



Tanahu Hydropower Limited

(A subsidiary company of Nepal Electricity Authority)

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PRESENT STATUS

Invitation for Bid (IFB) Notice

IFB notices for Package I (Head Works and River Diversion) and Package II (Waterway, Power House and Related Equipment) have been published on 01 February, 2017 to the following shortlisted applicants. For both packages, bid submission deadline is 03 May, 2017.

List of shortlisted applicants selected in pre-qualification stage:

Package - I	Package - 2
<ul style="list-style-type: none">• M/S JAI PRAKASH Associates Ltd., India• M/S Song Da Corporation/Kalika Construction• M/S HCC-Dogus Integrated JV, India• M/S China Gezhouba Group Com., Ltd, China• M/S CMC di Ravenna, Italy	<ul style="list-style-type: none">• M/S HCC Hindustan Construction Company Ltd., India• M/S Sinohydro Corporation Ltd., China• M/S CMC di Ravenna, Italy

Bid documents for package III (37 km long 220 kV double circuit transmission line) are being prepared by Project Supervision Consultant (PSC).

Land Acquisition and Compensation Fixation Process

Total land to be acquired in the reservoir area is 696.40 ha, out of which 61.10 ha is private land and 635.30 ha is public land. Public notice had been published in the national newspaper on 21 August 2016 for acquisition of land to be inundated by the reservoir.

After finalization of the sub-committee report for the determination of the compensation rate, all-party meeting was held by THL at Damauli on 31 January, 2017. Further, joint discussions were held with the two groups of stakeholders comprising of project affected people on February 5, 2017. The Compensation Determination Committee (CDC) under the chairmanship of Chief District Officer, Tanahu District has decided the compensation rate of the land parcels to be acquired in the reservoir area.

A formal notice was published on February 9, 2017, inviting the affected people to collect their compensation and the process for distributing the compensation amount of land and other structures has been started from February 18, 2017.

A compensation amount of NRs. 392, 892,367.36 had been paid to the 153 affected households of the access road and camp facilities area in the year 2012/13.



Compensation being handed over to affected household owner

Project Preparatory Works:

Access Roads

Road upgrading works, construction of cross drainage and retaining structure from Prithivi Highway (Chapaghat) to Beni Patan (toward the dam site area) are under process. Preparation of sub base course laying work is also ongoing. About 30% of physical work has been achieved so far.

Similarly, track opening of access road to powerhouse area is almost completed. Improvement work of access road from newly constructed RCC Bridge to camp site and camp site to powerhouse area along right bank of Seti River are being continued. Total length of this road section from RCC Bridge to Powerhouse is 3,254 m, whereas RCC Bridge to Camp Facilities is 2,000m. Similarly, preparation of sub base course laying work was initiated.

Physical progress of side drain, cross drain and retaining wall structure of 75% has been achieved so far.



Construction of Access road from Chapaghat to Benipatan



Sub-grade preparation of newly constructed bridge to powerhouse road

Camp Facilities

All together, 33 buildings (2 office buildings each for Employer and Engineer, 2 residential building of type A, 12 residential building of type B, 10 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. Among them, foundation works of 15 buildings have been completed and super structure work is under process. About 20% physical works of camp facilities have been completed.



Construction of Camp House

The status of construction of camp facilities is as follows:

Description	Progress
Office building (Consultant)- 1 nos.	<ul style="list-style-type: none">Plinth beam concreting.Ground floor column concreting.
Office building (Employer)- 1 nos.	<ul style="list-style-type: none">
Residential building of type A- 2 nos.	<ul style="list-style-type: none">Foundation excavation-1 nos.Foundation beam concreting-2 nos.Sub structure work-2 nos.

Residential building of type B- 12 nos.	<ul style="list-style-type: none"> • Foundation excavation-1 nos. • Sub structure work-1 nos. • Plinth beam concreting-2 nos. • Ground floor column concreting-4 nos. • 1st floor slab concreting-1 nos. • 1st floor column concreting-1 nos. • Top (2nd) floor slab concreting-4 nos. • Top (2nd) floor column concreting-1 nos. • Roof floor slab concreting-1 nos.
Residential building of type C- 10 nos.	<ul style="list-style-type: none"> • Foundation excavation-1 nos. • Foundation beam concreting-1 nos. • Sub structure work-1 nos. • Plinth beam concreting-1 nos. • Ground floor column concreting-1nos.
Dormitory-2 nos.	<ul style="list-style-type: none"> • Plinth beam concreting-1 nos.
Compound wall	<ul style="list-style-type: none"> • Foundation excavation.

Construction Power Sub-Station

33/11 kV sub-station for construction power (6/8 MVA) is under construction near the camp site. A contract was signed on February 03, 2015 between Tanahu Hydropower Limited (Employer) and East India Udyog/Waiba Infratech JV (Contractor) for "Design, Supply, Delivery, Installation/Erection/Construction, Testing and Commissioning of 6/8 MVA, 22/11 kV Sub Station, 33 kV Sub-Transmission Line and 11 kV Distribution Line for Project Construction Power" through Tender No. THL-CP-01-071/72.



Construction power sub-station at Damauli

The construction period is 15 months from the starting date which has been extended for further 6 months. Around 85% of physical works such as control building, compound wall and boundary, electric poling work, gantry tower, cable trench and other activities have been completed. Cable stringing work and suspension tower construction work are being carried out.

Rock Mechanical Test

Preparatory works for rock mechanical testing are being carried out by Soil, Rock and Concrete Laboratory (SRCL) of NEA. Widening work of Test Adit and Core drilling of all drill holes except for 4 inclined holes has been completed. Construction of concrete blocks for Block Shear Test in the powerhouse area is almost complete. Tunnel widening work has been completed.



Block shear test at adit tunnel (AP-2)

Supplementary EIA for Generation Capacity from 127 MW to 140 MW:

THL has signed a contract with Environmental & Social Study Department (ESSD) of NEA for carrying out supplementary EIA. ESSD has conducted preliminary public hearing at project area, Damauli. The final SEIA report has been submitted to Department of Electricity Development (DOED). After the approval of SEIA, process for upgrading generation from installed capacity of 127 MW to 140 MW will be initiated.

SIEE for Proposed New Route Alignment of Transmission Line:

Supplementary IEE of transmission line for new alignment has been commenced since October 2016. Transmission line survey, design and route alignment work have been completed. Total length of the 220 kV double circuit transmission line is 37 km from project take off yard to New Bharatpur Sub-Station. A local consultant has submitted the SIEE report and THL has applied to DOED for the approval of the same. After approval of SIEE, construction license of Damauli - Bharatpur 220 kV transmission line will be issued by Department of Electricity Development (DOED).

License:

- After approval of SEIA, installed capacity of the project will be upgraded to 140 MW from 127 MW.
- A discussion is underway with MOEn for additional generation license for 1.9 MW from environmental flow generation plant.
- The discussion for distribution license for rural electrification of project vicinity area is also underway with MOEn.

Field visit by ADB Official/Tripartite Portfolio Review Meeting

Mr. Wencai Zhang, Vice-Chairman of ADB and Mr. Kenichi Yokoham, Country Director of ADB in Nepal, visited the Project site on 23 February 2017. They were briefed about the current status and progress of the pre-construction activities at the site.

The first Tripartite Portfolio Review Meeting (TPRM) of ADB funded projects was held on 26-27 February 2017 in Kathmandu. The progress achieved by THL in the year 2016 was reviewed whereas the target for contract awards and disbursement schedule was also set for the year 2017 during the meeting.

FUTURE COURSE OF ACTION:

- PSC will commence the Block Shear testing inside the power house as the preparatory works are nearly completed.
- It is expected to get approval of forest clearance work within the Fiscal Year 2016/17 from the DFO.
- It is expected to get approval of SEIA report from Ministry of Energy (MOEn) soon and accordingly the generation license of project will be upgraded from 127 MW to 140 MW.
- Expression of Interest (EOI) for Environmental and Social Management Service Provider (ESMSP) will be published after receiving concurrence from ADB.



Field visit of ADB Vice Chairman with THL and PSC team

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