



REQUEST FOR EXPRESSIONS OF INTEREST

Bid Identification No. NNP1PC-CF-TD-2020-02

Nam Ngiep 1 Power Company (NNP1PC), co-owned by Kansai Electric Power of Japan, EGAT International Company Limited, and Lao Holding State Enterprise, is operating a 290-MW power plant to provide clean renewable electricity and contribute to poverty reduction in Laos. NNP1PC hereby invites qualified consultants/firms to indicate their interest in the following assignment:

Assignment Title: Consultancy Service (National Consultant/Consortium of Experts) for the Meteor-Hydrological Measurement at Nam Ngiep 1 Hydropower Project.

1. OBJECTIVE OF ASSIGNMENT

1. To conduct measurement of water discharge at Nam Ngiep river at upstream side of the Main Dam reservoir (Thavieng Village, Thathom District, Xaysomboun Province) and downstream side of the Re-regulation dam (Hat Gniun station, Bolikhan District, Bolikhamxay Province).

2. Discharge measurement and technical requirements:

- To carry out discharge measurement in Hat Gniun Village and Phoneyeng Village once a month and on a needed basis during floods; schedule on measurement is indicated below schedule,
- To carry out water flow measurement in Diversion Conduit of the Main Dam in case of emergency and as instructed by the Owner,
- Discharge measurement shall be carried out in full cross section of the river with two directions from the left bank to right of the river and vice versa,
- Interval of velocity measurement shall be measured in 5.0 m interval,
- Velocity depth measurement for each section shall be carried out as followings:
 - If the depth of water is less than 0.6m, the water velocity shall be measured at 20% and 60% of the depth of water with average value from three times recording,
 - If the depth of water is less than 0.8m, the water velocity shall be measured at 20% and 80 % of the depth of water with average value from 3 times recording,
- To record the data in the recording sheet in accordance with standard discharge measurement method,
- To input data into Excel sheet, and
- To take pictures during measurement.

3. CONTRACT DURATION:

- It is expected to start 01st August 2020 to 31st December 2020

4. PROFESSIONAL BACKGROUND AND QUALIFICATIONS

- Preference of National Consultant/Consortium of Experts who has previously worked in meteor hydrological monitoring activities with hydropower Projects or/and international organizations in Lao PDR. In addition, the Team Leader (key position) shall have the following qualifications:
- Minimum of a Diploma or Bachelor's Degree in Meteor Hydrological or other related fields,
- Minimum of five years of experience in meteor hydrological monitoring,
- Demonstrated experiences and skills for meeting facilitation,
- Good command in English is preferred: reading, writing and reporting skills,
- Excellent time management skills with an ability to deliver high-quality outputs on time, and
- Driving license is required.

Interested National Consultants/Consortium of Experts must submit a proposal of between 5-10 pages in length excluding attachment, expertise team with attachment of their CVs, workplan, and work methodology by **Friday, 10th July 2020 at 17:00 (Local Time) per the contacts as follows:** . The Scope of Work (SoW) can be obtained by submission in writing to address below:

Contact Person:

Mr. Xaythinh Philamakhot, Manager, Procurement, Contract and IT& DCC Department, Administration Division, Nam Ngiep 1 Hydropower Project, 2nd Floor of Sky City Building, Sybounheang Village, Chanthabury Dist. Vientiane Capital, Lao PDR, Telephone: + 856-21-265185, Facsimile number: +856-21 265186, Mobile Number: +856-20-22303344, Email: xaythinh.p@namngiep1.com and cc: Mr. Kongthanou Khanthavixay, DM Procurement and Contracts, Email: kongthanou.k@namngiep1.com