

# **Bangladesh Municipal Development Fund (BMDF)**

## **Municipal Governance and Services Project (MGSP)**

### **Terms of Reference for Quantity Survey Engineer**

#### **A. BACKGROUND**

Bangladesh is one of the most populous as well as one of the most densely populated countries in the world. About 28% of its 150 million people live in the urban areas of the country. Urban governance remains a key challenge to harness Bangladesh's growth and poverty reduction. In response to the urban governance challenges, the Seventh Five Year Plan (SFYP) of the Government of Bangladesh lays out the government priorities to address human service delivery deficiencies and to further reduce urban poverty.

The government is implementing the Municipal Governance and Services Project (MGSP) with assistance from the World Bank, through the Local Government Engineering Department (LGED) and Bangladesh Municipal Development Fund (BMDF). The project aims to improve municipal governance and basic urban services in participating urban local bodies (ULBs), and improve the recipient's capacity to respond promptly and effectively to an eligible crisis or emergency.

#### **B. BMDF**

The project has four components of which, BMDF is responsible for Component 2 that aims to provide demand-based sub-credits financing to eligible Urban Local Bodies (ULBs) for basic urban services improvement investment at an 80:20 grant to loan ratio. BMDF's Financing support to ULBs is subject to appraisal of the borrowing capacity, technical and financial viability of the ULBs as well as subprojects... ULB prepares sub-projects as per agreed norms and standards and submit to BMDF. ULBs are responsible for implement, monitor and maintenance of sub-projects. ULB is responsible for supervising construction and managing sub-project contracts. BMDF is responsible for Conducting desk and site appraisal of the sub-project/s proposed in the concept note to determine eligibility and desirability of the sub-project(s); Carrying out sub-project appraisal to ensure technical, social, environmental, economic/ financial, and institutional viability of sub-projects proposed by ULBs; Monitoring and overseeing construction activities and contract management by ULBs; Recommending approval of payment certificates to ULBs for works contracts and authorizations for payment. At present more than 23 building sub-projects are under pipeline which have to be checked and appraised.

BMDF also assists ULBs in capacity building and developing and implementing sub-projects consistent with BMDF requirements; improvement of appraisal procedures and operations, and capacity building for its staffs.

#### **C. OBJECTIVES**

The Quantity Survey Engineer will be responsible for checking and appraising of estimates of subprojects.

#### **D. SCOPE OF WORK**

The Quantity Survey Engineer shall be responsible for checking and appraising the estimated quantity of works for each item following structural design of proposed subprojects. S/he is expected to provide technical assistance to the PMU-BMDF in identifying and analyzing different unit rates for each items. S/he shall ensure that the subprojects estimates are prepared following Rate Schedule and Estimate Preparation Software (RSEPS) belongs to LGED. S/he is expected to report to the "Project Manager, PMU, BMDF" and work under guidance of the "CE, PMU, BMDF" and with support from key specialists of PMU. S/he is expected to carry out the following tasks:

01. Provide all support to PMU, MGSP for checking quantity and cost of the subprojects.
02. Carryout site survey works or any other survey related to the subproject structures.
03. Check and apprise quantity and cost of all proposed subproject structures.
04. Assist ULB to prepare Engineer's estimates following RSEPS as per drawing and design.
05. Checking Tender documents, Bill of Quantities, Specifications and recommend revisions as appropriate.
06. Facilitate ULBs to prepare Engineer's estimates and variations proposal.
07. Check and verify variation proposals.

08. Any other works which are related to these projects and assigned by the PM, PMU, MGSP.

#### **E. DURATION OF EMPLOYMENT**

The Quantity Survey Engineer will be employed for a period of 18 ( eighteen) months up to project period i.e. June 2020. The tenure may be extended as per BMDF need.

#### **F. QUALIFICATIONS AND EXPERIENCE**

The Consultant should have the following minimum qualifications and experience:

S/he will have at least a Bachelor Degree in Civil Engineering, (4 years course) from any Public University or any reputed Private University, with minimum second class or “Cumulative Grade Point Average” (CGPA) equivalent. Candidates having 3<sup>rd</sup> class or CGPA equivalent score in their academic career will not be considered. S/he must have at least 8 (Eight) years of relevant experience. Proven track record of estimating high rise buildings is required. Experience in working for kitchen markets, municipal markets, drains and roads will be an added advantage. Must be proficient user of RSEPS software. S/he must be able to work effectively within a multi-disciplinary team.

#### **G. REPORTING AND DELIVERABLES**

The Quantity Survey Engineer will work closely with the CE, Architect of PMU, BMDF and report to the Project Manager, MGSP.