

**TERMS OF REFERENCE FOR CONSULTANTS
FOR CONSULTANCY SERVICES FOR
STRENGTHENING ACCESS OF WOMEN AND VULNERABLE GROUPS IN SELECTED SLUMS
TO IMPROVE WATER AND SANITATION SERVICES
FOR
ASIAN DEVELOPMENT FUND (ADF) GRANT**

A. BACKGROUND

I. PROJECT DESCRIPTION

1. The estimated slum population of Dhaka city by 2020 is about 20 million. The conditions in the slums of Dhaka are worse than in most rural areas, in terms of insecurity of housing tenure, lack of safe and affordable household-level services, such as water and sanitation, and higher prevalence of gender-based violence (GBV). As women are traditionally primarily responsible for household management, they bear the brunt of these poor services in the slums. The incidence of GBV, with women and girls composing the majority of victims, tends to increase during natural and health-related disasters, such as during the lockdown due to the COVID-19 pandemic, and result in decreased access to services, disruption of social, economic, and protective networks, sudden changes in family functioning, stress and increased substance use. As per the commitment to SDG 11, Government of Bangladesh (GOB) is committed to provide access to clean water and sanitation as well as affordable urban housing for all, with emphasis on low-income communities and slum dwellers.

2. Asian Development Bank (ADB) proposes to allocate a grant from the Asian Development Fund (ADF) to strengthen the access of women and vulnerable groups in low income communities (LICs) to water and sanitation services and to promote their empowerment as a response against the corona virus disease 2019 (COVID-19) pandemic. The ADF grant is proposed to be included in the additional financing of Dhaka Environmentally Sustainable Water Supply Project (DESWSP), which is being supported by an ADB loan. The proposed ADF grant will support promoting agency and empowerment of vulnerable women and groups in underserved areas. The ADF grant project (the project) aims to

- (i) Provide safe, affordable, and sustainable water and sanitation services at community and household level;
- (ii) Support the expansion of the gender equality strategy and the development of disaster management plans of Dhaka Water Supply and Sewerage Authority (DWASA) to include the legal empowerment of vulnerable women and groups related to access to water and sanitation services; and
- (iii) Strengthen women's effective representation in the selected project area in community-based structures for greater access to basic services and the elimination of GBV.

3. This project aims to improve access to water and sanitation and promote legal empowerment of women and vulnerable groups in low-income slum communities in DESWSP's commanding and surrounding areas in Dhaka through the achievement of three outputs:

- (i) Access of women and vulnerable groups in selected slums to improved water and sanitation services strengthened,



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- (ii) Sectoral policies, planning, and capacity for gender-responsive and socially inclusive responses to WASH challenges strengthened, and
- (iii) Participation of women and vulnerable groups in water, sanitation, and slum governance strengthened and mechanisms for their legal empowerment developed.

4. PROJECT STRUCTURE.

DWASA is the executing agency of DESWSP. The same Project Management Unit (PMU) of DESWSP will manage and implement the project activities supported by the ADF grant. In this regard, a project coordinator will be recruited to coordinate with the social awareness, legal empowerment consulting NGO/ Firm and the individual consultants. DESWSP PMU provided the long list of slum situated in DESWSP project area along with the location as shown in Appendix A.

II. CONSULTING SERVICES

5. For output 1, in collaboration with DWASA under DESWSP, context specific civil works on safe water and sanitation technologies that improve environmental and public health at community and household level in selected slums will be implemented. At least 1,000 community toilets with separate male/female and bathing chambers benefitting 10,000 households in low-income communities will be constructed. However, it is primarily planned to construct 800 units of toilet blocks having three individual toilets in each blocks, which will yield construction of up to 2400 individual toilets. Among the toilets 50% can be allocated for women/girls and 40% for men/boys as women tend to use toilets more often than men and 10% for the disabled people, elderly people of all-gender considering the need of persons with disabilities in the design of the toilets. All-gender may be for a bigger LICs where they are higher needs. Some units may be for women only (all 3 toilets for women) if there is enough land for more than 2 units; 1 unit for women only and one nearby unit can be for men as well. Among 800 locations some can be rehabilitation of existing community toilets. In case of existing toilet rehabilitation, the contractor will provide alternative toilet arrangement including their operation and maintenance during construction period through civil works contracts.

6. Specific Individual Consultant will be recruited to design and procure the civil works contract. While DWASA will supervise the implementation of the civil works contracts. The legal rights of households in informal settlements to access safe and clean water, the issues related to tariff, cost of water and minimizing misuse of water and legal implications would be addressed. Women from the community will be formed into, or engaged in existing, Water User Group (WUG)s and oriented on their basic rights to clean and safe water and be skilled to negotiate with DWASA a consulting NGO/ Firm will closely work with the legal empowerment to ensure the issues related to legal rights of slum communities.

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7. The consulting NGO/Firm will develop
- (i) Gender-responsive and socially inclusive emergency response plans the gender needs and constraints voiced by slum dwellers as resulting from or aggravated by COVID-19;
 - (ii) Training programs that address the gendered risks faced during COVID-19- by slum-based health para-medicals, volunteers, first responders; and social, waste, service, domestic and security workers;
 - (iii) Preparation of gender-responsive COVID-19 communication strategy and tools to address the needs and constraints faced by women and vulnerable groups; and
 - (iv) Gender-responsive COVID-19 community awareness campaigns targeting vulnerable women and groups.

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INDIVIDUAL CONSULTANT

ENVIRONMENTAL EXPERT

1.1 OBJECTIVES OF THE CONSULTANCY SERVICES.

The Consultant will provide support to PMU of DESWSP in preparation and implementation of environmental safeguard requirements of ADB and GOB for the components under ADF fund of the DESWSP. The consultant will work for implementation of the civil works part i.e. sustainable community toilets and bathing facilities with separate male and female arrangements considering appropriate faecal sludge management option of onsite or piped sewer. He/she will work closely with other consultants and prepare technical and environmental safeguards due diligence for the proposed system as per ADB's SPS 2009 and country's environmental policy requirement. The Consultant will conduct necessary community consultation on environmental safeguard issues for implementation of the proposed system.

1.2 SCOPE OF WORK OF THE CONSULTANCY SERVICES.

The scope of the work of the Environmental Expert is to ensure that all outputs to comply with ADB Safeguard Policy Statement (SPS), 2009 and ADB's public disclosure requirements, particularly the need for environmental assessments consistent with environmental safeguards requirements of the SPS.

- 1.3 The Environmental Safeguards consultant will work closely with individual consultants in conducting
- (i) Design of sustainable community toilets and bathing facilities with separate male and female arrangements considering appropriate faecal sludge management option of onsite or piped sewer and
 - (ii) Design of storage (septic tank, if necessary), complete treatment and disposal of the faecal sludge in case of onsite option is chosen. The consultant should ensure that the construction of civil works will:
 - o Avoid adverse environmental impacts.
 - o Give due attention to environmental safeguards consideration in design of the proposed works.

1.4 INDICATIVE STAFFING REQUIREMENT.

The Consultant will be engaged under the established Project Management Unit (PMU) of DESWSP. The Consultant's major responsibility will be the identification of any environmental safeguard issues in construction of toilets and bathing facilities in slum areas as per the selected options and completed design. The Consultant will also support PMU in implementing approved environmental requirements (EIA/IEE and EMP). The Consultant will prepare necessary due diligence as per ADB's SPS 2009 and country's environmental policy requirement. This Consultancy Services will be for **10 man-months period** (Intermittent).



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1.4.1 EXPECTED DELIVERABLES/OUTPUTS:

- (i) Inception Report;
- (ii) Environmental Safeguard documentation (EIA/IEE and EMP)
- (iii) Environmental Monitoring Reports (Baseline Report and Semi-annual Environmental Monitoring Reports)

1.5 MINIMUM QUALIFICATION REQUIREMENT.

- Should be Graduate in Civil Engineering, environmental engineering, urban planning / or similar/relevant discipline.

OVERALL EXPERIENCE:

- Must have 15 years overall working experience in environmental/development field.

SPECIFIC EXPERIENCE

1. Must have at least 07 years working experience in urban water supply and sanitation related project.
2. Work experience in the project funded by international donor including ADB would be preferable.
3. Must be capable for formulating environmental management Plans (EMPs) for the different component of the civil works in line with ADB requirements.
4. Must be capable to monitor the contractors Environmental Management Plan (CEMP).

1.6 DUTIES AND RESPONSIBILITIES:

Environmental Safeguard Expert will be responsible for carrying out the following principle tasks in association with individual consultants, consulting NGOs/Firms, and implementing agency:




- (i) Conduct consultations/discussions with environmental regulatory agencies and other stakeholders;
- (ii) Identifying all applicable and relevant national laws, regulations, policies and guidelines and preparing environmental assessment;
- (iii) Conduct classification of environment category of the proposed implementation;
- (iv) Carry out environmental assessment (environmental impact assessment [EIA] or initial environmental examination [IEE], whichever is appropriate) for the proposed implementation and formulating environmental management plans (EMPs) for the different components of the civil works in line with ADB requirements;
- (v) Undertake assessment of existing safeguards system and its related procedures, identify areas for improvement, develop appropriate safeguards implementation arrangement. This assessment will form part of the EIA/IEE, and results will be included in the EIA/IEE report;

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- (vi) Carry-out
- (a) The environmental baseline data collection
 - (b) Assessment of project hazards and risks that may be posed to the environment and people,
 - (c) Develop EMPs,
 - (d) Conduct of meaningful consultations with project-affected people; and
 - (e) Other preparatory activities necessary for finalizing the project environment safeguard documents;
- (vii) Prepare EIA/IEE report, environmental management plans (EMPs) as required by country's environmental legal frameworks and ADB SPS;
- (viii) Ensure that the relevant provisions of EMPs, including costs of implementing the EMPs, are fully included in bid and contract documents, particularly in the bill of quantities and cost line items;
- (ix) Review designs, bidding documents, BOQ, and safeguard documents to ensure health and safety considerations including issues related to COVID 19 pandemic, are adequately covered and costed;
- (x) Calculate and provide the indicative cost estimate to implement package-wise EMPs, environmental monitoring programs, awareness programs, etc.;
- (xi) Assist with any capacity building activities for project stakeholders;
- (xii) Assist implementing agency to establish grievance redress mechanism;
- (xiii) Ensure quality and format of EARF, EIAs/IEEs, and other environment safeguard documents follow ADB Handbook of Styles and Usage
- (xiv) Assist the DWASA in complying with ADB's disclosure requirements as per the SPS; and
- (xv) Assist DWASA in implementing proposed environmental mitigation measures and ensure the implementation of EMPs during construction of the civil works contracts;
- (xvi) Ensure environmental safeguard measures, EMP implementation during implementation of civil works contracts;
- (xvii) Monitor Contractor Environmental Management Plan (CEMP);
- (xviii) Monitor required environmental parameters and prepare semi-annual environmental monitoring report as per the requirement of ADB;
- (xix) Prepare all necessary environmental reports as per requirement during implementation of the civil works contract.



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Appendix A

Long list of Low-Income Communities in or near the project area of DESWSP

Sl.	Name of Slum and Location	MODS Zone	Number of House Holds	Population	Water Access (Legal)	Hygienic Sanitation facilities available
1	Korail Bosti, Gulshan	5	21,946	109,728	Yes	No
2	Sattalla Bosti, Badda	5	13,673	68,364	Yes	No
3	T&T Bosti, Banani	5	1,188	,5940	Yes	No
4	Bhanga Dewan Bosti, Nakhal Para	5	2,894	14,472	Yes	No
5	Godown Bosti, Banani	5	483	2,916	Yes	No
6	Sattelite Bosti, Bananai	5	4,709	23,544	Yes	No
7	Beder Bosti, Banani	5	842	3,132	Yes	No
8	Earshad Bosti, Bonani	5	2,160	10,800	Yes	No
9	Shahjahanpur Railway Bosti	6	206	1,080	Yes	No
10	Meradia, Banoshree	6	104	527	Yes	No
11	Kalimondir, Tikatoli	6	18	99	Yes	No
12	South Gaon, Meradia	6	21	105	Yes	No
13	Dhakin Gaon, Meradia	6	40	211	Yes	No
14	Khilgaon	6	21	106	Yes	No
15	Malekerbosti	6	42	210	Yes	No
16	Uttara Section-8 Bosti, Uttara	9	21	106	Yes	No
17	3 No. Dhamal Kot	10	43	216	Yes	No
18	Battola Bosti, Kalapani	10	86	432	Yes	No
19	Balurghat Bosti, Kumritola, Kalshi	10	43	206	Yes	No
20	Bawneyabad Bosti, Bawneya	10	3,283	29,052	Yes	No
21	Kalshi Balurmam, Kalshi	10	2,823	19,116	Yes	No
22	Kalshi Beguntala, Kalshi	10	4,558	22,788	Yes	No
23	Kalshi Ceramic Bosti, Kalshi	10	43	216	Yes	No
24	Kalshi Kalapani Bosti, Kalshi	10	1,058	5,292	Yes	No
25	Kalshi Koborstan Bosti	10	86	432	Yes	No
26	Kalshi Kumritola	10	6,869	34,344	Yes	No
27	Kalshi Tekerbari Bosti	10	756	3,780	Yes	No
28	Lalashorai Uttar, Kachukhet	10	799	4,320	Yes	No
29	Lalashorai, Kachukhet	10	195	972	Yes	No
30	Lalashorai, Moddhapara	10	583	2,916	Yes	No
31	Vashentek Bosti	10	497	2,484	Yes	No
32	Gojaripotti Slum, Abdullahpur, Uttara	9	250	1,125	No	No
33	Sikder Bari Slum, Abdullahpur, Uttara	9	100	450	No	No
34	Mukijuddha Chaoni Slum, Behind the Mohakhali Bus Terminal	5	300	1,350	No	No
35	Johra Sahara Railway Slum	5	200	900	No	No
36	T.V Tower Slum, Rampura	6	100	450	No	No
37	Mowluvirtek Slum, Rampura	6	200	900	No	No
38	IPH Slum, Mokhali	5	3000	13,500	No	No
39	Shahjadpur Jhilpar Slum	5	300	1,350	No	No
40	Purba Hajipara Slum, Malibagh	6	500	2,250	No	No
Total			75,040	390,181		

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Long list of Low-Income Communities in or near the project area of DESWSP

No	Name of Slum and Location	MODS Zone	HH	Population	Water Access (Legal)	Hygienic Sanitation facilities available	Jurisdiction of the DESWSP Project Alignment	CBO formation
1	T&T Bosti, Banani	5	1,188	5,940	y	N	Y	Y
2	Sattelite Bosti, Bananai	5	4,709	23,544	y	N	Y	Y
3	Gojaripotti Slum, Abdul'ahpur, Uttara	9	250	1,125	N	N	Y	N
4	Sikder Bari Slum, Abdullahpur, Uttara	9	100	450	Y	N	Y	N
5	Johra Sahara Railway Slum	5	200	900	Y	N	Y	N
6	T.V Tower Slum, Rampura	6	100	450	N	N	Y	N
7	Mowluvirtek Slum, Rampura	6	200	900	N	N	Y	N
8	Shahjadpur Jhilpar Slum	5	300	1,350	N	N	Y	N
9	Mollahr Bosti	4	800	4,000	Y	N	Within 1km	Y
Total			7,847	38,659				

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