
WATER SUPPLY PROJECT

CHAPAKHORI, KAVRE

(Nepal)

Progress Report

Client: HELP IN ACTION, Nepal

HELP IN ACTION ONLUS, Italy

Company: VERSATILE WORKS ENGINEERING COMPANY

Lalitpur Nepal

August, 2022

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1. INTRODUCTION

Clean drinking water is the necessity for good health of the human beings. The presence of the natural spring and its difficult accessibility kills the time and strength of the local villagers in rural places.

To facilitate propose of access with up gradation, the NGO, “Help in Action in Nepal (Help in Action Onlus, Italy)” has been working on it along with financial support and technical input. As such, the water supply project in Chapakhori, Kavrepalanchwok District, Nepal is one of the project that NGO is involved with the target as following works.

- Upgrade the existing natural spring
- Add the new springs by boring
- Protection of the source of springs
- Collect the water and lift up to the tanks by the pump
- Storage of water at tank and distribution of the water

For the works to complete the project NGO has hired the company for boring and for the remaining works, the NGO has hired Versatile Works Engineering Company to assist for the execution of work.

2. SALIENT FEATURES

Name of the Project	:	Water Supply Project in Chapakhori, Kavre, Nepal
The Date of Signing to Company	:	June 1 2022
The Effective Date	:	August 2022
The Time for Completion	:	
Name of the Client	:	Help in Action Nepal / Help in Action Onlus Italy
Name of the Company	:	Versatile Works Engineering Company Pvt.Ltd, Lalitpur, Nepal
Title of Services	:	Project Construction
Contract Price	:	NPR-6,742,650.00

3. PERSONNEL FOR PROJECT AND SITE

From Client Side:

1. Mr. Claudio, Geologist
2. Mr. Matteo, Engineer
3. Mr. Tashi Chogyal Lama, Secretary

From Company Side:

1. Mr. Gyan Raj Man Shrestha, Managing Director, Structure Engineer
2. Mr. Jeevan Shrestha, Water Supply Engineer
3. Mr. Kumar, Site In Charge

4. SCOPE OF WORKS

- Supply of all materials needed to scope
- Site clearance and preparatory works
- Installation and execution of foundation works for water tanks
- Execution & construction of bio-engineering systems
- Slope protection works
- Building of pump house
- Installation of delivery pipeline (from storage tank downstream to storage tank upstream)
- Installing of electrical panel and related jobs

5. MAJOR ACTIVITIES AND ACHIEVEMENTS

S.N.	ACTIVITIES	STATUS	ACHIEVEMENTS
1	Supply of materials	Cement, Rebar, Stone, Coarse and Fine Aggregates, GI Pipes, HDP Pipes, Pipe fittings, Gabion wires, Iron Poles, Fencing wires, Windows and Doors Panel, Storage Tanks	Completed
2	Site Clearance	Cleaning, scrubbing	Completed
3	Spring Collection Work		
4	Bio Engineering Work		
5	Gabion Protection Work		
6	Down Stream Storage Tank	<ul style="list-style-type: none"> • Foundation Base • 	<ul style="list-style-type: none"> • Completed •
7	Pump House	<ul style="list-style-type: none"> • Foundation Base • 	<ul style="list-style-type: none"> • Completed •
8	Delivery Pipe Line		
9	Up Stream Storage Tank		

6. DOCUMENTS EXCHANGED

S.N.	Date	Subject	Dispatched By	Addressed To
1	31 May, 2022	Site Visit Report	Company	Client
2	July, 2022	Project Implementation Plan	Client	Company
3	July, 2022	Project Implementation Plan	Company	Client
4	19 August, 2022	Interim Payment Certificate-1	Company	Client
5	29 August, 2022	Progress Report	Company	Client

7. FINANCIAL ACTIVITY

Bill Description	Amount (Net)	Forwarded by Company	Recommended by Client
Advance Payment	NPR 3047677.8	1 June, 2022	8 June & 7 July, 2022
Interim Payment Certificate-1	NPR 1524268.3	19 August, 2022	

8. SITE VISIT & OTHER ACTIVITIES

- Site visit by client and company to have a meeting with local villagers and representatives to solve the issues, make minute for their commitment and commence the work at 18 August 2022.

9. ENVISAGED PROGRAM

- Bio Engineering Work
- Protection work
- Foundation work
- Structural work

10. MAJOR ISSUES

- NGO should approach for the source of Electricity
- NGO should depute the person to help the local community unit for legal process
- NGO shall finalized the change of Pipe Alignment Routes



Fig: Google Map showing the possible new routes of pipe with red lines

ANNEX I: PHOTOGRAPHS



Figure: Site Construction Materials

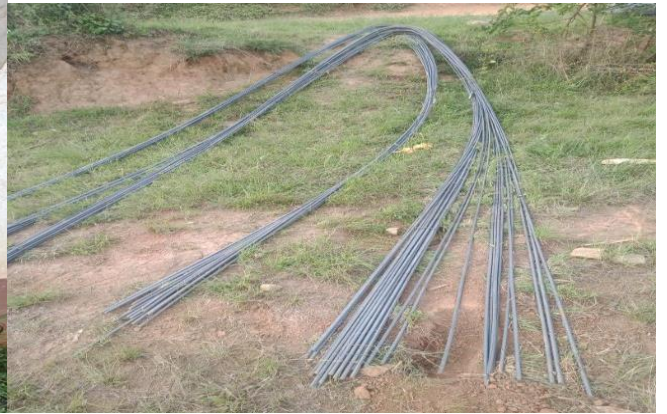


Figure: Site Construction Materials



Figure: Site Clearance and making foot rails



Figure: Excavation, Soling work for downstream reservoir tank



Figure: Excavation, and site preparation for Pump House



Figure: Start of bioengineering work