

LAO PEOPLE'S DEMOCRATIC REPUBLIC

Ministry of Public Works and Transport

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LAO ROAD SECTOR PROJET 2 (LRSP2)

REQUEST FOR EXPRESSIONS OF INTEREST

FOR

**CONSULTING SERVICES FOR CLIMATE RESILIENT ROAD PLANNING, ASSET
MANAGEMENT SUPPORT AND CAPACITY BUILDING**

(Date of issuance: **9 February 2017**)

The Lao People's Democratic Republic has received support from the World Bank (WB) and the Nordic Development Fund (NDF) toward the cost of the Lao Road Sector Project 2 (LRSP2, the Project), and intends to apply part of the Grant financing from NDF for consultant services (the Services).

The Project has been designed as a program to support the strengthening of maintenance systems that will result in improved connectivity. The Project will support institutional development through the preparation of financing and policy frameworks, improved planning and prioritization, and governance systems, and technical capacity for the road sector as a whole in order to maximize the effectiveness of public expenditure and allow for the incremental increase in the length of the provincial roads network in good and fair condition, its climate resiliency and safety. The Project will also finance periodic maintenance and routine maintenance works in six provinces (Phongsaly, Houaphan, Oudomxay, Xiengkhouang, Xayabouly and Bolikhamsay).

The Ministry of Public Works and Transport (MPWT) is now seeking a consultant (the Consultant) for Climate Resilient Road Planning, Asset Management Support and Capacity Building (the Assignment). The objective of the Assignment is to provide support to MPWT and relevant departments and other actors for climate resilient road asset planning and management, as well as support them in the development and application of relevant road maintenance planning systems taking into account climate resilience aspects, the development of a climate change action plan for the transport sector to mainstream climate change adaptation and mitigation in the business process, preparation of medium-term, climate-resilient national road maintenance and improvement programs based on long-term needs and current and forecast revenues, and guidelines on the use of improved road asset management incorporating climate resilience considerations as a tool for planning and prioritization for annual road maintenance budgeting.

The Consultant will assist the EA, IA and DPWTs in implementing the different project components. The services to be provided include but are not limited to the following:

- (i) Preparation of a climate change action plan for 2017-2025 in the transport sector (inter-modal) in Lao and English, as described in Lao PDR's *Intended Nationally Determined Contribution* (INDC);
- (ii) Support MPWT in its participation in the cross-ministerial National Disaster Management Committee (NDMC);
- (iii) Operationalize existing hazard maps into practical vulnerability maps for planning of road infrastructure maintenance or investments in the six provinces, and present an implementation plan for how to roll this out nation-wide;
- (iv) Improve climate resilience aspects of PROMMS and RMS by including climate change risks, other risks as needed and vulnerability data, to the PROMMS and RMS to allow road maintenance to be prioritized nation-wide also based on such risks;
- (v) Develop guidelines for planning and prioritization for road maintenance budgeting, taking into account climate risk considerations. This will include a draft Minister's decision on the use of the guidelines;
- (vi) Finalize standard operationing procedures (SOP) for emergency repair of roads damaged by natural disaster;
- (vii) Support the preparation of five year rolling national road maintenance and improvement programs;
- (viii) Provide support to the Road Maintenance Division (RMD) under DOR (earlier done by Public Works and Transport Research Institute, PTTI) for data collection for National roads, and provide support to DOR to strengthen the capacity of all DPWTs for data collection of local roads including digitized road maps;
- (ix) Conduct a training needs assessment in the areas the Consultant will deliver training in;
- (x) Implement training; and reporting.

The Consultant will be recruited using the quality and cost based selection (QCBS) method with a quality:cost ratio of 80:20 under a full technical proposal following the World Bank's "Guidelines: Selection and

Employment of Consultants under IBRD Loans and IDA Credits & Grants by World Bank Borrowers” (January 2011, as amended from time to time). The services are described in the Terms of Reference (TOR).

Further information can be obtained at the address below during office hours (08.00 - 16.00). Expressions of Interest must be delivered to the address below by or before 16.00 hours (local Lao PDR time) on **11 March 2017**. Electronic Submissions through email are acceptable to the email address below¹.

Ministry of Public Works and Transport; Department of Roads
Attn.: Mr. Litta Khattiya, Deputy Director General
P.O. Box 2158, Lane Xang Avenue, Vientiane Capital, Lao PDR
Tel: 856-21-412714; Fax: 856-21-414132
E-mail: k_litta@yahoo.com

The assignment is expected to start in May 2017 and has an estimated overall duration of 40 months.

MPWT now invites eligible consulting firms to indicate their interest in providing the services. There are no eligibility restrictions. The Consultant will be a firm or group of firms with:

1. Considerable experience in road infrastructure maintenance and planning, including data collection and analysis as well as database management;
2. Experience from climate change resilience planning and management for road infrastructure;
3. Experience from road infrastructure construction, maintenance, planning and capacity building in developing countries, including the development of a climate change action plan for the transport sector to mainstream climate change adaptation and mitigation in the business process. Experience from Lao PDR will be seen as advantageous.

The Consultant’s team is expected to include at least the following key experts:

1. Team leader with significant experience from road infrastructure work in developing countries;
2. Road Asset Management Specialist, experience in developing and implementing road asset management systems;
3. Road Maintenance Engineer, experience in road maintenance planning and operations with knowledge of climate related disaster risk management, experience of assessing vulnerability risks in a road network and preparing necessary mitigation measures.

Submission requirements: In order to determine the capability and experience of consultants seeking to be selected for this assignment, the information submitted should include the following:

1. Company profile, organisation and staffing (max. 4 pages);
2. Details of previous project experience or similar assignments undertaken in the previous five (5) years, including information on contract value, contracting entity/client (including contact information for reference checks), project location/country, duration (mm/yy to mm/yy), expert months provided, main activities, objectives;
3. CVs of key experts who could be available to work on the assignment.

Following this invitation for expressions of interest, a shortlist of qualified firms will be formally invited to submit proposals. Consultant selection and contracting will be subject to availability of funding. The shortlisting criteria are as follows:

1. Firm’s previous experience in road infrastructure maintenance and planning - 40%;
2. Firm’s previous experience from climate resilience planning and work in road construction and maintenance - 20%;
3. Relevant qualifications of key experts (CVs) - 40%.

Approved and signed by: 



Pheng DOUANGNGEUN

Director General
Department of Roads
MPWT

¹ A notification of receipt will be sent to the submitting party within two working days of receipt of the EOI.