

REPUBLIC OF MACEDONIA
PUBLIC ENTERPRISE FOR STATE ROADS

REQUEST FOR EXPRESSIONS OF INTEREST

ROAD UPGRADING AND DEVELOPMENT PROJECT

Loan No.: 8525 - MK

Assignment Title: Assistance to the Public Enterprise for State Roads in Carrying Out Preparatory Activities for Introduction of Bridge Management System

Reference No. RUDP – CS – QCBS - 02

The Public Enterprise for State Roads of the Republic of Macedonia (PESR) has received financing from the World Bank toward the cost of the Road Upgrading and Development Project (RUDP) and intends to apply part of the proceeds for consulting services.

The objective of this commission is to assist PESR in their efforts to establish a Road Asset Management System, part of which will be a Bridge Management System (BMS).

The Public Enterprise is mandated to plan, construct, reconstruct and rehabilitate the National and Regional roads and bridges in the country. Bridges are broadly categorized as follows: (1) Bridges on National Roads (these bridges are on roads primarily connecting to neighboring countries but also to the largest regional centers in the country), and (2) Bridges on Regional Roads (these bridges are on roads connecting two or more municipalities and securing critical in-country connectivity). The current road network in Macedonia comprises a length of 14,159 km, of which 1,112 km are National Roads (consisting of 236.5 km highways and 876 km of non-motorway National Roads) with 467 bridges, 3,721 km are Regional Roads with 640 bridges, and the remaining 9,240 km are Local Roads. National and Regional Roads are under the responsibility of PESR.

The reference system for the Bridge Management System was established in 2007/08, by the Institute of Earthquake Engineering and Engineering Seismology (IZIIS) in Skopje, Rep. Macedonia, under a technical-assistance study. This study generates a database of

bridges and identifies information that is needed to assess their level of exposure to the hazards. The existing reference system identified 1107 bridges existing on the entire main and regional road network. This study covered 151 bridges, viaducts and overpasses on route A1 (Border crossing Tabanovce to/from Serbia – Border crossing Bogorodica to/from Greece) with ID number, report of currently situation with photographs. The study produced the following documents tailored to Macedonian conditions: (i) Bridge Database and Systems; and (b) Guide to Bridge Condition Survey and Evaluation.

The BMS which PESR is developing will cover the Bridges on Motorways, Expressways, National and Regional Roads. It will be part of a Road Asset Management System (RAMS) introduced in July 2017 and currently operational, managed by the Sector for road management and safety (also called RAMS team/unit), which falls under the Maintenance.

The objective of this activity is to provide guidance to PESR in the initial activities related to the introduction of BMS. The Consultant through this consultancy will provide support to PESR in: (i) strengthening the existing PESR Sector for road management and safety to include BMS staff and activities , (ii) detailing a roadmap for introduction of BMS as part of the RAMS, (iii) developing terms of reference for a project-funded consultancy to prepare the Bridge Investment Plan, (iv) developing terms of reference for a project-funded consultancy to prepare the national bridges condition survey and support in the procurement of that consultancy, (v) supporting the procurement of BMS software and hardware (bridge database and evaluation tools) through preparation of bidding documents, (vi) providing technical advice and quality review during the development and acceptance process of the BMS software, and (vii) evaluating the available bridge network data to compute monitoring indicators and statistics and perform a macro evaluation of the network to support planning and programming purposes.

The duration of the assignment will be 20 months.

The detailed Terms of Reference for the above referenced consulting services is posted on the website of the Public Enterprise for State Roads at:

<http://www.roads.org.mk/444/5004/proektna-programa-za-izbor-na-konsultant-za-voveduvanje-na-sistem-za-upravuvanje-so-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.

In order to determinate the capability and experience of the consultants seeking to be short listed, the information submitted shall include the following:

- Statement of intention to participate in the selection process

- Company information: name, status, address, telephone number, e-mail address, year of establishment, contact person for the project, turnover for the previous 10 (ten) years, number of permanent staff and part-timers, fields of expertise
- Details of experience in similar assignments undertaken in the previous 10 (ten) years, including the contract(s) value and location(s), number of staff involved in the contract(s), name of the Client(s), name of partners for contract(s) execution, source(s) of financing, type of services provided, contract(s) commencement and completion dates, brief description of the contract(s)
- Form of association (sub-contractor/consortium) for the execution of the contract, if the case may be, and the leading company. The same information as for the leading company shall be requested for the associated company/companies
- A list with ongoing assignments including the starting, the ending date and the personnel involved

The shortlisting criteria are:

- Minimum 10 (ten) years proven experience in preparing and managing projects related to road and bridge management in countries of similar size and similar conditions as the Republic of Macedonia and/or countries in the EU;
- Proven experience in projects assisting road authorities in improving their RAMS practices. At least 2 similar projects in the last 10 years.
- Proven experience in member countries of EU with experience in BMS implementation.

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* published in January 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 sub-consultancy 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 and Cost-Based Selection method set out in the Consultant Guidelines (*Selection and Employment of Consultants under IBRD Loans and IDA Credits & Grants by World Bank Borrowers, dated January 2011 revised January 2014*).

Further information can be obtained at the address below during office hours 09:00 to 16:00 hours.

Expressions of interest must be delivered in a written form to the address below (in person, or by mail) by 16:30 local time **February 8th, 2019**.

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