



বঙ্গবন্ধু জল উন্নয়ন বোর্ড

BANGLADESH WATER DEVELOPMENT
BOARD

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Memo No: WDB/CEIP/445

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**Request for Expressions of Interest (EOI) for
Consultancy Services for Detail Design, Construction Supervision & Project
Management Support for CEIP-I**

Bangladesh

Coastal Embankment Improvement Project, Phase-I (CEIP-I)

Consultancy Services for Detail Design, Construction Supervision & Project
Management Support for CEIP-I

(Contract Package No.CEIP-1/B2, B3 & C1/S-2)

Credit No-5280- BD

Project ID No.:P128276

Introduction

The People's Republic of Bangladesh (GOB) has received a credit from International Development Association (the Bank) in an amount of US\$ 375 million and a Grant from Pilot Program for Climate Resilience (PPCR), one of the targeted programs of the Strategic Climate Fund (SCF) under the Climate Investment Funds (CIF) of US\$ 25 million to meet the implementation cost of the CEIP-1. The overall project development objective is to increase the resilience of coastal population to natural disasters and climate change by rehabilitating and improving the polder system in the contiguous six coastal districts comprising Satkhira, Khulna, Bagerhat, Pirojpur, Barguna and Patuakhali Districts. The proceeds from this credit would be used to eligible payments under this contract as mentioned above.

Project Background

A feasibility study was conducted for 17 polders in the six coastal districts mentioned above. Detailed designs have been prepared for 5 (of the 17) polders along with the Environmental Impact Assessment (EIA), Environment Management Plans (EMPs) and Resettlement Action Plans (RAP).

Scope of Services

Consulting services are required for: (i) review and updating of designs already prepared along with EIA, RAP, bidding documents and prequalification of contractors etc; (ii) preparation of detailed designs and associated engineering and environment and social studies (EIA, EMP, RAPs etc) and preparation of bidding document for all remaining polders; (iii) support in procurement, construction supervision as the "engineer" and contract management for all works under the project implementation including monitoring the implementation of the EMP and implementing RAPs for each polder and (v) provide project management support to the Project Management Unit (PMU) in charge of the project at BWDB.

The Rehabilitation and Upgrading of the Polders mainly encompass Construction/ Re-sectioning of Embankment, Construction of Drainage Sluices/Flushing Inlets, Repairing of Drainage Sluices/Flushing

Inlets and Construction of Closure Dam and other works required. The works would be carried out primarily through large International Competitive Bidding contracts using World Bank Guidelines and the Standard Bidding documents.

The **broad tasks** will include:

- **A. Review and Updating of the Designs already prepared.** The consultants would review and update the designs already prepared for 5 polders. They would also update and carry out any additional engineering studies, investigations and social and environmental studies. They would update the bidding documents so that they can be used for ICB bidding according to the World Bank Guidelines.
- **B. Prepare Detailed Design and Environment and Social Studies.** This task would cover preparation of detailed designs and bidding documents for remaining polders that are approved to be included in the Project. The design report would be prepared for each contract package consisting of engineering, environment and social with appropriate EIAs, EMPs and RAPs.
- **B.1 Update Modeling for Detailed Design. Hydrological, Hydraulic and Morphological study and Mathematical Modeling for remaining Polders:** In order to develop best strategy for improving the performance of coastal embankment in a sustainable way with minimum O&M requirements, the Consultants shall carry out necessary hydrologic, hydraulic, river and estuarine dynamics, sediment transport, and morphological modeling according to the best international practices in the sector. In doing that, the Consultants would consider the changes that have been taken place in the coastal area morphology. The Consultant will use satellite imagery and storm surge modeling.
- **B.2 Preparation of Detailed Design and Bidding Documents.** This task will cover the preparation of detailed design and bidding documents for the remaining polders. It is important that the design of the polder scheme follows the most up to date standards and codes and be fully based on ground information and modeling results.
- **B.2 Preparation of EIA and EMP.** BWDB has already developed an Environmental Management Framework (EMF) for the Project. The EMF provides the guidelines to comply with national legislation and World Bank safeguards policies, and defines all environmental requirements and management plans needed for the reconstruction/rehabilitation of all polders as well as for the afforestation program. This task will cover the preparation of EIA/EMP for each remaining polder. This EIA/EMP would form part of the design report mentioned above.
- **B.3 Preparation of RAPs.** This task will include the preparation of RAP for all remaining polders; The RAPs shall be prepared in accordance with the GOB policies, and the World Bank Operational Policy (OP) 4.12 in Involuntary Resettlement and the Social Management and Resettlement Policy Framework (SMRPF) already developed for this project.
- **C. Construction Supervision, Contract Managements and Administration and Role as Engineer and implementation of EMP and RAP.** The Consultants would be responsible for all construction supervision contracts (covering CEIP-I works) including supervising the implementation of the EMP and implementing the RAP in each polder.

- **C.1. Construction Supervision.** Being designated as the **Engineer** for the civil works, goods, and equipment supply and installation, the Consultant would be responsible for inspection and supervision of the construction works, installation of equipment and testing of construction material. The Consultant will ensure that the works implemented and goods supplied are in accordance with the designs, specifications and terms and conditions of the relevant contracts and standards. The Consultants would assist Project Director to ensure that procurement of goods, services, civil works contracts is in accordance with the World Bank Policies and guidelines, the contract are signed, and managed properly including any changes or variation orders necessary during implementation.
- **C.2 Monitoring the Implementation of the EMP.** The Contractor will be responsible for supervising the implementation of the EMP. The EMP is expected to be implemented by the Contractor responsible for the works. The Consultants will be responsible for overseeing the proper implementation of the EMP on the ground and for implementing any part that is not handled by the Contractor.
- **C.3 Implementation of RAPs.** Major activities to be carried out for implementation of RAPs will include review available IOL in each polder against the current design and land acquisition plan, update the IOL, compensation and entitlement rates, where necessary, and **update** the land acquisition and resettlement budget with up-to-date data and review the SIA, land acquisition status and civil works schedule and develop all inclusive RAP implementation plan in agreement with the BWDB, the civil works contractors and the PAPs.
- **D. Project Management Support.** This task will include project management support, assistance to BWDB in institutional setup for project implementation, technical assistance, training, setting up of project office if needed, support in project implementation and procurement planning, carrying out procurement, financial management, contract management, etc. The Consultants will provide support to BWDB in overall project management in activities such as preparation of project implementation plans, annual expenditure planning budgeting and financing forecast and plans, monthly reports and annual reports or work programs as required by the Government of Bangladesh and financiers of the project.

Qualification/ Selection / Association

Bangladesh Water Development Board (BWDB) under the Ministry of Water Resources now invites eligible consulting firm(s) to indicate their interest in providing the above mentioned services. Interested consultants must provide information indicating that they are qualified to perform the services (such as: brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, etc.). The financial capability should be shown as Financial Turn Over supported by audited financial reports for the last five years.

The consulting firm(s)/consortia should have internationally acclaimed engineering or relevant professional experience and encouraged to have association with qualified local consulting firm(s) of Bangladesh. The form association, if any, should be clearly indicated either “joint venture” or “sub-consultancy”; and all members should have well defined inputs to the assignment. In the case of joint-venture, all firms/entities shall be jointly and severally liable for the entire consultant’s obligations under the contract. In case of sub-consultancy, the lead firm shall sign the contract and shall be liable for the entire consultant’s obligations under the contract. It is preferable to limit the total number of firms including their associates to maximum of four.

The EOIs would be reviewed on the basis of the following aspects to prepare a short list:

1. Registration of Firm.
2. Age of Firm.
3. Availability of Professionals with Appropriate Skills
4. Annual Turnover
5. Availability of Resources
6. Experience of the Firm in Similar Task.
7. Experience of the Firm in Other Services.
8. Support Services of the Firm.

Selection Procedure

Selection of the firm will be based on QBS (quality based selection) in accordance with the procedures set out in the World Bank's *Guidelines: Selection and Employment of Consultants by World Bank Borrowers* published by the Bank in January 2011.

Further Information

Interested consultants may obtain further information at the address below during regular office time 09:00 to 17:00 hours (GMT+06:00) on all working days. They may also obtain further information in the BWDB's official website: www.bwdb.gov.bd. The notice of request for EOI is also available in CPTU's official website: www.cptu.gov.bd.

Submission Due Date

Expressions of Interest must be delivered to the address below by **August 22, 2013** in four sets (1 original+ 3 copies) and clearly marked "**Expression of Interest**" for the "*Consultancy Services for a) Construction Supervision & Detailed Design, b) Preparation of EIA and c) Preparation and Implementation of RAP for CEIP-I (Contract Package No.CEIP-1/B2, B3 & C1/S-2)*".

Right to Select/Reject

The authority reserves the right to accept or reject any or all the EOIs, or annul the process at any stage without assigning any reason(s) whatsoever and without incurring any liability to the affected applicant(s).

(Md. Sarafat Hossain Khan)

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