



# Tanahu Hydropower Limited

(A subsidiary company of Nepal Electricity Authority)

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## PRESENT STATUS

### Bidding Process:

- Technical Bids Evaluation Report (TBER) of Package 1- Headworks prepared by the Bid Evaluation committee of the THL/PSC is being reviewed by the ADB for their concurrence.
- Technical Bid Evaluation of Package 2- Waterway, Powerhouse and Related Equipment prepared by the Bid Evaluation committee of THL and PSC has been sent to JICA for their concurrence.
- THL has forwarded the Volume 1 of draft bid documents for Package 3- Transmission Line to the NRM/ADB for their initial review and comments. PSC is finalizing the cost estimate and remaining parts of Bid Documents as well.

### Safeguard activities:

#### Formation of Local Consultative Forum (LCF)

As far the provision of Resettlement and Indigenous People Plan (RIPP), Local Consultative Forums have been formed at project affected Rural Municipalities namely Rising and Myagde. LCFs comprise of following members under the chairmanship of the respective chairperson of these rural municipalities:

#### Rising Rural Municipality

1. Chairperson
2. Ward Chair of affected ward (Ward no 1,6,7,8)
3. Two representatives of project affected families (M&F)
4. Representative from local government Institution (School)
5. Social Worker (1)
6. Representative of the Project THL (Member Secretary)

#### Myagde Rural Municipality

1. Chairperson
2. Ward Chair of affected ward (Ward no1,2,3,4,5)
3. Two representatives of project affected families (M&F)
4. Representative from local government institution (Forest)
5. Social Worker (1)
6. Representative of the project THL (Member Secretary).



Formation of LCF at Rising Rural Municipality



Formation of LCF at Myagde Rural Municipality

### Work Progress of Bridging Consultant

The Bridging Consultant comprising of Environmental, Fisheries and Social Safeguard experts have been engaged in the site to undertake all required preparatory measures as mentioned in Environment Management Plan (EMP) and monitoring works as required until the Environment and Social Management Service Provider (ESMSP) team is mobilized. THL has finalized the EoI documents along with the ToR and cost estimates for engagement of the ESMSP after incorporating all comments from the ADB, which will be presented to the THL Board for final approval.

## **Census Survey**

The census survey with questionnaires is being continued at the project site office. The survey will identify the work force available for the major construction works within the affected area, training need for severely affected family, ethnic/indigenous group, landless people, vulnerable group and economic status of affected households. Till date 127 questionnaires forms have been filled.

## **Skill Development Training**

THL Board has approved the proposal as received from the Rural Training Center (RTC-a training wing of CTEVT) for the first phase of Vocational Training in the following fields;

- Building Electrician;
- Mason;
- Junior Plumbing.

The skill development training will support the affected people for their livelihood restoration and enhancement. The area of training can be extended/ modified in future based on the demand of affected people. During the selection of Trainee, the priority will be given to those from displaced families, disadvantage group, women, indigenous people and vulnerable group. It has been planned to conduct these skill development trainings from 1 November 2017, for which the participants will be selected with the support of newly formed LCFs.

## **Consultation and Interaction with Local Government**

The Environmental and Social Management Unit (ESMU) team has been regularly visiting the offices of the following Local Bodies of project affected area in order to brief the current status of the project:

- I. Vyas Municipality;
- II. Bhimad Municipality;
- III. Rising Rural Municipality; and
- IV. Myagde Rural Municipality.

The Representatives of Local Bodies has been expressing their commitments for necessary supports to the project at any time.

## **Community Meeting**

The project team made interactions with the project affected people in different locations namely Wantang, Milan Tole, Phulbari and Bandarkuna. In addition, the project team has recently consulted the people of Betini for acquiring their land required for site establishments of the main contractor (labor camp construction and disposal site etc.).

## **Grievance Registration and Readdress**

The project site office has been so far registering the grievance raised by affected as well as local people. Project team has taken initiations to address them as far as possible. Further, the project team regularly consulted the district line agencies (District Administrative Office, District Forest Office, District Education Office, District Land Revenue Office, District Land Measurement Office, Office of Vyas Municipality etc.) as necessary in order to address the grievances. The registered grievances so far focus mainly on the following issues:

- Acquisition of remaining land less than one ropani;
- Possible impacts of reservoir to remaining land;
- Disturbance on school and water logging problem;
- Protection of affected land during access road and bridge approach road construction;
- Field survey to count the missing trees etc.

The LCFs will be fully mobilized for registration and addressing the Local Level grievance in coming days.

## **Project Preparatory Works:**

### **Access Roads**

#### **Access Road from Chapaghat to Dam Site Area (3234m)**

The construction of hume pipe culverts, retaining structures, speed breakers, clearing of drains are being continued. Till now, altogether 2000m DBST has been completed. About 65% of financial & 85% of physical progress have been achieved so far.

#### **Access Road from RCC Bridge to Powerhouse (3314m)**

The construction of cross drainage, retaining structures, plantation activities in landslide areas, clearing of drains and other civil activities are being continued. Laying of the base course is completed and Double Bituminous Surface Treatment (DBST) work will be carried out after the monsoon. About 65% of financial and 80% of physical progress have been achieved so far.

### **Camp Facilities**

All together 33 nos. of buildings (2 nos. of office buildings for employer and consultants, 2 nos. of residential building of type A, 12 nos. of residential building of type B, 10 nos. of residential building of type C, 2 Dormitories, 1 Guest house, 1 health post, 2 restaurants and 1 guard house) are to be constructed for camp facilities. Foundation works of 28 buildings have been completed. Super Structure works are being started in few buildings. As of August 2017, about 60% physical works and 50% of financial progress have been achieved in construction of camp facilities.



**Construction Camp Facilities**

### **Construction Power Sub-Station**

Construction power substation is under construction near the camp site. 6/8 MVA Power transformer and its accessories were delivered at site and are in the phase of installation. 33 kV and 11 kV panel boards were fitted inside the control room. Conductor stringing work of 11 kV line is completed. Gantry tower, cable laying and 33kV of physical works have been completed.

### **Rock Mechanical Test and Core Drilling Work at Adit Tunnel**

Soil, Rock and Concrete Laboratory (SRCL) completed all preparatory works including the drilling of boreholes required for slotter tests. PSC has started mobilizing the equipment required for the tests and it is scheduled to carry out the required tests starting from the second week of September 2017.

### **Power Purchase Agreement**

As further processing of the PPA application, NEA and THL have finalized the salient feature of the project along with estimated energy generation table and single line diagram for power evacuation. Additionally, THL recently signed the Grid Connection Agreement of the project with NEA. Similarly, a local consultant is being engaged by the JICA for financial analysis of the project, which will facilitate to finalize the PPA rate for the project. It is expected that the PPA will be concluded by the end of November 2017.

## **Supplementary EIA for Upgrading Generation Capacity from 127MW to 140MW**

The Ministry of Energy has forwarded the SEIA report after incorporating all comments from the Department of Electricity Development (DoED) to the Ministry of Population and Environment (MOPE) for final approval. Subsequently, MOPE issued a 15 days public notice in a natural daily newspaper for public opinions and suggestions. Further, a presentation has been made in the MoPE and the comments received during the presentation are being incorporated by the Environmental and Social Study Department (ESSD) of NEA.

## **SIEE for Proposed New Route Alignment of Transmission is 37 km Line**

A local consultant engaged for the SIEE of transmission line for new alignment has submitted the report to THL and THL has submitted the same report to DOED for its approval. A presentation was organized at DOED and the revised SIEE report has been submitted to DOED after incorporating the comments. After the approval of this SIEE, it is expected that DoED will issue the construction license of Damauli - Bharatpur 220 kV transmission line shortly.

## **License**

- After approval of SEIA, Generation License of the project will be upgraded to 140 MW from 127 MW.
- SIEE Report has been submitted to DOED in order to obtain the construction license of 220 kV transmission line.
- THL is preparing a separate brief project report to apply the license for 1.9 MW environmental flows generation plant.
- THL has applied for survey license of Lower Seti Hydropower Project with installed capacity of 92MW as the future plan of development.

## **FUTURE COURSE OF ACTION:**

### **CIVIL/TECHNICAL ACTION**

**Forest Clearance:** It is expected to get approval of forest clearance work by the end of September 2017.

**Approval of SEIA:** It is expected to get approval of SEIA report from MOPE by 30 September 2017 and accordingly the generation license of project will be upgraded from 127 MW to 140 MW by the end of October, 2017.

**Expression of Interest ESMSP:** Expression of Interest (EOI) notice for Environmental and Social Management Service Provider (ESMSP) will be published by the end of September, 2017.

**Award of Contracts for Main Packages:** It is expected to award the Contracts for package I and package II by the end of December, 2017.

**Power Purchase Agreement:** It is expected to conclude the PPA by the end of November, 2017.

### **SAFEGUARD ACTION**

**Compensation Distribution:** About 245 affected families have already received the compensation for land within reservoir area. The compensation distribution activities are being continued.

**Community Consultation:** Community consultation is planned for once in a month at each LCF.

**Census Survey:** Census survey of affected households is continued. The household survey of all affected household within reservoir area will be completed by the end of October, 2017

**Commencement of Skill Development Training:** Skill development training is planned to commence from 1 November 2017. Initially three groups consisting of 20 trainees each will receive trainings on the topics of mason, plumbing and electrician.

**Meeting of Local Consultative Forum (LCF):** LCFs has been formed at all four Local Level (Vyas, Bhimad, Myagde and Rising). The meeting will be organized regularly as per the provision of LCF procedures, which will also be approved by LCFs through its first meeting.

**Preparation of Booklet and Leaflet:** Preparation of booklet and leaflet is being continued and will be finalized by the end of September, 2017. The texts mainly focus on introduction and salient features of the project, FAQ part, progress status till date on pre-construction as well a Safeguard Works.

**Local Media Mobilization for Information Dissemination:** As scheduled, local media, both print and electronic, especially FM radio are being mobilized effectively soon to disseminate project related information.

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