



The People's Republic of Bangladesh  
Dhaka Water Supply and Sewerage Authority (DWASA)  
Dhaka Sanitation Improvement Project (DSIP)  
IDA Credit Number: 6566-BD/AIIB Loan No.: L0240A



শেখ হাসিনার মূলনীতি  
গ্রাম শহরের উন্নতি

Memo No. : 46.113.633.00.00.011.2020-21/24

Date: 24/01/2021

## Corrigendum Notice

The Specific Procurement Notice (SPN) for Design, Build and Operate (DBO) Contract for Reconstruction, Expansion and Operation of Pagla Sewage Treatment Plant (Package No. WD1) published in different websites and print media on different dates vide Memo No.: ISD No.: 01/ICB/DSIP dated: 22 December, 2020 has the following amendment:

Last date of submission of Applications for Initial Selection will be **on or before 02 March 2021 by 1600 hours Bangladesh Standard Time (GMT + 6 hours)** instead of 08 February, 2021. All other information of the notice shall remain unchanged.

*A. Rafiqul Islam*  
24/01/2021

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ISD No.: 01/ICB/DSIP  
Issued on: 22 December, 2020

### Specific Procurement Notice

#### Invitation for Initial Selection Works and Operation Service (Design, Build and Operate)

**Employer:** Dhaka Water Supply and Sewerage Authority

**Project:** Dhaka Sanitation Improvement Project (DSIP)

**Contract title:** Design, Build and Operate (DBO) Contract for Reconstruction, Expansion and Operation of Pagla Sewage Treatment Plant (Package No. WD1).

**Country:** Bangladesh

**IDA Credit No.:** 6566-BD/AIIB Loan No.: L0240A

**ISD No.:** 01/ICB/DSIP

**Issued on:** 22 December, 2020

1. The Government of the People's Republic of Bangladesh has received financing from the World Bank-Asian Infrastructure Investment Bank towards the cost of the Dhaka Sanitation Improvement Project, and intends to apply part of the proceeds toward payments under the contract for Design, Build and Operate (DBO) Contract for Reconstruction, Expansion and Operation of Pagla Sewage Treatment Plant (Package No. WD1). Procurement process will be governed by the World Bank's Procurement Regulations.
2. Dhaka Water Supply and Sewerage Authority (DWASA) intends to initially select Applicants for Design, Build and Operate (DBO) Contract for Reconstruction, Expansion and Operation of Pagla Sewage Treatment Plant (Package No.: WD1). Please visit DWASA website ([www.dwasa.org.bd](http://www.dwasa.org.bd)) for performance/functional requirements, site location and qualification requirements and other necessary information which are specified in the relevant Initial Selection Document (ISD) available in the above mentioned website. It is expected that the Request for Proposals will be made available by April, 2021.
3. Initial Selection will be conducted through the procedures as specified in the World Bank's Procurement Regulations for IPF Borrowers July, 2016, Revised November 2017 and August 2018 ("Procurement Regulations"), and is open to all eligible Applicants as defined in the Procurement Regulations.
4. Interested eligible Applicants may obtain further information from Dhaka Water Supply and Sewerage Authority (DWASA) at the email address mentioned below during office hours from 0900 to 1600 hours (GMT+6 hours) between Sunday and Thursday. A read-only copy of the Initial Selection documents will also be uploaded in DWASA's website: [www.dwasa.org.bd](http://www.dwasa.org.bd).

5. A complete set of the **Initial Selection** documents in English may be purchased by interested Applicants on the submission of a written application letter, which may be sent through e-mail from the Applicant's official e-mail address to the Employer's e-mail address specified below, along with a copy of documentary evidence confirming electronic wire transfer payment of a non-refundable fee of BDT 15,000.00 (Bangladesh Taka Fifteen Thousand) or USD 150.00 (United States Dollars One Hundred and Fifty). The method of payment will be electronic wire transfer to the Employer's bank account specified below. Within 3 (three) working days of receipt of the payment in the Employer's bank account, the Employer shall send through reply email to the Applicant an electronic copy of the Initial Selection Documents in PDF format.
6. Applications for Initial Selection may be submitted, at the Applicant's choice, through e-mail to the e-mail address below, or in hard copy in a clearly marked envelope (but, submission of both hard and soft copies are preferable), delivered to the address below, by 1600 hours Bangladesh Standard Time (GMT + 6 hours) on or before 08 February, 2021. Please note that in case of submission through e-mail, the Employer shall not be responsible for the confidentiality of the submitted applications prior to the submission deadline. In this case, the Employer shall not be responsible if the Application/s are not accessible by the Employer under any circumstances. The Employer reserves the right to accept or reject late applications.

  
Md. Rafiqul Islam 22/12/2020  
Project Director (Additional Charge)  
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E-mail: [pd.dsip2018@gmail.com](mailto:pd.dsip2018@gmail.com)  
Website: [www.dwasa.org.bd](http://www.dwasa.org.bd)

**Employer's bank account for electronic wire transfer:**

Account Name: DHAKA WASA TENDER DOCUMENTS  
Account Number: 0200000798974  
Bank Name: AGRANI BANK LIMITED  
Branch Name: WASA CORP. BRANCH  
SWIFT Code: AGBKBDDH012 (For Overseas Transaction)  
Routing Number: 010264728

GOVERNMENT OF THE PEOPLES' REPUBLIC OF BANGLADESH  
DHAKA WATER SUPPLY & SEWERAGE AUTHORITY (DWASA)

## Dhaka Sanitation Improvement Project (DSIP)

**IDA Credit No.: 6566-BD**

**AIIB Loan No.: L0240A**

# Initial Selection of Proposers

*Design, Build and Operation Contract*

For

Reconstruction, Expansion and Operation of  
Pagla Sewage Treatment Plant (Package No.: WD1).

**ISD No: 01/ICB/DSIP**

**Issued On: 22 December, 2020**



## Specific Procurement Notice

### Invitation for Initial Selection Works and Operation Service (Design, Build and Operate)

**Employer:** Dhaka Water Supply and Sewerage Authority

**Project:** Dhaka Sanitation Improvement Project (DSIP)

**Contract title:** Design, Build and Operate (DBO) Contract for Reconstruction, Expansion and Operation of Pagla Sewage Treatment Plant (Package No. WD1).

**Country:** Bangladesh

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# **PART 1 – Initial Selection Procedures**

# Section I - Instructions to Applicants

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# Section I - Instructions to Applicants

## A. General

### 1. Scope of Application

- 1.1 In connection with the invitation for Initial Selection indicated in Section II, Initial Selection Data Sheet (**ISDS**), the Employer, as defined **in the ISDS**, issues this Initial Selection Document (“Initial Selection Document”) to prospective applicants (“Applicants”) interested in submitting applications (“Applications”) for Initial Selection to submit Proposals for the Works & Operation Service, Design, Build and Operation of Water and Wastewater Treatment Plant described in Section VII, Scope of Employer’s Requirement. In case proposals for the Works and Operation Service, Design, Build and Operate are to be invited as individual contracts (i.e., the slice and package procedure), these are listed **in the ISDS**. The Request for Proposals (RFP) number corresponding to this Initial Selection is also provided **in the ISDS**.

### 2. Source of Funds

- 2.1 The Borrower or Recipient (hereinafter called “Borrower”) indicated **in the ISDS** has applied for or received financing (hereinafter called “funds”) from the International Bank for Reconstruction and Development or the International Development Association (hereinafter called “the Bank”) in an amount specified **in the ISDS**, towards the cost of the project named **in the ISDS**. The Borrower intends to apply a portion of the funds to eligible payments under the contract(s) resulting from the Request for Proposals (RFP) process for which this Initial Selection is conducted.
- 2.2 Payment by the Bank will be made only at the request of the Borrower and upon approval by the Bank, and will be subject, in all respects, to the terms and conditions of the Loan (or other financing) Agreement. The Loan (or other financing) Agreement prohibits a withdrawal from the loan (or credit) account for the purpose of any payment to persons or entities, or for any import of goods, equipment, plant or materials, or services if such payment or import, to the knowledge of the Bank, is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Borrower shall derive any rights

from the Loan (or other financing) Agreement or have any claim to the proceeds of the loan (or credit).

### 3. Fraud and Corruption

- 3.1 The Bank requires compliance with the Bank’s Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG’s Sanctions Framework, as set forth in Section VI, Fraud and Corruption.
- 3.2 In further pursuance of this policy, Applicants shall permit and shall cause their agents (where declared or not), subcontractors, sub-consultants, service providers, suppliers, and their personnel, to permit the Bank to inspect all accounts, records and other documents relating to any Prequalification process, Initial Selection process, Bid submission (in case prequalified), Proposal submission (in case initially selected) and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

### 4. Eligible Applicants

- 4.1 Applicants shall meet the eligibility criteria as per this Instruction and ITA 5.1.
- 4.2 An Applicant may be a firm that is a private entity, a state-owned enterprise or institution subject to ITA 4.9 - or any combination of such entities in the form of a joint venture (“JV”) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms, subject to ITA 4.3. The “JV shall nominate an authorized representative (the” **Lead Member**”) who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Initial Selection process, RFP process (in the event the JV submits a Proposal) and during contract execution (in the event the JV is awarded the Contract). Unless specified **in the ISDS**, there is no limit on the number of members in a JV.
- 4.3 Where the Applicant is a JV, if specified **in the ISDS**, it may request to form a Special Purpose Vehicle, incorporated under the appropriate company’s legislation of the country (the “**SPV**”), to execute the Contract. Each member of a JV shall, till the end of Contract, remain a member of the JV and in the case of an SPV hold equity share capital not less than the percentage of the

subscribed and paid up equity of the SPV specified **in the ISDS**. The minimum amount of subscribed and paid up capital of the SPV shall be specified in the RFP. However, if specified **in the ISDS**, any member of the JV, except the Lead Member, may, with the prior approval of the Employer in writing, which shall not be unreasonably withheld, have its interest in the JV diluted or exit the JV, or in the case of an SPV reduce its shareholding to the percentage specified **in the ISDS**, after a period of [two] years after commencement of the Operation Service. The Lead Member shall continue to maintain its interest in the JV, or in the case of an SPV hold at least 51% (fifty-one percent) of the subscribed and paid up equity share capital of the SPV until [two] years after commencement of Operation Service. If specified **in the ISDS**, the Lead Member, may, with the prior approval of the Employer in writing, which shall not be unreasonably withheld, dilute but not extinguish its interest in the JV, or in the case of an SPV reduce its shareholding to less than 51% but in no case, less than percentage of the subscribed and paid up equity share capital of the SPV specified **in the ISDS**, after two years following commencement of Operation Service.

- 4.4 A firm is not permitted to participate for initial selection for the same contract both as an individual firm and as a part of a joint venture or as a subcontractor. However, a firm may participate as a subcontractor in more than one Application but only in the capacity of a subcontractor. Applications submitted in violation of this procedure will be rejected.
- 4.5 An Applicant may have the nationality of any country, subject to the restrictions pursuant to ITA 5.1. An Applicant shall be deemed to have the nationality of a country if the Applicant is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed specialized sub-contractors or suppliers for any part of the Contract including related Services.

- 4.6 Applicants and proposed specialized sub-contractors or suppliers for any part of the Contract including related services (for the purpose of this ITA 4.6 referred to as “Applicants”) shall not have a conflict of interest. Applicants shall be considered to have a conflict of interest, if they, or any of their affiliates, participated as a consultant in the preparation of the Employer’s Requirement (other than design to be carried out as part of this Works Design and Build contract) or have been hired or proposed to be hired by the Employer or Borrower as Engineer for contract implementation of the Works Design and Build that are the subject of this Initial Selection. In addition, Applicants may be considered to have a conflict of interest if they have a close business or family relationship with a professional staff of the Borrower (or of the project implementing agency, or of a recipient of a part of the loan) who: (i) are directly or indirectly involved in the preparation of the Initial Selection Document or Request for Proposals (RFP) Document or specifications of the Contract, and/or the Proposal evaluation process of such Contract; or (ii) would be involved in the implementation or supervision of such Contract, unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Bank throughout the procurement process and execution of the Contract.
- 4.7 An Applicant that has been sanctioned by the Bank, pursuant to the Bank’s Anti-Corruption Guidelines, and in accordance with its prevailing sanctions policies and procedures as set forth in the WBG’s Sanctions Framework, as described in Section VI, paragraph 2.2 d. shall be ineligible to be prequalified for, initially selected for, bid for, propose for or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined.
- 4.8 The list of debarred firms and individuals is available as specified **in the ISDS**.
- 4.9 Applicants that are state-owned enterprise or institutions in the Employer’s Country may be eligible to be initially selected, compete and be awarded a Contract(s) only if they can establish, in a manner acceptable to the Bank, that they (i) are legally and financially autonomous (ii)

operate under commercial law, and (iii) are not under supervision of the Employer.

- 4.10 An Applicant shall not be under suspension from bidding or submitting proposals by the Employer as the result of the execution of a Bid or Proposal–Securing Declaration.
- 4.11 An Applicant shall provide such documentary evidence of eligibility satisfactory to the Employer, as the Employer shall reasonably request.
- 4.12 A firm that is under a sanction of debarment by the Borrower from being awarded a contract is eligible to participate in this procurement, unless the Bank, at the Borrower’s request, is satisfied that the debarment:
- (a) relates to fraud or corruption; and
  - (b) followed a judicial or administrative proceeding that afforded the firm adequate due process.

## **5. Eligibility**

- 5.1 Firms and individuals may be ineligible if they are nationals of ineligible countries as indicated in Section V. The countries, persons or entities are ineligible if (a) as a matter of law or official regulations, the Borrower’s country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the supply of goods or the contracting of works or services required; or (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower’s country prohibits any import of goods or contracting of works or services from that country, or any payments to any country, person, or entity in that country. When the Works Design and Build is implemented across jurisdictional boundaries (and more than one country is a Borrower, and is involved in the procurement), then exclusion of a firm or individual on the basis of ITA 5.1(a) above by any country may be applied to that procurement across other countries involved, if the Bank and the Borrowers involved in the procurement agree.

## **B. Contents of the Initial Selection Document**

### **6. Sections of Initial Selection Document**

- 6.1 This Initial Selection Document consists of parts 1 and 2 which comprise all the sections indicated below, and

which should be read in conjunction with any Addendum issued in accordance with ITA 8.

### **PART 1 Initial Selection Procedures**

- Section I - Instructions to Applicants (ITA)
- Section II - Initial Selection Data Sheet (ISDS)
- Section III - Initial Selection Criteria and Requirements
- Section IV - Application Forms
- Section V – Eligible Countries
- Section VI – Fraud and Corruption

### **PART 2 Employer’s Requirements**

- Section VII - Scope of Employer’s Requirement

- 6.2 Unless obtained directly from the Employer, the Employer accepts no responsibility for the completeness of the document, responses to requests for clarification, the minutes of the pre-Application meeting (if any), or Addenda to the Initial Selection Document in accordance with ITA 8. In case of any discrepancies, documents issued directly by the Employer shall prevail.
- 6.3 The Applicant is expected to examine all instructions, forms, and terms in the Initial Selection Document and to furnish with its Application all information or documentation as is required by the Initial Selection Document.

## **7. Clarification of Initial Selection Document and Pre-Application Meeting**

- 7.1 An Applicant requiring any clarification of the Initial Selection Document shall contact the Employer in writing at the Employer’s address indicated **in the ISDS**. The Employer will respond in writing to any request for clarification provided that such request is received no later than fourteen (14) days prior to the deadline for submission of the applications. The Employer shall forward a copy of its response to all prospective Applicants who have obtained the Initial Selection Document directly from the Employer, including a description of the inquiry but without identifying its source. If so indicated **in the ISDS**, the Employer shall also promptly publish its response at the web page

identified **in the ISDS**. Should the Employer deem it necessary to amend the Initial Selection Document as a result of a clarification, it shall do so following the procedure under ITA 8 and in accordance with the provisions of ITA 17.2.

- 7.2 If indicated **in the ISDS**, the Applicant's designated representative is invited at the Applicant's cost to attend a pre-Application meeting at the place, date and time mentioned **in the ISDS**. During this pre-Application meeting, prospective Applicants may request clarification of the project requirement, the criteria for qualifications or any other aspects of the Initial Selection Document.
- 7.3 Minutes of the pre-Application meeting, if applicable, including the text of the questions asked by Applicants, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be transmitted promptly to all prospective Applicants who have obtained the Initial Selection Document. Any modification to the Initial Selection Document that may become necessary as a result of the pre-Application meeting shall be made by the Employer exclusively through the use of an Addendum pursuant to ITA 8. Non-attendance at the pre-Application meeting will not be a cause for disqualification of an Applicant.

## **8. Amendment of Initial Selection Document**

- 8.1 At any time prior to the deadline for submission of Applications, the Employer may amend the Initial Selection Document by issuing an Addendum.
- 8.2 Any Addendum issued shall be part of the Initial Selection Document and shall be communicated in writing to all Applicants who have obtained the Initial Selection Document from the Employer. The Employer shall promptly publish the Addendum at the Employer's web page identified **in the ISDS**.
- 8.3 To give Applicants reasonable time to take an Addendum into account in preparing their Applications, the Employer may, at its discretion, extend the deadline for the submission of Applications in accordance with ITA 17.2.

## C. Preparation of Applications

### 9. Cost of Applications

9.1 The Applicant shall bear all costs associated with the preparation and submission of its Application. The Employer will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Initial Selection process.

### 10. Language of Application

10.1 The Application as well as all correspondence and documents relating to the Initial Selection exchanged by the Applicant and the Employer, shall be written in the language specified **in the ISDS**. Supporting documents and printed literature that are part of the Application may be in another language, provided they are accompanied by an accurate translation of the relevant passages in the language specified **in the ISDS**, in which case, for purposes of interpretation of the Application, the translation shall govern.

### 11. Documents Comprising the Application

11.1 The Application shall comprise the following:

- (a) **Application Submission Letter**, in accordance with ITA 12.1;
- (b) **Eligibility**: documentary evidence establishing the Applicant's eligibility, in accordance with ITA 13.1;
- (c) **Qualifications**: documentary evidence establishing the Applicant's qualifications, in accordance with ITA 14; and
- (d) any other document required as specified **in the ISDS**.

11.2 The Applicant shall furnish information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Application

### 12. Application Submission Letter

12.1 The Applicant shall complete an Application Submission Letter as provided in Section IV, Application Forms. This Letter must be completed without any alteration to its format.

### 13. Documents Establishing the Eligibility of the Applicant

13.1 To establish its eligibility in accordance with ITA 4, the Applicant shall complete the eligibility declarations in the Application Submission Letter and Forms ELI

(eligibility) 1.1 and 1.2, included in Section IV, Application Forms.

#### **14. Documents Establishing the Qualifications of the Applicant**

14.1 To establish its qualifications to perform the contract(s) in accordance with Section III - Initial Selection Criteria and Requirements, the Applicant shall provide the information requested in the corresponding Information Sheets included in Section IV, Application Forms.

14.2 Wherever an Application Form requires an Applicant to state a monetary amount, Applicants should indicate the USD equivalent using the rate of exchange determined as follows:

- (a) for construction turnover or financial data required for each year - exchange rate prevailing on the last day of the respective calendar year (in which the amounts for that year are to be converted); and
- (b) value of single contract - exchange rate prevailing on the date of the contract.

Exchange rates shall be taken from the publicly available source identified **in the ISDS**. Any error in determining the exchange rates in the Application may be corrected by the Employer.

#### **15. Signing of the Application and Number of Copies**

15.1 The Applicant shall prepare one original of the documents comprising the Application as described in ITA 11 and clearly mark it “ORIGINAL”. The original of the Application shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Applicant. In case the Applicant is a JV, the Application shall be signed by an authorized representative of the JV on behalf of the JV and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized signatories.

15.2 The Applicant shall submit copies of the signed original Application, in the number specified **in the ISDS**, and clearly mark them “COPY”. In the event of any discrepancy between the original and the copies, the original shall prevail.

## D. Submission of Applications

### 16. Sealing and Marking of Applications

16.1 The Applicant shall enclose the original and the copies of the Application in a sealed envelope that shall:

- (a) bear the name and address of the Applicant;
- (b) be addressed to the Employer, in accordance with ITA 17.1; and
- (c) bear the specific identification of this Initial Selection process indicated **in the ISDS** 1.1.

16.2 The Employer will accept no responsibility for not processing any envelope that was not identified as required in ITA 16.1 above.

### 17. Deadline for Submission of Applications

17.1 Applicants may either submit their Applications by mail or by hand. Applications shall be received by the Employer at the address and no later than the deadline indicated **in the ISDS**. When so specified **in the ISDS**, Applicants have the option of submitting their Applications electronically, in accordance with electronic Application submission procedures specified **in the ISDS**.

17.2 The Employer may, at its discretion, extend the deadline for the submission of Applications by amending the Initial Selection Document in accordance with ITA 8, in which case all rights and obligations of the Employer and the Applicants subject to the previous deadline shall thereafter be subject to the deadline as extended.

### 18. Late Applications

18.1 The Employer reserves the right to accept applications received after the deadline for submission of applications, unless otherwise specified **in the ISDS**.

### 19. Opening of Applications

19.1 The Employer shall open all Applications at the date, time and place specified **in the ISDS**. Late Applications shall be treated in accordance with ITA 18.1.

19.2 Applications submitted electronically (if permitted pursuant to ITA 17.1) shall be opened in accordance with the procedures specified in the **ISDS**.

19.3 The Employer shall prepare a record of the opening of Applications to include, as a minimum, the name of the

Applicants. A copy of the record shall be distributed to all Applicants.

## **E. Procedures for Evaluation of Applications**

### **20. Confidentiality**

20.1 Information relating to the Applications, their evaluation and results of the Initial Selection shall not be disclosed to Applicants or any other persons not officially concerned with the Initial Selection process until the notification of Initial Selection results is made to all Applicants in accordance with ITA 28.

20.2 From the deadline for submission of Applications to the time of notification of the results of the Initial Selection in accordance with ITA 28, any Applicant that wishes to contact the Employer on any matter related to the Initial Selection process may do so only in writing.

### **21. Clarification of Applications**

21.1 To assist in the evaluation of Applications, the Employer may, at its discretion, ask an Applicant for a clarification (including missing documents) of its Application, to be submitted within a stated reasonable period of time. Any request for clarification from the Employer and all clarifications from the Applicant shall be in writing.

21.2 If an Applicant does not provide clarifications and/or documents requested by the date and time set in the Employer's request for clarification, its Application shall be evaluated based on the information and documents available at the time of evaluation of the Application.

### **22. Responsiveness of Applications**

22.1 The Employer may reject any Application which is not responsive to the requirements of the Initial Selection Document. In case the information furnished by the Applicant is incomplete or otherwise requires clarification as per ITA 21.1, and the Applicant fails to provide satisfactory clarification and/or missing information, it may result in disqualification of the Applicant.

### **23. Margin of Preference**

23.1 Unless otherwise specified in the ISDS, a margin of preference for domestic Proposers<sup>1</sup> shall not apply in the RFP process resulting from this Initial Selection.

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<sup>1</sup> An individual firm is considered a domestic Proposer for purposes of the margin of preference if it is registered in the country of the Employer, has more than 50 percent ownership by nationals of the country of the Employer, and if it does not subcontract more than 10 percent of the contract price, excluding provisional sums, to foreign contractors. JVs are

**24. Subcontractors**

24.1 Unless otherwise stated **in the ISDS**, the Employer does not intend to execute any specific elements of the Works Design and Build by sub-contractors selected in advance by the Employer (so-called “Nominated Subcontractors”).

24.2 The Applicant shall not propose to subcontract the whole of the contract. The Applicant may propose subcontractors for certain specialized parts of the contract. Applicants planning to use such specialized subcontractors shall specify, in the Application Submission Letter, the parts of the contract proposed to be subcontracted along with details of the proposed subcontractors including their qualification and experience.

**F. Evaluation of Applications and Initial Selection of Applicants****25. Evaluation of Applications**

25.1 The Employer shall use the factors, methods, criteria, and requirements defined in Section III, Initial Selection Criteria and Requirements and the ISDS to evaluate the qualifications of the Applicants, and no other factors, methods, criteria, or requirements shall be used. The Employer reserves the right to waive minor deviations from the qualification criteria if they do not materially affect the technical capability and financial resources of an Applicant to perform the Contract.

25.2 Subcontractors proposed by the Applicant shall be fully qualified for their parts of the contract. The subcontractor’s qualifications shall not be used by the Applicant to qualify for the contract unless the applicant designates them as Specialized Subcontractors, in which case, the qualifications of the Specialized Subcontractor proposed by the Applicant may be added to the qualifications of the Applicant for the purpose of the evaluation, if specified in ISDS.

25.3 Only the qualifications of the Applicant shall be considered. The qualifications of other firms, including the Applicant’s subsidiaries, parent entities, affiliates, subcontractors (other than specialized subcontractors in

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considered as domestic Proposers and eligible for domestic preference only if the individual member firms are registered in the country of the Employer, have more than 50 percent ownership by nationals of the country of the Employer, and the JV shall be registered in the country of the Borrower. The JV shall not subcontract more than 10 percent of the contract price, excluding provisional sums, to foreign firms. JVs between foreign and national firms will not be eligible for domestic preference.

accordance with ITA 25.2 above) or any other firm(s) different from the Applicant shall not be considered.

25.4 In case of multiple contracts, Applicants should indicate in their Applications the individual contract or combination of contracts in which they are interested. The Employer shall initially select each Applicant for the maximum combination of contracts for which the Applicant has thereby indicated its interest and for which the Applicant meets the appropriate aggregate requirements specified in Section III - Initial Selection Criteria and Requirements.

**26. Employer’s Right to Accept or Reject Applicants**

26.1 The Employer reserves the right to accept or reject any Application, and to annul the Initial Selection process and reject all Applicants at any time, without thereby incurring any liability to the Applicants.

**27. Initial Selection of Applicants**

27.1 The range of Applicants that the Employer may Initially Select (x=minimum number, y = maximum number) is specified in the ISDS.

27.2 Initial Selection of Applicants involves several steps, as follows:

- (a) **Step 1 - Table 1 Evaluation:** The first step of Initial Selection involves evaluation against the methods, criteria and requirements described in Section III, Table 1: Qualification Criteria and Requirements;
- (b) **Step 2 - Rejection:** Applicants that do not substantially meet the qualification criteria and requirements in Table 1: Qualification Criteria and Requirements will not be evaluated further, and will be eliminated from the Initial Selection process;
- (c) **Step 3 - Long List:** Applicants that substantially meet the qualification criteria and requirements in Table 1: Qualification Criteria and Requirements will be long listed, and evaluated further;
- (d) **Step 4 -** Depending on the number of Applicants that are long listed, one of the following options will apply:
  - Option 1: All are Initially Selected:** Where the number of long listed Applicants is  $\leq x$ , all long-

listed Applicants are Initially Selected. In this scenario, there is no requirement to evaluate these long-listed Applicants against Table 2: Rated Criteria and Requirements;

**Option 2: Applicants are evaluated using**

**Table 2 Evaluation:** Where the number of long listed Applicants is  $>x$ , the Employer shall evaluate all long-listed Applicants against Table 2: Rated Criteria and Requirements. This evaluation method involves scoring each Application against rated criteria using the scoring methodology described;

- (e) **Step 5 - Rank Applicants:** The total scores, from this step of the Initial Selection evaluation, for each long-listed Applicant are compared, and the Applicants are ranked from the highest to the lowest total score;
- (f) **Step 6 - Initial Selection up to x:** In accordance with the values selected by the Employer for  $x$  and  $y$ , the Employer Initially Selects the Applicants that are ranked from the highest score, to the Applicants ranked as  $x$ ;
- (g) **Step 7 - Reject  $y+1$  Applicants:** Where the number of long listed Applicants is  $>y$ , the Employer rejects all Applicants that are ranked greater than  $y$ , i.e. ranked as  $y+1$ ,  $y+2$ ,  $y+3$ , etc.;
- (h) **Step 8 - Optional, at the Employer's Discretion:** Ranked Applicants which are greater than  $x$ , up to, and including  $y$ , are not normally Initially Selected. However, the Employer may, at its sole discretion, if justified, Initially Select one or more additional Applicant (s) from those that are ranked  $x+1$ , up to and including  $y$ . This Initial Selection will follow the order of ranking (i.e. the Employer cannot Initially Select  $x+2$ , without Initially Selecting  $x+1$ ).

## 28. Notification of Initial Selection

28.1 The Employer shall notify all Initially Selected Applicants in writing that they have been Initially Selected. In providing this notification the Employer

shall include the names of all Applicants that have been Initially Selected.

28.2 The Employer shall separately notify all other Applicants that they have not been Initially Selected, and that they have been eliminated from the process. Any Applicant that has been eliminated from the process at this stage may request, in writing, the grounds on which they were eliminated.

## **29. Request for Proposals**

29.1 Promptly after the notification of the results of the Initial Selection, the Employer shall invite Proposals from all the Applicants that have been initially selected.

29.2 Proposers may be required to provide a Proposal Security or a Proposal-Securing Declaration acceptable to the Employer in the form and an amount to be specified in the RFP Document, and the successful Proposer shall be required to provide a Performance Security as specified in the RFP Document.

29.3 The successful Proposer shall be required to provide a Performance Security as specified in the RFP document.

29.4 If applicable, the successful Proposer may also be required to provide a separate Environmental and Social (ES) Performance Security.

29.5 Proposers shall be required to provide a Code of Conduct which will apply to their and sub-contractors' personnel that includes the minimum requirements specified in the RFP document.

29.6 If required in the RFP document, the successful Proposer shall provide additional information about its beneficial ownership using the Beneficial Ownership Disclosure Form included in the RFP document

## **30. Changes in Qualifications of Applicants**

30.1 Any change in the structure or formation of an Applicant after being initially selected in accordance with ITA 27 and invited to submit Proposal (including, in the case of a JV, any change in the structure or formation of any member and also including any change in any specialized subcontractor) shall be subject to the written approval of the Employer prior to the deadline for submission of Proposals. Such approval shall be denied if (i) an initially selected applicant proposes to associate with a disqualified applicant or in case of a disqualified joint venture, any of its members; (ii) as a consequence

of the change, the Applicant no longer substantially meets the qualification criteria set forth in Section III - Initial Selection Criteria and Requirements Table 1- Qualification Criteria, and Requirements; or (iii) no longer continues to be in the list of Initially Selected Applicants as a result of the Employer's re-evaluation of the Application in accordance with ITA 27; or (iv) in the opinion of the Employer, the change may result in a substantial reduction in competition. Any such change should be submitted to the Employer not later than fourteen (14) days after the date of the Request for Proposals.

### **31. Procurement Related Complaint**

31.1 The procedures for making a Procurement-related Complaint are as specified in the ISDS.

## Section II - Initial Selection Data Sheet (ISDS)

### A. General

<b>ITA 1.1</b>	<p>The identification of the Invitation for Initial Selection is: 01/ICB/DSIP</p> <p>The Employer is: Dhaka Water Supply and Sewerage Authority (DWASA) Attention: Project Director, Address: 11th floor, WASA Bhaban, 98, Kazi Nazrul Islam Avenue, Kawranbazar, Dhaka, Bangladesh.</p> <p>E-mail: pd.dsip2018@gmail.com</p> <p>The list of contract/s is: N/A.</p> <p>RFP name and number is: Design, Build and Operate (DBO) Contract for Reconstruction, Expansion and Operation of Pagla Sewage Treatment Plant (Package No.: WD1).</p>
<b>ITA 2.1</b>	<p>The Borrower is: Government of the Peoples' Republic of Bangladesh.</p> <p>DWASA is the Employer and it is an autonomous organization under the Borrower.</p> <p>Loan or Financing Agreement amount: IDA Financing- USD 170.00 million + Co-financing by AIIB-USD 170.00 million.</p> <p>The name of the Project is: Dhaka Sanitation Improvement Project (DSIP).</p> <p>Funds from IDA-AIIB Financing will be used to meet eligible payments of the Design-Build part of the contract for Pagla Sewage Treatment Plant, resulting from this selection process.</p> <p>However, payments for the Operation Services provided under the said Contract will be met from the funds from IDA (the World Bank)-AIIB/DWASA/Government's own resources.</p>
<b>ITA 4.2</b>	Maximum number of members in the JV shall be: Four (4)
<b>ITA 4.3</b>	The Applicant is permitted to form an SPV: No
<b>ITA 4.9</b>	A list of debarred firms and individuals is available on the Bank's external website: <a href="http://www.worldbank.org/debarr">http://www.worldbank.org/debarr</a> .
<b>B. Contents of the Initial Selection Document</b>	
<b>ITA 7.1</b>	For <b>clarification purposes</b> , the Employer's address is:

	<p>Attention: Project Director, Dhaka Sanitation Improvement Project (DSIP), DWASA.</p> <p>Address: 11th floor, WASA Bhaban, 98 Kazi Nazrul Islam Avenue, Kawran Bazar</p> <p>City: Dhaka</p> <p>ZIP Code: 1215</p> <p>Country: Bangladesh</p> <p>Telephone: +88-02-8180134</p> <p>e-mail address: pd.dsip2018@gmail.com</p>
<b>ITA 7.1 &amp; 8.2</b>	Web page: <a href="http://www.dwasa.org.bd">www.dwasa.org.bd</a>
<b>ITA 7.2</b>	<p>Pre-Application Meeting will be held: Yes</p> <p><b>Venue and time of Pre-Application meeting:</b></p> <p>Venue: Conference Room, 3<sup>rd</sup> Floor, WASA Bhaban, 98 Kazi Nazrul Islam Avenue, Kawranbazar, Dhaka-1215.</p> <p>Date: 12 January, 2021, Time: 1630 hours Bangladesh Local Time, Dhaka (GMT + 6 hours).</p> <p>The pre-application meeting will also be connected virtually through live video conference, for which the electronic connection link will be sent by the Employer at least seven (7) calendar days before the meeting through email to all the prospective Applicants who purchased the Initial Selection Document and who may choose to attend through video conference.</p> <p>For this purpose, the prospective Applicants who intend participating in the virtual Pre-Application meeting are advised to communicate their e-mail ID, and other contact details to the Employer at the address/e-mail ID given in the Data Sheet Clause under ITA 7.1 above, at least ten (10) calendar days before the specified date of the meeting so that the connection details for participating in the said virtual meeting may be advised to them.</p> <p>Apart from transmitting the Minutes of the pre-Application meeting to all prospective Applicants in the manner detailed in ITA 7.3, the said Minutes and the Addendum to the Initial Selection Document, if any, will be published/uploaded also on DWASA's website (<a href="http://www.dwasa.org.bd">www.dwasa.org.bd</a>)</p>
<b>C. Preparation of Applications</b>	
<b>ITA 10.1</b>	<p>This Initial Selection document has been issued in the English language.</p> <p>All correspondence exchange shall be in English language.</p> <p>The Application as well as all correspondence shall be submitted in English Language for translation of supporting documents and printed literature is</p>

	English.
<b>ITA 14.2</b>	The source for determining exchange rates is: Bangladesh Bank, Bangladesh. However, if the rate(s) of exchange for any specific date(s) is/are not available from the specified source, the Applicant(s) are requested to apply the rate(s) from any similar internationally recognized published source and submit a copy of that document with its Application.
<b>ITA 15.2</b>	Applications may, at the Applicant's choice, be submitted through email or in hard copy. However, submission of both hard and soft copies are preferable. If submitted in hardcopy, in addition to the original, the number of copies to be submitted with the Application is Three (3) plus an electronic copy on a CD/DVD/USB Drive.
<b>D. Submission of Applications</b>	
<b>ITA 17.1</b>	<p><b>The deadline for Application submission is:</b>  Date: 08 February, 2021  Time: 1600 hours Bangladesh local time (GMT + 6 hours).  For <b>Application submission purposes only</b>, the Employer's address is:  Attention: Md. Rafiqul Islam, Project Director, Dhaka Sanitation Improvement Project (DSIP), DWASA  Address: 11th floor, WASA Bhaban, 98 Kazi Nazrul Islam Avenue, Kawranbazar  City: Dhaka  ZIP Code: 1215  Country: Bangladesh  Telephone: +88-02-8180134  e-mail address: pd.dsip2018@gmail.com</p> <p>Applicants shall have the option of submitting their Applications electronically through email to the email address as indicated in ITA 1.1. If submitted through email, the Employer shall not be responsible for the confidentiality of the submitted Applications prior to the submission deadline. In this case, the Employer shall not be responsible if the Application/s are not accessible by the Employer under any circumstances.</p>

<b>ITA 18.1</b>	The Employer reserves the right to accept or reject late Applications.
<b>ITA 19.1</b>	<p>The opening of the Applications shall be at 1630 hours Bangladesh local time (GMT + 6 hours) on the deadline date for submission of Applications and at the address as mentioned above under ITA 17.1</p> <p>The Application opening meeting will also be connected virtually through live video conference, for which the electronic connection link will be sent by the Employer at least seven (7) calendar days before the Opening Meeting through email to all the prospective Applicants who purchased the Initial Selection Document and who may choose to attend through video conference.</p>
<b>ITA 19.2</b>	As mentioned in ITA 19.1.
<b>E. Procedures for Evaluation of Applications</b>	
<b>ITA 24.1</b>	At this time the Employer does not intend to execute certain specific parts of the contract by sub-contractors selected in advance.
<b>F. Evaluation of Applications and Initial Selection of Applicants</b>	
<b>ITA 25.2</b>	The relevant qualifications of the proposed Specialized Subcontractors, if so designated, will be added to the qualifications of the Applicant for the purpose of evaluation if indicated in Section III - Initial Selection Criteria and Requirements.
<b>ITA 27.1</b>	<p><b>Initial Selection – minimum number (x)</b></p> <p>The Employer intends to Initially Select the following number of long listed Applications: <b>Five (5)</b>. This number is referred to as <b>x</b>, and is the minimum number to be Initially Selected.</p> <p><b>Initial Selection – maximum number (y)</b></p> <p>The Employer may, at its sole discretion, Initially Select more than the minimum number of long listed Applications. The maximum number that may be Initially Selected is: <b>Eight (8)</b>. This number is referred to as <b>y</b>.</p>
<b>ITA 31.1</b>	<p>The procedures for making a Procurement-related Complaint are detailed in the “Procurement Regulations for IPF Borrowers (Annex III).” If an Applicant wishes to make a Procurement-related Complaint, the Applicant should submit its complaint following these procedures, in writing (by the quickest means available, that is either by email or fax), to:</p> <p><b>For the attention:</b> Md. Rafiqul Islam</p> <p><b>Title/position:</b> Project Director, Dhaka Sanitation Improvement Project (DSIP)</p>

	<p><b>Employer:</b> Dhaka water Supply &amp; Sewerage Authority (DWASA)</p> <p><b>E-mail address:</b> pd.dsip2018@gmail.com</p> <p>In summary, at this stage, a Procurement-related Complaint may challenge any of the following:</p> <ol style="list-style-type: none"><li>1. the terms of the Initial Selection Document; and</li><li>2. the Employer’s decision not to initially select an Applicant</li></ol>
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# Section III - Initial Selection Criteria and Requirements

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**Table 1 – Qualification Criteria and Requirements**

**1. Eligibility**

Criteria			Single Entity Requirements	Joint Venture			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	One Member	Submission Requirements
1.1	<b>Nationality</b>	Nationality in accordance with ITA 4.5	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and 1.2, with attachments
1.2	<b>Conflict of Interest</b>	No conflicts of interest in accordance with ITA 4.6	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Application Submission Letter
1.3	<b>Bank Eligibility</b>	Not having been declared ineligible by the Bank, as described in ITA 4.7 and 5.1	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Application Submission Letter
1.4	<b>United Nations resolution or Borrower’s country law</b>	Not having been excluded as a result of prohibition in the Borrower’s country laws or official regulations against commercial relations with the Applicant’s country, or by an act of compliance with UN Security Council resolution, both in accordance with ITA 5.1 and Section V.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI – 1.1 and 1.2, with attachments

## 2. Historical Contract Non-Performance

Criteria			Single Entity Requirements	Joint Venture			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	One Member	Submission Requirements
2.1	<b>History of Non-Performing Contracts</b>	Non-performance of a contract <sup>2</sup> did not occur as a result of contractor's default since 1 <sup>st</sup> January 2010.	Must meet requirement	Must meet requirements	Must meet requirement <sup>3</sup>	N/A	Form CON-2
2.2	<b>Suspension Based on Execution of Bid or Proposal Securing Declaration by the Employer</b>	Not under suspension based on execution of Bid or Proposal Securing Declaration pursuant to ITA 4.10.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Application Submission Letter
2.3	<b>Pending Litigation</b>	Applicant's financial position and prospective long term profitability still sound according to criteria established in 3.1 below and assuming that all pending litigation will be resolved against the Applicant	Must meet requirement	N/A	Must meet requirement	N/A	Form CON – 2
2.4	<b>Litigation</b>	No consistent history of court/arbitral	Must meet	Must meet	Must meet	N/A	Form CON – 2

<sup>2</sup> Nonperformance, as decided by the Employer, shall include all contracts where (a) nonperformance was not challenged by the contractor, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the contractor. Nonperformance shall not include contracts where Employers decision was overruled by the dispute resolution mechanism. Nonperformance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the applicant have been exhausted.

<sup>3</sup> This requirement also applies to contracts executed by the Applicant as JV member.

Section III – Initial Selection Criteria and Requirements

Criteria			Single Entity Requirements	Joint Venture			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	One Member	Submission Requirements
	<b>History</b>	award decisions against the Applicant <sup>4</sup> since 1 <sup>st</sup> January 2010.	requirement	requirement	requirement		
<b>2.5</b>	<b>Declaration: Environmental and Social (ES) past performance</b>	Declare any civil work contracts that have been suspended or terminated and/or performance security called by an employer for reasons related to the non-compliance of any environmental, or social (including Sexual Exploitation and Abuse) contractual obligations in the past five years. <sup>5</sup>	Must make the declaration. Where there is Specialized Sub-contractor/s such Specialized Sub-contractor/s must make the declaration.	N/A	Each must make the declaration. Where there is Specialized Sub-contractor/s such Specialized Sub-contractor/s must make the declaration.	N/A	Form CON-3 ES Performance Declaration

<sup>4</sup> The Applicant shall provide accurate information on the related Application Form about any litigation or arbitration resulting from contracts completed or ongoing under its execution since 1<sup>st</sup> January 2010 . A consistent history of awards against the Applicant or any member of a joint venture may result in rejection of the Application.

<sup>5</sup> The Employer may use this information to seek further information or clarifications during the request for proposal stage and the associated due diligence

### 3. Financial Situation and Performance

Criteria			Single Entity Requirements	Joint Venture Requirements			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	One Member	Submission Requirements
3.1	Financial Capabilities	(i) The Applicant shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the cash flow requirements estimated as US\$ Six million (6,000,000 USD) for the subject contract(s) net of the Applicant's other commitments.	Must meet requirement	Must meet requirement	N/A	Lead member must meet 50% of requirement	Form FIN – 3.1, with attachments
		(ii) The Applicant shall also demonstrate, to the satisfaction of the Employer, that it has adequate sources of finance to meet the cash flow requirements on contracts currently in progress and for future contract commitments.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	
		(iii) The audited balance sheets or, if not required by the laws of the Applicant's country, other financial statements acceptable to the Employer, for the last five years shall be submitted and must demonstrate the current soundness of the Applicant's financial position and indicate its prospective long-term profitability.	Must meet requirement	N/A	Must meet requirement	N/A	

Section III – Initial Selection Criteria and Requirements

Criteria			Single Entity Requirements	Joint Venture Requirements			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	One Member	Submission Requirements
3.2	<b>Average Annual Turnover</b>	Minimum average annual construction turnover of US\$ Forty million (USD 40,000,000.00) calculated as total certified payments received for contracts in progress and/or completed within the last five (5) years, divided by 5.	Must meet requirement	Must meet requirement	Must meet 25%, (twenty-five percentage) of the requirement	Lead member must meet 40%, (forty percentage) of the requirement	Form FIN – 3.2

## 4. Experience

Criteria			Single Entity Requirements	Joint Venture Requirements			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	One Member	Submission Requirements
4.1	<b>DBO Experience</b>	<p>Experience of similar DBO contracts is not a mandatory qualification criterion under Table 1, but is a rated experience criterion under Table 2. The rating experience requirement is for DBO contracts for Wastewater/sewage treatment plants undertaken as prime contractor, lead member of a joint venture, or management contractor, which are either operational at the date of application, or in which the operations period ended after 1st January 2010</p> <p>The selected DBO contract(s) shall have all of the following features:</p> <ul style="list-style-type: none"> <li>(d) have a minimum design capacity of 100 MLD using biological treatment process;</li> <li>(e) have been operating for at least two years since operational acceptance; and</li> <li>(f) have been operating satisfactorily since commissioning.</li> </ul>	Must meet requirement	Must meet requirement	N/A	N/A	Form EXP - 4.1
4.2	<b>Design, Experience</b>	<p>A minimum number of 2 (two) contracts for the design of wastewater/sewage treatment plants as lead design engineer that have been satisfactorily and substantially completed as a prime contractor, joint venture member, management contractor or subcontractor between 1st January 2010 and Application submission deadline.</p> <p>Each contract shall have all of the following</p>	Must meet requirement	N/A	N/A	Must meet requirement	Form EXP - 4.2

Section III – Initial Selection Criteria and Requirements

Criteria			Single Entity Requirements	Joint Venture Requirements			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	One Member	Submission Requirements
		<p>features:</p> <ul style="list-style-type: none"> <li>(a) biological treatment process with a minimum design capacity of 75 MLD; and</li> <li>(b) bio-gas generation in digesters using sludge from sewage treatment, and biogas-based electricity generation facilities.</li> </ul> <p>The design experience requirements as above must be met by the Applicant itself whether a Single Entity or the JV Applicant. It is not allowed that these requirements are met by a specialized subcontractor.</p>					
4.3	<b>Construction Experience</b>	<p>A minimum number of contracts specified below for construction of wastewater/ sewage treatment plants that have been satisfactorily and substantially completed as a prime contractor, joint venture member, management contractor or subcontractor between 1st January 2010 and Application submission deadline.</p> <ul style="list-style-type: none"> <li>(i) 2 (two) contracts - of which each contract shall have features (a) and (b) below.</li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>(ii) 4 (four) contracts - of which 2 (two) contracts shall have feature (a), and 2 (two) contracts shall have feature (b) below.</li> </ul>	Must meet requirement	Must meet requirement	N/A	N/A	Form EXP - 4.3

Criteria			Single Entity Requirements	Joint Venture Requirements			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	One Member	Submission Requirements
		<p>Features:</p> <ul style="list-style-type: none"> <li>(a) biological treatment process with a minimum design capacity of 75 MLD;</li> <li>(b) bio-gas generation in digesters using sludge from sewage treatment and biogas-based electricity generation facilities with minimum biogas-based power generation of 250 kW (electric).</li> </ul> <p>The construction experience requirements as above must be met by the Applicant itself whether a Single Entity or the JV Applicant. It is not allowed that these requirements are met by a specialized subcontractor.</p>					
4.4	<b>Operations experience</b>	<p>A minimum number of 2 (two) contracts for operations of Wastewater/Sewage treatment plants as prime contractor, lead member of a joint venture, or management contractor, which are either operational at the date of application, or in which the operations period ended after 1st January 2010.</p> <p>Each contract shall have all of the following features:</p>	Must meet requirement	N/A	N/A	Must meet requirement	Form EXP - 4.4

Section III – Initial Selection Criteria and Requirements

Criteria			Single Entity Requirements	Joint Venture Requirements			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	One Member	Submission Requirements
		<p>(a) biological treatment process with a minimum design capacity of 50 MLD;</p> <p>(b) biogas generation in digesters using sludge from sewage treatment and biogas-based electricity generation facilities;</p> <p>(c) contract period (for operations) of two years or more, and</p> <p>(d) been operating satisfactorily since commencement.</p> <p>The Operations experience requirements as above must be met by the Applicant itself whether a Single Entity or the JV Applicant. It is not allowed that these requirements are met by a specialized subcontractor.</p>					
4.5	<b>Specific Experience in managing ES aspects</b>	<p>For the contracts under 4.3 and 4.4 above and/or any other contracts for wastewater/sewage treatment plants substantially completed and under implementation, as prime contractor, joint venture member, or Subcontractor between 1st January 2010 and Application submission deadline, experience in managing ES risks and impacts in the following aspects:</p> <p><i>Implementation of environmental and social management plan during construction and operation phase.</i></p>	Must meet requirement	N/A	N/A	Must meet requirement	Form EXP – 4.5

Criteria			Single Entity Requirements	Joint Venture Requirements			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	One Member	Submission Requirements
		<i>NB: The above specific experience requirements may be met by Specialized Subcontractors.</i>					

**General notes for the Applicant:**

1. The Applicant may use the same contract(s) to satisfy two or more criteria requirements. In such cases, the Applicant shall complete separate EXP forms for each subject contract type.
2. Substantial completion shall be based on 80% or more of the contract completed.
3. For contracts under which the Applicant participated as a joint venture member or sub-contractor, only the Applicant's role and responsibilities shall be considered as qualifying experience.

**Table 2 – Rated Criteria and Requirements**

**1. Past Experience**

Requirement	Scoring		Documentation																																																						
	Maximum score as per 2 sub-tables	Remark	Submission Requirement																																																						
<p><b>Number of similar contracts</b></p> <ol style="list-style-type: none"> <li>similar to the Requirements (Reference Table 1, sub-factor 4); and</li> <li>completed between 1st January 2010 and Application submission deadline.</li> </ol> <p><b>Scoring methodology:</b></p> <p style="text-align: center;"><b>Sub-table 1</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Contract Type</th> <th colspan="5">Score applicable for Number of satisfactory similar contracts</th> <th rowspan="2">[z contracts] (Number)</th> </tr> <tr> <th>&gt;= z+4 contracts</th> <th>z+3 contracts</th> <th>z+2 contracts</th> <th>z+1 contract</th> <th>z contracts</th> </tr> <tr> <th>(1)</th> <th>(2)</th> <th>(3)</th> <th>(4)</th> <th>(5)</th> <th>(6)</th> <th>(7)</th> </tr> </thead> <tbody> <tr> <td><b>Design-Build-Operate contracts</b></td> <td>80</td> <td>60</td> <td>40</td> <td>20</td> <td>0</td> <td>0</td> </tr> <tr> <td><b>Design contracts (Sub-factor 4.2)</b></td> <td>20</td> <td>15</td> <td>10</td> <td>5</td> <td>0</td> <td>2</td> </tr> <tr> <td><b>Construction contracts (Sub-factor 4.3(i))</b></td> <td>20</td> <td>15</td> <td>10</td> <td>5</td> <td>0</td> <td>2</td> </tr> <tr> <td><b>Operations contracts (Sub-factor 4.4)</b></td> <td>40</td> <td>30</td> <td>20</td> <td>10</td> <td>0</td> <td>2</td> </tr> <tr> <td><b>Maximum Score as per Col (2)</b></td> <td>160</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>An Applicant which has claimed Design, Construction or Operations experience under Table 1 on the basis of WWTP/STP capacity of 100 MLD or more, shall be given an additional score over and</p>	Contract Type	Score applicable for Number of satisfactory similar contracts					[z contracts] (Number)	>= z+4 contracts	z+3 contracts	z+2 contracts	z+1 contract	z contracts	(1)	(2)	(3)	(4)	(5)	(6)	(7)	<b>Design-Build-Operate contracts</b>	80	60	40	20	0	0	<b>Design contracts (Sub-factor 4.2)</b>	20	15	10	5	0	2	<b>Construction contracts (Sub-factor 4.3(i))</b>	20	15	10	5	0	2	<b>Operations contracts (Sub-factor 4.4)</b>	40	30	20	10	0	2	<b>Maximum Score as per Col (2)</b>	160						240	In case of JV, the experience shall be provided by the member or members indicated in Table 1.	Form EXP 4.1 – 4.5
Contract Type		Score applicable for Number of satisfactory similar contracts						[z contracts] (Number)																																																	
	>= z+4 contracts	z+3 contracts	z+2 contracts	z+1 contract	z contracts																																																				
(1)	(2)	(3)	(4)	(5)	(6)	(7)																																																			
<b>Design-Build-Operate contracts</b>	80	60	40	20	0	0																																																			
<b>Design contracts (Sub-factor 4.2)</b>	20	15	10	5	0	2																																																			
<b>Construction contracts (Sub-factor 4.3(i))</b>	20	15	10	5	0	2																																																			
<b>Operations contracts (Sub-factor 4.4)</b>	40	30	20	10	0	2																																																			
<b>Maximum Score as per Col (2)</b>	160																																																								

Requirement	Scoring		Documentation																																		
	Maximum score as per 2 sub-tables	Remark	Submission Requirement																																		
<p>above the one as per above Sub-Table. Such additional score shall be determined as per sub-table 2 below and the same shall be added to the score determined as per above Sub-Table 1.</p> <p style="text-align: center;"><b>Sub-table 2</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Type of Experience (Sub-factor)</th> <th colspan="4">Number of Similar Contracts claimed with WWTP/STP capacity of 100 MLD or higher</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4 or more</th> </tr> </thead> <tbody> <tr> <td></td> <td colspan="4" style="text-align: center;">Additional score to be given</td> </tr> <tr> <td>Design Experience mentioned in 4.2 in the above Sub-Table</td> <td style="text-align: center;">5</td> <td style="text-align: center;">10</td> <td style="text-align: center;">15</td> <td style="text-align: center;">20</td> </tr> <tr> <td>Construction Experience mentioned in 4.3 (i) in the above Sub-Table</td> <td style="text-align: center;">5</td> <td style="text-align: center;">10</td> <td style="text-align: center;">15</td> <td style="text-align: center;">20</td> </tr> <tr> <td>Operations Experience mentioned in 4.4 in the above Sub-Table</td> <td style="text-align: center;">10</td> <td style="text-align: center;">20</td> <td style="text-align: center;">30</td> <td style="text-align: center;">40</td> </tr> <tr> <td><b>Max additional score as per last Column</b></td> <td colspan="4" style="text-align: center;">80</td> </tr> </tbody> </table> <p>Thus, maximum score which an Applicant may secure on the basis of the two sub-Tables as above = <math>160 + 80 = 240</math></p> <p>The total evaluated score is the aggregate of the scores secured by an Applicant for each contract type. However, the total evaluated score shall not exceed maximum score of 240.</p> <p>Example: Applicant A has the experience in the following number of contracts required in Table 1: 2 DBO contracts, 5 design contracts, 3 construction contracts and 6 operations contracts. Furthermore, the STP capacity under 1 design contract, 1 construction contract, and 1 operations contract is 100 MLD or more.</p> <p>Using the values in the scoring sub-table 1 above, the total score as per sub-table 1 would be <math>40 + 15 + 5 + 40 = 100</math>.</p>	Type of Experience (Sub-factor)	Number of Similar Contracts claimed with WWTP/STP capacity of 100 MLD or higher				1	2	3	4 or more		Additional score to be given				Design Experience mentioned in 4.2 in the above Sub-Table	5	10	15	20	Construction Experience mentioned in 4.3 (i) in the above Sub-Table	5	10	15	20	Operations Experience mentioned in 4.4 in the above Sub-Table	10	20	30	40	<b>Max additional score as per last Column</b>	80						
Type of Experience (Sub-factor)		Number of Similar Contracts claimed with WWTP/STP capacity of 100 MLD or higher																																			
	1	2	3	4 or more																																	
	Additional score to be given																																				
Design Experience mentioned in 4.2 in the above Sub-Table	5	10	15	20																																	
Construction Experience mentioned in 4.3 (i) in the above Sub-Table	5	10	15	20																																	
Operations Experience mentioned in 4.4 in the above Sub-Table	10	20	30	40																																	
<b>Max additional score as per last Column</b>	80																																				

	<b>Scoring</b>		<b>Documentation</b>
<b>Requirement</b>	<b>Maximum score as per 2 sub-tables</b>	<b>Remark</b>	<b>Submission Requirement</b>
Further, additional score as per sub-table 2 would be $5 + 5 + 10 = 20$ . Thus, total evaluated score = $100 + 20 = 120$			

## **Section IV - Application Forms**

### **Table of Forms**

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<b>Specific Construction Experience.....</b>	<b>58</b>
<b>Specific Operations Experience .....</b>	<b>60</b>

## Application Submission Letter

Date: *[insert day, month, and year]*  
RFP No. and title: *[insert RFP number and title]*

To: *[insert full name of Employer]*

We, the undersigned, apply to be initially selected for the referenced Request for Proposal (RFP) and declare that:

- (a) **No reservations:** We have examined and have no reservations to the Initial Selection Document, including Addendum(s) No(s). issued in accordance with ITA 8: *[insert the number and issuing date of each addendum]*.
- (b) **No conflict of interest:** We have no conflict of interest in accordance with ITA 4.6;
- (c) **Eligibility:** We (and our subcontractors) meet the eligibility requirements as stated in ITA 4, we have not been suspended by the Employer based on execution of a Bid-Securing Declaration or Proposal-Securing Declaration in accordance with ITA 4.10;
- (d) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Employer's country laws or official regulations or pursuant to a decision of the United Nations Security Council;
- (e) **State-owned enterprise or institution:** *[select the appropriate option and delete the other]*  
*[We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ITA 4.9];*
- (f) **Subcontractors and Specialized Subcontractors:** We, in accordance with ITA 24.2 and 25.2, plan to subcontract the following parts of the contract:  
  
*[Insert any part of the contract which the Applicant intends to subcontract along with complete details of the Specialized Subcontractors, their qualification and experience]*
- (g) **Commissions, gratuities, fees:** We declare that the following commissions, gratuities, or fees have been paid or are to be paid with respect to the Initial Selection process, the corresponding RFP process or execution of the Contract:

<u>Name of Recipient</u>	<u>Address</u>	<u>Reason</u>	<u>Amount</u>
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<i>[insert full name for each occurrence]</i>	<i>[insert street/number/city/country]</i>	<i>[indicate reason]</i>	<i>[specify amount currency, value, exchange rate and US\$ equivalent]</i>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

*[If no payments are made or promised, add the following statement: “No commissions or gratuities have been or are to be paid by us to agents or any third party relating to this Application”]*

- (h) **Not bound to accept:** We understand that you may cancel the Initial Selection process at any time and that you are neither bound to accept any Application that you may receive nor to invite the initially selected Applicants to submit Proposal for the contract subject of this Initial selection process, without incurring any liability to the Applicants, in accordance with ITA 26.1.
- (i) **True and correct:** All information, statements and description contained in the Application are in all respect true, correct and complete to the best of our knowledge and belief.

Signed *[insert signature(s) of an authorized representative(s) of the Applicant]*

Name *[insert full name of person signing the Application]*

In the capacity of *[insert capacity of person signing the Application]*

Duly authorized to sign the Application for and on behalf of: Applicant’s

Name *[insert full name of Applicant or the name of the JV]*

Address *[insert street number/town or city/country address]*

Dated on *[insert day number]* day of *[insert month]*, *[insert year]*

*[For a joint venture, either all members shall sign or only the authorized representative, in which case the power of attorney to sign on behalf of all members shall be attached]*

## Form ELI -1.1 Applicant Information Form

Date: *[insert day, month, year]*

RFP No. and title: *[insert RFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

Applicant's name <i>[insert full name]</i>
In case of Joint Venture (JV), name of each member: <i>[insert full name of each member in JV]</i>
Applicant's actual or intended country of registration: <i>[indicate country of Constitution]</i>
Applicant's actual or intended year of incorporation: <i>[indicate year of Constitution]</i>
Applicant's legal address [in country of registration]: <i>[insert street/ number/ town or city/ country]</i>
Applicant's authorized representative information Name: <i>[insert full name]</i> Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[indicate e-mail address]</i>
1. Attached are copies of original documents of <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITA 4.5. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITA 4.2. <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITA 4.9 documents establishing: <ul style="list-style-type: none"> <li>• Legal and financial autonomy</li> <li>• Operation under commercial law</li> <li>• Establishing that the Applicant is not under supervision of the Employer</li> </ul>
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

## Form ELI -1.2

### Applicant's JV Information Form

*[The following form is additional to Form ELI – 1.1., and shall be completed to provide information relating to each JV member (in case the Applicant is a JV) as well as any Specialized Subcontractor proposed to be used by the Applicant for any part of the Contract resulting from this Initial Selection]*

Date: *[insert day, month, year]*

RFP No. and title: *[insert RFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

Applicant name: <i>[insert full name]</i>
Applicant's JV Member's name: <i>[insert full name of Applicant's JV Member]</i>
Applicant's JV Member's country of registration: <i>[indicate country of registration]</i>
Applicant JV Member's year of constitution: <i>[indicate year of constitution]</i>
Applicant JV Member's legal address in country of constitution: <i>[insert street/ number/ town or city/ country]</i>
Applicant JV Member's Lead Member information Name: <i>[insert full name]</i> Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[indicate e-mail address]</i>
1. Attached are copies of original documents of <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITA 4.5. <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and they are not under the supervision of the Employer, in accordance with ITA 4.9.
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

## Form CON – 2

### Historical Contract Non-Performance, and Pending Litigation and Litigation History

*[The following table shall be filled in for the Applicant and for each member of a Joint Venture]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's Name: *[insert full name]*

RFP No. and title: *[insert RFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

Non-Performed Contracts in accordance with Section III, Table 1 Qualification Criteria, and Requirements			
<input type="checkbox"/> Contract non-performance did not occur since 1 <sup>st</sup> January <i>[insert year]</i> specified in Section III, – Table 1 Qualification Criteria, and Requirements, Sub-Factor 2.1.			
<input type="checkbox"/> Contract(s) not performed since 1 <sup>st</sup> January <i>[insert year]</i> specified in Section III, – Table 1 Qualification Criteria, and Requirements, Sub-Factor 2.1.			
Year	Non-performed portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and US\$ equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for nonperformance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
Pending Litigation, in accordance with Section III, Table 1 Qualification Criteria, and Requirements			
<input type="checkbox"/> No pending litigation in accordance with Section III, Table 1 Qualification Criteria, and Requirements, Sub-Factor 2.3.			
<input type="checkbox"/> Pending litigation in accordance with Section III, Table 1 Qualification Criteria, and Requirements, Sub-Factor 2.3 as indicated below.			

<b>Year of dispute</b>	<b>Amount in dispute (currency)</b>	<b>Contract Identification</b>	<b>Total Contract Amount (currency), USD Equivalent (exchange rate)</b>
<i>[insert year]</i>	<i>[insert amount]</i>	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate “Employer” or “Contractor”]</i>  Status of dispute: <i>[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i>	<i>[insert amount]</i>
Litigation History in accordance with Section III, Table 1 Qualification Criteria, and Requirements			
<input type="checkbox"/> No Litigation History in accordance with Section III, Table 1 Qualification Criteria, and Requirements, Sub-Factor 2.4. <input type="checkbox"/> Litigation History in accordance with Section III, Table 1 Qualification Criteria, and Requirements, Sub-Factor 2.4 as indicated below.			
<b>Year of award</b>	<b>Outcome as percentage of Net Worth</b>	<b>Contract Identification</b>	<b>Total Contract Amount (currency), USD Equivalent (exchange rate)</b>
<i>[insert year]</i>	<i>[insert percentage]</i>	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate “Employer” or “Contractor”]</i> Reason(s) for Litigation and award decision <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>

## Form CON – 3 ES Performance Declaration

*[The following table shall be filled in for the Applicant, each member of a Joint Venture and each Specialized Subcontractor]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member's or Specialized Subcontractor's Name: *[insert full name]*

RFP No. and title: *[insert RFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

<b>Environmental and Social Performance Declaration in accordance with Section III, Qualification Criteria, and Requirements</b>			
<input type="checkbox"/> <b>No suspension or termination of contract:</b> An employer has not suspended or terminated a contract and/or called the performance security for a contract for reasons related to Environmental and Social (ES) performance since the date specified in Section III, Qualification Criteria, and Requirements, Sub-Factor 2.5.			
<input type="checkbox"/> <b>Declaration of suspension or termination of contract:</b> The following contract(s) has/have been suspended or terminated and/or Performance Security called by an employer(s) for reasons related to Environmental and Social (ES) performance since the date specified in Section III, Qualification Criteria, and Requirements, Sub-Factor 2.5. Details are described below:			
Year	Suspended or terminated portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and US\$ equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for suspension or termination: <i>[indicate main reason(s) e.g. for gender based violence; sexual exploitation or sexual abuse breaches]</i>	<i>[insert amount]</i>
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for suspension or termination: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
...	...	<i>[list all applicable contracts]</i>	...

<b>Performance Security called by an employer(s) for reasons related to ES performance</b>		
<b>Year</b>	<b>Contract Identification</b>	<b>Total Contract Amount (current value, currency, exchange rate and US\$ equivalent)</b>
<i>[insert year]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for calling of performance security: <i>[indicate main reason(s) e.g. gender-based violence; sexual exploitation or sexual abuse breaches]</i>	<i>[insert amount]</i>

## Form FIN – 3.1 Financial Situation and Performance

*[The following table shall be filled in for the Applicant and for each member of a Joint Venture]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

RFP No. and title: *[insert RFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

### 1. Financial data

Type of Financial information in (currency)	Historic information for previous _ <i>[insert number]</i> years, <i>[insert in words]</i> (amount in currency, currency, exchange rate*, USD equivalent)				
	Year 1	Year 2	Year 3	Year4	Year 5
Statement of Financial Position (Information from Balance Sheet)					
Total Assets (TA)					
Total Liabilities (TL)					
Total Equity/Net Worth (NW)					
Curent Assets (CA)					
Curent Liabilitiés (CL)					
Working Capital (WC)					
Information from Income Statement					
Total Revenue (TR)					
Profits Before Taxes (PBT)					
Cash Flow Information					
Cash Flow from Operating Activities					

\* Refer ITA 14 for the exchange rate

### 2. Sources of Finance

*[The following table shall be filled in for the Applicant and all parties combined in case of a Joint Venture]*

Specify sources of finance to meet the cash flow requirements on contracts currently in progress and for future contract commitments.

No.	Source of finance	Amount (US\$ equivalent)
1		
2		
3		

### 3. Financial documents

The Applicant and its parties shall provide copies of financial statements for *[number]* years pursuant Section III, Table 1 –Qualification Criteria, and Requirements Sub-factor 3.1. The financial statements shall:

- (a) reflect the financial situation of the Applicant or in case of JV member, and not an affiliated entity (such as parent company or group member).
  - (b) be independently audited or certified in accordance with local legislation.
  - (c) be complete, including all notes to the financial statements.
  - (d) correspond to accounting periods already completed and audited.
- Attached are copies of financial statements<sup>1</sup> for the *[number]* years required above; and complying with the requirements

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<sup>1</sup> If the most recent set of financial statements is for a period earlier than 12 months from the date of Application, the reason for this should be justified.

## Form FIN - 3.2 Average Annual Construction Turnover

*[The following table shall be filled in for the Applicant and for each member of a Joint Venture]*

Applicant's Name: *[insert full name]*  
 Date: *[insert day, month, year]*  
 Joint Venture Member Name: *[insert full name]*  
 RFP No. and title: *[insert RFP number and title]*  
 Page *[insert page number]* of *[insert total number]* pages

<b>Annual Construction Turnover Data</b>			
<b>Year</b>	<b>Amount Currency</b>	<b>Exchange rate*</b>	<b>USD equivalent</b>
<i>[indicate calendar year]</i>	<i>[insert amount and indicate currency]</i>		
		Average Annual Construction Turnover **	

\* Refer ITA 14 for date and source of exchange rate.

\*\* Total USD equivalent for all years divided by the total number of years. See Section III, Table 1 Qualification Criteria, and Requirements, 3.2.

## Form EXP - 4.1 Specific DBO Experience

(Table 1, 4.1 and Table 2)

*[The following table shall be filled in for contracts performed by the Applicant, and each member of a Joint Venture]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

RFP No. and title: *[insert RFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

<b>Similar Contract No.</b> <i>[insert number] of [insert number of similar contracts required]</i>		<b>Information</b>			
Contract Identification		<i>[insert contract name and number, if applicable]</i>			
Award date		<i>[insert day, month, year, e.g., 15 June, 2014]</i>			
Design-Build Commissioning Date		<i>[insert day, month, year, e.g., 15 June, 2015]</i>			
Operations period completion date (actual or expected)		<i>[insert day, month, year, e.g. 03 October, 2030]</i>			
Role in Contract <i>[check the appropriate box]</i>		Prime Contract or <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Sub-contractor <input type="checkbox"/>
Total Contract Amount	Capacity of WWTP/STP	<i>[insert total contract amount in local currency]</i>		US\$ <i>[insert Exchange rate and total contract amount in US\$ equivalent] *</i>	
If member in a JV or sub-contractor, specify share in value in total Contract amount and roles and responsibilities		<i>[insert a percentage amount]</i>	<i>[insert total contract amount in local currency]</i>	<i>[insert exchange rate and total contract amount in US\$ equivalent] *</i>	
		<i>[insert roles and responsibilities]</i>			
Description of the similarity in accordance with Section III Table 1, 4.2					
Physical size of required contracts items		<i>[insert physical size of items]</i>			
Complexity		<i>[insert description of complexity]</i>			
Methods/Technology		<i>[insert specific aspects of the methods/technology involved in the contract]</i>			

Other Characteristics	<i>[insert other characteristics as described in Section VII, Scope of Employer's Requirements]</i>
Employer's Name:	<i>[insert full name]</i>
Address:	<i>[indicate street / number / town or city / country]</i>
Telephone/fax number	<i>[insert telephone/fax numbers, including country and city area codes]</i>
E-mail:	<i>[insert e-mail address, if available]</i>

\* Refer ITA 14 for date and source of exchange rate.

## Form EXP - 4.2 Specific Design Experience

(Table 1, 4.2 and Table 2)

*[The following table shall be filled in for contracts performed by the Applicant, and each member of a Joint Venture]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

RFP No. and title: *[insert RFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

<b>Similar Contract No.</b> <i>[insert number] of [insert number of similar contracts required]</i>		<b>Information</b>			
Contract Identification		<i>[insert contract name and number, if applicable]</i>			
Award date		<i>[insert day, month, year, i.e., 15 June, 2015]</i>			
Completion date		<i>[insert day, month, year, i.e., 03 October, 2017]</i>			
Role in Contract <i>[check the appropriate boxes]</i>		Lead design <input type="checkbox"/>	Process design <input type="checkbox"/>	Detailed design <input type="checkbox"/>	Other <input type="checkbox"/>
Total Contract Amount	Capacity of WWTP/STP	<i>[insert total contract amount in local currency]</i>		US\$ <i>[insert Exchange rate and total contract amount in US\$ equivalent] *</i>	
If member in a JV or sub-contractor, specify share in value in total Contract amount and roles and responsibilities		<i>[insert a percentage amount]</i>	<i>[insert total contract amount in local currency]</i>	<i>[insert exchange rate and total contract amount in US\$ equivalent] *</i>	
		<i>[insert roles and responsibilities]</i>			
Description of the similarity in accordance with Section III Table 1, 4.2					
Physical size of required contracts items		<i>[insert physical size of items]</i>			
Complexity		<i>[insert description of complexity]</i>			
Methods/Technology		<i>[insert specific aspects of the methods/technology involved in the contract]</i>			
Other Characteristics		<i>[insert other characteristics as described in Section VII,</i>			

	<i>Scope of Employer's Requirements]</i>
Employer's Name:	<i>[insert full name]</i>
Address:	<i>[indicate street / number / town or city / country]</i>
Telephone/fax number	<i>[insert telephone/fax numbers, including country and</i>
E-mail:	<i>city area codes]</i>
	<i>[insert e-mail address, if available]</i>

\* Refer ITA 14 for date and source of exchange rate.

## Form EXP - 4.3 Specific Construction Experience

(Table 1, 4.3 and Table 2)

*[The following table shall be filled in for contracts performed by the Applicant, and each member of a Joint Venture]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

RFP No. and title: *[insert RFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

<b>Similar Contract No.</b> <i>[insert number] of [insert number of similar contracts required]</i>		<b>Information</b>			
Contract Identification		<i>[insert contract name and number, if applicable]</i>			
Award date		<i>[insert day, month, year, i.e., 15 June, 2015]</i>			
Completion date		<i>[insert day, month, year, i.e., 03 October, 2017]</i>			
Role in Contract <i>[check the appropriate box]</i>		Prime Contractor <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Sub-contractor <input type="checkbox"/>
Total Contract Amount	Capacity of WWTP/STP	<i>[insert total contract amount in local currency]</i>		US\$ <i>[insert Exchange rate and total contract amount in US\$ equivalent] *</i>	
If member in a JV or sub-contractor, specify share in value in total Contract amount and roles and responsibilities		<i>[insert a percentage amount]</i>	<i>[insert total contract amount in local currency]</i>	<i>[insert exchange rate and total contract amount in US\$ equivalent] *</i>	
		<i>[insert roles and responsibilities]</i>			
Description of the similarity in accordance with Section III Table 1, 4.3					
Physical size of required contracts items		<i>[insert physical size of items]</i>			
Complexity		<i>[insert description of complexity]</i>			
Methods/Technology		<i>[insert specific aspects of the methods/technology involved in the contract]</i>			
Other Characteristics		<i>[insert other characteristics as described in Section VII,</i>			

	<i>Scope of Employer's Requirements]</i>
Employer's Name:	<i>[insert full name]</i>
Address:	<i>[indicate street / number / town or city / country]</i>
Telephone/fax number	<i>[insert telephone/fax numbers, including country and</i>
E-mail:	<i>city area codes]</i>
	<i>[insert e-mail address, if available]</i>

\* Refer ITA 14 for date and source of exchange rate.

## Form EXP - 4.4 Specific Operations Experience

(Table 1, 4.4 and Table 2)

*[The following table shall be filled in for contracts performed by the Applicant, and each member of a Joint Venture]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

RFP No. and title: *[insert RFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

<b>Similar Contract No.</b> <i>[insert number] of [insert number of similar contracts required]</i>		<b>Information</b>			
Contract Identification		<i>[insert contract name and number, if applicable]</i>			
Award date		<i>[insert day, month, year, i.e., 15 June, 2015]</i>			
Contract Completion date (actual/expected)		<i>[insert day, month, year, i.e., 03 October, 2017]</i>			
Role in Contract <i>[check the appropriate box]</i>		Prime Contractor <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Sub-contractor <input type="checkbox"/>
Total Contract Amount	Capacity of WWTP/STP	<i>[insert total contract amount in local currency]</i>		US\$ <i>[insert Exchange rate and total contract amount in US\$ equivalent] *</i>	
If member in a JV or sub-contractor, specify share in value in total Contract amount and roles and responsibilities		<i>[insert a percentage amount]</i>	<i>[insert total contract amount in local currency]</i>	<i>[insert exchange rate and total contract amount in US\$ equivalent] *</i>	
		<i>[insert roles and responsibilities]</i>			
Description of the similarity in accordance with Section III Table 1, 4.4					
Physical size of required contracts items		<i>[insert physical size of items]</i>			
Complexity		<i>[insert description of complexity]</i>			
Methods/Technology		<i>[insert specific aspects of the methods/technology involved in the contract]</i>			

Other Characteristics	<i>[insert other characteristics as described in Section VII, Scope of Employer's Requirements]</i>
Employer's Name:	<i>[insert full name]</i>
Address:	<i>[indicate street / number / town or city / country]</i>
Telephone/fax number	<i>[insert telephone/fax numbers, including country and city area codes]</i>
E-mail:	<i>[insert e-mail address, if available]</i>

\* Refer ITA 14 for date and source of exchange rate.

**Form EXP - 4.5**  
**Specific Experience in Managing ES aspects**

*[The following table shall be filled in for contracts performed by the Applicant, and each member of a Joint Venture]*

Applicant Name: \_\_\_\_\_

Date: \_\_\_\_\_

Applicant JV Member Name: \_\_\_\_\_

ISD No. and title: \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_ pages

Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Subcontractor <input type="checkbox"/>
Total Contract Amount			US\$	
Details of relevant experience				

1. Key Requirement no 1 in accordance with 4.5, Table 1: \_\_\_\_\_

2. Key Requirement no 2 in accordance with 4.5, Table 1: \_\_\_\_\_

## **Section V - Eligible Countries**

### **Eligibility for the Provision of Goods, Works and Services in Bank-Financed Procurement**

In reference to ITA 5.1, for the information of the Applicants, at the present time firms and individuals, supply of goods, or contracting of works or services, from the following countries are excluded from this Initial Selection process:

Under ITA 5.1 (a): Israel

Under ITA 5.1 (b): None



# **Section VI - Fraud and Corruption**

**(Text in this Section VI shall not be modified)**

## **1. Purpose**

1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

## **2. Requirements**

2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

2.2 To this end, the Bank:

a. Defines, for the purposes of this provision, the terms set forth below as follows:

- i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
- ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
- iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
- v. "obstructive practice" is:
  - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
  - (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.

b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;

- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti-Corruption Guidelines, and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such a firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;<sup>1</sup> (ii) to be a nominated<sup>2</sup> sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in request for bid/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect<sup>3</sup> all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

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<sup>1</sup> For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

<sup>2</sup> A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification Application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

<sup>3</sup> Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

## **PART 2 – Employer’s Requirements (Draft)**

# **Section VII - Scope of Employer’s Requirements**

## **Contents**

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## **1. Description of the Works and Operation Services (Design, Build and Operation)**

Dhaka is capital city of Bangladesh and one of the fastest growing megacities in the world performing key role as economic and political hub. Due to the rapid development and population growth in urban area, the expansion and rehabilitation of the sewerage system became necessary for addressing environmental issues such as wastewater management and drainage for sustainable development.

By recent studies, only about 20% of the city is served by piped sewer networks. For decades, lack of proper sanitation facilities makes ground and surface water polluted with untreated domestic sewage which is threatening the health of population in Dhaka city. Existing sewer networks capacity is insufficient to convey currently generated sewage. This problem is expected to be worsen gradually as population increase in future. Current sewer networks require major upgrading, extension, and separation of the combined sewer system to separate sanitary and storm-water sewer system.

Beyond old Dhaka, the other urbanized areas within the catchment area, except the Khilgaon area, have been developed without proper urban planning. The unplanned development of the areas has resulted in congestion and compact inhabitation and settlement which made difficult to implement further infrastructure development. In addition, insufficient development of internal road networks causes frequent traffic jam across the city.

Considerable population are served via the existing piped sewerage system managed by DWASA, but the dwellers of slum, squatter and fringe settlements still have no access to the piped sewerage system and rely on the use of septic tanks and pit latrines.

The majority of the catchment, under the Project boundary, is currently served by piped sewerage system and transfers sewage to Pagla STP for treatment. Due to malfunction of both existing sewerage network and treatment plant, DWASA is planning to rehabilitate or replace existing system for future use. For investment of such work, the Government of the People’s Republic of Bangladesh has received funds from the World Bank (International Development Association) (IDA) and Asian Infrastructure Investment Bank (AIIB) for implementation of “Dhaka Sanitation Improvement Project”

The Contract Package involves the design, build and operation of a sewage treatment plant, and a sludge treatment facility and capacity building for future operators.

Domestic wastewater will be collected (under different packages) and will arrive by gravity at the Pagla STP where it will be pumped to the inlet of the new treatment works.

### **1.1 Project Area and Site Location**

The Project area, Pagla catchment, is located in southern area of Dhaka district. The area encompasses approximately 64 km<sup>2</sup>, including seventeen Thanas, namely Bangshal, Chak bazar, Gendaria, Demra, Jatrabari, Kadamtali, Khilgaon, Kotwali, Lalbagh, Motijheel, Paltan, Ramna, Rampura, Sabujbagh, Shahbagh, Shyampur and Sutrapur which are divided into more fragmented Thana compared to what Master Plan indicated on the basis of census 2001.

The Pagla catchment is characterized as being predominantly urbanized. Shyampur and Demra areas in south-east are going through rapid development. Old Dhaka, the historic urban core of the city which runs along the eastern bank of Buriganga River, comprise the Lalbagh, Kotwali and Sutrapur

Thanas. Old Dhaka consists of a complex mixture of commercial and residential areas. The physical infrastructures are overloaded and inadequately maintained. Roads are narrow and congested, and generally flanked by old multi-storied low to medium rise apartment buildings.

The site (23°40'51" N, 90°27'04" E) is located about 8 km away at the south-east portion of Dhaka city and about 1 km north of the river, Buriganga.

## 1.2 Climate and Temperature

Bangladesh has a climate with the typical seasonal variations influenced by monsoon, temperature, rainfall and weather. Cool and dry winter from December to March is followed by rainy season and enters hot and humid summers from May to October. These two seasons are separated by short spring and autumn season as transition with rapid change in weather conditions. In summer, high temperatures with often heavy rains are dominating. In winter, the temperature and humidity is the lowest for the year with the least amount of rainfall.

Dhaka has an average temperature of 25 °C and monthly means varying between 18 °C in January and 29 °C in August. Cold weather is unusual in and around Dhaka. When temperatures decrease to 8 °C or less, people without warm clothing and living in inadequate homes struggle with the cold.

**Table 1. Annual Temperature of Dhaka City (°C)**

Category	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Highest	32.2	36.1	39.4	40.6	41.7	39.4	37.2	36.1	37.2	36.1	34.4	31.7
Av. Max	26.3	29.2	33.4	34.6	34.3	32.6	31.2	31.3	31.7	31.3	29.1	26.7
Av. Min	13.6	16.1	21.0	24.2	25.6	26.1	26.2	26.2	26.0	24.3	19.1	14.7
Lowest	7.2	7.2	10.0	17.8	18.3	21.7	21.7	22.2	22.8	17.8	11.7	7.2

## 1.3 Rainfall

Nearly 80% of the annual average rainfall of 1,854 mm occurs during the monsoon season which lasts from May until the end of September. Specific data recorded at the meteorological station of the Dhaka city are set out in the following table:

Category	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Rainfall (mm)	7	28	65	156	339	340	373	316	300	172	34	12
Number of Rainy Day	2	3	5	10	15	14	17	16	13	7	2	1

## 1.4 Relative Humidity of the Air

The elevation above mean sea level and the distance from the coast have considerable effects on the relative humidity which to a large extent are a reflection of temperature differences. Humidity may be described as average or slightly low at 65 to 77% during winter days and at night throughout the year. Near midday in summer it is very low with values on the central plain usually a little over 30% and occasionally as low as 15%. Fog is infrequent and usually confined to the early mornings. Visibility is generally very good or excellent but on a few days each spring the atmosphere is very hazy with dust brought from the Arabian and African deserts.

Relative Humidity in %	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
9 A.M.	73	71	73	76	78	83	86	85	83	78	62	72
6 P.M.	62	55	55	65	74	82	84	84	83	78	69	67

### 1.5 Geography and Geology of Project Area

Dhaka is located in central Bangladesh at 23° 42'N, 90° 22'E, on the eastern banks of the Buriganga River. The city lies on the lower reaches of the Ganges Delta and covers a total area of 306.38 km<sup>2</sup>.

Bangladesh and northeast Indian states have been one of the seismically active regions of the world, and have experienced numerous large earthquakes during the past 200 years at an average rate of one in every 30 years. The catastrophic earthquakes of year 1762 and 1782 are believed to have been partially responsible for the diversion of the Old Brahmaputra River from the west of Mymensingh to the present Jamuna Channel and the diversion of the Ganges River from its main Arial Khan tributary to the present Padma channel. Since year 1860 over 20 shallow and intermediate major earthquake epicenters have been recorded in Bangladesh and surrounding area.

On the basis of distribution of earthquake epicenters and morphological behavior of different tectonic blocks, Bangladesh has been divided into three generalized seismic zones. The northeastern folded regions of Bangladesh are the most active zones and belong to the zone 3. The Bask seismic coefficient of this zone is 0.25. The zone 2 consists of the regions of recent uplifted Pleistocene blocks of the Barind and Madhupur and the western extension of the folded belt and the Bask coefficient for this zone is 0.15. The southwest Bangladesh is seismically quiet zone and represented by zone 1 with Bask coefficient 0.075. Dhaka city, this project area, is located in seismic zone 2.

## 2. Functional and/or Performance Requirements

### 2.1 The Schedule of Performance Standards

The Contractor shall plan, design, construct, operate and maintain the Works as necessary to meet the standards specified in the Schedule of Performance Standards. In the case of any conflict between the standards specified in these Employer’s Requirements and those specified in the Schedule of Performance Standards, the requirements of the Schedule of Performance Standards will take precedence.

The Employer may, subject to any conditions that (in its sole discretion) it may deem appropriate, agree to a temporary and limited relaxation of such standards to undertake planned maintenance during the Operation Service Period.

### 2.2 Limitations on process selection and design

The process selection and design is based on “limited Technologies” to selected processes for this tender. The Sewerage Master Plan for Dhaka city reviewed several possible treatment processes to be adopted for Pagla STP. Among those internationally recognized process with sufficient track records of application, few families of technologies are only allowed in the proposal as per the required effluent standard. The proposer should design as required in the Employer’s requirement to show that the proposed technology is capable to satisfy level of performance. Acceptable “families of technologies” are i) conventional activated sludge; ii) modern trickling filter, and iii) combinations of i) and ii).

### 2.3 STP Flows and Capacity Requirement

The Contractor shall design and build the Works to meet the minimum capacity requirements specified in the Schedule of Performance Standards, and shall ensure that such capacity is available throughout the Operation Service Period.

The (STP) shall be designed for the following wastewater flows (including a small quantity of septage):

Average daily flow rate	: 200,000 m <sup>3</sup> /day i.e. 200 MLD
Hourly Peak flow rate	: 12,500 m <sup>3</sup> /hour

The sewage treatment plant (STP) shall be also used to treat septage removed from septic tanks. The estimated volume of septage are 30m<sup>3</sup> per day.

## 2.4 Raw Wastewater Characteristics, Effluent Standards and Requirement for Dewatered Sludge

### 2.4.1 Base data on wastewater influent characteristics

Wastewater is mainly from domestic sources. Septage shall be discharged to the inlet box after preliminary treatment and mixed with influent wastewater. Raw wastewater is expected to have the following characteristics:

#### Influent Sewage Characteristic

BOD5	: 350 mg/L (70,000 kg BOD5/day)
COD	: 750 mg/L (150,000 kg COD/day)
SS	: 400 mg/L (80,000 kg SS/day)
T-N	: 60mg/L (12,000kg T-N/day)
pH	: 6.5 ~ 8.0
Fecal Coliform	: 10 <sup>7</sup> MPN / 100 mL

Temperature	: 20 ~ 30 °C
<u>Septage characteristic</u>	
BOD5	: 800 mg/L (24 kg BOD <sub>5</sub> /day)
COD	: 4,000 mg/L (120 kg COD/day)
SS	: 6,600 mg/L (198 kg SS/day)

#### 2.4.2 Effluent discharge requirements

Treated effluent discharged from the Works shall at all times comply with the discharge standards specified in the Schedule of Performance Standards.

The treatment plant shall produce effluent that consistently meets the following performance requirements.

BOD5	: Not more than 30 mg/L
COD	: Not more than 120 mg/L
SS	: Not more than 30 mg/L
TAN (NH <sub>4</sub> -N + NH <sub>3</sub> -N)	: Not more than 15 mg/L
Fecal Coliform	: Not more than 1,000 MPN/100 ml

The treated effluent shall be discharged into the Buriganga River. The Contractor is responsible to construct discharge pipeline from disinfection facility to Buriganga River in adequate diameter. The expected length of the pipeline is approximately 2 km.

#### 2.4.3 Requirements for Dewatered Sludge

The design of sludge dewatering processes must be such that dewatered sludge cake meets following criteria.

- Water Contents: Less than 75%
- On-site storage requirements: 2 days
- Minimum required solids capture rate  $\geq$  95%
- Sludge final disposal shall be under responsibility of the Contractor

### 2.5 Any other Significant Features

#### 2.5.1 On-site power generation

For sludge management of the Pagla STP, on-site power generation is mandatory using methane gas generated from sludge digester. The facilities must be designed for 100% of the estimated biogas production and the produced electric power shall be used directly at Pagla STP only. Supply to the national power grid and reimbursement of generated electric power is not foreseen.

#### 2.5.2 Septage Reception and Treatment

Pagla STP shall be capable to treat not only influent sewage from the sewer networks but also discharged septage at the STP site. Amount and the characteristic of those septage have been indicated in chapter 2.4.1. The Contractor shall design, construct and operate decanting station located within the boundary of the STP. During tender stage, the proposers shall provide preliminary design with location, decanting point and treatment method. After mechanical pre-treatment, the received septage shall be split into a liquid fraction that will undergo treatment together with raw sewage, and a solid fraction that will undergo thickening and digestion together with sewage sludge.

#### 2.5.3 Existing Facilities

The operation of the existing facilities at Pagla STP will not fall under the responsibility of the contractor for the Pagla STP. However, the existing facilities should be kept in operation (by DWASA) during construction of the new Pagla STP to the extent possible. The Contractor is hence required to come up with a well-defined strategy how operation of existing facilities and construction of new facilities can be coordinated without any interference. Once the new facilities are in operation, the operation of old facilities can be stopped completely.

### **3. Implementation Period**

1. Time for Design & Build of the Pagla STP from date of commencement as defined in the Conditions of Contract: 40 months
2. Defect Liability Period (DLP) shall be counted after successful completion of guarantee test: 12 months
3. Time for Operation of the STP from the date of completion of defect liability period: 60 months. However, the detailed methodology for this operation period will be provided later on in the RFP.
4. Contract Period i.e. Design-Build Period plus Operation Service Period of the Pagla STP: 112 months.

### **4. Environmental, Social, Health and Safety (ESHS) Requirement**

The Employer has certain policy to meet the environmental, social, health and safety requirements for the project. The policy has the commitments to:

1. apply good international industry practice to protect and conserve the natural environment and to minimize unavoidable impacts;
2. provide and maintain a healthy and safe work environment and safe systems of work;
3. protect the health and safety of local communities and users, with particular concern for those who are disabled, elderly, or otherwise vulnerable;
4. ensure that terms of employment and working conditions of all workers engaged in the Works meet the requirements of the ILO Labour Conventions to which the Employer’s country is a signatory;
5. be zero tolerant of, and enforce disciplinary measures for illegal activities; and be intolerant of, and enforce disciplinary measures for GBV, inhumane treatment, sexual activity with children, and sexual harassment;
6. incorporate a gender perspective and provide an enabling environment where women and men have equal opportunities to participate in, and benefit from, planning and development of the Works;
7. work co-operatively, including with end users of the Works, relevant authorities, contractors and local communities;
8. engage with and listen to affected persons and organizations and be responsive to their concerns, with special regard for vulnerable, disabled, and elderly people;
9. provide an environment that fosters the exchange of information, views, and ideas that is free of any fear of retaliation, and protects whistleblowers;
10. minimize the risk of HIV transmission and to mitigate the effects of HIV/AIDS associated with the execution of the Works;
11. World Bank Group EHS Guidelines;
12. Relevant international conventions or treaties etc., national legal and/or regulatory requirements and standards (where these represent higher standards than the WBG EHS Guidelines);

13. Relevant international standards e.g. WHO Guidelines for Safe Use of Pesticides; and
14. GBV/SEA prevention and management.

**NB: The texts of the Employer’s Requirements described above are very preliminary and at draft stage. These Employer’s Requirements will be described more elaborately during the Request for Proposal (RFP) stage.**