

# Terms of Reference

## 1. Project Title

Support of Consulting Services for Establishment of Digital Land Management System (EDLMS) Project in Bangladesh

## 2. Work Conditions

- 1) Duration: 4 months (Nov.2021 – Feb.2022)
- 2) Deliverables (English): Report for Field Survey and Basic Design
- 3) Payment schedule: Monthly

## 3. Scope of work

### **3.1 Cadastral Survey (3 consultants)**

- Cooperation for Basic design for field Survey, installation control point, Aerial survey
- Cooperation for cost estimation
- Cooperation for Data standardization

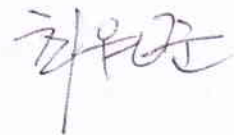
### **3.2 DLMS System development & ICT (5 consultants)**

- Cooperation for Basic design for LAS, LSS and Datacenter system
- Cooperation for Cost Estimation
- Cooperation for System Standardization

## 4. Important Dates and Contacts

- Resume/CV must be submitted not later than **27<sup>th</sup> Oct. 2021** through email to **wchoi@korealx.org**.
- Employment commences on **1<sup>st</sup> Nov. 2021**
- Employer's Contacts
  - Cadastral affairs 01794 776 309
  - Systems & ICT affairs 01704 301 934

\* The dates above are subject to change by employment process conditions.



## **5. Qualifications**

The performance of the scope of work requires a team of professionals that have strong project experience and technical expertise in the following fields;

### [Cadastral survey] (3 experts)

- Expert knowledge, strong experience and performance for Survey Control  
Densification & Aerial Photogrammetry
- Expert knowledge, strong experience and performance for conducting digital cadastral  
Detailed Survey
- Demonstrates capability in the delivery of analytical work on the relevant subjects,  
notably spatial data management, as evidenced by the relevant experiences of the firm,  
and (or) the qualifications and experience of professional staff;
- Proven experience in the development of technical and functional specifications for  
digital cadastral survey techniques;
- Experience working with government and international financiers; practical knowledge  
of administrative, monitoring and reporting procedures used by government and  
international financiers;

### [System integration and Development] (3 experts)

- Expert knowledge, strong experience and performance for development of GIS  
software and applications
- Expert knowledge, strong experience and performance for spatial database  
management or DBMS
- Demonstrated capability in the design and (or) implementation of complex integrated  
IT systems and database
- Demonstrated capability in the delivery of analytical work on the relevant subjects,  
notably spatial data management, as evidenced by the relevant experiences of the firm,  
and (or) the qualifications and experience of professional staff;
- Proven experience in the development of technical and functional specifications for  
complex GIS/LIS related projects;
- Experience working with government and international financiers; practical knowledge  
of administrative, monitoring and reporting procedures used by government and  
international financiers;

### [ICT & Networking] (2 Experts)

- Expert knowledge, strong experience and performance for development of  
ICT/Network
- Proven ICT/Network specialist with experience of ICT/Network
- Demonstrated capability in the design and (or) implementation of complex integrated  
IT systems



- Demonstrated capability in the delivery of analytical work on the relevant subjects, notably Datacenter, as evidenced by the relevant experiences of the firm, and (or) the qualifications and experience of professional staff;

**Group 1. Senior Consultant,**

Area	Academic experience	Work experience	Project experience	Contract Period	Intake
Cadastral survey	Bachelor's degree or higher in any field	More than 10 years in Cadastral survey and ZSO	More than 3 years in Cadastral survey	4 months	1
System Development	Bachelor's degree or higher in Computer Science, Soft engineering or related department	More than 10 years in System development *Land/GIS related system experience is preferable	More than 3 years in System development *Land/GIS related system experience is preferable		1
ICT and Network		More than 10 years in ICT and Network area	More than 3 years in ICT and Network, Datacenter		1

**Group 2. Consultant**

Area	Academic experience	Work experience	Project experience	Contract Period	Intake
Cadastral survey	Bachelor's degree or higher in any field	At least 3 years as ZSO or Charge Officer. And for ASO at least 5 years' experience in foreign funded projects with any publications.	More than 2 years in Cadastral survey	4 months	2
System Development	Bachelor's degree or higher in Computer Science, Software engineering or	More than 5 years in System development *Land/GIS related system experience is preferable	More than 2 years in System development *Land/GIS related system experience is preferable		2

ICT and Network	related departments	More than 5 years in ICT and Network area	More than 2 years in ICT and Network, Datacenter		1
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- Experiences in international/National cooperation projects are preferable.

