

Government of the People's Republic of Bangladesh  
Host and Rohingya Enhancement of Lives Project (HELP)  
Department of Public Health Engineering (DPHE)

Terms of Reference (TOR)  
Position: Water Supply Consultant  
Package no. SD-3

### Background

The Government of the People's Republic of Bangladesh (GoB) has received a grant and credit from the International Development Association (IDA) to finance the Host and Rohingya Enhancement of Lives Project (HELP). The project is being implemented by the Department of Public Health Engineering (DPHE) under the Ministry of Local Government, Rural Development, and Cooperatives (MLGRD&C). The Project Management Unit (PMU) is tasked with overseeing the project to ensure that funds are utilized efficiently, exclusively for their intended purposes, and in full compliance with the Borrower's obligations. To support effective water supply issue, DPHE intends to allocate a portion of the grant and credit to engage a Water Supply Consultant, in accordance with the World Bank Procurement Regulations.

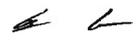
### Objective

The objective of the assignment for the "Water Supply Consultant" is to provide expert technical guidance, ensure effective planning and execution of water supply-related activities, and support the smooth and timely implementation of project objectives.

### Responsibility

The specific tasks/responsibility for the Consultant:

- Supervise and guide all the activities related to engineering design of the water supply system, including water source/availability options from production wells for ground water and/or intake for surface water; appropriate treatment technology; pumping facilities; storage options; transmission and distribution pipe network; and service connection to consumers.
- Assist the Project director to finalize the site of water option in collaboration with other team members.
- Finalize/re-design/modify (if required during implementation) the process/hydraulic design of water supply system including analysis of water distribution network using appropriate software.
- Assist Project Director on issues related to implementation and supervision of field works and to review & ascertain/ensure quantity and quality of work;
- Assist the Project Director to supervise the activities of different consultants of Technical;
- Support Unit and other consultancy services to ensure better integration and performance, strict adherence to specification and quality of works at the field;
- Prepare sub-project appraisal reports with support from different consultants;
- Assist Project Director to ensure that the Project and the sub-projects are implemented in accordance with the Project Implementation Manual, the Project Appraisal Document, the Loan Agreement, as well as concerned operational policies of the World Bank.
- Assist Project Director in working out the critical O&M needs of the project
- Coordinate with the other specialists/consultants who would be involved in analysing and designing the water supply and sanitation facilities.
- Assist the Project Director in the project-related activities and reporting as needed to implement the project smoothly.

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## Key Qualifications of Consultant

The consultant for this activity shall have the following minimum qualifications:

### a) Educational Qualification

Minimum M.Sc in Civil/Water Resources/Environmental Engineering from any reputed recognized university.

### b) Experience

- At least 15 years of experience in any government/ semi government/ autonomous sector or in any development projects on preparing master plans and feasibility studies, design and implementation of large-scale water supply scheme.
- Minimum 10 (ten) years of relevant working experience in development project on piped water supply activities especially in Bangladesh or similar regions.
- A minimum of 5 years of experience working on projects funded by the World Bank, ADB, or other development partners is preferred.
- Working experience in preparation of process/hydraulic design of water supply system.
- Having experience in field level supervision for construction of water supply system (from water source to household connection)
- Strong familiarity with national water policy, National Arsenic Mitigation Policy and WB's Environmental guidelines are desired.
- Preference will be given to candidates with experience working on projects related to Forcibly Displaced Myanmar Nationals (FDMN).
- Fluency in English, both oral and written.
- Competence in relevant report writing.

### Duration of the Assignment

The consultant shall provide services for a period of 42 months or until the project closing date, whichever occurs earlier. The duration of the assignment may be extended based on the consultant's performance, budget availability, and project requirements.

### Institutional Arrangement

The consultant will work primarily at the Project Management Unit (PMU) office in Dhaka and the Regional Project Management Unit (RPMU) office in Cox's Bazar, providing support to both locations as needed. The consultant will operate under the direct supervision of the Project Director or Deputy Project Director (DPD) and will collaborate closely with other project officials.

### Counter Facilities

The project will provide office space and necessary logistical support in line with project provisions. Relevant documents, papers, and information required for the assignment will be made available or accessible to the consultant.

### Reporting Obligations

- Necessary Reports according to Scope of Works
- Process flow & hydraulic design report of water supply system of the components and sub-projects;
- Monthly Activity Report
- Technical reports, Design, Drawing, O&M report, Sub-project, implementation manual etc as per requirement.
- Any other reports as required by PMU.

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**Source of Fund**

The project is jointly financed by the Government of Bangladesh (GoB) and the International Development Association (IDA).

**Mode of Payment:**

Payments will be made on a monthly basis, subject to the submission of a valid invoice by the consultant.

**Selection Method:**

The consultant will be selected and contracted in accordance with the "Individual Consultant (IC) – Open" selection method outlined in the World Bank Procurement Regulations for IPF Borrowers, as updated in September 2023.

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**Approved**

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