assessment of the central Indus Wetlands (downstream Tarbela Dam to downstream Sukkur Barrage) under its flagship project, Recharge Pakistan. The purpose is to identify potential sites for floodplain and hill torrent management in order to store extra flood water, revive the adjoining wetlands, recharge ground aquifers and provide social and economic benefits to the local community. In order to achieve this, a range of studies are required to be conducted during this time by hiring suitable national and international consultants and firms.

Job Summary:

Position of Sr. Project Officer will be reporting to Senior Manager – Recharge Pakistan which will assist project team in reviewing the feasibility studies of the selected sites, including the following activities;
- Delineate the watersheds of proposed hill torrents using remote sensing applications.
- Develop flood inundation models of selected sites.
- Reviewing the site specific design drawings and BoQs.
- Assist the project team in arranging consultation meeting(s) with relevant stakeholders for identification of relevant project sites and prepare activity related logistical arrangements.
- Facilitate project team in reviewing hydrological and feasibility reports.

**Selection Criteria**

- Masters/MPhil in Environmental / Hydraulics/ water management.
- 3 - 5 years of experience in development related work, particularly in the water sector.
- Strong data management and analysis skills.

**Other Skills and Abilities:**

- Proficiency in hydrological modelling along with GIS and remote sensing tools.
- Proficiency in basic computer software, particularly in MS Office
- Aptitude for team work and field work;
- Excellent English and Urdu / local Language Skills (reading, writing and speaking skills).
- Knowledge and understanding of recording meeting minutes;
- Be able to communicate ideas and thoughts in a clear manner;
- Sensitivity to gender and other current social issues in Pakistan;
- Demonstrated advocacy skills;
- Adheres to WWF’s values, which are: Passionate & Optimistic, Challenging & Inspiring, Credible & Accountable, and Persevering & Delivering Results.