

Consultant: Analyst and Modelling expert, for the project “*Digital Enhancement of Land Management for the European Future of Bosnia and Herzegovina (DELEF)*”

Introduction:

DELEF is a five-year project with aim to support Bosnia and Hercegovina for reforms in land administration and its institutions in order for BiH to approach EU membership. The project is a cooperation between the Federal Administration for Geodetic and Real Property Affairs (FGA) of the Federation of Bosnia and Herzegovina, the Republic Authority for Geodetic and Property Legal Affairs (RGA) of the Republika Srpska and Lantmäteriet, The Swedish mapping, cadastral and land registration authority.

The project's purpose is to strengthen the capacity of the participating authorities, and thereby to contribute to their transformation into modern technologically developed, trustful, and effective authorities. Authorities who collect the information for which they are responsible and ensure that the information is easily accessible and transparent for all users in BiH.

One important aspect of the project is creating contact surfaces between the entity’s authorities and institutions in BiH in order for them to exchange information and cooperate more and better.

The four project key components are:

1. Overall capacity development,
2. Mass Valuation,
3. Spatial Data Infrastructure (SDI) and
4. Geodetic Infrastructure.

Experts from Lantmäteriet and the Swedish Tax Agency will train and exchange experiences with colleagues from the corresponding Geodetic Authorities and Tax Authorities in BiH.

The expected outcomes of the project are:

Overall Capacity Development: *GA are modern, transparent and efficient organizations contributing to economic and social development in close cooperation with stakeholders involved in land administration in BiH.*

Mass Valuation: *GA contribute to a transparent property market by managing a real estate mass valuation system to benefit all citizens and the business community.*

Spatial Data Infrastructure (SDI): *GA and other spatial data providers enable service-based sharing of up-to-date and accurate spatial data used by stakeholders to face and resolve sustainable development challenges.*

Geodetic Infrastructure: *The accurate, reliable, and easily accessible geodetic infrastructure is globally integrated and used by all stakeholders.*

Scope of work	<p>Analyst and Modelling expert will be engaged full time at the Federal Administration for Geodetic and Real property affairs (FGA) through the DELEF project.</p> <p>The Local Consultant will perform the following:</p> <p>a) General project activities:</p> <ul style="list-style-type: none"> • Coordination of all process related to project component 2, Mass Valuation, together with component coordinator on behalf of FGA; • Monitors and implements new information technologies, participates in the design, implementation and supervision of the realization of the project component in the business, organizational and IT sense; • Maintains communication with interest groups and performs other duties as directed by the immediate manager; • Participate in workshops and organize trainings, monitoring and reporting; • Follow up implementation progress and reports; <p>b) Specific project activities:</p> <ul style="list-style-type: none"> • Analyse and determine methods for data capture of additional market data; • Analysis of the property market for the property categories; • Create and calibrate models for valuation of different value categories; • Performs statistical analyses for time adjustment of data, calculation of time parameters, formation of price ranges and value levels for individual categories of real estate; • Performs spatial analysis of time-adjusted sets of market data; • Create and graphically interpret value zones according to adopted price ranges and value levels for individual categories of real estate; • Performs other tasks as ordered by the immediate FGA manager or the Lantmäteriet Project Manager. <p>c) Expected results from the work performed:</p> <ul style="list-style-type: none"> • Critical competence for FGA is built; • Capabilities for systems implementation and tools for the acquisition are developed for FGA; • Competence in data processing, transformation, analysis, storage, presentation and use of information is developed for FGA; • Activities of DELEF project component are supported.
Contract period	Planned contract period is 24 months with 12 months extension.

<p>Terms –</p> <p>financial framework, volume and payments</p>	<ul style="list-style-type: none"> • The total estimated volume is maximized to 250 working days per year. • Working day (8 hours) all costs included. • The Contract includes the right to take 20 work days for time off each calendar year, without payment. (Approved by responsible manager from FGA and Lantmäteriet) • Contract includes 3 and 6 months' probation evaluation milestones to make sure the expert is performing on the right level. • Holiday days in FBiH are also non-working days which will not be paid for. • Invoicing and payment will be done on the monthly based on accrued working hours approved by the Lantmäteriet Project Manager. • Cost of person working day can be adjusted after 12 months based on index agreed between parties. • DELEF project will provide the Consultants with Computer, office materials and other logistics for daily tasks; • DELEF project will cover the Consultants expenses while traveling within project scope, with local FBiH per diem included;
<p>Qualifications of the consultant</p>	<ul style="list-style-type: none"> • Consultant selected for Contract must register a self-employed business entity before entering into any contract • Applicants for the role should have a minimum Bachelor degree or equivalent from a recognized university in Geodesy, Geoinformatics, Computer science, Law, Economy, Information technologies, Agriculture, Natural sciences and mathematics, Statistics or similar; • 1 year of previous working experience is preferable; • Previous working experience with data analysis or geospatial databases will be regarded as an advantage; • Fluent in the English language, both verbal and written, is a requirement • Knowledge of GIS applications, data analytics and modelling tools; • Possession of valid driver's license; • Technically minded, with computer expertise in use of data Analytic and modelling tools; • Results-oriented, with Problem Solving approach, Enthusiastic team-player, able to understand the needs of others and work effectively in groups.
<p>Beneficiaries</p>	<p>The main primary beneficiaries, and project participants, in this project is FGA. The consultant hired and FGA will strive for the consultant to become permanent FGA staff after this assignment.</p>