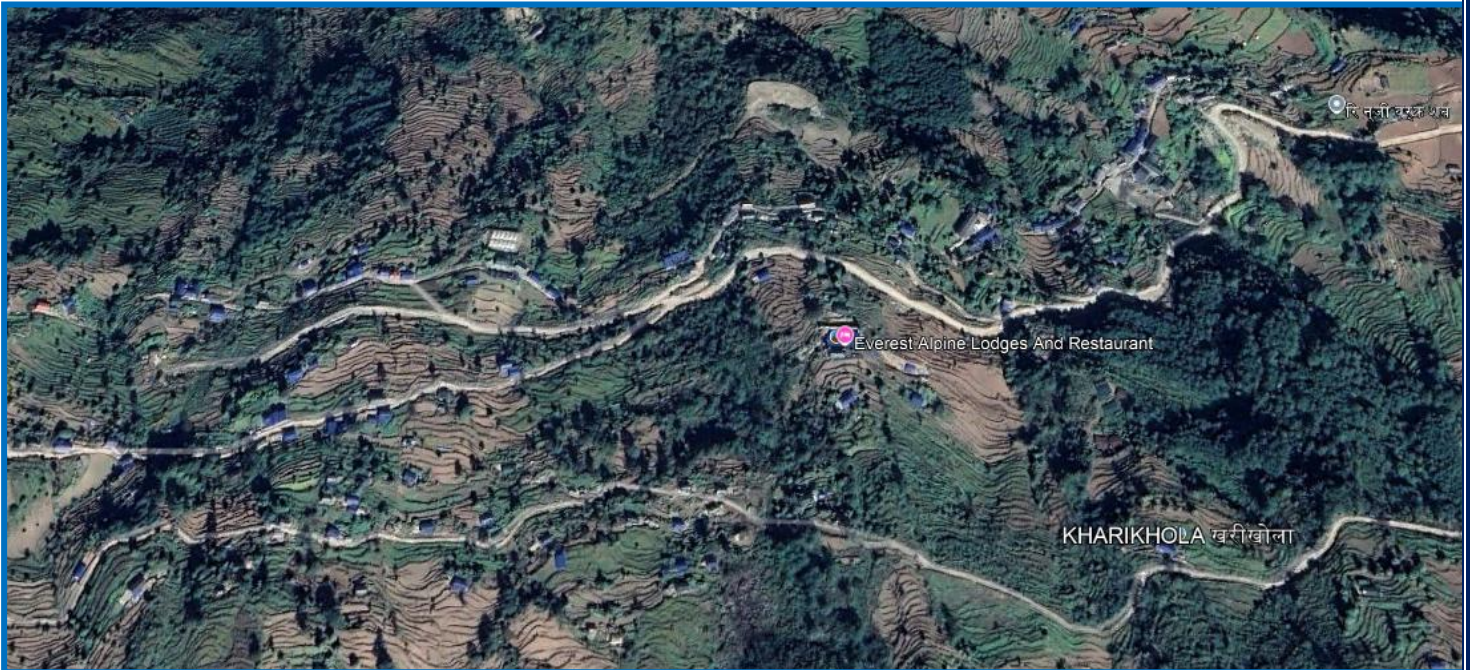




KHARIKHOLA DRINKING WATER SUPPLY PROJECT
KHUMBU PASANG RURAL MUNICIPALITY
SOLUKHUMBU, KOSHI PROVINCE
NEPAL



A
Project
for
"Safe Water for Healthy Kharikhola"
KHUMBU PASANG LHAMU RURAL MUNICIPALITY-01, KHARIKHOLA



Project Funded By:
Himalayan Eye Project, Switzerland
Khumbu Pasang Lhamu Rural Municipality
Kharikhola Community

Report – I
Submitted By:



Action for Nepal
Bouddha, Kathmandu
www.afnepal.org

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Executive Summary

The Kharikhola Drinking Water Supply Project will be successfully implemented to improve equitable access to safe and reliable drinking water for rural households in Khumbu Pasang Lhamu Rural Municipality, Solukhumbu District. The project will directly benefit 147 households, comprising 682 populations in Kharikhola, communities that previously faced persistent challenges related to water scarcity, poor water quality, and long collection times.

The project being managed and implemented by Action for Nepal, with financial and institutional support from Himalayan Eye Project Switzerland, Khumbu Pasang Lhamu Rural Municipality, and meaningful community contributions from Kharikhola. The intervention adopted a Household Connection service model, ensuring inclusive, dignified, and household-level access to potable water in alignment with national standards.

Project activities included water source protection, construction of intake and storage structures, installation of transmission and distribution pipelines, and household tap connections. Community engagement was integral throughout the project cycle, strengthening ownership, local accountability, and long-term sustainability.

Upon completion, the project will significantly reduce the time and physical burden associated with water collection, improved hygiene practices, and contributed to better health outcomes, particularly for women, children, and elderly community members. The project demonstrates effective collaboration between civil society, local government, donors, and communities, and aligns closely with Quality Education Nepa that support education, health, and human dignity.

Project Goal

To ensure sustainable, equitable, and safe access to drinking water for all households in Kharikhola, thereby improving health outcomes, reducing time poverty, and contributing to inclusive rural development in line with Sustainable Development Goal 6 (Clean Water and Sanitation).

Project Outcome

Outcome 1: Household Access to Safe Drinking Water

Indicator: Percentage of households with functional household tap connections

Baseline: 0%

Expected Endline: 100% (147 out of 147 households)

Outcome 2: Reduced Health Risks Associated with Unsafe Water

Indicator: Proportion of households accessing improved water sources at household level

Expected Endline: 100% of beneficiary households

Qualitative Result: Reduced exposure to water-borne diseases and improved hygiene practices

Outcome 3: Reduced Time and Labor Burden for Water Collection

Indicator: Average time spent per household per day for water collection

Baseline: Long-distance collection from unsafe or seasonal sources

Expected Endline: Less than 5 minutes per day (on-premises access)

Outcome 4: Strengthened Community Ownership and Sustainability

Indicator: Community contribution and participation in implementation and O&M

Expected Endline: 100% community participation during construction and system handover

Project Output

Output 1: Household Water Supply Infrastructure Established

- 147 household tap connections installed and operational
- Service Level: Individual HH Connection

Output 2: Water Source Protection and Storage Systems Constructed

- Improved and protected water sources developed to ensure water quality and reliability
- Storage structures constructed to meet daily household demand

Output 3: Transmission and Distribution Network Completed

- Transmission pipelines installed from source to reservoirs
- Distribution pipelines extended to all beneficiary households with equitable coverage

Output 4: Community Engagement and Capacity Strengthening

- Beneficiary households actively involved in planning, construction, and monitoring.
- Community capacity enhanced for basic operation and maintenance of the system.

The Kharikhola Drinking Water Supply Project will successfully achieve its intended goal and outcomes, delivering 100% household-level access to safe drinking water in the target communities. The project stands as a model of effective partnership between Quality Education Nepal, Action for Nepal, local government, and beneficiary communities, demonstrating how targeted infrastructure investments can generate long-term social, health, and development benefits.

Project Details

Project Title: Kharikhola Drinking Water Supply Project

Report Submitted to: Himalayan Eye Project Switzerland and Khumbu Pasang Lhamu Rural Municipality

Report Submitted by: Action for Nepal

Reporting Period: November 2025 to August 2026

Project Start Date: November 2025

Project Duration: 10 Months (Up to August 2026)

Progress Summary

Completion of Detail Design and Cost Estimate.

Agreement with Local Government.

Project Registration at Social Welfare Council.

Agreement with Community and Orientation.

Procurement of Non-Local Construction Materials and Delivery

Construction Begins with Silyanas on 20th January 2026.

Completion of Detail Design and Cost Estimate

The Detailed Design and Cost Estimate for the Kharikhola Drinking Water Supply Project were successfully completed by Resilient Innovations Engineering Services Pvt. Ltd., which was selected through a competitive quotation process at a contract amount of NPR 3,50,000. The assignment included the preparation of detailed engineering drawings, technical specifications, and a comprehensive cost estimate in compliance with applicable national standards and local requirements. The design and estimate were prepared through close and continuous coordination with the local government and the Kharikhola community, ensuring that local needs, site conditions, and community priorities were fully incorporated. This participatory approach enhanced technical appropriateness, cost realism, and local ownership, thereby providing a sound and approved technical basis for subsequent procurement and construction of the project.

Agreement with Local Government

An agreement was formally signed between Action for Nepal and Khumbu Pasang Lhamu Rural Municipality to implement the Kharikhola Drinking Water Supply Project, ensuring effective coordination, transparency, and accountability throughout the project period. The project is jointly funded by the Himalayan Eye Project Switzerland and Khumbu Pasang Lhamu Rural Municipality, with clearly defined financial contributions and cost-sharing arrangements as approved in the project budget. Under the agreement, Action for Nepal is responsible for overall project management, technical design, procurement, construction supervision, financial management, monitoring, and reporting in line with donor and government requirements. Khumbu Pasang Lhamu Rural Municipality commits to providing its agreed

budget contribution, facilitating local approvals, supporting community mobilization, coordinating with ward offices, and ensuring alignment with local development plans and standards. Both parties agree to work collaboratively to ensure timely implementation, quality construction, proper utilization of funds, and long-term sustainability of the drinking water system, with roles and responsibilities clearly outlined to strengthen local ownership and institutional accountability.

Project Approval from Social Welfare Council:

With the completion of Detail Design and Cost Estimate and its approval from local government and after signing the project agreement with Local government, the project was registered in the Social Welfare Council on 26th November 2025.



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memo
2025/11/26

Reg No: 147077 / 072 / 073
S.W.C Affiliation No: 43146
PAN: 604237376



Subject: Request for Approval of Kharikhola Drinking Water Supply Project.

It is to let you know that Action for Nepal is planning to implement Kharikhola Drinking Water Supply Project in Solukhumbu district to be effective from November, 2025 to August, 2026 with the total project budget of NRs. 1,06,20,000.00

So, we would like to request you for the approval of the Project.

Following documents have been attached herewith.

1. Cover Letter Itself
2. Project Proposal
3. Project Description
4. Donor Agreement
5. Donor confirmation letter
6. Agreement with RM
7. Factsheet
8. Drawing set of Kharikhola Drinking Water Supply Project
9. Report of design and cost estimate of Kharikhola Drinking Water Supply Project.
10. SWC Affiliation Certificate
11. Company renewal certificate
12. PAN certificate
13. Tax Clearance certificate
14. Audit Report
15. SWC Approved Project Final Report
16. Last Election Minute with Board Member's Name
17. M & E Report of SWC
18. Project Implementation Minute of Board Members
19. Office Assets

Sincerely

Bishul Rai
Admin Assistant
9801864453/014915979

Agreement with Community and Orientation

Agreement:

A formal Agreement was signed on 9 December 2025 between Action for Nepal and the Kharikhola community, establishing the institutional and legal framework for implementation of the Drinking Water Supply Project. The agreement clearly outlined the roles and responsibilities of each party, including implementation arrangements, financial commitments, community contributions, and coordination mechanisms, thereby ensuring accountability, transparency, and shared ownership of the project.

Orientation:

Following the agreement, a dedicated community orientation program was conducted for representatives of the Kharikhola community. During the orientation, the approved design drawings, technical scope of works, and cost-sharing and community contribution mechanisms were thoroughly explained and discussed. This process ensured that community members had a clear understanding of the project design, implementation approach, and their roles in construction and future operation and maintenance, thereby promoting informed participation and long-term sustainability.





Procurement of Non-Local Construction Materials

The procurement of non-local construction materials was carried out in accordance with established procurement procedures to ensure transparency, competitiveness, and value for money. The bid notice was published on 25 November 2025, and the bid opening was conducted on 15 December 2025, during which four bidders participated in the competitive bidding process. Following technical and financial evaluation, Maruti Tradings was identified as the successful bidder and was subsequently awarded the contract. An agreement was duly signed between Action for Nepal and Maruti Tradings, after which the required construction materials were procured and successfully transported and delivered to the project site, enabling the timely commencement of construction activities.

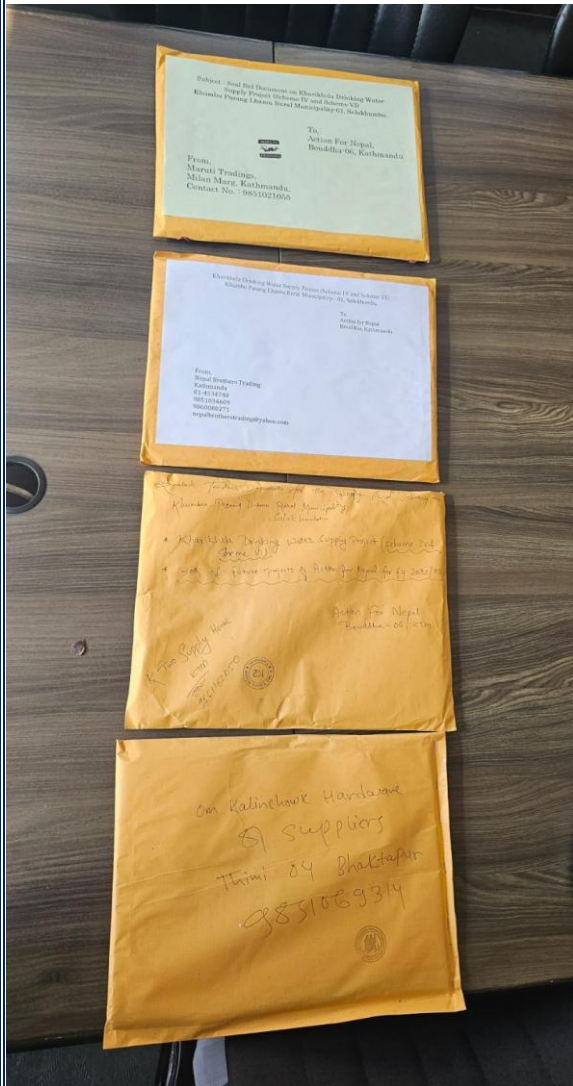


Image: Bidders and Their Evaluation

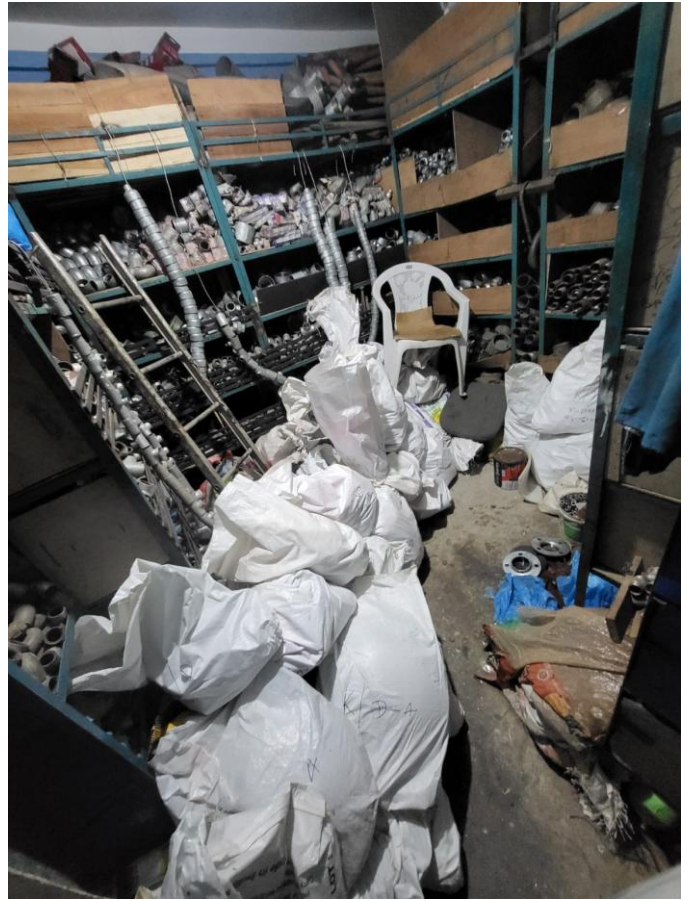


Image: Quality and Quantity Verification of Materials and Packaging



Image: Materials Packaging and Transportation



Construction Begins

The Silyanas Program – Safe Drinking Water Supply Project (Scheme IV & VI) was formally initiated in Kharikhola through an official project commencement program held on 20 January 2026, with the presence of representatives from Khumbu Pasang Lhamu Rural Municipality, and the local community. The program marked the official start of project implementation under the theme “*Safe Water for Health*” affirming the shared commitment of all stakeholders to improve access to safe and reliable drinking water. During the event, the project objectives, funding partnership, implementation approach, and community roles were clearly communicated again, strengthening coordination and local ownership. With the project now formally launched, all preparatory and institutional arrangements have been completed, and construction activities will continue smoothly from this stage onward as per the approved design, schedule, and quality standards.



Image: Formal Start of Construction Phase of the Project with Ngima Dorji Sherpa- Main Coordinator, Himalaya Eye Project Switzerland

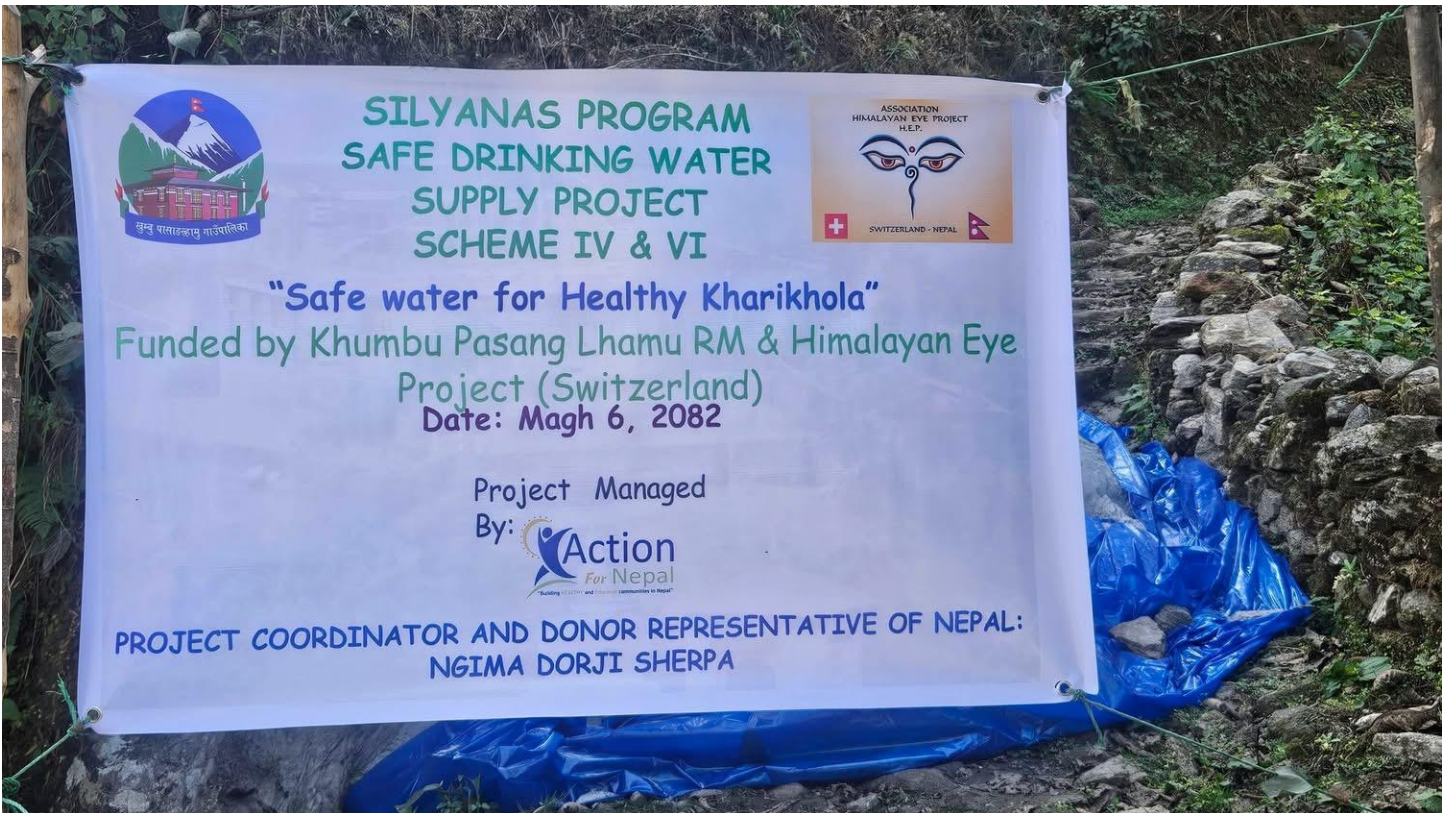


Image: Some Images of Silyanas Program