

Monthly Progress Report
of
Amadablam Mini Hydro Subproject (911 kW),
Khumbu Pasanglhamu Rural Municipality, Ward No. 4.
Solukhumbu, Nepal

Submitted To:-

Alternative Energy Promotion Centre (AEPC)

Mini Grid Energy Access Project (MGEAP)

Central Renewable Energy Fund (CREF)

Siddhartha Bank Limited (SBL)

Submitted By:

Aamadablam Mini Hydro Limited

Chandol-4, Kathamndu

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June, 2025



Signature

Monthly Progress Report of June 2025

1. Executive Summary

1.1 Brief Overview of the Project

Amadablam Mini Hydro Pvt. Ltd, Tilganga - 8, Kathmandu, an Energy Sector Company (ESCO) intends to implement Amadablam Mini Hydro Subproject in Khumbu PasangLhamu Rural Municipality-4, Solukhumbu district in Koshi Province, as a business /PPP model through technical and discussion in financial support of Government of Nepal and the World Bank through AEPC/MGEAP. The sub-project is located in Sagarmatha National Park which lies on the trekking trail of Everest Base Camp which is one of the most popular tourist areas of Nepal. ESCO intended to provide electricity to households and other energy users such as Anchors/Business and Community. ESCO will be responsible for development, operation, maintenance and management of the mini hydro plant. They will be functioning as a service provider and owner of the subproject.

Amadablam Mini Hydro Pvt. was changed to a public limited in 10th October 2023. This was done to facilitate the process of PPP model with Khumbu Pasanglhamu Rural Municipality. At present there are seven number of shareholders in the company, which also includes Beyul Hydro investment Pvt. Ltd. Office location has been recently changed to Chandol, Kathmandu.

The subproject is to be implemented as a business model through the technical and financial support of the Government of Nepal and the World Bank through AEPC/MGEAP. Furthermore the subproject is supported by Foreign, Commonwealth and Development Office (FCDO) through AEPC/NREP.

Amadablam Mini Hydro Project is a run of the river type (RoR) scheme located in ward no-4 of Khumbu Pasanglhamu Rural Municipality of Solukhumbu district. The project is located inside the core region of Sagarmatha National Park. The project utilizes water diverted from Cholunche Khola to generate 911 kW power. The design flow of the project is 250 lps and gross head is 471.87 m. Cholunche Khola is a perennial river which flows from the Himalaya peak on the Northern side of Solukhumbu district and is a tributary of the Imja River. The project site is located near Pangboche village of Solukhumbu district. The boundary coordinates of the project lies between latitude 27° 50' 50" N and 27° 51' 40" N and longitude 86° 47' 49" E and 86° 49' 19" E. The proposed intake site is located at 27°50'56.52"N, 86°49'6.15"E and an elevation of 4422 amsl. The powerhouse site is located at 27° 51



'12.98"N, 86° 47' 49.21"E and an elevation of 3951.18 amsl. The project will be serving 451 households.

Project Financials:

S.N.	Source of Fund	Amount (NRs.)
1	AEPC	
1.1	Subsidy (MGEAP)	128,307,000.00
1.2	VGF Support (SECF)	170,050,000.00
2	Loan from Partner Bank (Siddhartha Bank)	150,000,000.00
3	Equity of ESCO	90,544,638.89
4	Investment of RM	80,000,000.00
	Total Subproject Cost (1+2+3+4)	618,901,638.89

1.2 Summary of key accomplishments to date

1.2.1 Agreements between Stakeholders

ESCO and RM:

First agreement : 1st January 2024

First Amendment : 12th February 2025

Second Amendment : 15th April 2025

AEPC and ESCO : 29th March 2024

ESCO and Partner Bank:



Syndicated Credit Facilities Agreement : 7th January 2024

Supplementary Credit Facilities Agreement : 22th April 2025

1.2.2 Procurement

So far, AMHL has completed the procurement works through Public Procurement Act (PPA)/ Public Procurement Regulation (PPR) and Best Commercial Practice for purchase of goods and services. The contractors of Civil, HM, EM and T&D have carried on their respective works and the extension of the contract with the Civil Contractor and the HM contractor has been completed and extended to December 2025 so far.

1.3 Key Challenges Encountered and Solutions Implemented

Though the civil work has been going on, the progress has not been satisfactory. AMHL has strongly addressed the contractor about the deadline for completion of the civil work by the end of December 2025. The joint meeting between AMHL and contractor on 30th June 2025 has made a concrete plan to speed up the work and attain a target within the stipulated time frame.

About the transmission cables, the contractor has proposed to replace the cable as per BOQ with specification of 11kV 35 sq. mm 3 core PVC insulated armored aluminum cable with XLPE insulated armored cable. The change will result in escalation of the cost of the product and hit the transportation cost by the comprehensive rate. AMHL has been reviewing the report and has been consulting with the experts and planning to address soon.

2. Work Progress Overview

2.1 Activities

2.1.1 Human Resource Management

The Human Resources Department at Amadablam Mini Hydro Limited is pleased to announce the successful onboarding and appointment of all company personnel as of June 16, 2025. This milestone marks the commencement of full operational readiness for the organization. As part of our ongoing processes, we will review daily attendance records and timesheets before final submission by the end of the Nepali calendar month.



The Human Resources details are shown below.

S.N.	Designation	Name	Phone Number	Email	Remarks
1	Project Manager/TL	Surendra Maharjan	9802378274	surendra.smsm@gmail.com	Project
2	Chief Finance Officer	Yuvraj Basnet	9802378273	amadablamfinance@gmail.com	Project
3	Civil Engineer	Rajeeb Maharjan	9707082539	mjn.raziv@gmail.com	Project
4	Mechanical Engineer	Rukesh Maharjan	9802378271	rukesh012@gmail.com	Project
5	Electrical Engineer	Tseten Jangbu Sherpa	9802378272	sangposherpa523@gmail.com	Project
6	Environment Officer	Kalpana Dangol	9707082537	dangol.kalpana33@gmail.com	Project
7	Admin/HR Coordinator	Srijana Sunuwar	9802378275	amadablamhr@gmail.com	Company

2.1.2 Meetings and Events

During this month, the following key activities were carried out:

Orientation Program

On June 23, 2025, a meeting was held at the Amadablam Mini Hydro Limited (AMHL) Hall in Chandol, Kathmandu, as part of the Orientation Program for new members of AMHL. The meeting was attended by all relevant stakeholders, including representatives from AEPC/MGEAP, CREF, NREP, and the Board of Directors (BoD) of AMHL.

Key objectives of the meeting included:



- Introducing the purpose and scope of the subproject
- Familiarizing participants with their roles, responsibilities, and expected deliverables
- Ensuring awareness of environmental, social, and technical considerations
- Discussing coordination, reporting structures, and grievance redress mechanisms

Monthly Staff Meeting

Regular monthly staff meeting has been conducted on 22nd June 2025, Sunday at Amadablam Mini Hydro Limited including the representatives from the board of AMHL and discussion about quarterly and monthly progress report, responsibility of all individual teams, mobilization plan at site and how to manage quality, quantity, safety and environmental issues at site.

Meeting with Civil Contractor, CRC Nepal – D.L. Structure & Builders JV

On June 30th, 2025, a meeting was held at Amadablam Mini Hydro Limited (AMHL) in Chandol, Kathmandu, with the AMHL team and the Civil Contractor to review the site work progress and discuss the mobilization of site engineers. The meeting covered the planning and allocation of resources, including manpower, materials, and equipment, with a focus on ensuring that all necessary resources were in place to meet project deadlines. A Catch-Up Plan was developed to address any delays, with specific adjustments made to timelines, workforce distribution, and equipment deployment to accelerate progress. The contractor was tasked with submitting a revised schedule and work plan within the next week to align with the revised timeline. Additionally, the contractor was instructed to send concrete casting samples to a Kathmandu laboratory for quality testing to ensure compliance with project standards. The meeting concluded with a commitment from both teams to closely monitor the implementation of the action points and ensure that the project stays on track for timely completion.

2.2 Summary of Completed and Ongoing Tasks

2.2.1 Civil Works

Civil contractors have started construction activities at headwork of the subproject and transportation and collection of different construction materials such as reinforcement, cement, plywood for formwork, gabion boxes, and stones, aggregate and sand are ongoing.



Following activities have been carried out during this month:

1. Intake and Gravel trap:

Excavation work for the intake and gravel trap has been successfully completed. Soling work has commenced and is currently in progress. Upon completion of the soling, the contractor plans to immediately proceed with the Plain Cement Concrete (PCC) works. These activities are being carried out in sequence to ensure proper preparation and stabilization of the foundation prior to structural construction.

Storage and collection of stone, sand, and aggregate are currently ongoing in preparation for the next phases of work. The contractor is also arranging for the concrete mix to be delivered directly to the site to ensure faster and more efficient workflow for the workers.

2. Headrace pipe:

Following coordination with the hydro-mechanical contractor, Maa Shakti Engineering and Hydropower Pvt. Ltd., and in consultation with the civil contractor, CRC Nepal – D.L. Structure & Builders JV, regarding the completion of excavation works at the intake and desanding basin, it has been emphasized that the timely supply of the headrace pipe is critical. Early delivery is essential to prevent delays in the subsequent construction activities at the intake and desanding basin.

3. Desanding Basin cum Forebay:

Excavation work for the desanding basin has been successfully completed. Soling work has commenced and is currently in progress. Upon completion of the soling, the contractor plans to immediately proceed with the Plain Cement Concrete (PCC) works. These activities are being carried out in sequence to ensure proper preparation and stabilization of the foundation prior to structural construction.

4. Penstock Alignment:

The civil contractor, in coordination with the hydro-mechanical contractor, is planning a joint site visit in early July to finalize the alignment for the penstock pipe. This alignment is critical to ensure accuracy and coordination between civil and hydro-mechanical works. Following this visit, the civil contractor will commence trench



excavation along the designated penstock route, enabling timely installation and maintaining progress in line with the overall project schedule.

The hydro-mechanical contractor, Maa Shakti Engineering and Hydropower Pvt. Ltd., is currently in coordination with helicopter service providers to finalize a transport agreement for the airlifting of penstock pipes. Given the challenging site access and the urgency of the project timeline, the contractor is actively working to mobilize the necessary logistics. The penstock pipes are planned to be airlifted at the earliest possible opportunity, ensuring timely delivery to the site and minimizing any potential delays in the installation schedule.

5. Powerhouse:

The electro-mechanical contractor has submitted the CAD drawings of the powerhouse floor layout, along with other essential technical drawings, to the ESCO. With these design documents now available, the civil contractor is in a position to proceed with the earthwork and cement works for the powerhouse structure. This marks a significant step forward in aligning the civil and electro-mechanical components of the project and will facilitate the timely commencement of construction activities at the powerhouse site.

6. Gabion protection Work:

Gabion protection work has been carried out at both the intake and forebay areas as a preventive measure to mitigate potential erosion and structural damage. A total of three layers of gabion wall, extending 24 meters in length, have been constructed. This protective structure enhances slope stability and safeguards critical hydraulic structures against water-induced damage.

2.2.2 Hydro-Mechanical

The hydro-mechanical contractor, Maa Shakti Engineering and Hydropower Pvt. Ltd., is currently coordinating with helicopter service providers to finalize a transport agreement for the airlifting of the penstock pipes. Due to challenging site access and the tight project schedule, the contractor is actively mobilizing the necessary logistics to ensure that the penstock pipes are



airlifted at the earliest possible opportunity. This approach aims to guarantee timely delivery to the site and minimize any potential delays in the installation phase.

With excavation works at the intake and desanding basin now completed and soling works progressing, the contractor has commenced manufacturing the headrace pipes at their factory. The pipes will be transported to the site in a timely manner to avoid impacting ongoing civil works. Additionally, fabrication of the remaining 19 expansion joints has started. To date, 40 expansion joints have been completed, including 2 recently finished units, leaving 17 still in progress.

The contractor has also submitted the first running bill, which is currently under review at AEPC. This expedited processing is critical to supporting the project's progress and facilitating the transportation of penstock pipes and other essential hydro-mechanical materials.

2.2.3 Electro-Mechanical Works

The electro-mechanical contractor has provided the CAD drawings for the powerhouse floor layout, along with other critical technical documents, to ESCO. With these design materials now in hand, the civil contractor is prepared to begin the earthworks and concrete works for the powerhouse structure. This development represents an important milestone in coordinating the civil and electro-mechanical efforts, enabling construction activities at the powerhouse to proceed on schedule.

A coordination meeting was held on 26th June 2025 at the Alternative Energy Promotion Centre (AEPC), attended by Mr. Manish Prasad Acharya, the Nepal representative of the electro-mechanical contractor, along with ESCO team members and stakeholders. The meeting focused on discussing essential project details and timelines to ensure smooth collaboration and adherence to the project schedule. Additionally, ESCO has initiated the process of opening an irrevocable, confirmed Letter of Credit (LC) in favor of the electromechanical contractor, Poseidon SA, Greece, through its partner bank, Siddhartha Bank Limited, Hattisar, Kathmandu. The LC arrangement is currently in progress. In this regard, ESCO has formally requested AEPC's approval for the LC confirmation charges and has submitted a request for the payment of these charges to facilitate the timely opening of the Letter of Credit.

At the same time, the company is actively coordinating with the supplier to facilitate the release of the first advance payment. The supplier has also committed to delivering the final technical drawings within the agreed contractual timeline for the equipment.



2.2.4 Transmission & Distribution Line Works

Advance Payment and Procurement

Amadablam Mini Hydro Ltd. (AMHL) has completed the first advance payment of NPR 8,798,208.00 to the Transmission & Distribution (T&D) Contractor, Koju Engineering & Builders Ltd on 8th of June 2025. Following this payment, AMHL has approved the procurement of low-tension (LT) cables and transformers of various sizes after technical evaluation. With this approval, the contractor has initiated the procurement process for the LT cables and transformers. However, the procurement of the 11 kV, PVC-insulated, 35 sq-mm 3-core aluminum conductor high-tension (HT) cable has been temporarily put on hold due to technical and design-related concerns. As a result, the approval of the HT cable has not been granted, and the contractor has requested a price adjustment to reflect the changes.

Koju Engineering & Builders, AEPC & our technical team has scheduled a factory visit to Nepal Transformer & Allied Engineering Pvt. Ltd. on June 29, 2025, for preliminary inspection of the distribution transformer as part of our standard procurement process.

Meeting with T&D Contractor – HT Cable and Transformer Discussion

A meeting was held with the T&D contractor on 24th June 2025 at the office of Amadablam Mini Hydro Ltd. to discuss the HT cable issue. During the discussion, the contractor presented several alternative cable options. These options are currently under detailed review by our technical team, including a thorough evaluation of their technical suitability and financial viability. A final decision regarding the cable selection is expected by the first week of July 2025, subject to prior approval from AEPC. Additionally, the meeting covered preparations for the upcoming factory visit for the preliminary inspection of the Distribution Transformer

Factory Visit Summary – Distribution Transformers

A factory visit was conducted on June 29, 2025, at Nepal Transformer and Allied Engineering Pvt. Ltd., located at Bhaktapur Industrial Estate, Bhaktapur. The visit was attended by AEPC representative Mr. Keshav Pradhanang, contractor representatives, AMHL representative, and AMHL Board member Mr. Phuthundu Sherpa.

The visit included a factory tour, an introduction by the manufacturer, and a visual inspection of build quality, materials, and workmanship. Transformers of 150 kVA, 100 kVA, and 50 kVA were in the final stages of completion and found to be in good condition, while the 125 kVA and 65 kVA units are currently under production. Upon completion, all transformers will be



sent to NEA for mandatory standard testing procedures, including ratio test, megger test, load current measurement, loss measurement, and efficiency testing.

The visit confirmed that the T&D components of the project are progressing at a good pace and remain on schedule. The factory visit photograph is attached in ANNEX 3 below.

2.2.5 Environment & Social Safeguard

This section provides an update on the progress of environmental and social safeguards implemented at the project site. Environmental, health, and safety (EHS) rules are being followed at all ESCO construction sites. Workers have been given personal protective equipment (PPE) and life insurance to keep them safe and protected. First aid boxes are maintained on-site with clear guidelines for proper medicine storage. The installation of barricades and signage is currently in progress, supported by the preparation of all necessary documentation and ongoing printing activities. Labor camps have been established, and contractors have been instructed to improve housekeeping and waste management practices to maintain a safe and clean working environment. The Occupational Health and Safety (OHS) checklist and supporting photographs are attached in Annex I and Annex II, respectively.

Key Activities for This Month

- **Review of Environmental Reports**

Reviewed the Environmental Impact Assessment (EIA) and Environmental and Social Impact Assessment (ESIA) reports to ensure that site activities are carried out in full compliance with the Environmental and Social Management Plan (ESMP).

- **Orientation Program**

Conducted an orientation program in collaboration with the Alternative Energy Promotion Centre (AEPCC) focusing on health, safety, and environmental (HSE) awareness.

- **Follow-up on Land-Related Documents**

Coordinated with the Department of National Parks and Wildlife Conservation (DNPWC) regarding AMHL land-related documentation. Documents are currently in the process of being forwarded to the Ministry of Forests and Environment (MOFE) for further action.

- **Finalization of Code of Conduct**



Developed and finalized the code of conduct for ESCO staff, field workers/laborers, contractors, and external visitors. The code clearly outlines expected behaviors and prohibited actions to maintain safety and discipline in the field.

- **Coordination with Contractor Representatives**

Coordinated with contractor representatives to ensure compliance with Occupational Health and Safety (OHS) standards at the construction sites. Provided detailed information regarding the content to be displayed on the project information boards and signage at project site to ensure clear communication of safety protocols and project details.

- **Stakeholder Discussions on Occupational Health and Safety (OHS)**

Conducted discussions with stakeholders to identify and implement effective measures for ensuring proper safety at the construction sites.

3. Financial Progress Update – June 2025

This section provides an update on the project’s financial progress as of June 2025. It incorporates the financial status reported at the end of April as the baseline and outlines subsequent developments across AEPC subsidy disbursement, loan facilities, equity contributions, procurement financing, and bank guarantee management. These financial measures are instrumental in maintaining momentum across all major project components—civil, hydro-mechanical, and electro-mechanical.

3.1 AEPC Subsidy and Viability Gap Funding (VGF) Support

On 2nd June 2025, the project successfully received the second installment of the AEPC subsidy, amounting to NPR 29,835,700.00 (In Words: Nepalese Rupees Twenty-Nine Million Eight Hundred Thirty-Five Thousand Seven Hundred Only). The amount was deposited into the AEPC AMADABLAM SUBSIDY ACCOUNT (Account No. 55508914281) maintained at Siddhartha Bank Limited, against the Advance Payment Guarantee (APG). This disbursement has reinforced the project’s financial capacity and ensured uninterrupted continuation of works across all components. Prior to the release, ESCO had managed interim contractor payments, ensuring smooth mobilization and construction activities.



3.2 Loan Facility for Transmission and Distribution (T&D) in order to provide Advance Payment

To facilitate the 10% advance payment to Koju Engineering & Builders Pvt. Ltd., Siddhartha Bank Limited disbursed a Bridge Gap Loan on June 04, 2025, amounting to NPR 8,798,208.00 (In words: Eight Million Seven Hundred Ninety-Eight Thousand Two Hundred and Eight Rupees Only). The loan was credited to the AEPC-AMADABLAM-LOAN-ACCOUNT, (Account No: 55508914379).

Subsequently, Amadablam Mini Hydro Limited made the full payment of NPR 8,798,208.00 to Koju Engineering & Builders Pvt. Ltd. as the 10% advance, enabling the contractor's mobilization and continued execution of the Transmission & Distribution (T&D) works in line with the project timeline.

3.3 Opening of Letter of Credit (LC) for Electro-Mechanical Equipment

The procurement process for the electro-mechanical component of the project is nearing a critical milestone. A Performa invoice has been obtained from the supplier, Poseidon SA (Greece). Following a brief delay due to national holidays, Siddhartha Bank Limited has prepared the draft Letter of Credit (LC), which is now in the final stage of verification by both Poseidon SA and the Alternative Energy Promotion Centre (AEPC).

The LC is expected to be formally opened within the next 2 to 3 days. Once opened, a 10% advance payment will be disbursed to Poseidon SA by taking a loan from Siddhartha Bank. This financial arrangement will trigger the start of manufacturing and shipment processes for the electro-mechanical equipment, ensuring the project remains on track for timely implementation.

3.4 Reimbursement of Previously Utilized Equity from AEPC Subsidy

During this reporting period, Amadablam Mini Hydro Limited initiated the process to reimburse previously utilized equity funds that were advanced for contractor payments. A formal request was submitted to AEPC for approval to reimburse an amount of NPR 20,751,961.52 (In Words: Nepalese Rupees Twenty Million Seven Hundred Fifty-One Thousand Nine Hundred Sixty-One and Fifty-Two Paisa Only).

The reimbursement is requested from the AEPC AMADABLAM SUBSIDY ACCOUNT (Account No: 55508914281) to the AEPC AMADABLAM EQUITY ACCOUNT (Account



No: 55504006450). This amount corresponds to expenditures previously covered from equity funds and now being settled through the disbursed subsidy, thereby restoring the equity balance and maintaining the project's financial integrity.

3.5 Request for Additional Operational Advance

During the reporting month, Amadablam Mini Hydro Limited initiated the process for obtaining an additional operational advance of NPR 5,000,000.00 (Nepalese Rupees Five Million Only) from AEPC. This follows the settlement of NPR 2,391,689.80 (Nepalese Rupees Two Million Three Hundred Ninety-One Thousand Six Hundred Eighty-Nine and Paise Eighty Only) against the initial advance received under Ref. No. 55 dated 2081-03-30.

The remaining balance of NPR 2,608,310.20 (Nepalese Rupees Two Million Six Hundred Eight Thousand Three Hundred Ten and Paise Twenty Only) is proposed to be adjusted from the newly requested advance. A formal request was made to disburse NPR 2,391,689.80 (Nepalese Rupees Two Million Three Hundred Ninety-One Thousand Six Hundred Eighty-Nine and Paise Eighty Only) for covering verified operational expenses. This funding is essential to ensure continuity of administrative and support activities and to maintain smooth execution of project operations.

3.6 Equity Contribution by ESCO

There has been no additional equity contribution from ESCO during the reporting month. The previously contributed amount of NPR 37,930,000.00 remains intact in the project's designated account.

3.7 Equity Contribution by Khumbu Pasanglhamu Rural Municipality

Likewise, there has been no further equity contribution from Khumbu Pasanglhamu Rural Municipality in June 2025. The municipality's contribution to date stands at NPR 4,000,000.00, which was utilized in supporting early-stage project activities.

Summary of Financial Status – June 2025

In June 2025, the project received the second AEPC subsidy installment of NPR 29,835,700.00, enhancing financial strength for continued implementation. A bridge gap loan of NPR 8,798,208.00 was secured from Siddhartha Bank to provide a 10% advance payment to the T&D



contractor, Koju Engineering & Builders Pvt. Ltd. The Letter of Credit for electro-mechanical equipment procurement is in its final verification phase and is expected to be opened within a few days. A reimbursement request of NPR 20,751,961.52 was submitted to AEPC for equity previously used to cover contractor payments. The company also requested an additional operational advance of NPR 5,000,000.00, adjusting NPR 2,391,689.80 as verified expenses from an earlier advance. No new equity contributions were made by ESCO (NPR 37,930,000.00) or Khumbu Pasanglhamu Rural Municipality (NPR 4,000,000.00) during this period.

6. Risks and Mitigation Measures

a) Technical Risks

There is a high risk of weather conditions during construction and we have lagged a few months as well. AMHL has been discussing with the contractors to provide the updated realistic project implementation schedule incorporating the work delays due to weather.

There has also been a problem with the transportation of goods and services to site due to weather conditions and administrative issues related to the transportation by helicopter during this month as well.

b) Financial Risks

Though equity collection has been going on, the required equity could not be met yet. Reluctance shown by the stakeholders at times has been a real problem in managing the finance of the subproject.

c) Climatic and Environmental Risks

- **Risk:** Extreme weather events, natural disasters, regulatory changes, environmental impact concerns.
- **Mitigation Measures:**
 - Implement climate-resilient infrastructure.
 - Develop disaster recovery and emergency response strategies.



7. Challenges and Recommendations

Harsh winters, heavy snowfall, and rapid temperature fluctuations have impacted construction timelines, mobility and transport of heavy machinery and materials to the project areas. Reluctance shown by the stakeholders in disbursement of funds had impacted in day to day operation of the ESCO whereas postponement of supply and timely delivery of equipment as per the contract shall obviously been halted.

8. Next Steps/Work Plan

Implementation Schedule of Amadablam Mini Hydro Subproject																			
S.No.	Description of Works	2025										2026							
		Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	Amadablam Mini Hydro Subproject																		
1.1	Civil Construction																		
1.1.1	Camp Setup																		
1.1.2	Diversion weir																		
1.1.3	Approach canal and headrace Canal																		
1.1.4	Gravel Trap																		
1.1.5	Desander basin with Head Pond																		
1.1.6	Penstock Alignment works																		
1.1.7	Anchor Blocks and Support Piers																		
1.1.8	PowerHouse Consturction																		
1.1.9	Tailrace																		
2.1	Hydro-Mechanical work																		
2.1.1	Transportation of pipe from Birjunj to Surke																		
2.1.2	Camp Construction																		
2.1.3	Heli-Transport of HM Equipments from Surke To site location																		
2.1.4	Installation of Penstock Pipe																		
2.1.5	Testing and Commissioning																		
3.1	Electro-Mechanical works																		
3.1.1	LC opening																		
3.1.2	Design Finalization																		
3.1.3	Fabrication of machine																		
3.1.4	Transportation to Site from Factory																		
3.1.5	EM erection																		
3.1.6	Testing & Commissioning																		
4.1	Transmission and Distribution																		
4.1.1	Camp Setup																		
4.1.2	Transportation to Site																		
4.1.3	Cable Trench Excavation																		
4.1.4	Trasmission Line Layout																		
4.1.5	Distribution Line Layout																		
4.1.6	Distribution Line Testing																		
4.1.7	Consumer's House connection																		
4.1.8	Electricity supply in consumers house																		
5	Environmental & Social Safeguard Activities																		
5.1	Orientation to Labor on Labour Management Plan (LMP) & Occupational Health and Safety (OHS)																		
5.2	ESS Compliance Monitoring , GRM functionality (in period of every 3 months)																		

Fig 1: Work implementation schedule from June 2025 to September 2026 of an entire project



Annex 1: Pictures



Pic. 1: Orientation Program to the New Members of Amadablam Mini Hydro Limited



Pic. 2: Meeting with Civil Contractor at Amadablam Mini Hydro Limited (AMHL)





Pic. 3: Board meeting at AMHL meeting hall



Pic. 4: Factory Visit at Nepal Transformer & Allied Engineering Pvt. Ltd., Bhaktapur with representatives from AEPC, AMHL, & Contractor.



ANNEX II: Tables

Environment health and safety status at project site

S.N.	Activities	Implementation Status	Remarks/Details
1.	Occupational Health and Safety (OHS) Measures		
1.1	No. set of PPE available at Subproject	Yes	
1.2	PPE Provided to workers	Yes	
1.3	Helmet, Gloves, Jackets, Harness and Boots	Yes	
1.4	First Box with sufficient medicines at site	Yes	
2.	Human Resources at Subproject		
2.1	Project Manager	Yes	Active supervision and frequent field visit as required
2.2	Environmental and Social Safeguard Staff	Yes	Available at project site
2.3	Workers /Labor	Yes	Available at project site
2.4	Mechanical Engineer	Yes	Available at project site
2.5	Civil Engineer	Yes	Available at project site



2.6	Electrical Engineer	Yes	Available at project site
2.7	Insurance of Workers	Yes	Group Insurance
3.	Information Board and Suggestion Box		
3.1	Information Board of Subproject	NA	Install after the project office has been established at the site Will be implemented at site within 15 days
3.2	Suggestion Box	NA	Will be implemented at site within 15 days
4.	Community Consultation		
4.1	Number of Consultation Conducted	NA	Will be implemented at site within 15 days.
4.2	Number of People Participated in Consultation	NA	Will be implemented at site within 15 days
5.	Grievance Redress Mechanism		
5.1	Grievance Redress Committee Formed	Yes	
5.2	Name of designated Grievance/ SEA/SH Handing Focal Person	Kalpana Dangol	Appointed from June,2025
5.3	Grievance Registration Book	Yes	
5.4	Record of Grievance Received (If any)	Not Received any till date.	



6.	Placement of Signage		
6.1	Signage at Subproject Site	Yes	
6.2	Suggestion Box	NA	Will be implemented at site within 15 days
7.	Waste Management/Material Storage		
7.1	Waste Disposable Designated Area	Yes	Intake and Powerhouse
7.2	Material Storage Designated Area	Yes	

ANNEX 3

Photographs Occupational Health and Safety (OHS) Measures





Figure 2: Labor are working at construction site



S. Mahajan