

Host and Rohingya Enhancement of Lives Project (HELP)
Department of Public Health Engineering (DPHE)
Terms of Reference (TOR)
Position: Fecal Sludge and Solid Waste Management Consultant
Package no. HELP/SD-8

1. INTRODUCTION AND BACKGROUND

The Government of the People's Republic of Bangladesh (GoB) has received a grant and loan from the International Development Association (IDA) for the Host and Rohingya Enhancement of Lives Project (HELP) through a Multi-Sectoral Approach, Department of Public Health Engineering (DPHE) under Ministry of Local Government, Rural Development and Cooperatives (MLGRD&C) is one of the implementing agencies of the project. The Project Implementation Unit (PIU) is responsible for managing the project in line with the Borrower's obligations to ensure efficient use of funds for the intended purposes.

To support effective sanitation and waste management services in the FDMN camps and host communities, the project will establish four Integrated Waste Management Plants (solid waste and fecal sludge) in Rohingya camps and three in host communities. Additionally, the HELP project also covers the operation and maintenance of existing Fecal Sludge Treatment Plants (FSTPs) and Solid Waste Management (SWM) facilities established under the Emergency Multi-Sector Rohingya Crisis Response Project.

DPHE intends to apply a part of the proceeds of this grant for a Fecal Sludge and Solid Waste Management Consultant as an intermittent basis in accordance with the World Bank Procurement Regulations.

2. OBJECTIVE/S

The main objectives of this service are:

- Ensure quality assurance and effective implementation of FSM and SWM activities under the HELP project, particularly within FDMN camps and host communities.
- Provide strategic guidance and technical inputs for planning, implementation, supervision, and monitoring of the entire sanitation service chain—from containment to safe disposal.
- Strengthen capacity, knowledge management, and stakeholder coordination on FSM-SWM interventions to ensure sustainable and environmentally safe practices.

3. Scope of the work

The scope of the work of the consultant include but not limited to the following. The key objectives of the assignments are:

- Strengthen all stages of the sanitation chain, from containment to final disposal. Evaluate containment structures and desludging safety, and optimize sludge transport logistics and recycling and reuse.
- Conduct waste generation and characterization studies, analyze seasonal trends, and

support capacity planning for efficient treatment operations.

- Monitor ongoing processes of operation and maintenance of the FSM and SWM interventions in the project area and develop monthly progress summaries for sharing with Project Team;
- Establish monitoring indicators (e.g., sludge volumes treated, waste diverted from landfill, service coverage) and reporting tools for real-time performance tracking.
- Prepare monthly technical reports summarizing operational status, challenges, mitigation actions, and compliance with environmental and social safeguards
- Collect/draft Best Practices case-studies related to FSM and SWM and bring in verifying mechanism in place at the upazila levels;
- Collaborate with BCC partners to develop and adapt behavior change communication (BCC) materials, training manuals, and public engagement tools tailored to FSM and SWM.
- Deliver capacity-building sessions to local authorities, contractors, and community-based organizations on proper O&M practices and occupational health and safety (OHS) measures.
- Document and disseminate best practices, innovations, and lessons learned in FSM-SWM service delivery models. Support Project Director (PD) in supervision of FSM- SWM packages operational under this project, provide backstopping services for the project in FSM and SWM
- Coordination and communication with DPHE, design firm, supervision firm, BCC firm and the contractors
- Provide support for the promotion of safe, environmentally and socially sound sanitary practices in the Camps and Host Communities, and helps providing capacity building and knowledge management.
- Strengthen capacity of Local Government Institution (LGI) and other government institutions in planning and implementation of effective urban/ peri-urban Sanitation and Hygiene interventions;
- Participate in the joint review meeting at upazila/ district/ divisional level
- Join meeting conducting either in person or through video conferencing in regular WASH sector meetings at FDMN camp
- Conduct literature review, analyze data and prepare/update situation analysis reports for sharing with Project and World Bank (WB) teams as and when required;
- Submit report on the overall assignment as per instruction of Project Director.
- Any other relevant works as required by the Authority

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5. DURATION OF THE ASSIGNMENT

The consultant will provide services for a total of 30 months over a 36-month contract period, with engagement occurring intermittently according to project demands.

6. COUNTERPERT SUPPORT

The Consultant, stationed at PMU/RPMU, will report directly to the Project Director and collaborate with project teams. Provided with office space and equipment, the Consultant will conduct mandatory field visits to FDMN camps and host communities, ensuring accountability for all deliverables.

7. QUALIFICATION AND EXPERIENCES OF INDIVIDUAL CONSULTANT (IC):

The Consultant should have the following qualification and experiences:

- Masters in Chemistry/ Bio-Chemistry / Environmental Science/ Environmental Engineering/Sanitation Engineering or a relevant degree from a recognized University.
- At least 15 years of working experience in sanitation, waste management, SWM & FSM related areas, in any government/ semi government/autonomous/ international organizations or in any donor funded projects.
- At least 5 years of experience working in World Bank or other MDB/ funded projects with a focus on FSM and SWM planning, design, and operations.
- Preference will be given to the candidate having experiences in the related field with refugee camp, crisis areas and complex context in home or in abroad.
- Specialized training or certifications in Fecal Sludge Management (FSM), Solid Waste Management (SWM), or Sanitation systems will be considered an advantage.

Reporting Obligations

- I. Monthly Activity Report;
- II. FSM, WSM supporting reports aligned with the scope of works and other necessary reports as per requirements of the Project;
- III. Final/Completion Report.

8. SOURCE OF FUNDING

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

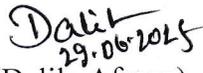
9. MODE OF PAYMENT

Payment shall be made on a monthly basis, subject to:

- Submission of verified service outputs;
- Acceptance of monthly reports and deliverables;
- Formal approval by the project authority.

10. PROCUREMENT/HIRING METHOD

The Consultant will be hired and contracted as per the "Individual Consultant (IC)-Open" Selection method of The World Bank Procurement Regulation for IPF Borrowers, updated September 2023.


29.06.2025

(Dalila Afroze)
Executive Engineer,
Arsenic Management Division &
Member, ToR Committee, DPHE.


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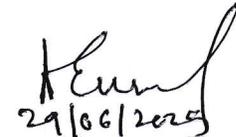
(Md. Shafikul Alam)
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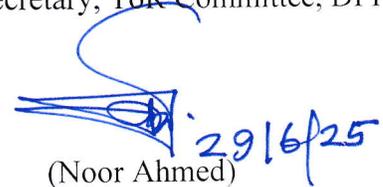
(Sharmistha Debnath)
Executive Engineer
Design Division &
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(Shishir Kumar Biswas)
Executive Engineer
SIR Division &
Member Secretary, ToR Committee, DPHE.


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(Mohammed Anwar Eusuf)
Superintending Engineer
Planning Circle &
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(Noor Ahmed)
Project Director, DPHE
Host and Rohingya Enhancement of Lives
Project (HELP) &
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(Bidhan Chandra Dey)
Superintending Engineer
Ground Water Circle & Convener,
ToR Committee, DPHE.