



Completion Report

Global Grant GG2465622

Final Project Overview



This report presents the completion of the Gauritar Women-led Water Supply and Solar Micro-Irrigation Project in Devghat Rural Municipality-5, Tanahun District, Nepal. Supported by Rotary Global Grant GG2465622, the project was implemented through collaboration between the Rotary Club of Chitwan (District 3292) and the Rotary Club of Auburn (District 5030), with contributions from several Rotary Clubs from District 5030 and around the globe. With a total budget of \$48,880, the project advances Rotary's Areas of Focus in Water, Sanitation and Hygiene and Community Economic Development by providing safe drinking water and reliable irrigation to underserved households. Through solar-powered water infrastructure, water treatment systems, and community training, the project supports sustainable agriculture, women's empowerment, and climate-resilient livelihoods, helping improve health, food security, and economic opportunities for marginalized communities in rural Nepal.

33 Families

Households Served

100K Sq M

Farmland Irrigated

165 People

Households Served

Project Objectives

- Provide safe and treated drinking water to underserved households
- Establish a solar-powered water pumping system for sustainable water supply
- Enable year-round irrigation to improve agricultural productivity
- Support women-led farming initiatives and community participation
- Strengthen local capacity through training and community management

Project Implementation Journey

Major Milestones

- Headworks and drilling completed
- Overhead tank construction and installation completed
- Solar hybrid pump system installed, tested, and commissioned
- Transmission, distribution, and yard connection pipeline works completed
- Water treatment systems installed, including iron removal and chlorine dosing
- Pre-construction, post-construction, and commercial farming trainings conducted
- Project inaugurated and handed over to the community on December 5, 2025



Drilling



Foundation



Trenching



Laying Pipeline



Tower Frame Assembly



Tank Installation

A Functional Water Supply & Irrigation System

The system is now operational and community-managed. The completed infrastructure includes the source works, solar pumping arrangement, storage structure, treatment components, distribution lines, and household connections. Together, these elements changed a rain-dependent setting into a more reliable water and irrigation system.

Outcomes and Community Impact



Highlights

- 165 direct beneficiaries now have access to improved drinking water across 33 connected households
- 100,000 square meters of farmland can now be irrigated year-round
- A women-led model supports commercial vegetable and fish farming
- A Water Users' Association manages system operations and long-term sustainability
- 11 individuals were trained, and 1 local job was created

Impact

Rotary's support has significantly uplifted marginalized communities in Gauritar, including Bote, Gurung, and Dalit households, who previously relied on untreated river water and seasonal rain-fed agriculture with limited income opportunities. With the implementation of a solar-powered water system, families now have access to safe drinking water, reliable irrigation, and improved agricultural productivity. This has enhanced health, strengthened livelihoods, and created sustainable economic opportunities, while advancing Rotary's focus on Water, Sanitation and Hygiene, Community Economic Development, women's empowerment, and climate-resilient infrastructure.

Thank you to all contributing Rotary partners

- Rotary Club of Auburn, USA (District 5030 - Sponsor)
- Rotary Club of Chitwan, Nepal (District 3292 - Project Lead)
- Rotary Club of Bellevue, USA (District 5030)
- Rotary Club of Mill Creek, USA (District 5030)
- Rotary Club of Lake Forest Park, USA (District 5030)
- Rotary Club of Seattle International District, USA (District 5030)
- Rotary Club of University District Seattle, USA (District 5030)
- Rotary Club of Kaohsiung, Taiwan (District 3510)
- Rotary District 5030, Seattle, USA
- The Rotary Foundation