

Government of the People's Republic of Bangladesh
Local Government Engineering Department
Geographic Information System (GIS) Section
Agargaon, Sher-E-Bangla Nagar
Dhaka-1207.
www.lged.gov.bd

উন্নয়নের গণতন্ত্র
শেখ হাসিনার মূলমন্ত্র

Memo No: 46.02.0000.611.07.015.18. 264

Date: 12.11.2018

Request for Expressions of Interest (Eoi)
for
Topographic Survey of Primary School Area using Drone and Photogrammetry
Technology

1. The GIS Section of Local Government Engineering Department (LGED) has been assigned to conduct 'Topography Survey and GIS-MIS Web Application for Schools' as per participation agreement between Need Based Infrastructure Development of Government Primary Schools Project-1st Phase (NBIDGPS-1) and LGED with public funds from the Government of the People's Republic of Bangladesh (GoB). In line with this, the GIS Section now intends to apply part of this fund to payments under the Contract for the services of **"Topographic Survey of Primary School Area using Drone and Photogrammetry Technology"**.
2. The Firm/Company will be engaged to conduct topographic survey for 351 school's area using drone, acquire data, prepare 3D model of the school campus, which will facilitate management to make inform decision in planning, construction & maintenance of school buildings.

The objectives of the service shall be, but not limited to, as follows:


- Conduct topographical survey of school campus and its surrounding area by using Drone including 360-degree geo-tagged photo of campus for 351 selected primary government schools under different Districts;
 - Establish the RL of school campus by using RTK GPS and setting temporary Bench Mark with respect to Survey of Bangladesh (SoB) Bench Mark (BM);
 - Perform photogrammetry technology to prepare high resolution Orthophoto image, features & landuse map as well as high resolution Digital Elevation Model (DEM) of survey area of each schools;
 - Preparation of topographic information in standard format so that those could be easily integrated into existing GIS-MIS Web Application;
 - Preparation of digital 3D model of school campus based on topographic information.
3. The service shall be completed over approximately 150 (one hundred and fifty) days as per the tentative Work Program, which is expected to commence in March 2019.
 4. GIS Section of LGED now invites eligible firms to indicate their interest in providing the services. Interested firms must provide information indicating that they are qualified to perform the services.

The EOIs would be reviewed on the basis of the following:

- a. Age of the firm (Year of the establishment).
- b. Legal establishment of the firm (TIN, VAT registration, trade license, etc.)

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- c. Availability of key professionals to carry out the assignment (mention academic qualification & length of experience).
 - d. Organizational capacity of the firm.
 - e. Financial capacity of the firm (Turnover of last 5 years)
 - f. Experience of the firm in similar task/assignments in last five years (example of past experience of similar nature and complexity including cost and duration of the assignment)
 - g. Experience of the firm in other works in last five years (example of past experience including cost and duration)
5. Consultants may associate with other firms to enhance their qualifications, and, if association, should mention whether the association is in the form of "joint venture" or "sub-consultancy". It is preferable to limit the total number of firms in an association including the Lead Firm to 3 (three).
 6. *A consulting firm will be selected in accordance with the Quality & Cost Based Selection (QCBS) procedures as set out in Standard documents according to PPR-2008.* Interested firms may obtain further information at the address below during office hours. ***A shortlist of firms will be prepared, from the expressions of interest, for requesting proposals for this assignment.***
 7. Expressions of Interest must be delivered to the address below in sealed envelope on or before **29 November 2018** during office hours. Submission through e-mail will also be accepted provided:
 - (i) it is delivered by the deadlines, and
 - (ii) Appropriate reference is made in the subject line of the e-mail, such as "Expression of Interest for ***Topographic Survey of Primary School Area using Drone and Photogrammetry Technology***".
 8. The procuring entity reserves the right to accept or reject any or all EOIs without assigning any reason whatsoever.


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CC:

1. Chief Engineer, LGED, Dhaka-1207.
2. Additional Chief Engineer, -----LGED HQ, Dhaka-1207.
3. Superintending Engineer, ----- LGED HQ, Dhaka-1207.
4. Section in Charge, MIS Section, LGED. He is requested to publish the Eol at LGED Website
5. Advertisement Manager, The Daily Ittefaq/The Financial Express. He is requested to publish the Eol at his Newspaper for one day by 13/11/2018.