

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH

MINISTRY OF WATER RESOURCES

FEASIBILITY STUDY AND DETAILED ENGINEERING DESIGN OF BRAHMAPUTRA BARRAGE

TERMS OF REFERENCE

FOR

CONSULTING SERVICES FOR PROCUREMENT SPECIALIST

WATER RESOURCES PLANNING ORGANIZATION (WARPO)

1. BACKGROUND

The Brahmaputra is a major trans-boundary river and contributes about two-thirds of the total dry season flows in Bangladesh. Flows in the Brahmaputra and her distributaries in the Brahmaputra Dependent Area, especially in the dry season, are needed locally for maintaining a favorable environment, for carrying out agricultural activities and for domestic, commercial and industrial uses. Also, these riverine networks are vital communication routes, particularly for the more isolated parts of the region, and provide a low-cost transportation facility for the rural poor. Since Bangladesh economy is essentially agrarian based, it accounts for about 35% of the country's GDP and 60% of the exports and sustains over 75% of the labor force, the country as a whole would be benefitted from the dry season flows in the Brahmaputra River if a Barrage is commissioned.

The Government recognizes that over-dependence on groundwater is not wise. Increased emphasis must be given now to harness and develop the nation's Major River's surface water resources so that in the long run a balance can be struck between the use of surface and groundwater. Under the above context the Brahmaputra Barrage provides an opportunity to meet the deficit in the Northwest and the North Central regions in the near future. Therefore the People's Republic of Bangladesh (GOB) has approved a study proposal for carrying out **"Feasibility Study and Detailed Engineering Design of Brahmaputra Barrage (FSBB)"** in Bangladesh.

2. PROJECT OBJECTIVES

The main objective of the study is to conduct a detailed feasibility study, socio-economic, environment and other hydraulic and hydro-morphological survey and study, and detailed engineering design for the construction of a barrage and associated engineering infrastructures across the river Brahmaputra for integrated water resources development in the Brahmaputra Barrage Command Area in Bangladesh.

The proposed Brahmaputra Barrage Project will mitigate some of the adverse effects and ensure an integrated water resources development in the Brahmaputra Barrage Command Area (BBCA) as mentioned below:

- The Barrage would allow Bangladesh to make optimum use of the water that is available in the river Brahmaputra River.
- The Brahmaputra River is the main potential source of surface water in the Northwest (NW) and North Central (NC) regions of Bangladesh. With the construction of the Brahmaputra Barrage, the irrigated area will cover most of the Northwest, part of the North Central and part of North East (NE) regions.
- The Barrage would reduce the dependency on excessive use of groundwater in the NW and NC regions enabling operation of shallow tube wells and hand tube wells for drinking water purposes.
- Water supplies through the old Brahmaputra River will meet the left over water deficit in the NE region, which will help to solve the existing socio-economic and environmental impacts of the areas due to water stress.
- Augmentation of the flows in all distributaries and other rivers in the North Central and Northwest regions so that the existing water deficit areas would be covered for irrigation; and natural environment can be restored in respect to fisheries, navigation, ground water, forestry, and human health.

3. OBJECTIVE OF THE SERVICES

The main objective of the national individual consultant services is to provide PD, FSBB a continuous support in all sorts of activities related to smooth and transparent procurement of goods, services and works included under Project Components as per Procurement Plan following PPR-08 (Public Procurement Rules, 2008) and PPA-06 (Public Procurement Act-06). This includes preparation of all bidding documents of works, and goods, EOI and RFP for consulting services based on the PPR-08 including supporting the process of evaluation of bids/proposals. The services also include assist the Project Director in monitoring, administering and managing of all the contracts of the Project throughout project life as per contract provision, PPR, PPA etc.

4. SCOPE OF SERVICES

The Procurement Specialist (National) as Individual Consultant will assist the PD, FSBB in respect to procurement of all Consulting Services, Goods and Works right from preparation of EOI and assessment for short listing, preparation of RFP and the evaluation of technical proposals, evaluation of Bids for works and goods under the component of the project. The Procurement Specialist will specifically be responsible in assisting the PD, FSBB for the following functions:

- Preparing tender documents, EOI, RFP etc as per government rules for the specific procurement packages
- Review draft prequalification/bidding documents prepared by the Consultant and suggest correction, modification as needed according to relevant procurement guidelines / rules
- Assist in Bid Evaluation, assessing short listing of Firm, evaluation of RFP
- Check the published bid documents/RFP in conformity with approved project documents, preparation of documents for publication in WARPO and CPTU website after contract award as per guidelines
- Provide guidance to PD, FSBB in monitoring, administering and management all the Contracts under the Project as per provision of the contracts
- Carry out the above services in the best interest of the government with reasonable care, skill and diligence with sound engineering, administrative and financial practice
- Perform any other relevant activities /tasks assigned by the Project Director

5. DURATION

The consultant shall perform the service for about 180 days up to June 2020 commencing tentatively from August 2017 or any other period as may be subsequently agreed by the party in writing.

6. REMUNERATION: Negotiable

7. RESPONSIBILITIES OF WARPO

WARPO will provide necessary assistance to the PD, FSBB and the Procurement Specialist in carrying out his/her activities under FSBB. PD, FSBB would provide appropriate office space to

carry out his/her roles and responsibility. WARPO would provide data, access to the project related information that may be necessary for Procurement Specialist to carry out its duties and access to beneficiaries, contractors, consultants and Government line departments and ministries. The specialist will have to arrange own transportation for attending office on all regular workdays.

8. QUALIFICATION AND EXPERIENCE

The Procurement Specialist shall have the following qualification and experiences:

- (a) Bachelor Degree in Civil Engineering/Water Resources Engineering
- (b) Minimum 20 Years professional experiences in which he should have at least 12 years works experiences in the field of public procurement or have had responsibilities with a substantial content of his position in the procurement area. (e.g. the Public Procurement Act 2006 (PPA) and the Public Procurement Rules 2008 (PPR); ability in identifying and resolving procurement issues).
- (c) Specialized knowledge and significant experience in 2-3 substantive areas/aspects of procurement (e.g. procurement of goods, various forms of construction contracts; selection/contracting of consultant services; public procurement policies; practices)
- (d) Basic knowledge and understanding of e-GP
- (e) In depth knowledge of technical, commercial and legal aspects of procurement in development projects, financed by government is preferred;
- (f) Fully conversant and possessing skills in MS word, Excel and other software application on procurement monitoring system. Troubleshooting will be added advantages;
- (g) Strong communication skills in presenting, discussing and resolving difficult issues. Ability to work efficiency and effectively in a multidisciplinary team