**Terms of Reference and Scope of Services**

**for**

**Junior Civil Engineer**

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| **Package Name** | Services from Junior Civil Engineer, Individual Consultant |
| **Package Number** | Service No. BRWTP-S14/18 |
| **Assignment Duration** | 55 (fifty five)person-months each |
| **Number of Positions** | 02 (two) |
| **Location of Assignment** | Project Sites, Bangladesh |
| **Funding Source(s)** | IDA (Credit No. 5842-BD) |
| **Contracting Entity** | Project Director, Bangladesh Regional Waterway Transport Project-I, BIWTA |

**Background:**

The Government of the People’s Republic of Bangladesh (GoB) has received an SDR 254 million Credit from the International Development Association (IDA) – a member of the **World Bank Group** – for financing the cost of the Project- tilted “Bangladesh Regional Waterway Transport Project 1(Dredging in Chattogram-Dhaka-Ashuganj IWT Corridor along with associated linked routes and construction of terminal with allied infrastructure” (hereinafter titled “BRWTP-1”), being implemented by the Bangladesh Inland Water Transport Authority (BIWTA), and intends to apply part of the IDA Credit for procuring the services of an individual International Procurement Consultant for its Project Implementation Unit (PIU).

The development objective of the project is to improve transport efficiency, reliability and safety for passengers and cargo on priority inland waterways along the Chattogram-Dhaka-Ashuganj Inland Water Transport Corridor of Bangladesh. The project is also being implemented within the broader context of the BBIN/Eastern Corridor regional program which aims to facilitate the movement of passengers and cargo on multimodal transport networks for the benefit of traders, transporters, producers, passengers and communities in Bangladesh, Bhutan, India, and Nepal (BBIN).

The Project consists of three major components: (i) Improved Inland Waterway Navigation (Component 1) will include work to maintain and increase advertised depths and to delineate channel routes through provision of long-term navigation and utilizing the mechanism of performance based contracts (PBCs); (ii) Improved Services at Priority Inland Waterway Terminals and Landing Stations (Component 2) to support the development of two cargo terminals, four passenger terminals and 15 landing ghats (stations); and (iii) Institutional Capacity Development and Sector Sustainability (Component 3) comprising of a series of activities to support overall enhancement of the management systems and human resources capacity of BIWTA for modern, efficient, and high quality management of the IWT sector in line with international standards.

BIWTA, an autonomous body established under the Ministry of Shipping is the implementing agency of the Project and is responsible for its overall implementation, management and monitoring. BIWTA was set up for development, maintenance and operation of inland water transport and waterways in Bangladesh. Strategic management functions are performed by a Board of Directors which is headed by its Chairman – holding the rank of an Additional Secretary of the Government – and supported by senior officials of the Government of Bangladesh (GoB).

**Introduction:**

**The Project is centered on the main Dhaka-Chattogram IWT route, with branches to Ashuganj, Ghorashal and Barishal.**

The project comprises several components to improve the navigational routes through dredging and installation & maintenance of aids to navigation along the Dhaka-Chattogram IWT route, with link routes and select inland waterway ports and terminals, especially:

a) Capital and maintenance dredging, installation and operation of aids to navigation and construction and maintenance of Vessel Storm Shelters (VSS) and Idle Berthing Centers (IBC);

b) New General Cargo Terminals at Pangaon adjacent to existing Container Terminal and, the upgrade/modernization of General Cargo Terminal at Ashuganj;

c) New Passenger Terminals at Shasanghat and Chandpur and, upgrade/modernization of Passenger Terminals at Barishal and Narayangany along with up-gradation of the DEPTC at Narayanganj;

d) New construction / upgrade of 15 Landing Stations (launch ghats), four Vessel Storm Shelters, and two Idle Berthing Centers along Dhaka-Chattogram waterways.

**Objective of the Consultancy**

The objective of this consultancy is to assist the BIWTA Project Implementation Unit (PIU) in all matters relating to the development of inland river terminals, landing ghats, vessel storm shelters, idle berthing centres and waterway improvements through dredging and installation & maintenance of Aids to Navigation etc.

**Scope of Work**

This assignment for the **Junior Civil Engineer** who will work within the PIU and his/her specific tasks, duties and responsibilities shall include but not be limited to:

* Assist the PIU in connection with bidding documents related to construction of passenger & cargo terminals, Landing Ghats, Vessel Storm Shelters, Idle Berthing Centres, dredging works, dredged material disposal management and installation & maintenance of Aids to navigation etc.;
* Assist in managing procurement processes including tender invitation, receiving and evaluation etc.;
* Review/check documents like invoices, MBs, bills etc. and report observations/findings thereby to place before his/her supervisor.
* S/he will be stationed at suitable office(s) seemed convenient to the Employer to provide with all relevant field based service deliveries thereby;
* S/he will assist PIU in the supervision of construction/installation/survey works through extensive site visits ensuring qualitative and quantitative aspects;
* Liaise with concerned agencies/offices in connection with land acquisition/requisition/lease and any other project related issues;
* Assist to carry out all works as may support the successful preparation and execution of terminal infrastructures, DEPTC, landing ghats, and vessel storm shelters’ activities in the project.
* Any other activity instructed by his/her supervisor as deemed necessary for the interest of the project.

**Qualifications**

1. At least Diploma in Civil Engineering/Civil & Environmental Engineering/Water Resources Engineering from any public Polytechnic Institute or equivalent.
2. At least Five (5) years experience in Civil Engineering Construction Sector. Experience in Inland River Terminal/River Bank Protection/Hydraulic Structures/Dredging works shall be preferred.
3. Experience and skills with Construction Supervision & Management is a mandatory requirement. Knowledge in Auto-CAD will be an added advantage.
4. Excellent working skills in an ICT environment.

**Type & duration of contract**

The contract used for the proposed consulting services shall be standard Time-based contract. Duration of the contract will be 55 (fifty five) person-months for each Individual Consultant subject to satisfactory performance.

**Reporting**

He/she will be reporting to the PIU official as assigned by the Project Director, BRWTP1 project.