

## **TERMS OF REFERENCE**

### **CONSULTING SERVICES**

#### **Republic of Macedonia**

#### **National and Regional Roads Rehabilitation Project and Road Upgrade and Development Project**

#### **Measuring direct beneficiaries**

### **Background**

The Public Enterprise for State Roads (PESR) has started the implementation of the World Bank financed National and Regional Roads Rehabilitation Project (NRRRP) and Road Upgrading and Development Project (RUDP). The project's development objectives are to enhance the connectivity of selected national and regional roads, primarily to Corridors X and VIII, and to improve the Public Enterprise for State Roads' capacity for road safety and climate resilience.

The projects include the rehabilitation and spot improvements of an estimated 112 km of national and regional roads as well as a pilot road safety black spot improvements program as well as a construction of an express road from Rankovce to Kriva Palanka. Furthermore, they include activities aimed at helping strengthening PESR's capabilities on issues related to road safety, road and bridge asset management, and climate resilience. They will also finance technical assistance, equipment, consultant services, and operational costs associated with the implementation of the project.

It is expected that the projects will be implemented over a five six periods from September 2014 to December 2020 by PESR. A dedicated Project Management Team (PMT) is being established consisting of PESR staff (a Project Director, at least three engineering specialists, a Procurement specialist, a Financial Management specialist, and an office administrator/translator). It will also be strengthened with consultants specialized in procurement and financial management. The PMT will undertake all roles and tasks required for project administration and implementation.

### **Objectives**

The main objective of this task is to assess and measure number of direct beneficiaries, disaggregated by gender for the following road segments:

1. Rehabilitation on national road A3, section Bitola-Makzai;
2. Rehabilitation on the national road A3, section Resen – Bukovo;
3. Rehabilitation on the regional road 1105GP, section Nov Dojran-Nikolic;
4. Rehabilitation on the regional road R1402, section Mokrino-Smolare;
5. Rehabilitation on the regional road R2343, section Delcevo-Golak;
6. Rehabilitation on the state road A3, section Kocani-Delcevo;
7. Rehabilitation on the regional road R 2335 and R2336, section Lazani-Ropotovo-Crnliste;
8. Rehabilitation on the state road R 2335, section Krivogastani-Obrsani-Vogani;
9. Rehabilitation on the regional road R1202, section Novo Selo-Bunec;
10. Rehabilitation on the regional road R1202, section Bunec-Mavrovi Anovi;
11. Rehabilitation on the regional road R1202, section Debar-Boskov Most;
12. Rehabilitation on the regional road R2233, section Brvenica-Cegrane;
13. Rehabilitation on the regional road R2249, section Melnicki Most-Centar Zupa and
14. Construction on express way A2, section Rankovce - Kriva Palanka.

The consultant will propose method and carry on:

Measurements of beneficiaries which will include classifying of beneficiaries as direct users of the road segments disaggregated by gender and role in the traffic as well as assess number of the beneficiaries because of their proximity residence to the road being rehabilitated for the NRRP project. Same will be applied for the new road being built for the Road Upgrade and Development Project

### **Scope of Services**

The consultant will provide measurement results on annual base encountering seasonality. Four measurements per year, one per each quarter will be carried.

There will use two sources of data:

- Collecting official data from relevant agencies and surveys;
- Appropriate field measurements, in terms of seasonality and time span.

### **Deliverables**

1. Inception Report- propose method for the measurement of the number of beneficiaries and grouping them by different categories
2. Annual reports providing number of beneficiaries
3. Monitoring instruments for the PESR. The Project staff of PESR should be able after two years to continue the work

Reports should be prepared in electronic form including a PPT presentation in Macedonian and English.

### **Timeline**

The assignment is for two years.

The Inception report will be completed no later the 1 month from the Contract signing. The measurements of the first quarter for the first year of the assignment will be delivered within three months after the inception report.

Draft Final Report will be delivered by the end of the contract and will be a sublimates of all findings for above sub-projects.

Final Report will be delivered within 2 weeks after the provision of comments to the Draft.

PESR will organize a dissemination event within 3 weeks after the acceptance of Final Report by PESR and the World Bank.

### **Procurement method and payment**

Consultant will be selected under Individual Consultant (IC) method according the World Bank's *Guidelines for Selection and Employment of Consultants Under IBRD Loans and IDA Credits & Grants by World Bank Borrowers (edition of January 2011)*.

Schedule of payments will be as follows:

|    | <b>Deliverable</b>  | <b>Date Due</b> (from Contract Signing) | <b>Payment</b> (% of total of Contract Price) |
|----|---|---|---|
| 1. | Inception Report  | 1 months                                | 10  |
| 2. | 1 <sup>st</sup> Quarter measurement of 1 <sup>st</sup> year   | 4 months                                | 10  |
| 3. | 2 <sup>nd</sup> 3 <sup>rd</sup> 4 <sup>th</sup> of the 1 <sup>st</sup> year                                 | 16 months                               | 10% after delivery of each measurement        |
| 4. | 1 <sup>st</sup> 2 <sup>nd</sup> 3 <sup>rd</sup> and 4 <sup>th</sup> measurement of the 2 <sup>nd</sup> year | 20 months                               | 10% after delivery of each measurement        |
| 5. | Final Report and Dissemination  | 22 months                               | 10% upon delivery of summary report           |

### **Consultant Qualifications and other requirements**

At least Masters Degree, preferable in Traffic Management.

The consultant should have at least three years' experience in traffic management.

### **Support by PESR to consultant**

PESR will make available to the consultant sections from the municipalities project submissions and detailed designs relevant to the assignment. PESR will notify all sample municipalities about the upcoming research and will assist the consultant in making appointments with all relevant municipality officials as well as will assist in providing relevant data from pertinent central government institutions.

### **Reporting**

An Inception report shall detail the proposed methodology operational aspects of doing the measurements (spots for measurements, timing within a season and day) and work plan.

The Inception Report will be submitted electronically to PESR, and to the World Bank, no later than 21 calendar days after the Consultant commence the services. The comments of the PESR and World Bank will be transmitted to the consultant no later than 2 weeks after the date of submission of the Inception Report.

The Consultant will submit report after each measurements and the Final Report to PESR, and to the World Bank. This Report will include as a minimum:

- Table of Contents and an Executive Summary;
- Summary of principal results of the measurements and recommendations how can PESR carry similar measurements for other investments of its portfolio.

All reports will be submitted in English and Macedonian language. Also, all reports will be transmitted electronically through E-Mail. The reports will use standard software (WORD, EXCEL, etc.).

**Duration of the Assignment**

The contract will be a lump sum contract for two years.