

20 August 2025

Request for expression of Interest

Development of a climate resilient WASH design manual

EOI submission deadline:

Interested consulting firm(s)/company(s) are requested to submit completed EOI form using this **form** with additional documents through email at WaterAid-Tender-TA@wateraid.org by **12 PM on 01 September 2025**

The focal person for this assignment is Mehnaz Sultana, Technical Associate, WaterAid Bangladesh (email: mehnazsultana@wateraid.org) to answer queries.



Bangladesh Country Office
House 97/B, Road 25, Block A
Banani, Dhaka 1213
Tel: 09611-678965, Fax: +88 02 9882577

Background:

WaterAid Bangladesh, an international not-for-profit organisation determined to make clean water, decent toilets and good hygiene available for everyone, everywhere by 2030, invites experienced and qualified consulting firm(s)/company(s) to submit their **Expression of interest (EOI)** to develop a comprehensive **Climate Resilient WASH (water, sanitation and hygiene) Design Manual**.

With increasing climate threats and the need for sustainable service delivery, WaterAid Bangladesh recognises the importance of establishing technically sound, context-specific, and climate-resilient standards for WASH infrastructure. The aim of this assignment is to develop a comprehensive and contextual design manual to guide the design and constructions of WASH infrastructures in different region of Bangladesh. This manual will depict the service level, resilience, sustainability and accessibility of services provided through WaterAid Bangladesh projects. The assignment will be commissioned in phases for different components e.g. climate resilient water infrastructure design manual, climate resilient sanitation infrastructure design manual etc.

Objectives:

- Comprehensive assessment of existing WASH infrastructures constructed by WaterAid Bangladesh based on FIETS (Financial, Institutional, Environmental, Technical, and Social) approach to sustainability analysis.
- Literature review of existing guidelines and documents including but not limited to Sectoral Development Plan, Bangladesh Delta Plan 2100 (BDP 2100), National Adaptation Plan etc to develop design criteria, considering projected climate vulnerabilities over the next 10–15 years, thereby ensuring long-term resilience of infrastructures.
- Development of complete designs, drawings, calculation, estimations for selected technologies (unit design/model design). In this process, WaterAid will provide existing design documents for technologies already existing in the current design manual.
- Detailed standard operating procedure (SOP) for the routine operation and maintenance of designed technologies.

The resulting design manual will serve as a practical roadmap for implementing partners, engineers and development actors, guiding infrastructure planning, construction, and operation and maintenance.

The purpose of this **Request for expression of interest (EOI)** is to identify and shortlist consulting firm(s)/company(s) capable of carrying out this assignment phase by phase.

The following eligibility criteria will be considered for evaluation. Consulting firm(s)/company(s) that do not meet these criteria will not be selected. Shortlisted applicants will be invited to participate in a subsequent **Request for proposal (RFP)** process for final selection and contracting.

Description	Requirement
Years in operation	Minimum 5 years of operation.
Relevant experience	Conducting technical assessment of infrastructures, analysis of technical designs, climate resilient infrastructures design & drawing, guideline/manual development, design calculations, 3D design, water quality assessment, knowledge on FIETS (Financial, Institutional, Environmental, Technical, and Social) sustainability analysis of infrastructures, knowledge on WASH.
Team composition	Multidisciplinary team including but not limited to civil engineers, environmental engineers, architects, GIS professionals, data analysis professionals, climate change professionals, social science professionals, water resource engineers, geologists.
Organisational profile	Profile, key personnel, relevant previous experience.

Submission details

- Details should be provided through this [form](#).
- Additionally, the following documents should be sent via email in a ZIP folder to WaterAid-Tender-TA@wateraid.org with the subject line clearly marked as **“EOI – climate resilient WASH design manual submissions”**
 1. Cover letter
 2. Earliest as well as current valid trade license
 3. Business identification number (BIN)

4. VAT & tax registration certificates
 5. Signed CVs of resource personnels
- The Expression of interest (EOI) and any supporting documents must be submitted no later than 12 PM on 1 September 2025. Submissions received after the deadline will not be considered.
 - Interested consulting firm(s)/company(s) can joint venture for this assignment. Any joint venture will have to be carried forward for the full engagement period of the EOI.

WaterAid Bangladesh reserves the right to accept or reject any or all the EOIs or cancel the EOI process at any stage without assigning any reason whatsoever and without incurring any liability to the affected applicants.