

# **NUPCHE LIKHU HYDROPOWER PROJECT (57.5 MW)**

**Ramechhap, Nepal**



## **Project Progress Report**

May – July, 2020



***Vision Energy and Power Private Limited***

**New Baneshwor, Kathmandu, Nepal**

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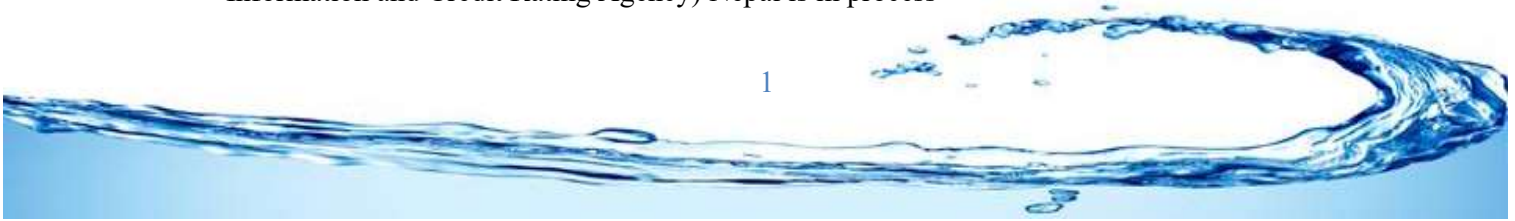
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## Executive Summary

This Progress Report is prepared for providing information about the progress of Nupche Likhu Hydropower Project, Ramechhap (57.5MW). It will contain the information about the project activities and progress of the months of **May to July, 2020**. The major achievements during the period are:

1. All the prerequisites were planned and accomplished accordingly for the site mobilization of the Civil Contractor within mid-April so that construction of the Contractor's Camp(s), Site Office and other preliminary preparations could be started. However, due to the worldwide COVID-19 Pandemic and declaration of lock down by the Government of Nepal, contractor couldn't be mobilized to the site
2. Renewal of Survey License of Transmission Line is in process
3. The license required for the procurement and import of explosives materials for the project has been approved by the Home Ministry of Nepal
4. The recent enactment of Environmental Protection Rule (EPR), 2077 by the Government of Nepal has made certain changes in the environmental study requirements of the project. As per EPR any Transmission Line project with capacity 132 kV or below falling in conservation area/protection area/buffer zone should trigger Initial Environmental Examination (IEE)
5. Term of Reference (ToR) to conduct the study of Initial Environmental Examination (IEE) of the transmission line has been submitted to the Department of Electricity Development (DOED)
6. The application for approval of 'Tree Cutting and use of Government Land' has been submitted to Ministry of Forests and Environment. Final approval from cabinet decision for the same will come into effect soon. This process also has been delayed due to COVID-19, Pandemic
7. Invitation to Bid for the Selection of potential contractors for Electromechanical (EM) work has been completed
8. Bid proposal from bidders for Hydro mechanical (HM) work is in progress
9. Bid Evaluation for Electromechanical Works is in progress
10. Project Implementation plan has been revised
11. The Contractor Award for "Supplying and Construction of Power Distribution Lines and Associated Structures" is in progress
12. Preparatory works for the construction of army's camp facilities and bunker house is in progress
13. Construction of Client's and consultant's Camp facilities is in progress
14. The credit rating for the Nupche Likhu Hydropower Project from ICRA (Investment Information and Credit Rating Agency) Nepal is in process



15. Review of internal documents for ISO (International Standards Organization) 9001:2015 certifications are on process. The ISO team recently visited the project site. Soon the Company will be “ISO Certified Entity” which will indicate that Vision Energy & Power Pvt. Ltd is appropriate and effective in Quality Management System.
16. Some of the major plan for next quarter is discussed in detail report. Please refer to the status of the project below.

**Note: Apparently, due to the national and worldwide lockdown, the project activities (Labor movement, Supply chain of construction materials, government approvals etc) have been affected. Project will find its momentum as soon as the lockdown is over.**



## Contents

### Section A- About the Project

<b>1. Introduction.....</b>	<b>5</b>
1.1 Background.....	5
1.2 About the Project .....	5
1.3 Location & Access: .....	5
1.4 Main Financial Features of the Project.....	5
1.5 Salient Features of the Project .....	6
1.6 Investment Module .....	7
<b>2. Human Resources and Good Governance.....</b>	<b>7</b>
2.1 Organization Chart .....	7
2.2 Good Governance .....	8
<b>3. Project Implementation.....</b>	<b>8</b>
3.1 General.....	8
<b>4. Current Status of the Project.....</b>	<b>10</b>
4.1 Completed Works .....	10
4.2 Ongoing Works of the Project .....	13
4.3 Planning for the next quarter .....	14
Annex – 1: General Layout Map of the Project.....	15
Annex – 2: License for Procurement & Import of Explosives .....	16
Annex – 3: Letter of ToR Submission in DOED.....	17



## **Section A: About the Project**



## 1. Introduction

### 1.1 Background

Vision Energy Power Pvt. Ltd (VEPL) aims to develop Nupche Likhu Hydropower Project (57.5 MW) in Ramechhap District using local technical, managerial and financial capability and is dedicated to supply the power to the National Grid to fulfill domestic energy demand. The project is a run-of-river (RoR) hydropower project.

### 1.2 About the Project

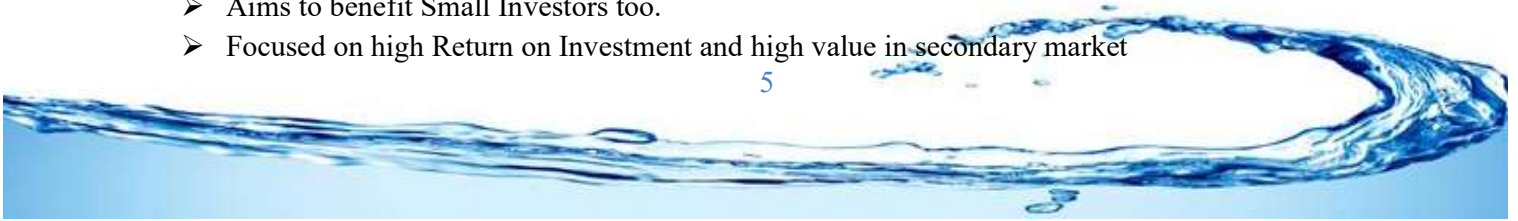
The proposed Nupche Likhu Hydropower Project is located in Gumdel VDC of Ramechhap district of Nepal. The source of water for the project is originated from Nupche and Likhu rivers which are snow fed Rivers starting from the High Mountain/Hilly areas. The proposed intake of the Nupche Likhu Hydropower Project is located north of Lahaksewar village in left bank of Nupche Khola with its weir crest level at an elevation of 3338 m above amsl and the right bank of Likhu Khola with its weir crest level at an elevation of 3338 m above amsl. The powerhouse is located on the right bank of the Likhu Khola with the turbine center line level at 2336 m amsl. The gross head estimate is 1003.5 meter and design discharge is  $7.11 \text{ m}^3/\text{sec}$ .

### 1.3 Location & Access:

The project can be access from Kathmandu through an existing all-weather road up to Manthali (131 km) or 94 km road from Bardibas. After Manthali, following about 125 km partly stone paved earthen road reaches up to Kyama, Gumdel VDC. After Manthali, following about 125 km partly stone paved earthen road reaches up to Kyama, Gumdel VDC. Furthermore, from Kyama an access road has been reached near to Kongematar village, the proposed powerhouse site, Surge Shaft and to Lahaksewar village which is the residential area for the project employees.

### 1.4 Main Financial Features of the Project

- Total project cost of the project: 10,578,458 thousands thousand and total cost per MW = NRs. 183,973 thousands
- Internal Rate of Return (IRR): 17.50 %, Equity Internal Rate of Return (EIRR): 27.57%
- Simple Payback Period: 4.75 Years; Discounted Payback Period: 7.68 years.
- High Energy per MW (6.63 GWh p.a.), Dry Energy 36.61% and Wet Energy 63.29%
- Income Per MW: More than NPR 4 Crore
- The Project has high head. It ensures cost efficiency and high energy.
- Professional, Transparent and Responsible Management.
- Aims to benefit Small Investors too.
- Focused on high Return on Investment and high value in secondary market



### 1.5 Salient Features of the Project

S.N.	Particulars	Remarks
1.	<b><u>General</u></b>	
	Name of the Project	Nupche Likhu Hydropower Project
	Type of the Project	Snow fed Run-off River Hydropower Project
2.	<b><u>Location</u></b>	
	Zone/ Development Region	Janakpur Zone/Central Development Region
	<b>District</b>	Ramechhap
	Project Location	Umakunda Rural Municipality, (Gumdel VDC)
	River	Nupche Khola and Likhu Khola
	<b><u>License Boundary</u></b>	
	Longitude	86°26'30" E - 86°30'30" E
	Latitude	27°40'37" N - 27°43'37" N
3.	<b><u>Hydrology</u></b>	
	Catchment Area at Headworks	150 Km <sup>2</sup> (Nupche 82km <sup>2</sup> &Likhu 68 km <sup>2</sup> )
	Design Discharge (Q 45 %)	3.89 m <sup>3</sup> /s+ 3.22 m <sup>3</sup> /s (Nupche & Likhu) = 7.11m <sup>3</sup> /s
4.	<b><u>Nupche &amp; Likhu- Headworks</u></b>	
	<b>Weir</b>	
	Type	Boulder line weir
	<b>Bed Load Sluicer</b>	
	Type	Bed Load
	<b>Intake</b>	
	Type	Orifice, Side Intake
	<b>Gravel Trap</b>	
	Type	Single, Duffer
	<b>Settling Basin</b>	
	Type	Double Bay Duffer
5.	<b><u>Headrace Pipe</u></b>	
	Headrace Pipe	839 m & 160 m (Likhu & Nupche River)
6.	<b><u>Tunnel Length</u></b>	
	Total Length	6661 m
	Tunnel Size	3.2 m x 3.8m (Excavation Size)
7.	<b><u>Surge Tank</u></b>	
	Type	Underground, Circular
8.	<b><u>Penstock Pipe Length</u></b>	
	Total Steel Penstock Pipe	2481 m
	Steel Lined Vertical shaft	291 m
	Steel Lined Tunnel	580 m
9.	<b><u>Power House</u></b>	
	Type	Surface
	Turbine Type	Pelton
10.	<b><u>Tail-Race Canal</u></b>	
	Type	Box Culvert
11.	<b><u>Power and Energy</u></b>	
	Gross Head	1003.5 m



	Net Head at Full Flow	968.46 m
	Installed Capacity	57.5 MW
	Generated Energy per Annum	139.821 GWh, 36.64% (Dry) and 241.791 GWh, 63.36% (Wet) <b>Total: 381.612 GWh</b>
12.	<b><u>Transmission Line &amp; Grid</u></b>	24 km 132 kV line up to National grid at 132 kV switchyard of Proposed NEA Hub at Garjyang Substation, Ramechhap district.
13.	<b><u>Project Road to HW &amp; PH</u></b>	29.75 km
14.	<b><u>Generator</u></b>	
	Number of units	3
	Synchronous speed	750 rpm
	Runaway speed	1350 rpm
15.	<b><u>Transformer</u></b>	
	Rated Capacity	8 MVA (1-phase)
	Quantity	10 nos. (Including spare)
16.	<b>Approximate Cost of Project</b>	10,578 million NPR (As per DDS report by DDS consultant for bank “Sanima Hydro & Engineering Pvt. Ltd.”)
17.	<b>Approximate Construction Period:</b>	4 Years
18.	<b>Required Commercial Operation Date (RCOD)</b>	2080/05/02 BS 2023/08/19 AD

## 1.6 Investment Module

The investment in Promoters Share has been closed from Ashwin End 2075. However any interested person can apply for the Promoters Share with special approval from the management. In this case maximum & minimum limit of the investment will be same as before. Investment schedule will be as per the management decision.

## 2. Human Resources and Good Governance

### 2.1 Organization Chart

The organization structure of Nupche Likhu Hydropower Project has been prepared considering construction, Operation & Maintenance phases of the Project. The detained organization chart is presented in the official website of the company i.e. [www.veplinfo.com](http://www.veplinfo.com).





## 2.2 Good Governance

Nupche-Likhu Hydropower Project has proposed Performance Based Incentive program for its employee. The key performance area (KPA) and Key performance index (KPI) is developed for whole project period. Based on the developed KPI the performance evaluation mechanism is developed. Further,

- Various manuals such as Finance Manual, Human Recourse Manual, Investment Manual, Corporate Governance Guidelines, Performance Evaluation Guidelines, Employee's Attendance Guidelines, Project Management Guidelines, etc. are in practice.
- Formation of various committees such as High-level coordination sub-committee, Technical Sub-Committee, Forest and Environment Coordination Sub-Committee, Audit Committee, Local Area Co-ordination Sub-Committee and International Co-ordination Sub-Committee.
- Recruitment of highly professional consultants.
- Work plan assigned to each executive level and working level personnel.
- Performance evaluation of each personnel conducted on monthly basis.
- Compliance officer appointed for legal and internal guidelines compliance.
- Regular meeting of Board of Directors and Various Committees.
- Unique investment module and mechanism to select quality investors.
- Integrity, transparency, legal compliance, team work, higher return, responsibility, safe investment, accountability are the core values of the Company.

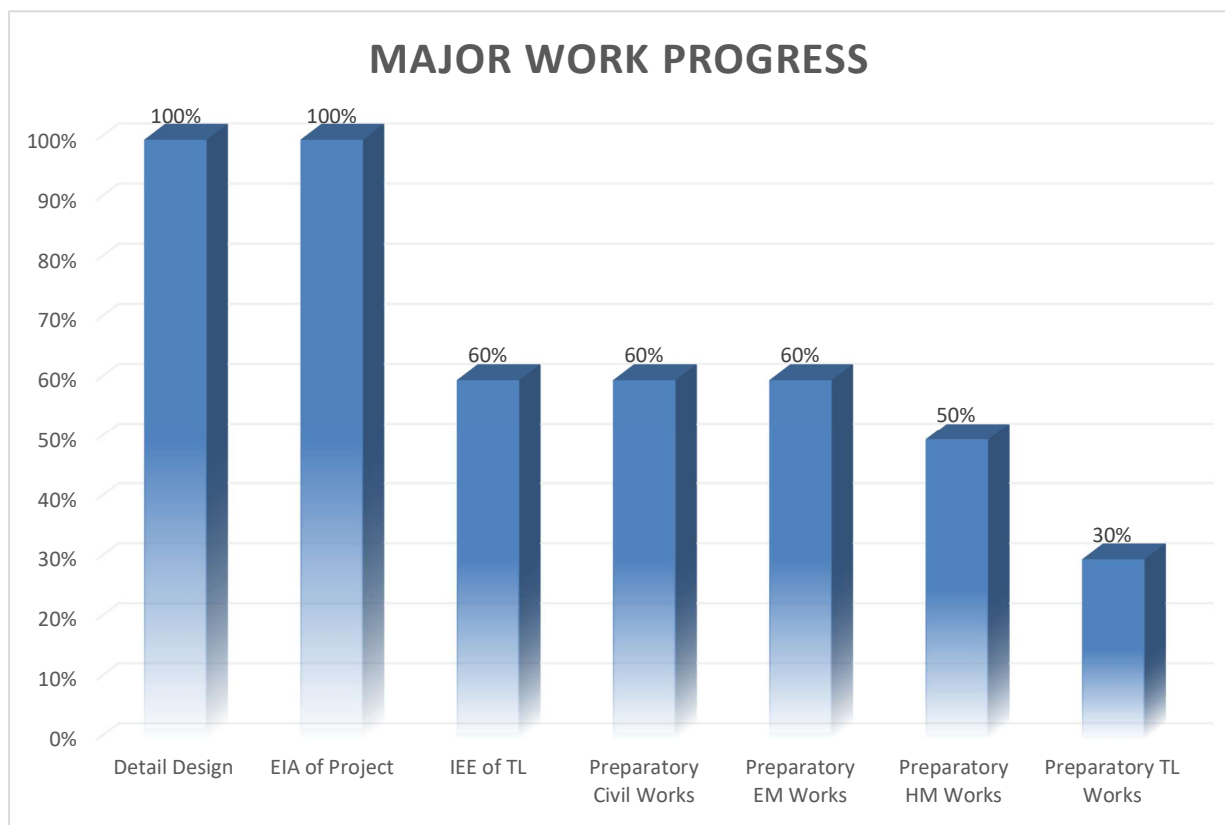
## 3. Project Implementation

### 3.1 General

The company has obtained the Generation Liscence. It has planned to generate electricity within the period of 4 years from the commencement of construction work. Agreement has been signed for the construction of access road. Similarly, construction of Camp Facilities is almost complete. Civil contractors, explosives suppliers and supervision & management consultants has been selected and agreement has already been signed. The company has plan to start the construction of the civil structures soon after the uplift of the lockdown. Detailed implementation plan of the project is presented in in the official website of the company i.e. [www.veplininfo.com](http://www.veplininfo.com).



## Section B: Current Status of the Project



## 4. Current Status of the Project

### 4.1 Completed Works

S.N	Activities	Remarks
1.	Survey License of project	License obtained of 57.5 MW on 2074/06/29(15/10/2017)
2.	Topography Survey of Project	Topography Survey Report Obtained
3.	Quality Measurement of Water	Report of Water Measurement has been obtained
4.	Gauge Station Installation and Discharge measurement	Automatic Gauge Station has been Installed at Project Site. Collection of data from the Gauge Station is going on
5.	Electronic Resistivity Tomography (ERT)	ERT Consultant has Completed ERT Works and has submitted Final Report
6.	Geological and Geotechnical Interpretation Report By MASW, MAM and SRT with ERT	Consultant team has submitted the Final Report
7.	Feasibility Study report of project	Final Feasibility Study Report has been obtained from Consultant and submitted to DOED for approval
8.	Review of Feasibility Study Report of Project by Independent Consultant Team	The Expert team has submitted Final review report after field visit
9.	Approval from Ministry of Forest.	Approval for Survey Work Obtained.
10.	Desk Study Report of Transmission line	The consultant team has submitted Final Desk Study Report
11.	Survey license of Transmission line	License obtained for transmission line on 2074/12/15 (29/3/2018)
12.	Transmission Line Survey	Transmission Line Survey license obtained from DOED. Consultant has submitted the final report of survey
13.	Grid Agreement	Connection Agreement has been entered with NEA to evacuate the power at Garjyang Sub-station. (Estimated distance 30 KM)
14.	PPA	PPA has been done with Nepal Electricity Authority (NEA) on 2074/11/28 (12/03/2018)
15.	Road Survey	The consultant has completed the survey work
16.	Feasibility Study report of Transmission line	Consultant team has submitted the Final Feasibility Study Report
17.	Environment Impact Assessment (EIA) study of Transmission line.	Scoping notice has been published on daily newspaper and process of collection of muchulka is completed
18.	Access road from Umathirtha Mandir to Lahschewar Village (6.344 km) Location: Power house to Camp Area	Excavation for road construction has been completed up to 6.341 km
19.	Access road from Lahaksewar to Surge Shaft (8.5 km)	Excavation has been completed up to 3.5 km out of 8.5 km
20.	Up-gradation of local road from	Local road has been upgraded (Approx. 5km)

	Gumdel to Kyama	
21.	Land Acquisition for Project	97% of Land acquisition required for the project has been completed
22.	Due Diligence Study	The Consultant has submitted the final DDS report.
23.	Manual & Policies	Approved by BOD.
24.	Annual General Meeting	3 <sup>rd</sup> Annual General has been completed successfully.
25.	Tender Documents	Review of EM, HM and TL Tender documents has been completed
26.	Financial Closure	Financial Closure has been completed under the lead of <b>Machhapuchhre Bank Ltd</b> with the Co-Lead of <b>Himalayan Bank Ltd</b> and the following members: I. Citizens Bank International Ltd. II. NCC Bank Ltd. III. Kumari Bank Ltd. IV. Agriculture Development Bank Ltd. V. Rastriya Banijya Bank Ltd. VI. Bank of Kathmandu Ltd. VII. Kamana Sewa Bikash Bank Ltd.
27.	Good Governance Guidelines	Has been completed and implemented
28.	Project Management Guideline	Project Management Guideline has been completed
29.	Renew of Survey License	Has been Renewed.
30.	HIDCL Equity Investment	Hydroelectricity Investment and Development Company (HIDCL) has approved to invest in Vision Energy and Power Pvt. Ltd (VEPL)
31.	Environmental Impact Assessment (EIA) study of Project	The Final EIA Report has been approved from Ministry of Forest and Environment
32.	Review of Detailed Engineering Design	Review of detail design has been completed
33.	Detailed Engineering Design of the Project	Detailed Engineering Design of the project has been completed
34.	Detail Engineering Design of Transmission Line	Detailed Engineering Design of Transmission Line has been completed
35.	Geotechnical Investigation of the Project	The investigation has been completed
36.	Contract Execution Organogram	The company has finalized a contract execution organogram for both the contractor and the consultant.
37.	Generation License	The project has acquired a license for Power Generation on 12/10/2076
38.	Overall Project Access Road	Design Optimization of access road has been completed.
39.	Office Building & Camp Facilities	Four blocks out of six has been completed i.e. a) Residential Block -3 b) Office Block
40.	Furniture's for Camp facilities	The contract has been awarded for the supply and installation of furniture

41.	Electrification of Camp Facilities	The contract has been awarded for the Electrification of Camp and completed works for four blocks
42.	Detail Design of Drinking Water Supply for Camp Facilities	The detail design of drinking water supply has been completed
43.	Design and cost estimation of Retaining Structures for Camp	The design and cost estimation of the retaining structures has been completed
44.	Construction Power Transmission and Distribution Line	Consultant design for construction power Construction and distribution line has been completed
45.	Approval of Feasibility Study Report	The feasibility study report has been approved by MOEWRI
46.	Preparation of Bidding Documents	Preparation of Tender documents of EM, HM and TL has been completed
47.	Selection of Contractor for Civil works of the Project	The Selection of Contractor for “Construction of Civil Works” has been finalized.
48.	Selection of Consultant for Construction Supervision and Management	The Consultant for “Construction Supervision and Management” has been finalized
49.	Selection of Contractor for supplying and construction Power Distribution Lines and Associated Structures	The Contractor for “Supplying and Construction of Power Distribution Lines and Associated Structures” has been identified
50.	Contract Document for Construction Power Line	Completed
51.	Electromechanical Works	Invitation to Tender has been completed
52.	Hydromechanical Works	Invitation to Tender has been completed
53.	Initial Environmental Examination (IEE) study of Transmission line	ToR to conduct IEE study has been submitted to DOED
54.	Explosives and Blasting	License required for the procurement and import of explosives has been approved
55.	Revised Project Implementation Plan,2077/78	Completed



## 4.2 Ongoing Works of the Project

SN	Activities	Status
1.	Approval of Tree cutting and use of Government Land	The application for approval of 'Tree Cutting and use of Government Land' has been submitted to Ministry of Forests and Environment. Final approval from cabinet decision for the same will come into effect soon
2.	Initial Environmental Examination (IEE) study of Transmission line	ToR to conduct IEE has been submitted to DOED and Virtual presentation with DOED for approval of ToR was conducted on 22 <sup>nd</sup> Aug 2020 and incorporation of comments is in progress
3.	Survey License of Transmission Line	Renewal of survey license for Transmission Line is in progress
4.	Explosives and Blasting	License required for the procurement and import of explosives has been approved and preparatory works for the construction of army's camp facilities and bunker house is in progress
5.	Contractor for supplying and construction Power distribution lines and associated structures	The contractor will soon be awarded and the construction works will initiate from Ashwin,2077
6.	Electromechanical Works	Bid Evaluation for Electromechanical works is in progress
7.	Hydromechanical Works	Bid Proposal from the bidders is in progress
8.	Transmission Line Works	Identification of potential contractors is in progress
9.	Land Acquisition for the Project	Acquisition of remaining Land required for the project is in progress
10.	Land Acquisition for Transmission Line	Identification of land for acquisition is in progress
11.	Camp House	The construction of camp house shall be completed at the end of Kartik,2077
12.	Furniture's for Camp facilities	Supply and installation of furniture shall be completed at the end of Kartik,2077
13.	Drinking Water Supply	The construction of the drinking water shall be completed at the end of Ashwin,2077
14.	Retaining structures and fencing of camp boundary	The construction of the retaining structures and fencing of camp boundary shall be completed at the end of Kartik,2077
15.	Communication Tower	The erection of communication tower of NTA (Nepal Telecommunication Authority) is in progress
16.	Real Time Rainfall and Water Level Data	Automatic Gauge Station has been Installed at Project Site and the rainfall, water level can be acquired 24×7
17.	Project Credit Rating	The discussion with ICRA (Investment Information and Credit Rating Agency) Nepal is in progress
18.	ISO 9001:2015 Certification	Review of internal documents for ISO (International Standards Organization) 9001:2015 certifications are on process. The ISO team recently visited the project site. Soon the Company will be "ISO Certified Entity" which



		will indicate that Vision Energy & Power Pvt. Ltd is appropriate and effective in Quality Management System.
19.	Human Resources (HR) Audit	Human Resources audit has been completed

### 4.3 Planning for the next quarter

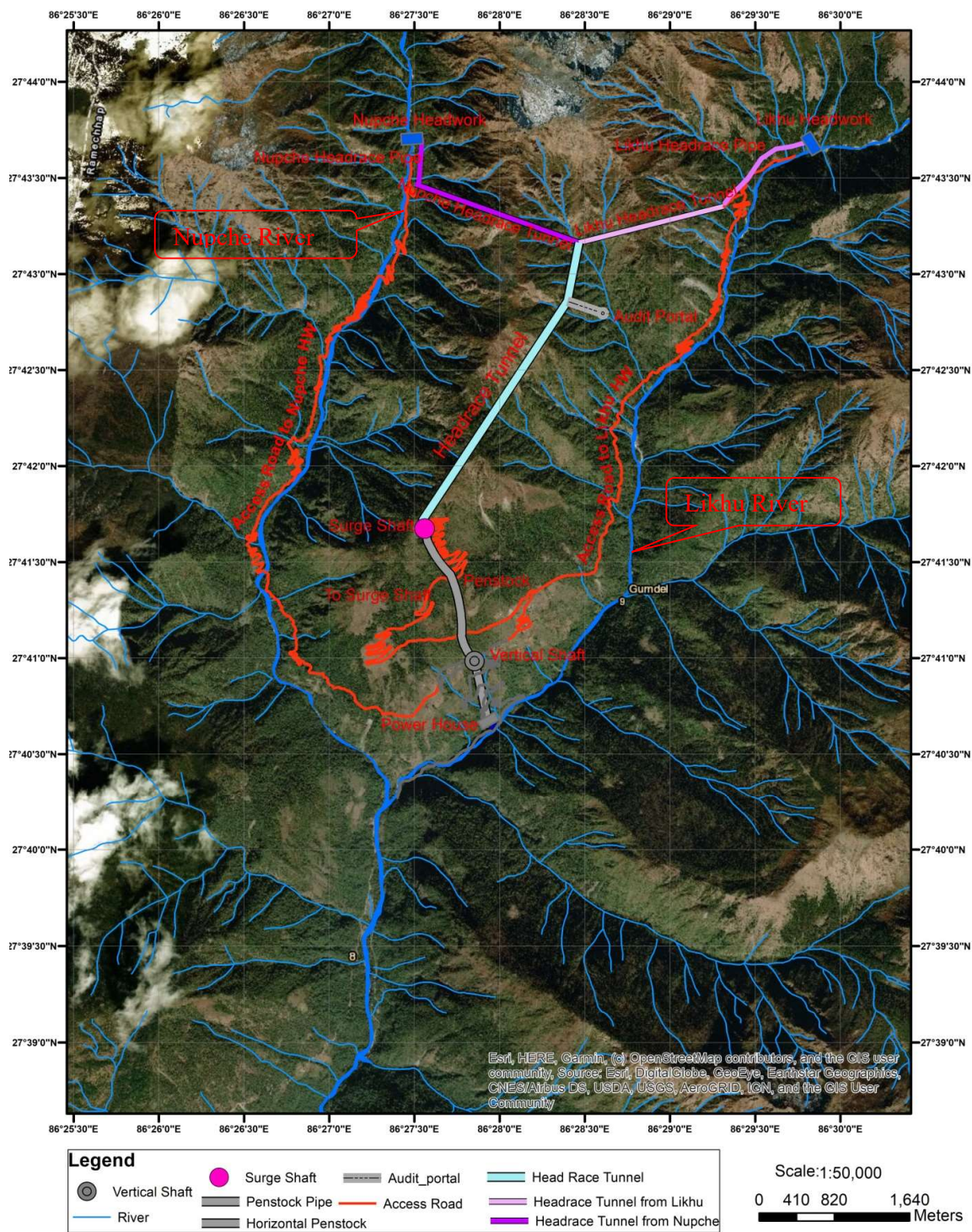
- Extension of RCOD
- Getting approval from Cabinet for tree cutting and use of government land for the Project and agreement with respective government organizations for tree cutting
- Tree cutting and start construction of remaining access Roads towards Nupche-Likhu Headworks and Surge Shaft
- Selection of EM and HM Suppliers.
- Getting approval for IEE Study of Transmission Line and Conduct IEE Study
- Completion of construction Power distribution lines
- Construction of explosives bunker house and camp facilities for army
- Mobilization of the Contractor (for Civil Works) to the Project Site
- Mobilization of Construction Supervision and Construction Management Consultant to the Site.
- Completion of construction of the Camp facilities
- Start preparatory works for the construction of underground works of the project





## Annex – 1: General Layout Map of the Project

## Nupche Likhu Hydropower Project (57.5 MW) Ramechhap





## Annex – 2: License for Procurement &amp; Import of Explosives



पत्र संख्या:- ०७७/७८  
प्राप्त पत्र संख्या र मिति:-  
च.नं.:- ८९

फोन नं. ०१-४२११२२२  
०१-४२११२८४  
फ्याक्स ०१-४२११२८३  
ई-मेल: [drug@moha.gov.np](mailto:drug@moha.gov.np)  
Website: [www.drugportal.gov.np](http://www.drugportal.gov.np)  
सिंहदरबार,  
काठमाडौं, नेपाल।  
मिति:- २०७७/०४/२९

विषय :- विष्फोटक पदार्थ खरीद स्वीकृति सम्बन्धमा ।

श्री रक्षा मन्त्रालय,  
सिंहदरबार, काठमाडौं ।

प्रस्तुत विषयमा रामेछाप जिल्ला स्थित भिजन इनर्जी एण्ड पावर प्रा.लि.द्वारा निर्माणाधीन ५७.५ मे.वा. क्षमताको नुप्चे लिखु जलविद्युत आयोजनाको विभिन्न भूमिगत संरचनाहरू निर्माणको लागि आवश्यक पर्ने तपसिलमा उल्लेखित विष्फोटक पदार्थ उपभोक्ताद्वारा कम्पनी श्री एकिकृत व्यापार कम्पनी प्रा.ली.को नाममा नेपाली सेनाबाट खरिद गरी ल्याउने स्वीकृतिका लागि जिल्ला प्रशासन कार्यालय, रामेछापको च.नं. २९७४ मिति २०७६/११/०२ र ऊर्जा, जलस्रोत तथा सिंचाइ मन्त्रालयको च.नं. ३० मिति २०७७/०४/०७ को सिफारिस पत्र र तहाँ मन्त्रालयको च.नं. २५ मिति २०७७/०४/२५ को सहमति बमोजिम हुनेगरी देहायका शर्तहरू अनिवार्य रूपमा पालना गर्ने गरी तोकिएको काममा मात्र प्रयोग गर्ने/गराउने गरी तपसिलका विष्फोटक पदार्थहरू उपलब्ध गराउन मिति २०७७/०४/२८ को निर्णयानुसार अनुरोध छ ।

विष्फोटक पदार्थको विवरण:

सि.नं.	विष्फोटक पदार्थको नाम	खरिद गरिने परिमाण	खरिद गरिने स्थान
१.	Emulsion Explosive (32 mm dia)	154 Ton	नेपाली सेना
२.	Fuse Wire/Detonating Cord	90,000 Mtr	
३.	Electric Detonator	64,350 Pcs	

पालना गर्नु पर्ने शर्तहरू:

- स्वीकृत परिमाणका विष्फोटक पदार्थहरू नेपाली सेनाबाट खरिद हुने ।
- आयोजनाको निर्माण स्थल नेपाली सेना तैनाथ इलाकाबाट करिब १४९ कि.मि. दुरीमा रहेको र बाटोको अवस्था तथा लामो दुरीको कारण विष्फोटक पदार्थ प्रयोगको دوران अनुगमन र सुरक्षा व्यवस्थाको लागि दैनिक आवतजावत गर्न कठिनाई हुने हुँदा विष्फोटक पदार्थ भण्डारणको लागि आयोजनास्थलमा परिशिष्ट "क" मा उल्लिखित मापदण्ड बमोजिमको बंकर घर र तैनाथ हुने फौजको लागि आवश्यक भौतिक पूर्वाधारहरू निर्माण गर्नुपर्ने ।
- दरनाम ईलाकामा मापदण्ड बमोजिमको बंकर घर र तैनाथ हुने फौजको लागि भौतिक पूर्वाधारहरू निर्माण भएपछात विष्फोटक पदार्थ ढुवानी, प्रयोगको अनुगमन तथा सुरक्षा प्रदान गर्न पश्चिम पृतना अन्तर्गतबाट १X से.सु. नफ्रिको फौज खटाउन सकिने र विष्फोटक पदार्थको ढुवानी, भण्डारण सुरक्षा र प्रयोगको अनुगमन सम्बन्धमा सम्बन्धित आयोजना तथा नेपाली सेना बीच विस्तृत रूपमा द्विपक्षीय सम्झौता (MoU) गरी कार्यान्वयन गर्ने/गराउने व्यवस्था मिलाउने ।
- विष्फोटक पदार्थ प्रयोग गर्दा गाउँ, इलाका, मानव वस्ती, पशुपन्छी, वन्यजन्तु, वातावरण विकास निर्माणका पूर्वाधार, पानी पधेरो सन्धीसर्पन लगायत सार्वजनिक महत्वका वस्तुहरूलाई कुनै किसिमको प्रतिकूल असर, प्रभाव नपर्ने गरी स्थानीय प्रशासन, सुरक्षा निकाय र प्राविधिक कर्मचारीहरूको रोहबरमा गर्नु पर्ने ।
- खपतको विवरण शीघ्रतिशोघ्न स्थानीय प्रशासन कार्यालय र यस मन्त्रालयमा पेश गर्ने ।
- थप विष्फोटक पदार्थ माग गर्दा पूर्व स्वीकृतिबाट प्राप्त खर्च तथा मौज्जातको प्रमाणित विवरण भरी पेश गर्नु पर्ने ।

बोधार्थ:

श्री ऊर्जा, जलस्रोत तथा सिंचाइ मन्त्रालय, सिंहदरबार ।

श्री नेपाली सेना, बलाधिकृत विभाग (व्य.यु), व्यवस्था तथा नीति निर्देशनालय, जङ्गी अड्डा, भद्रकाली ।


श्री जिल्ला प्रशासन कार्यालय, रामेछाप ।

✓ श्री नुप्चे लिखु जलविद्युत आयोजना, रामेछाप :- तोकिएका शर्तहरू अनिवार्य रूपमा पालना गरी विष्फोटक पदार्थ प्रयोग गर्ने व्यवस्था मिलाउनु हुन ।

(किरणचन्द्र सुवेदी)  
शाखा अधिकृत

**Annex – 3: Letter of ToR Submission in DOED**

Regd. No.: 151997/073/074  
PAN No.: 604286558



## Vision Energy & Power Pvt. Ltd.

Nupche Likhu Hydropower Project (57.5 MW), Ramechhap  
Kathmandu, Nepal

Ref: 1-मन/७८

July 23, 2020

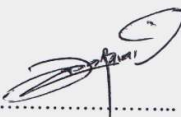

To,  
The Department of Electricity Development  
Sanogaucharan, Kathmandu

**Sub:** Submission of Terms of Reference (ToR) for Initial Environmental Examination (IEE)

Dear Sir,

We are pleased to submit the **Term of Reference (ToR)** for Initial Environmental Examination (IEE) of **Transmission Line of Nupche Likhu Hydropower Project (57.5 MW, Ramechhap)**. Your kind co-operation to facilitate the works is highly appreciated.

Yours faithfully,

Tek Nath Acharya  
Chairman

Included: Scoping document and ToR for EIA of Nupche Likhu Hydropower Project (57.5 MW, Ramechhap). – Seven Hard Copy each and Electronic Copy.

विद्युत विकास विभाग

संतां नं. ३३९

मिति. ०६/०८/०८

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