Reference Number:204/Unilever/25-26

RFP for Consultancy Services-WWF Pakistan

Subject:

Water Assessment & Hydrological Study for Water Stewardship Interventions – District Rahim Yar Khan

Application Submission: Application Submission: Interested consultants should submit the Proposal on the Application Form Available Online or can access through the following link:
https://forms.office.com/e/sxNStCNxPM

RFP – Consultancy Services

CONTENT

1) INTRODUCTION & BACKGROUND

Contract type: Consultancy and Services
Duration of assignment: 9 Weeks, Days starting from 16th January 2026

These are the ToRs for water assessment and hydrological study for implementing water stewardship initiatives to mitigate and adapt to shared water challenges for our partner located in Rahim Yar Khan. Our partner aims to replenish 125,000 m^3 of water annually in the Rahim Yar Khan in and around the factory. For a location (factory) a Water Stewardship Program includes implementing interventions/projects inside or outside the factory that either reduce, recycle or re-use the water (inside the factory) or conserve, replenish, improve the water footprint associated with the factory's operational water footprint, outside the walls of the factory. The outcomes of this study will provide the necessary data to implement the following interventions:

1. Floating Treatment Wetlands
2. Groundwater recharge well / recharge pits
3. Ablution water re-use systems
4. Water Course Lining

2) GENERAL CONDITIONS

1) The WWF-PAKISTAN reserves the right to reject or accept any proposal. The WWF-PAKISTAN reserves the right to proceed with the implementation of any Service, in whole or in part, as described in the Proposal.

2) The WWF-PAKISTAN reserves the right to engage in discussions with any BIDDER to clarify responses or discuss certain issues with regards to the proposal or services requested. The WWF-PAKISTAN has no obligation to notify the other BIDDERS of the discussions, clarifications, or other information provided by a BIDDER. Any additional information required for preparation of the BID shall be distributed to all participants at the same time.

3) The WWF-PAKISTAN reserves the right to award the proposal based on experience, qualification, completion date, service cost and other criteria, and not necessarily the lowest cost.

4) Based on the RFP BID the WWF-PAKISTAN is entitled to change/replace or omit any clause/part of the preliminary defined scope of services of the proposal.

5) The WWF-PAKISTAN reserves the right, in the event the successful CONSULTANT fails to comply with the terms and conditions as listed, to cancel this contract and award it to another CONSULTANT without penalty or action against the WWF-PAKISTAN. The RFP does not constitute an agreement or order.

6) The RFP is not a binding agreement between the parties, submission of a proposal or response by a proponent is voluntary.

7) By submitting a bid, the BIDDER is deemed to have acknowledged all the undertakings, specifications, terms and conditions, WWF Environmental & Social Safeguards (ESSF) & WWF Fraud and Corruption Prevention and Investigation Policy, and to be bound by them if the BID is accepted. All expenses incurred by the Bidder in connection with the preparation of its proposal are to be borne by the RFP participant, and the WWF-PAKISTAN shall not incur any obligation whatsoever toward the Bidder regardless of whether such bid is accepted or rejected.

3) PURPOSE OF CONSULTANCY

This study will result in an action plan for the implementation of above-mentioned measures. All interventions are included as part of the feasibility study as initial site assessments showed there is potential for implementation. However, after this study the exact type and number of interventions will be decided within the budget available for the project. The budget will be geared towards the most (cost)effective measures.
It will include:

- both conventional water sources i.e groundwater and surface water and non-conventional sources including rainwater/stormwater, treated wastewater, and untreated wastewater.
- the status of Water, Sanitation, and Hygiene (WASH) services, map pollution sources, evaluate public health risks associated with waterborne diseases, and identify opportunities for water reuse and aquifer recharge.

Rahim Yar Khan, located in southern Punjab, is a rapidly growing urban center with increasing industrial, agricultural, and domestic water demands. The city and its surrounding areas are experiencing pressure on water resources due to population growth, urban expansion, climate variability, and unsustainable water use practices. Our partner has taken substantial measures to reduce its water footprint by re-using wastewater and has been collaborating in multiple sustainability initiatives. This study aims to further improve water management practices at the Partner's premises and implement interventions in the direct surrounding of the factory to reduce shared water challenges.
WWF-Pakistan will focus this study on the following different areas:

- Scope 1: Partner's premises (for interventions 1, 2, 3)
- Scope 2: the canal inlet and 5 km upstream of the factory site (for intervention 4)
- Scope 3: 5 km surrounding the site (for interventions 1, 2, 3 and 4)
- Scope 4: area around Moh Mubarik wastewater stabilization ponds (additional activities)

Interventions	**Scope 01 (Partner's Premises)**	**Scope 02 (Canal Inlet and 5 km Upstream)**	**Scope 03 (5 km Radius surrounding the site)**	**Scope 04 (Moh Mubarik)**
Floating Treatment Wetland			☑	
Rain Accumulation	☑			
Treated Water Reuse	☑			
Ground Water Recharge	☑		☑	
Ablution Water Reuse	☑		☑	
Water Course Linning		☑	☑	
Additional Activities				☑

The findings will support partner's commitment to good water stewardship and contribute to broader regional efforts to enhance water security and climate resilience.

4) TASKS AND DELIVERABLES

The consultant(s) is expected to perform the following tasks and submit the following deliverables as per the timeline:

Activities for this study

Below provides the list of relevant activities prior to implementation of the proposed interventions.

1. Floating Treatment Wetlands

- Map treated and untreated wastewater discharges in Scope 3 & Scope 4 and assess their impact on freshwater resources and public health
- Clarify locations of wetland project, including physical scope maps and distance to factory.
- Prioritize areas where water quality is a challenge and poor water quality can lead to waterborne diseases and where community capacity / willingness is in place (or will be built) to undertake operation and maintenance.
- Carry out water quality tests to identify risks that will inform the type of treatment system required.
- Prepare engineering drawings for sceptic tank (first treatment system, including inlet and outlet) and wetland area including BoQs for the intervention.
- Include safety measures such as guard rails around the boundary of the septic tank and wetland area to prevent the risk of falling and drowning of the child and livestock etc. is an essential part of overall project.
- Assess the capacity of the community of the site to operate and maintain this intervention.
- Develop action plan for implementation of floating treatment wetlands in scope 3 and number of interventions.

2. On-site (factory assessment - Scope 1)

a. Rainwater accumulation assessment

- Rainwater assessment disaggregated by different sheds/rooftop section areas (Scope 1) indicating the slopes, type and roof area, and calculation of rainwater harvesting potential
- Assessment of existing rainwater conveyance (gutters / piping) from rooftop areas and suitability for rainwater harvesting and / or additional measures to be taken to improve conveyance systems
- Identification of potential areas of rainwater collection from roofs and ground surface (based on rainwater and surface water natural flow) during high rainfall (and flooding) events and feasible cost-effective storage. This includes rainwater harvesting tanks, lower depressions / ponds on the estate and factory ground
- Prepare Engineering drawings and BoQs for the intervention
- Evaluate the water replenishment potential under Scope 1
- Develop action plan for implementation of rainwater harvesting systems, including type and number of systems, timelines and level of effort for implementing the intervention

b. Treated RO water reuse assessment

- Assess Water Quality (From EPA certified lab) of R.O Reject Water being currently used for gardening and direct discharge and infiltration at the factory grounds and explore potential treatment measures to ensure safe use practice.
- Identify opportunities for safe water reuse after additional treatment including community capacity / willingness is in place (or will be built) to undertake operation and maintenance
- Prepare Engineering drawings and BoQs for the intervention
- Develop action plan for implementation of ablution water re-use systems, including type and number of systems, timelines and level of effort for implementing the intervention.

3. Groundwater Recharge well / Recharge pits

- Identify feasible sites for Aquifer Recharge within scope 1 and 3, also based on Rainwater accumulation assessment.
- Propose implementation plan with locations of groundwater recharge wells / pits in scope 1 and scope 3, including number of groundwater recharge wells with prioritization on Scope 1due to longer-term operation and maintenance.
- Evaluate the water replenishment potential of each site under Scope 1 and Scope 3 also based on safe groundwater replenishment.
- Prepare engineering drawings and BoQs for the interventions
- Develop action plan for implementation of groundwater recharge pits in scope 1 (priority) and 3 and number of interventions.

4. Ablution Water re-use systems

- Identify suitable sites for Ablution Water Reuse in Scope 1 and 3 at / around mosques for gardening, horticulture and other water re-use purposes
- Assess the capacity of the community/management team of the site to operate and maintain this intervention with water reuse in horticulture in/around the mosque
- Prepare engineering drawings and BoQs for the intervention
- Evaluate the water re-use potential of each site under Scope 1 and Scope 3
- Develop action plan for implementation of Ablution Water re-use systems including type and number of systems, timelines and level of effort for implementing the intervention. Since it may have social implications as well and must be properly recognized and considered while developing the implementation plan so that it not only mitigate the risk but also allows to have an improved social outreach as well.

5. Water Course Lining

- Identify suitable site for the water course lining in agricultural fields in scope 3 where water scarcity is a challenge
- Include map indicating location of project, with physical scope and factory location
- Prepare Engineering drawings and BoQs for the intervention

- Evaluate the reduction of water leakages and water use efficiency potential of this intervention under Scope 1 and Scope 3

- Develop action plan and level of effort for implementing the intervention, including the location

Additional activities around Moh Mubarik ponds

- Identify hotspots for groundwater contamination at scope 4 (to know: Moh Mubarik) based on public sources and consultation with key stakeholders.
- Evaluate public health risks from groundwater contamination and its potential implications for the factory and around scope 4 and recommend mitigation strategies based on water quality and sanitation conditions.

Plan

	Timeline in weeks											
Steps	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12
Onboarding (Requesting applications, ranking & finalization)												
Site Assessments & Feasibility including testing for interventions												
Technical Documents including BoQs, Engineering Drawings for interventions												
Action Plans for interventions												
Finalization & approval of deliverables												

Deliverables

1. Assessment and action plan along with BoQs and drawings of floating Treatment Wetlands.
2. Assessment and action plan along with BoQs and drawings of groundwater recharge well / recharge pits.
3. Assessment and action plan along with BoQs and drawings of ablution water re-use systems.
4. Assessment and action plan along with BoQs and drawings of Water Course lining.
5. Assessment and action plan for rainwater accumulation mitigation and existing treated water reuse
6. Short report with mitigation strategies on water quality and sanitation surrounding the Moh Mubarik wastewater stabilization ponds.

5) PROJECT/ ASSIGNMENT TIMELINE

Duration of assignment: 9 Weeks, Days starting from 16th January 2026

6) REQUIREMENTS

The interested consultant(s) should meet the following criteria:

Minimum requirements

- **Education:** The consultant firm should have the following experts:
  1. Hydrologist/Water Management Specialist & should have a PhD or Master's degree in Water Resources Engineering/Civil Engineering and any other relevant degree. At least 10 years' experience in conducting hydrological assessment & Catchment studies using distributed hydrologic simulation model with preferrable prior experience in water resources of South Punjab

2. Civil Engineer having 05 years of experience with water structures related to irrigation and experience of 2 years in green infrastructure for water
3. Climate Change Specialist: Master's Degree in Environmental Engineering / Climate Change or any other related degree with at least 5 years' experience
4. Agronomist: PhD/Masters Degree in Agriculture Engineering /Agronomy Expert or any other related degree with at least 5 years' experience in plains and desert areas

- **Skills:** GIS, Data analysis and interpretation, report writing and surveying skills in agricultural areas

7) CORRESPONDENCE & SUBMISSION OF PROPOSAL

Application Submission: Application Submission: Interested consultants should submit the Proposal on the Application Form Available Online or can access through the following link: https://forms.office.com/e/sxNStCNxPM

1. Interested consultants should submit the technical and financial Proposal to

To: Faiza khan (fkhan@wwf.org.pk)
Cc: Assad Ullah (assadullah@wwf.org.pk)
Ali Amjad (aamjad@wwf.org.pk)

2. The proposal submission deadline is mentioned on WWF-Website.
3. Any information and responses to enquiries will be made in writing and distributed by email to all proponents. Enquiries after the foregoing deadline will not receive a response.

8) FORMAT OF THE PROPOSAL

The BID submitted by the participant must be structured as per the below provided instructions:

1) **Application Form available at WWF-Website -** General information about the Bidder, covering qualification, experience and CV.
2) **Experience:**
   a) **Description of the complete projects:** the list and general information about the complete projects, description of the role in the project, other accomplishments of the Consultant.
3) **Proposal outlining scope of consultancy service-** Description of scope and working process, stages, deliverables, exclusions, conditions, methodology
4) **Service Provision Timeline –** Provide Detailed Work Plan as per Deliverable and TORs.
5) **Financial Proposal-** the prices shall be provided in Pak Rs, the total price must be inclusive of all types of applicable taxes

Note:
Templates of all Information is provided on Application form available at WWF-Pakistan's Website. Any Additional Information related to the RFP can be attached along with application Form.

9) FINANCIAL PROPOSAL

The proposed prices shall be provided in PKR, the total price must be inclusive of all types of applicable taxes.

The prices will include all the Travel, Boarding & Lodging and other expenses

The payment terms shall be defined through the contract to be signed between WWF -Pakistan and the consultant.

10) EVALUATION PROCESS

Applicants' proposal shall be evaluated based on Quality and Cost Based Selection (QCBS) method. Under QCBS both technical and financial proposals shall be evaluated as per following criteria for a maximum score of 100 points.

a) Technical Proposal 70%

b) Financial Proposal 30%

The following criteria shall be used as a basis for evaluation of technical proposals:

Qualifications (maximum 30 points)

- Experience relevant to the assignment (maximum 30 points)
- Adequacy of the proposed methodology and work plan (maximum 20 points)
- Skills & Competencies for the assignment (maximum 10 points)
- Prior experience with WWF-Pakistan (maximum 10 points)

Note: Late/ incomplete submissions will not be accepted. Only three (03) top-ranked firms will be included in the comparative process

11) DOCUMENTATION AND CONFIDENTIALITY

All documents completed based on requirements of the present RFP shall be the property of the WWF-Pakistan and shall not, without the consent of the WWF-Pakistan, be used, reproduced or made available to third parties beyond what is necessary in respect of the fulfilment of the Project.

Budget:

PKR 2,000,000/- inclusive of tax and out-of-pocket expenses.