

ЈАВНОТО ПРЕТПРИЈАТИЕ ЗА ДРЖАВНИ ПАТИШТА
ОБЈАВУВА БАРАЊЕ ЗА ИЗРАЗУВАЊЕ НА ИНТЕРЕС
(КОНСУЛТАНТСКИ УСЛУГИ – СЕЛЕКЦИЈА НА ФИРМИ)

REQUEST FOR EXPRESSIONS OF INTEREST
(CONSULTING SERVICES – FIRMS SELECTION)

Republic of North Macedonia
P149955 - Roads Upgrading and Development Project
Loan No./Credit No./ Grant No.: *_8525-MK*

Assignment Title: *Consulting Services for Supply and Installation of Bridge Analytical Module for the Bridge Management System*
Reference No. (as per Procurement Plan): *_RUDP-QBS*

The *Republic of North Macedonia* has received financing from the World Bank toward the cost of the *Roads Upgrading and Development Project*, and intends to apply part of the proceeds for consulting services.

The consulting services (“the Services”) include *Development, Supply and Installation of Bridge Analytical Module for the Bridge Management System. Public Enterprise for State Roads (PESR) is establishing Bridge Management System (BMS). The objective of the project is establishing of Bridge Analytical Module (BAM) as the core of the BMS. BAM serves as a tool to aid in estimating optimal investment funding levels and identification of timely and adequate combinations of maintenance measures for bridges over their lifetime - a bridge investment plan (BIP). BAM needs to be compatible and integrated with the existing RAMS solution, enabling full implementation of an envisioned methodology for managing bridges. This relates to an overview of bridge inventory data, bridge inspection data, condition rating of bridges, and further, to predict bridges' deterioration over time and estimate financial needs for future maintenance measures. The BAM software should enable PESR users to manage and visualize the data on bridges (stored in RAMS database) via tables, graphs, reports and GIS, and perform data reporting in predefined templates. BAM is envisioned as a web-based software that must be installed and integrated into the new upgraded RAMS IT infrastructure – virtual server environment, WIN servers, MS SQL Server database, where test and production environment must be set.*

The duration of the BAM assignment is eight (8) months from contract signing. The indicative time of commencement and completion of the assignment is March 2022 through November 2022.

The detailed Terms of Reference for the above referenced consulting services is posted on the website of the *Public Enterprise for State Roads* at the following link:
<http://jpdp.mk/444/5400/konsultantski-uslugi-za-nabavka-i-instalacija-na-analitichki-modul-za-mostovi>

The *Public Enterprise for State Roads* now invites eligible consulting firms (“Consultants”) to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. The shortlisting criteria are:

Experience and qualifications

The Consultant shall be a firm or group of firms with following qualifications:

- evidence of registration for performance of activities that are relevant for this assignment in the past five (5) years.
- proven experience in implementation of similar assignment in the Western Balkans regions and/or countries in the EU shall be considered an advantage.
- evidence of successfully completed at least 2 (two) software projects related to assisting road authorities on a state level in improving their Transportation Infrastructure Management practice, which relate to engineering structures such are bridges, tunnels, earthworks and retaining walls, each at least of the value of the bid, in the period of last 5 (five) years. In addition, it is required for each of these projects to involve:
 - web architecture with spatial and relational databases and standard GIS services (WMS, WFS) and
 - development/maintenance of a management system or its module(s) (database, analytical module(s) for maintenance planning)

The credibility of mentioned experience shall be presented in a list of at least two (2) similar project references within last five (5) years with description of services provided (including information on contract value, contracting entity/client, project location/country, duration, assignment budget, percentage carried out by consultant in case of association of firms or subcontracting and main activities) and accompanied by certificates of orderly fulfilment of the contracts verified by other party from such contracts.

The Consultant shall have the organizational (staff) and financial capacity (a minimum annual revenue i.e. turnover of at least 500 000 Euro for each of the last three (3) years i.e. (2018, 2019 and 2020) to perform this assignment as well as available appropriate skills among staff.

The Consultant shall provide adequate staff in terms of expertise and time allocation, as well as the equipment (as relevant) needed to complete the activities required under the scope of work and to finally achieve the objectives of the project in terms of time, costs and quality.

It is expected that the core team shall comprise of following four (4) experts:

- a. **Project manager/Team leader** - Expert in project management in software development
- b. **IT Development Lead** - Expert in software development
- c. **Senior Bridge Specialist** - Expert in bridge inspections/design and bridge management
- d. **Bridge management training specialist** - Expert in inspections and assessment of bridges

Detailed requirement for key experts are listed in the detailed Terms of Reference (ToR). For the purpose of the Consultant shortlisting CV's of the Key experts will not be evaluated. Key experts will be evaluated at the time of technical proposals evaluation.

The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank's [Guidelines: Selection and Employment of Consultants \[under IBRD Loans and IDA Credits & Grants\] by World Bank Borrowers](#) October 2011 ("Consultant Guidelines"), setting forth the World Bank's policy on conflict of interest.

Consultants may associate with other firms in the form of a joint venture or a subconsultancy to enhance their qualifications. The "association" may take the form of a Joint Venture or a sub consultancy. In case of a Joint Venture (JV), all members of the JV will be evaluated jointly for the purpose of short listing and shall be jointly and severally liable for the assignment and shall sign the contract in case of award is made to that JV group. Interested consultants should clearly indicate the structure of their "association" and the duties of the partners and sub consultants in their application. Unclear expression of interests in terms of "in association with" and/or "in affiliation with" and etc. may not be considered for short listing. Keeping one expression of interest per firm as principle, a consultant firm may decide whether it wishes to participate as a sub consultant or as an individual consultant or as a partner in a joint venture. Please note that a firm shall submit only one expression of interests in the same selection process either individually as a consultant or as a partner in a joint venture. No firm can be a sub consultant while submitting an expression of interests individually or as a partner of a joint venture in the same selection process. A firm, if acting in the capacity of sub consultant in any consultant or JV, may participate in more than one consultant, but only in the capacity of a sub consultant.

A Consultant will be selected in accordance with the Quality Based Selection method set out in the Consultant Guidelines.

Further information can be obtained at the email addresses below every working day during office hours from **10:00 to 15:00** (local time).

Expressions of interest must be delivered only by email to all the three email addresses mentioned below, by **November 30, 2021, time 13:00 CET (local time)**.

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