

Request for Quotations (RFQ)

Country: **Republic of Serbia**
Implementation Agency: **Republic Geodetic Authority**
Project Title: **Second Real Estate Management Project**
Source of Funding: **International Bank for Reconstruction and Development (IBRD Loan)**
Contract Ref: **SRB-REMP2-977110YF-RFQ-IT-26-068**
Contract Title: **GeoSrbija Mobile Application**
Date: **July 20, 2026**

1. You are invited to submit your price quotation for the supply of the following items:

- **GeoSrbija Mobile Application - 1 pc**

2. You must quote for all the items and quantities under this Invitation. Price quotation will be evaluated for all the items together, and Contract awarded to the firm satisfying minimal requested technical characteristics and offering the lowest evaluated total cost of all the items.
3. Your price quotation in the form attached may be submitted by hand, mail, facsimile, or electronically at the following address:

**REPUBLIC GEODETIC AUTHORITY
Second Real Estate Management Project
Project Implementation Unit
11000 Beograd, Srbija
Bulevar vojvode Misica 39
Pisarnica
wb@rgz.gov.rs**

4. The deadline for receipt of your quotation (s) by the Purchaser at the addressed indicated in this paragraph: **August 04, 2026, 12PM.**
5. Your quotation in duplicate in English, should be accompanied by adequate technical documentation and catalogue(s) and other printed material or pertinent information for each item quoted, including names and addresses of firms providing support and maintenance services in Republic of Serbia (these accompanying documents may be either in English or in Serbian).

BUSINESS CAPACITIES:

- i. During the past three (3) years, the Bidder must have successfully completed at least one (1) contract involving the implementation of the official Address Register or the alphanumeric component of a Real Estate Cadastre database, and at least one (1) system in which electronic document sealing with a qualified electronic certificate was successfully integrated.

Proof: Bidder's statement identifying the implemented systems and providing a brief description of each.

- ii. The Bidder must have at least one (1) programmer engaged in this position who has at least three (3) years of relevant professional experience and has participated in the successful implementation of at least two (2) software

solutions in the field of the National Spatial Data Infrastructure (NSDI) and/or the distribution of alphanumeric data of the Real Estate Cadastre.

Proof: Bidder's statement and the CV of the proposed programmer.

To demonstrate compliance with the above requirements, the Bidder shall submit an original statement signed by the client, containing the following information:

- name, address, and registration number of the company that implemented the contract;
- name and address of the client;
- description of the implemented system;
- implementation period;
- contact details of the client's representative (telephone number and e-mail address);
- signature and seal (if applicable);
- CVs of the proposed personnel, signed by the Bidder, demonstrating that they possess the relevant qualifications and experience required for the successful implementation of the assignment.

The complete Request for Quotations (RFQ) document, including the technical specifications for the procurement of Software for GeoSrbija Mobile Application, is available on the website of the Republic Geodetic Authority:

<https://www.rgz.gov.rs/tenderi---nabavke-robe-i-usluga>

6. Your quotation(s) should be submitted as per the following instructions and in accordance with the attached Contract. The attached Terms and Conditions of Supply is an integral part of the Contract.

(i) **PRICES:** The prices should be quoted in EUR for the Unit Price, Total Cost and VAT at final destination Belgrade, including analysis, development, testing, deployment, documentation, training, warranty support and all other costs necessary for the successful completion of the Contract.

(ii) **EVALUATION OF QUOTATIONS:** Offers determined to be substantially responsive to the technical specifications will be evaluated by comparison of the total price at final destination as per para. 2 above.

In evaluating the quotations, the Purchaser will determine for each bid the evaluated price by adjusting the price quotation by making any correction for any arithmetical errors as follows:

(a) where there is a discrepancy between amounts in figures and in words, the amount in words will govern;

(b) where is a discrepancy between the unit rate and the line-item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern;

(c) if a Supplier refuses to accept the correction, his quotation will be rejected.

(iii) **AWARD OF PURCHASE ORDER:** The award will be made to the bidder offering the lowest evaluated price and that meets the required standards of technical and financial capabilities. The successful bidder will sign a Contract as per attached form of contract and terms and conditions of supply.

(iv) **VALIDITY OF THE OFFER:** Your quotation(s) should be valid for a period of thirty (30) days from the deadline for receipt of quotation(s) indicated in Paragraph 4 of this Invitation to Quote.

7. Further information can be obtained from:

**REPUBLIC GEODETIC AUTHORITY
Second Real Estate Management Project
Project Implementation Unit
Bulevar vojvode Misica 39
11000 Beograd, Srbija**

8. Inspections and Audits

8.1 The Supplier shall carry out all instructions of the Purchaser which comply with the applicable laws where the destination is located.

8.2 The Supplier shall permit, and shall cause its Subcontractors and consultants to permit, the Bank and/or persons appointed by the Bank to inspect the Supplier's offices and all accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors and consultants' attention is drawn to Clause 5 Fraud and Corruption of the Form of Contract, which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

9. Please Confirm by e-mail the receipt of this invitation and whether or not you will submit the price quotation.

Sincerely,



Dragan Pavlović, PIU Director

FORM OF CONTRACT

THIS AGREEMENT number **SRB-REMP2-977110YF-RFQ-IT-26-068** made on _____, 2026, between REPUBLIC GEODETIC AUTHORITY, Bulevar vojvode Misica 39, Republic of Serbia (hereinafter called "the Purchaser") on the one part and _____ (hereinafter called "the Supplier") on the other part.

WHEREAS the Purchaser has invited quotation for:

- **GeoSrbija Mobile Application - 1 pc**

to be supplied by Supplier, viz. Contract **SRB-REMP2-977110YF-RFQ-IT-26-068**, (hereinafter called "Contract") and has accepted the Bid by the Supplier for the supply of GeoSrbija Mobile Application under Contract at the sum of

(_____
_____) hereinafter called "**the Contract Price**", plus VAT¹ _____
(_____).

*(Domestic bidder quoting in foreign currency shall clearly state: **Payment shall be made in RSD based on the selling exchange rate of the National Bank of Serbia on date of issuance of invoice.**)*

NOW THIS AGREEMENT WITNESSETHES as follows:

1. The following documents shall be deemed to form and be read and construed as part of this agreement, viz:
 - a) Invitation to Quote; Term and Conditions of Supply, Technical Specification;
 - b) Addendum (if applicable);
2. Taking into account payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby concludes an Agreement with the Purchaser to execute and complete the supply of GeoSrbija Mobile Application and remedy any defects therein in conformity with the provisions of Contract.
3. The Purchaser hereby covenants to pay in consideration of the GeoSrbija Mobile Application supply and acceptance of Contract and remedying of defects therein, the Contract Price in accordance with Payment Conditions prescribed by Contract.
4. Termination
 - 4.1 Termination for Default
 - (a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:
 - (i) if the Supplier fails to deliver any or all of the GeoSrbija Mobile Application within the period specified in the Contract, or within any extension thereof granted.
 - (ii) if the Supplier fails to perform any other obligation under the Contract; or

¹ As per the Loan Agreement, expenditures related to goods, works and non-consulting services for the Project are financed 100 percent exclusive of taxes, while expenditures related to consulting services, training and operation costs are financed 100 percent inclusive of taxes. (The RS Official Gazette, No 9, Loan Agreement of Second Real Estate Management Project), December 3, 2024)

- (iii) if the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in Clause 5 below, in competing for or in executing the Contract.
- (b) In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, GeoSrbija Mobile Application or Related Services similar to those undelivered or not performed and the Supplier shall be liable to the Purchaser for any additional costs for such similar GeoSrbija Mobile Application or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

4.2 Termination for Insolvency.

- (a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser.

4.3 Termination for Convenience.

- (a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- (b) The GeoSrbija Mobile Application that is complete and ready for delivery within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices.

For the remaining Goods, the Purchaser may elect:

- (i) to have any portion completed and delivered at the Contract terms and prices; and/or
- (ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed GeoSrbija Mobile Application and Related Services.

Fraud and Corruption

- 5. If the Purchaser determines that the Supplier and/or any of its personnel, or its agents, or its Subcontractors, consultants, service providers, suppliers and/or their employees has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices (as defined in the prevailing Bank's sanctions procedures), in competing for or in executing the Contract, then the Purchaser may, after giving 14 days notice to the Supplier, terminate the Supplier's employment under the Contract and cancel the contract, and the provisions of Clause 4 shall apply as if such expulsion had been made under Sub-Clause 4.1.

6. Inspections and Audits

6.1 The Supplier shall carry out all instructions of the Purchaser which comply with the applicable laws where the destination is located

The Supplier shall permit, and shall cause its Subcontractors and consultants to permit, the Bank and/or persons appointed by the Bank to inspect the Supplier's offices and all

accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Supplier's and its Subcontractors and consultants' attention is drawn to Clause 5 Fraud and Corruption, which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

Signature and seal of the Purchaser:
FOR AND BEHALF OF

Name of Authorized Representative

Signature and seal of the Supplier:
FOR AND BEHALF OF

Name of Authorized Representative

FORM OF QUOTATION

_____ (Date)

To: **REPUBLIC GEODETIC AUTHORITY**
Second Real Estate Management Project
Project Implementation Unit
Bulevar vojvode Misica 39
11000 Beograd, Srbija

We offer to execute:

- **GeoSrbija Mobile Application**

contract no. **SRB-REMP2-977110YF-RFQ-IT-26-068** in accordance with the Conditions of Contract accompanying this Quotation for the Contract Price of

_____ (amount in words and numbers) (_____) (name of currency)_____.

*(Domestic bidder quoting in foreign currency shall clearly state: **Payment shall be made in RSD based on the selling exchange rate of the National Bank of Serbia on date of issuance of invoice.**)*

We propose to complete implementation of the GeoSrbija Mobile Application described in the Contract within a period of _____ calendar days from the Date of Signing of the Contract.

This Quotation and your written acceptance will constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any Quotation you receive.

We hereby confirm that this Quotation complies with the Validity of the Quotation required by the proposal documents.

Authorized Signature:

Name and Title of Signatory

Name of Supplier:

Address:

Phone Number

Fax Number

Terms and Conditions of Supply

Project Title: **Real Estate Management Project**
Contract Ref: **SRB-REMP2-977110YF-RFO-IT-26-068**
Contract Title: **GeoSrbija Mobile Application**

1. Prices and Schedules for Supply:

Description of GeoSrbija Mobile Application	Qty Pieces	Unit Price (EUR)	Total Price at final destination (EUR) includes all costs associated with the supply, implementation and warranty	Acceptance Date
1. GeoSrbija Mobile Application	1			
TOTAL:				
VAT:				
Total + VAT:				

Note: In case of discrepancy between unit price and total derived from unit price, the unit price shall prevail

2. Fixed Price: The prices indicated above are firm and fixed and not subject to any adjustment during contract performance.
3. Delivery Schedule: Acceptance Date should be completed as per above schedule but not exceeding **30** calendar days from contract signature.
4. Insurance: The Supplier shall maintain adequate insurance coverage for risks arising from the performance and implementation of the Contract, in accordance with applicable laws and established business practices. Upon request of the Purchaser, the Supplier shall provide evidence of such insurance coverage.
5. Applicable Law: The Contract shall be interpreted in accordance with the laws of the Purchaser's country.
6. Resolution of Disputes: The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute between them under or in connection with the Contract. In the case of a dispute between the Purchaser and the Supplier, the dispute shall be settled in accordance with the country procedures.
7. Delivery and Documentation: Upon implementation, the Supplier shall submit the following documents to the Purchaser:
 - Supplier's invoice indicating the description of the deliverables, the agreed unit price(s), where applicable, and the total amount due;
 - Acceptance Report and/or Delivery Note confirming the successful implementation of the GeoSrbija Mobile Application;
 - User documentation and technical documentation;
 - Source code and related deliverables, where required under the Contract;

- Supplier's warranty statement;
- Any licenses, certificates, or other documents required under the Contract.

The above documents shall be submitted to the Purchaser prior to the issuance of the Acceptance Certificate.

8. Payment: The Purchaser shall pay 100% of the Contract Price upon successful implementation of the GeoSrbija Mobile Application and issuance of the Acceptance Certificate, within twenty-nine (29) days of receipt of the Supplier's invoice, by bank transfer to the account specified in the invoice.
9. Warranty: The GeoSrbija Mobile Application shall be covered by the Supplier's warranty for a minimum period of one (1) year from the date of issuance of the Acceptance Certificate by the Purchaser. The Bidder shall specify the warranty period and detailed warranty terms in its Offer.
10. Packaging and Marking Instructions: The GeoSrbija Mobile Application and all related deliverables shall be delivered in electronic format and shall be properly identified and labelled. The Supplier shall ensure that all documentation, source code (where applicable), installation files, user manuals, and other deliverables are clearly organized to facilitate their verification, use, and acceptance by the Purchaser.
11. Defects: All defects will be corrected by the Supplier without any cost to the Purchaser within 29 days from the date of notice by Purchaser. Name and address of firms providing support and maintenance services in Republic of Serbia within the warranty period:
12. Force-Majeure: The supplier shall not be liable for penalties or termination for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force-Majeure.

For purposes of this clause, " Force-Majeure " means an events beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but not restricted to, act of Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

If a Force-Majeure situation arises, the Supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by Force-Majeure event.

13. Required Technical Specifications:
 - (i) General Description
 - (ii) Specific details and technical standards

Supplier confirms compliance with above specifications.

14. Failure to Perform: The Purchaser may cancel the Agreement if the Supplier fails to deliver the GeoSrbija Mobile Application and Documents by **September 25, 2026**, in accordance with the above terms and conditions, without incurring any liability to the Supplier.

NAME OF SUPPLIER: _____

Authorized Signature: _____

Place:

Date:

Technical Specifications (required and offered)

1.0 GeoSrbija Mobile Application

Note: Hardware and system software is not part of the quotation.

Introduction

This document defines the functional, technical, and operational specification of the GeoSrbija Mobile Application and its supporting backend system.

The purpose of the system is to enable reliable, scalable, and user-friendly access to geospatial and cadastral data maintained by the Republic Geodetic Authority. The system is designed to serve a broad range of users, including citizens, professional users, and institutional stakeholders, by providing intuitive access to spatial data, parcel information, and related services.

This specification is prepared to support system evaluation, implementation planning, and procurement processes. It provides a comprehensive overview of system capabilities, architecture, integrations, and operational principles while maintaining technological neutrality and minimizing dependency on specific vendors.

System Overview

The GeoSrbija system is designed as a distributed architecture consisting of two primary layers:

- GeoSrbija Mobile Application (Client Layer)
- Backend API System (Integration and Orchestration Layer)

The GeoSrbija Mobile Application provides the user interface and interaction capabilities, enabling users to visualize maps, perform searches, and access cadastral information.

The backend system acts as an intermediary layer between the GeoSrbija Mobile Application and external geospatial services. It is responsible for:

- Aggregating and standardizing data from multiple external systems
- Managing integrations with cadastral and geospatial services
- Controlling access, authentication, and request handling
- Enhancing performance through optimized data retrieval

This architecture ensures separation of concerns, scalability, maintainability, and centralized control over integrations.

System Objectives

The system is designed to achieve the following objectives:

- Provide intuitive and efficient access to geospatial data
- Enable real-time interaction with spatial datasets
- Support both general and professional use cases
- Ensure scalability and adaptability to increased usage
- Maintain high levels of data integrity and reliability
- Minimize dependency on specific technologies and vendors

Project Description

I The project encompasses several key components whose implementation addresses the current challenges and significantly enhances RGA operations:		
No.	Description Required minimum functionality	Description Offered functionality *
1.	Functional Requirements a) User Onboarding The system shall support an onboarding process that enables users to configure: - Language preferences - Visual themes - Notification preferences - Location access permissions The onboarding process shall be resumable, persist user progress, and be displayed only once upon completion. Users must be able to modify these settings at any time. b) Map Interaction The system shall provide an interactive map interface with the following capabilities: - Visualization of geospatial data layers - Zooming, panning, and orientation control - Centering on user location - Resetting map state to default - Handling of offline and error conditions The map must remain responsive and interactive even when multiple layers or overlays are active. c) Map Layers and Themes The system supports advanced layer management through predefined and customizable thematic configurations. Predefined themes are defined on the server side and represent commonly used combinations of geospatial layers optimized for different use cases. These themes allow users to quickly switch between different contextual views without manual configuration. In addition to predefined themes, the system allows users to: - Enable or disable individual layers - Dynamically combine multiple layers - Create custom configurations tailored to their needs The system supports hierarchical organization of layers and dynamic rendering based on user selection.	

	Integration with WMS and WMTS services enables real-time loading of geospatial data layers. Additionally, users can interact directly with map elements to retrieve contextual information associated with spatial features, enabling intuitive exploration of datasets. d) Search Functionality The system shall provide advanced and flexible search capabilities designed to accommodate different user input patterns and linguistic variations. Search functionality shall include: - Full-text search of addresses, locations, parcels, and related entities - Support for normalized input, including simplified Latin input without diacritics - Tolerance to variations in spelling and user input - Real-time suggestions and refinement mechanisms Search results shall: - Be visualized directly on the map using appropriate geometries - Automatically focus and highlight selected results - Include contextual metadata where available The system shall maintain searchable history and allow filtering and reuse of previous queries. e) Parcel and Object Information The system shall provide comprehensive and structured access to cadastral information related to parcels, buildings, individual units, and other spatial entities. Users shall be able to: - View detailed attribute data associated with selected spatial entities - Access both geometric representation and descriptive information - Navigate between related cadastral entities and spatial objects - Interact with the map while reviewing detailed information - Select parcels, buildings, or individual units directly from the map interface The system shall enable retrieval and presentation of publicly available cadastral information accessible	
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through eKatastar and related cadastral services, including:

- Ownership-related information where publicly accessible
- Registered rights and legal relationships
- Restrictions, encumbrances, and notes
- Key descriptive and administrative information related to the selected real estate entity

For authenticated users with appropriate permissions, the system shall additionally support access to extended information and functionalities available through eKatastar and connected cadastral systems, in accordance with applicable access policies and authorization levels.

Information shall be presented in structured, organized, and expandable formats in order to support efficient interpretation of complex cadastral and spatial datasets.

Additionally, users shall be able to retrieve contextual information directly from the map by interacting with spatial features, enabling intuitive and efficient exploration of spatial and cadastral data without requiring explicit queries or navigation through multiple interfaces.

f) Document Access and Sharing

The system shall support access to structured documents derived from spatial and cadastral data.

Users shall be able to:

- Retrieve and view documents related to parcels, objects, or selected entities
- Access documents in a standardized format
- Initiate downloads where applicable

To ensure stability, access to documents may be subject to controlled request limitations.

The system shall also support sharing mechanisms:

- Generation of deep links referencing spatial entities
- Sharing across devices and platforms
- Preservation of context when opening shared content

g) Measurement and Drawing Tools

The system shall provide advanced spatial interaction tools supporting both analytical and exploratory workflows.

Users shall be able to:

- Measure distances with precision
- Calculate surface areas

- Create custom geometries using drawing tools
- Modify and refine geometries
- Visualize results in real time on the map

These tools support both casual and professional users.

User-generated geometries shall support:

- Persistence during active sessions
- Reusability for further analysis
- Integration with sharing and visualization features

h) Saved Content

The system shall provide functionality for storing and managing user-selected spatial data.

Users shall be able to:

- Save parcels, objects, search results, and geometries
- Organize saved content
- Access saved items with full contextual information
- Restore previous map states, including layers, zoom, and position

Saved content improves efficiency, reduces repeated searches, and supports continuous workflows.

i) Authentication and Role-Based Access

The system shall support integration with the Republic Geodetic Authority Single Sign-On (SSO) system in order to enable secure authentication of registered, professional, and authorized institutional users.

The system shall support role-based access control and differentiated visibility of data and functionalities depending on the authenticated user profile and granted permissions.

Anonymous users shall have access only to publicly available content, while authenticated users shall be able to access additional data and services in accordance with their authorization level and applicable legal and institutional rules.

j) Cadastral Alarm Integration

The system shall support integration with the Cadastral Alarm service in order to enable users to receive notifications related to changes, updates, or relevant events associated with selected parcels, buildings, units, or other cadastral entities.

Users shall be able to manage their notification preferences, subscribe or unsubscribe to alert categories where applicable, and receive alerts

	through the GeoSrbija Mobile Application notification system. The backend system shall ensure secure synchronization of alert-related events, user preferences, and notification delivery status.	
2.	Technical Architecture a) Architectural Principles The system is designed based on: - Modular architecture - Separation of concerns - Scalability and extensibility - Interoperability with geospatial standards - Minimization of vendor lock-in b) GeoSrbija Mobile Application Layer The GeoSrbija Mobile Application represents the client layer and is responsible for user interaction and visualization. It supports: - Cross-platform implementation with shared logic - Dynamic loading and rendering of map layers - Integration with WMS and WMTS services - Layer visibility control and hierarchical management - Efficient rendering of raster and vector data - Local data persistence for improved performance - User preference and interaction management The application is designed as a thin client, delegating complex processing to the backend. c) Backend API Layer The backend acts as a centralized integration and orchestration layer. Responsibilities include: - Communication with external systems - Data transformation and normalization - Aggregation of multiple data sources - Search optimization - Security and access control enforcement The backend is structured into: - API Layer - Service Layer - Integration Layer	

	- Data Layer d) Data Flow The system follows: User → GeoSrbija Mobile Application → Backend API → External Systems → Backend → GeoSrbija Mobile Application This ensures consistency, security, and centralized control. e) Geospatial Processing and Layer Management The system supports: - Dynamic layer rendering - Layer stacking and ordering - CRS transformations - Contextual interaction with spatial features - Retrieval of attribute data based on spatial interaction Layer management is integrated with themes, enabling flexible visualization tailored to user needs.	
3.	External Integrations The system integrates with: - • GeoSrbija services - • Cadastral systems - • eKatastar services - • Republic Geodetic Authority SSO system - • Cadastral Alarm service - • WMS/WMTS services - • Authentication providers - • Notification systems All integrations are managed through the backend layer.	
4.	Security Authentication and authorization mechanisms shall support secure federation with the Republic Geodetic Authority SSO system, session control, token validation, and role-based access enforcement across all protected functions and datasets. Security includes: - Encrypted communication - Stateless backend architecture - Controlled API access	

	- Authentication and authorization - Proper handling of user permissions	
5.	Data Management The system processes geospatial, cadastral, and user configuration data. The backend ensures consistency, while the GeoSrbija Mobile Application stores minimal local data.	
6.	Performance and Scalability The system supports: - High user concurrency - Efficient data retrieval - Optimized map rendering - Scalable backend processing	
7.	Deployment and Operations a) The system supports: - Containerized deployment - Automated CI/CD pipelines - Monitoring and logging - Configurable environments b) Mobile Platform Availability and Distribution The GeoSrbija Mobile Application shall be available for both Android and iOS platforms. The selected implementation approach shall ensure functional consistency and comparable user experience across supported mobile operating systems. The contractor shall be responsible for: - Preparing production-ready application builds for both platforms - Supporting deployment and publication processes - Assisting with application submission to: - o Google Play Store - o Apple App Store The delivered solution shall comply with applicable platform requirements, policies, and technical standards necessary for publication and maintenance on official application distribution platforms.	

8.	Source Code Ownership and Intellectual Property All source code, technical documentation, configuration files, deployment scripts, design assets, and other deliverables developed within the scope of the project implementation shall become the exclusive property of the Republic Geodetic Authority upon project completion and acceptance. The contractor shall deliver a complete and fully operational solution, including: - Complete source code repositories for all system components - Build, deployment, and environment configuration documentation - Technical and operational documentation required for maintenance and future development - Database schemas, integration configurations, and supporting scripts - Documentation of external dependencies and third-party components where applicable The Republic Geodetic Authority shall retain full and unrestricted rights to: - Use - Modify - Extend - Maintain - Integrate - Deploy the delivered solution independently or through authorized third parties, without limitation or dependency on the original contractor. The implemented solution shall not contain proprietary restrictions, licensing limitations, or technical constraints that would prevent further development, migration, maintenance, or integration of the system by the Republic Geodetic Authority or entities authorized by it. Where third-party libraries, frameworks, or components are used, their licensing terms shall be clearly documented and must not impose restrictions incompatible with long-term institutional ownership, maintenance, and future expansion of the system. The contractor shall ensure that all intellectual property rights associated with custom-developed components are appropriately transferred and	

	documented in accordance with applicable contractual and legal requirements.	
9.	System Documentation and Training - The provider must deliver complete technical and user documentation, including architecture, user manuals, system configuration instructions, and guidelines for future maintenance. - The provider shall conduct training sessions for system administrators and operational staff, with at least one follow-up session within the first two months of system use.	
10.	Testing and Verification - Before final acceptance, the provider shall conduct joint testing with RGZ staff, including: - Accuracy testing on a representative set of documents, - Validation of system performance and integration with RGZ infrastructure.	
11.	Warranty, Support and Maintenance The contractor shall provide a warranty and support period following production deployment of the system. a) The support period shall include: - Correction of identified software defects - Technical support and incident handling - Stability and compatibility maintenance - Assistance during production operation where required b) The delivered solution shall undergo comprehensive testing and validation activities prior to production deployment. Testing activities shall include, where applicable: - Functional testing - Integration testing - Mobile platform compatibility testing - Performance and stability testing - User acceptance testing - Security validation and vulnerability assessment	

	All support, maintenance, and corrective activities shall be performed in a manner that minimizes operational disruption and ensures continuity of service for end users and institutional stakeholders. c) Warranty period: 1 (one) year from the data of Final Acceptance.	
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Conclusion

The GeoSrbija system represents a modern, scalable, and robust platform for accessing geospatial and cadastral data, aligned with international best practices and capable of supporting future growth and extensions.

Expected Results and Benefits

- Faster and more reliable responses to citizen inquiries;
- Reduced administrative workload for staff;
- Improved consistency and transparency in institutional communication;
- Promotion of a digital-first public administration culture.

This project will contribute to the digital transformation of information governance and lay the foundation for broader use of intelligent systems in public sector institutions.

*** Bidder shall specify the requested TS of equipment**

NAME OF SUPPLIER: _____

Authorized Signature: _____