

REPUBLIC OF MACEDONIA

PUBLIC ENTERPRISE FOR STATE ROADS

REQUEST FOR EXPRESSIONS OF INTEREST

NATIONAL AND REGIONAL ROADS REHABILITATION PROJECT

Loan No.: 8420 - MK

Assignment Title: Procurement of the Road Asset Management System (RAMS) Software, Road Measurements and Consultancy Services for Public Enterprise of State Roads

Reference No. : NRRRP-CS--QCBS-10

The Public Enterprise for State Roads of the Republic of Macedonia (PESR) has received financing from the World Bank toward the cost of the National and Regional Roads Rehabilitation Project (NRRRP), and intends to apply part of the proceeds for consulting services.

Public Enterprise for State Roads is establishing a Road Asset Management System (RAMS). The objective of the project is establishment of RAMS system with delivery of RAMS software, missing road data collection and consultancy services needed for the RAMS implementation.

The delivered RAMS software must cover the next basic components:

- Road Data Bank (RDB) database,
- RDB application for data management,
- GIS for data management and data presentation,

All components must be integrated in common IT solution and must be integrated with HDM-4 as data analysing tool. Delivery of HDM-4 licence, user trainings and user support for HDM-4 are not part of this project – the client already has HDM-4 licence and Client’s RAMS team is already trained to work with HDM-4.

PESR seeks support from an international consultant company to create the Road Asset Management System (RAMS) software. This assignment will be funded by PESR with funds of a WB loan for the National and Regional Roads Rehabilitation Project.

The consulting services (“the Services”) include: (i) establishing of RAMS portal; (ii) establishing the Road Data Bank and GIS; (iii) establishing and implementation of Reference system; (iv) ground penetrating radar measurements, and (v) weighing of commercial vehicles in motion. All this items also include the training of staff.

The duration of the assignment will be thirty six (36) months from the start of services; twelve (12) months for establishment of RAMS system and additional twenty four (24) months for maintenance and support.

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/UserFiles/files/Izvestuvanja/2016/TOR_RAMS_SW_CLEARED_03march2016.pdf

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:

- (1) The Consultant must have a proven reference for at least 1 implementation and maintenance of comparable system of RDB including GIS that is in regular use for the roads covering the whole country or a state of a country, including motorways.
- (2) The Consultant must have a proven reference for at least 1 implementations of WEB GIS system in the field of Road Management for the state level road network that is in regular use in the last 5 years, where data are managed on the base of dynamic segmentation (section identifiers and chainage)
- (3) The Consultant must have a proven reference for at least 1 finished project where road reference system in form of road centrelines was established and/or maintained
- (4) The Consultant must have a proven reference for at least 1 finished project for Quality control and Quality assurance for entering the spatial data into national registers in the last 5 years
- (5) The Consultant must have 1 completed project for the determination of road pavement structure and 1 completed project for weighing of commercial vehicles in free traffic flow with the same system as planned.

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. In addition, please refer to the following specific information on conflict of interest related to this assignment:

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.

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, or by e-mail) by **April 4, 2016**.

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