



Tanahu Hydropower Limited

(A subsidiary company of Nepal Electricity Authority)

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PRESENT STATUS

Bidding Process:

- Asian Development Bank has issued no objection fax letter with its comments on 22 December 2017 on the Technical Bids Evaluation Report (TBER) of Package 1- Headworks prepared by the Bid Evaluation committee of the THL/PSC. THL will present the same to the THL Board for the final approval and thereafter the Price Bids of the Substantially Responsive Bidders will be opened in the presence of the representatives from the Bidder.
- Price Bids of the Substantially Responsive Bidders of Package-2 were Opened on 04 December 2017 in the presence of the JICA representative and representatives from the Bidders. Currently, THL Bid Evaluation Committee is evaluating the Price Bids with the support of PSC.
- THL is still waiting from the ADB for their concurrence on the Bidding Documents along with cost estimates of Package 3- Transmission Line. Upon receiving no objection from the ADB, the notice for Invitation for Bids (IFB) will be published for the Package 3.

Safeguard activities:

Environmental Safeguard:

The Bridging Consultant (Environmental Monitoring Specialist) has prepared the Updated EMP based on EIA2009, Addendum 2012 and Supplementary EIA 2017 as well as Semiannual Environment Safeguard report for the period from July-December, 2017). Environmental safeguard orientation was provided to skill development trainees in December 2017.

Fish Biodiversity:

SetiRiver offers a decent habitat for cold and warm water fish. Some of them are medium to long range migratory species. Fish survey in Seti River in the proposed reservoir area from July to December revealed 44 species. Among these 44 species, 4 species (*Tor Putitora*, *Tor*, *Bagarius Yarrilli* and *Clupisoma garua*) are long distance migratory, whereas two species (*Labeo dero* and *Neolissochelus hexagonolepis*) are mid distance migratory. Remaining 38 species are resident. Further, 6 species are listed under IUCN red list. The Red listed fish species from the project area and their migratory status are presented in the Table 1 below.

However, *Bagarius Yarrilli* and *Schizothorax Richardsoni* are not caught during this study period. Few local and modified fishing equipment (fish traps) were also used in catching the fishes.



Hoarding Board for Public awareness at site



Katle-N. hexagonolepis



Local fish trap-Modified Dhadiya



Baghi-Botia almorhae

Table 1. Fish species under IUCN Red list

S.N.	Scientific Name	Local Name	Migratory status	IUCN RED List category
1	<i>Tor Putitora</i>	Sahar	Long distance	Endangered
2	<i>Bagarius Yarrilli</i>	Goanch	Long distance	Near Threatened
3	<i>Tor</i>	Pahelo Sahar	Long distance	Near Threatened
4	<i>Neolissochelilushexagonolepis</i>	Katle	Mid distance	Near Threatened
5	<i>Schizothorax Richardsoni</i>	Asola	Mid distance	Vulnerable
6	<i>Labeo dero</i>	Rewa	Resident	Near Threatened

Community Meeting

ADB Social Safeguards Mission (13-17 November 2017) visited the project sites and conducted the interactions with the project affected families as well as the project officials. The Aide Memoire of the Mission has been finalized with necessary future actions to be taken regarding social safeguard and environmental monitoring issues.

Meeting of Local Consultative Forum (LCF)

As per provisions of Resettlement and Indigenous People Plan (RIPP)-2012, Local Consultative Forums (LCFs) have been established at project affected Rural Municipalities and Municipalities. The meetings of all LCFs are being conducted as per the approved working procedures. The LCFs also facilitated the nomination of the trainees for skill development trainings, which are being conducted in the Rural Training Center, Bhimad.

Operation of Public Information Center (PIC)

The Public Information Center (PIC) has been established at Rising Rural Municipality. The PIC also facilitated the skill development training being conducted by Rural Training Center (RTC-a training wing of CTEVT) at Bhimad.

Bridging Consultant

The Bridging Consultants comprising of Environmental, Fisheries and Social Safeguard Specialists have been engaged in the site to undertake all required preparatory measures as mentioned in Environment Management Plan (EMP) and to monitor pre-construction works as required until the Environment and Social Management Service Provider (ESMSP) is mobilized. During the reporting period baseline monitoring, compliance monitoring has been progressed on water quality sampling, forest and wildlife survey, downstream sensitivities survey.

Environment and Social Management Service Provider (ESMSP)

A notice for Expression of Interest (EOI) was published in national the newspaper "The Rising Nepal" as well

as on website of ADB (<http://cms.adb.org>) for the recruitment of ESMSP. The deadline for the submission of the EoI was fixed as 07 December 2017, which was further extended until 21 December 2017. Currently received EoI submittals are under evaluation.

Census Survey

The field surveys with questionnaires are being continued at the project affected areas. The survey will identify the available work forces 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. So far, 420 questionnaire forms have been filled. The data tabulations of surveyed questionnaires have been initiated. It is expected that the field surveys could be completed by February 2017.

Skill Development Training

The first phase of the skill development training has been conducted since 15 November 2017 by the Rural Training Center (RTC-a training wing of CTEVT. A total sixty trainees from the project affected areas are participating in the training in the different fields as shown in the Table 2 below:

Table 2.Skill Development Program

Types of Training	Number of Participations	Training Time
Building Electrician	20/20	Morning/Day
Junior Plumbing	20	Morning

The Bridging Consultant (Environmental Monitoring Specialist) provided safeguard orientation to skill development trainees. THL has been also regularly monitoring the trainings.

Grievance Registration and Readdress

The project site office and newly established LCFs have been registering the grievance raised by affected as well as local people. The registered grievances so far focus mainly on the following issues:

Table 3.Summary of Grievance Registration

S.N.	Type of Grievance	Number
1.	Missing of tree counting	15
2.	Missing of item in property valuation	4
3.	Land remaining less than 1 ropani	6
4.	Low valuation of structure	4
5.	Compensation of trees planting in public land near their registered land	6
6.	Request to THL to provide Identity Card to all Affected Families	1
Total		36

The LCFs in coordination with the project site office will make the best efforts to address these grievances at the earliest.

Project Preparatory Works:

Access Roads:

Access Road from Chapaghat to Dam Site Area (3,234)

The construction of access road from Chapaghat to the entry of the Dam Site has been completed with Double Bituminous Surface Treatment (DBST) along with required hume pipe culverts, retaining structures, side drains etc. The entire clearing of drains up to chainage 0+2000 m have been completed. Track opening In the remaining section of the road towards the dam site could not be initiated due to land acquisition and forest clearance issues.

Access Road from RCC Bridge to Powerhouse (3,314m)

The construction of the access road from the RCC Bridge to the powerhouse has been completed with Double Bituminous Surface Treatment (DBST) along with cross drainage and retaining structures. Clearing of drains, road markings and other minor civil works have also been completed.



Access road towards Camp Site

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. Brickworks and plastering are being continued in majority of buildings as structural works of all units are almost completed.

As of December 2017, about 65% physical works and 55% of financial progress have been achieved in construction of camp facilities. It is expected that the Contractor will complete one office building and two other residential buildings by the end of January 2018.



Construction Camp facility

Construction Power Sub-Station

Construction power substation is under construction near the camp site. 6/8 MVA Power transformer and its accessories have been installed. 33 kV and 11 kV panel boards were installed in the control room. Conductor stringing works of 11 kV as well as erection of gantry tower, cables lying of 33kV have been completed. The charging of the sub-station will be carried out in the month of January 2018.



Construction Power Substation

Power Purchase Agreement

THL has signed the Grid Connection Agreement of the project with NEA. A local consultant engaged by the JICA has submitted the draft financial evaluation report of the project. The model PPA as received from NEA has been sent to the ADB and JICA for their review and comments. THL has also engaged a local legal firm to review the draft PPA and translate it into English.

Rock Mechanical Test and Core Drilling

After completion of all the scheduled Slotter Tests in all boreholes inside the test adit, PSC is analyzing the test results. It is expected that the draft report on the Rock Mechanical Test will be submitted by the PSC by the end of January 2018.

Upgrading of Generation License from 127MW to 140MW

After approval of SEIA report of Tanahu Hydropower Project by the Ministry of Population and Environment (MoPE) on 6 November 2017, THL submitted the application to DoED for the upgrading of generation license to 140MW with the required documents and the license fees. Ministry of Energy (MoE) has approved the upgrading of generation license to 140 MW on 28 December 2017.

SIEE for Proposed New Route Alignment of Damauli-New Bharatpur Transmission Line

After approval of the SIEE report of Damauli-Bharatpur 220kV Transmission Line by the Ministry of Energy on 13 October 2017, THL has submitted the application to the DoED for construction license of the TL on 21 December 2017.

Forest Clearance Plan

After approval of the Forest Clearance by the Council of Ministry, an agreement for forest clearance plan has been signed between THL and the Department of Forest.

Licenses

- THL applied for the construction license of 220 kV Damauli-Bharatpur transmission line on 21 December 2017.
- THL has prepared a brief project report for 1.9 MW environmental flows generation plant and application will be submitted to DoED for the survey license of generation shortly.
- THL has received the survey license of generation of Lower Seti (Tanahu) Hydropower Project with the installed capacity to 104MW. After joint site visit of THL and JICA Data Collection Team, the JICA Data Collection Team is preparing the preliminary report of the project, on basis of which, the further study will be conducted.

FUTURE COURSE OF ACTION:

TECHNICAL ACTION

Expression of Interest for ESMSP: After the completion of EoI process for ESMSP, THL will issue RFP (Request for Proposals) to the shortlisted consulting firms in the month of February 2018.

Award of Contracts for Main Packages: TBER of Package-1 along with the ADB's no objection letter will be presented to the THL and upon approval of the same, the Price Bids of the substantially responsive bidders will be opened. As the concurrence to the PBER of Package-2 from the JICA has been received, the Price Bid Evaluation Report will be submitted to the THL Board for the final approval. Pre-award meetings with the Lowest Evaluated Substantially Responsive Bidder for Package-2 will be initiated afterward.

Power Purchase Agreement: It is expected to conclude the PPA with NEA by the end of February 2018.

SAFEGUARD ACTION

Update of RIPP: THL has been working on updating of RIPP with the support of PSC.

Compensation Distribution: About 85% of total affected families have already received the compensation payments for land within the reservoir area. So far, about NRs. 580 Million has been distributed to the affected HHs. The compensation distribution activities will be continued as well as further land acquisition /lease for access road and site establishment at Betini area will be initiated in January 2018.

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

Census Survey: The household survey of all affected household within reservoir area will be completed by February 2018.

Preparation of Booklet and Leaflet: A leaflet of THL has been finalized and will be distributed to all stakeholders after printing. The texts of the leaflet mainly focus on introduction and salient features of the Project, FAQ part, progress status till date on pre-construction as well on safeguard works.

Local Media Mobilization for Information Dissemination: As scheduled, local media, both print and electronic, especially FM radios of Tanahu District are being mobilized to disseminate project related information

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