

REQUEST FOR EXPRESSIONS OF INTEREST

“Consulting Services for Preparation of a Reservoir and River Health Sub-Plan for the Environmental and Social Management and Monitoring Plan, Operational Phase (ESMMP-OP)”

Contract Ref No.: NNP1PC-CF-ESD-EMO-2018-04

Nam Ngiep 1 is a hydropower project (NNP1) under construction in the central provinces of the Lao PDR. The Nam Ngiep 1 Power Company (NNP1PC), co-owned by Kansai Electric Power of Japan, EGAT International of Thailand, and the Lao Holding State Enterprise, is building a 290-MW power plant to provide clean renewable electricity and contribute to poverty reduction in Laos. NNP1PC hereby invites qualified candidates to indicate their interest in the following assignment:

Assignment Title : **Preparation of a Reservoir and River Health Sub-Plan for the Environmental and Social Management and Monitoring Plan, Operational Phase (ESMMP-OP)**
Duty Station : **Paksan District, Bolikhamxay Province and Field work**

1. OBJECTIVE OF ASSIGNMENT

To develop an integrated reservoir and river health monitoring sub-plan for the operational phase of NNP1 as an integral part of the ESMMP-OP and to develop relevant procedures and data management and analysis tools.

2. SCOPE OF SERVICES

- (1) **Ecological Modelling and Water Quality** – to produce a robust and scientifically sound and fully operational water quality monitoring and assessment programme covering the section from upstream the main reservoir down to the confluence of Nam Ngiep with Mekong River.
- (2) **River Health and Environmental Flow** – to produce a consolidated robust and scientifically sound and fully operational Environmental Flow Requirements monitoring and assessment programme that enable the Company to determine the level of compliance with the Environmental Flow Requirements and enable the Company to evaluate the effectiveness of the Environmental Flow Requirements in meeting the ecosystem health and livelihood objectives.
- (3) **Fresh-water Biology** – to produce monitoring components to the consolidated Environmental Flow Requirements Monitoring and Assessment Programme in terms of robust and scientifically sound monitoring and assessment of river flow-dependent ecosystem health indicators and river flow-dependent livelihood indicators to demonstrate the effectiveness of the Environmental Flow Requirements in achieving the ecosystem health and livelihood objectives.

3. CONTRACT DURATION:

Estimated 40 working days.

4. PROFESSIONAL BACKGROUND AND QUALIFICATIONS

The consulting services are designed to be performed by a team of three suitably qualified experts comprising: (1) an Ecological Modelling and Water Quality Expert, (2) a River Health and Environmental Flow Expert, and (3) a Fresh-water Biology Expert.

The assignment is open for individual consultants and firms. Individual consultants may submit their expression of interest as a team.

Expressions of Interest must be received at the address below no later than **June 21, 2018 at 17:00 local time** and specifically mentioning “**Preparation of a Reservoir and River Health Sub-Plan for the Environmental and Social Management and Monitoring Plan, Operational Phase (ESMMP-OP)**”.

The Expression of Interest shall include a presentation of the consultants (curriculum vitae), information about consultants’ qualifications and capability to perform the consulting services including description of experiences with similar assignments, confirmation of availability of the consultants, and a brief description of the methodology proposed by the consultant to undertake the services.

Interested consultants may request and obtain further information and detailed terms of reference by email at the address below.

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