

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



Department of Waterways (DOW)
Ministry of Public Works and Transport (MPWT)

Lao PDR Southeast Asia Disaster Risk Management Project

Assignment Title: Support to Temporary Hydro-meteorological Monitoring in Muang Xay

The Government of Lao PDR has received financing from the World Bank towards the cost of the Lao PDR Southeast Asia Disaster Risk Management Project (DRMP) and intends to apply part of the proceeds for consulting services. The consulting services (“the Services”) include the provision of comprehensive assistance and services to the Department of Waterways (DOW) within the Ministry of Public Works and Transport (MPWT). Specifically, services of a **Consulting firm** are required to support the DOW and Oudomxay DPWT in monitoring hydrological and meteorological data during the 2018 wet season, in the rivers Nam Mao, Nam Hin and Nam Kor in and around Muang Xay in order to inform the detailed designs of flood management interventions proposed in Muang Xay and its surroundings.

The assignment primarily focusses on the training of DOW and Oudomxay DPWT staff in the execution of the monitoring program in Muang Xay and in providing the skills required to take up new monitoring programs in other parts of the country. Specifically, the key tasks of the Consultant firm are to: (i) Support the staff of DOW and Oudomxay DPWT with the selection and acquisition of instruments for the Monitoring Program; (ii) Support the staff of DOW and Oudomxay DPWT with the selection of appropriate sites for the installation of the instruments for the Monitoring Program; (iii) Support the staff of DOW and Oudomxay DPWT with the actual field installation of the instruments, with the handling and further processing and storage of the collected data and with the maintenance of the installations; (iv) Support the staff of DOW and Oudomxay DPWT with the correct use of the ADCP equipment, the collection of flow data and the establishment of flow rating curves at the sites of the hydrological stations; (v) Provide, partly in classroom and partly on-the-job, training on the (a) purpose and functioning of the hydro-meteorological equipment; (b) field installation of the equipment; (c) the collection and further processing of the data, including data storage and quality control; and (d) the maintenance of the equipment.

The installation of a monitoring system and its operation is composed as follows: (i) 5 water level loggers installed at the beds of the rivers, or along bridge abutments or piers; (ii) 1 barometric pressure logger for the correction of the water level logger readings; (iii) 1 meteorological (rainfall) station, to complement the rainfall monitored at the recently JICA installed rain gauge in Muang Xay; (iv) ADCP instrument mounted on a catamaran for the measurement of river discharges at various levels at a number of rainstorm events.

The Services are expected to be carried out over a period of 9 months, starting from June 2018, and covering the 2018 wet season.

The Ministry of Public Works and Transport (MPWT) now invites eligible Consultant Firms to indicate their interest in providing the Services. Interested Consultant Firms must provide information indicating that they are qualified to perform the services (brochures, experience in the country/region, experience in similar type of assignments, experience with Multilateral Institution Financed Projects, specific experience, management structure and key company personnel, and so forth). The firm needs to have a track record in carrying out technical assistance and consultancy services on hydro-meteorological monitoring and be familiar with monitoring conditions in Lao for a period of at least 25 years. For the execution of the principal part of the work the consultant shall propose and provide a Senior Hydrometrist, with at least 25 years of experience in setting up and managing hydro-meteorological stations in the complex field conditions of Lao or in areas of comparable complexity. Consultants may associate with other firms in the form of a joint venture or a sub-consultancy to enhance their qualifications.

The detailed services and qualification requirements, as well as specification of the installation of hydro-meteorological monitoring equipment is provided in Terms of Reference (TOR) that can be obtained from the point of contact below. and can be downloaded on www.mpwt.gov.la

A Consultant Firm will be selected in accordance with the procedures of CQS method set out in the World Bank’s Guidelines: Selection and Employment of Consultants by World Bank Borrowers dated January 2011, revised in July 2014.

Interested Consultant Firms may obtain further information on working days at the address below during office hours: from 8:30 AM - 16:30 PM.

Expressions of Interest must be delivered no later than 2:00 PM on 18th June 2018 to the address below (in person, or by mail, or by fax, or by e-mail).

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