**Mid Hongu A & B Hydro Power**

The Mid Hongu Khola A Hydropower Project is a 22 MW run-of-river project located in Solukhumbu District, Province No. 1, Nepal. It's planned to utilize the Hongu River to generate electricity. The project is being developed by Apex Makalu Hydropower Limited, which acquired it from the original developers.

The Mid Hongu Khola B Hydropower Project is a 22.9 MW run-of-river project located in Solukhumbu District, Province No. 1, Nepal. It's planned to utilize the Hongu River to generate electricity. The project is being developed by Gaurishankar Power Developer Limited, which acquired it from the original developers.

**My Involvemet**

* Design and drawing of HM components such as **Radial Gates, Vertical Gates, Stoplogs, Trashracks** and associated accessories.
* Review provided drawing of HM components specially **Bellmouth, Transition Piece, Manhole and other components** and preparation of detailed fabrication drawings for production.
* Coordination with site engineers and project technical teams to ensure alignment of design and site execution.
* Supervision of the fabrication and installation process of HM equipment at both workshop and project sites.
* Managed preparation of **manufacturing schedules** and ensured all activities met ISO 9001 QMS documentation requirements.
* **Shipment coordination** of fabricated components to project destinations, as per customer agreements.
* Preparation of P**rogress Reports, Running Bill**, and documentation throughout project execution.

**Software Used**

* **AutoCAD** – For design drafting and fabrication drawing preparation
* **SolidWorks** – 1. For 3D modeling of Radial Gate and Fabrication Drawing

2. Stress analysis of Lifting Beam for tailrace gate

* **MS Excel & Word** – For reports, schedules, invoices, and documentation
* **MS Project**– For production and installation scheduling







