

JERWIN B. TABBABAN, RCE, SO2

Aparri, Cagayan Valley-Philippines

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CIVIL ENGINEER

PROFESSIONAL PROFILE

- 7 years of experience in various fields of Civil Engineering.
- Excelled as a Civil Laboratory Technician in a government agency, contributing to the successful execution of projects through rigorous testing and analysis. Developed a keen eye for detail and precision in material testing and quality assurance and as well as partaken into proper and critical planning for a bridge retrofitting.
- Demonstrated leadership as a Section Head in a Government Local Water Utility, overseeing multifaceted responsibilities from planning to responsibilities from planning to project execution. Specialized in planning, supervision and cost engineering for various projects, including the construction of fully furnished Building Facilities for pumping stations and water distribution pipelines. Successfully managed and delivered projects within stipulated timeframes and budget constraints.
- Currently contributing to the success of an iconic 1.580km long Stay-cable Bridge project under Hunan Road and Bridge Construction Group co. Ltd. Phil- Branch as a Quantity Engineer. Proficient in detailed estimation, scheduling, cash-flow management and overall contract management and inventory. Leveraged accumulated knowledge to ensure the efficient and cost-effective execution.

CORE SKILLS

<ul style="list-style-type: none">• Freelance Civil Engineer practitioner capable of preparing set of plans and necessary documents for Building permit prior Construction for Residential and Commercial buildings such as:<ul style="list-style-type: none">- Architectural plan- Civil/Structural plan- Sanitary and plumbing plan- Electrical plan- Building Specifications- Program of Works- Detailed Unit Price Analysis- Bills of Materials- Bills of Quantities- Project completion scheduling	<ul style="list-style-type: none">• Knowledgeable of using various Engineering/ Architectural Softwares such as:<ul style="list-style-type: none">○ SketchUp pro 3D modelling○ Lumion Rendering Software○ AutoCAD○ Microsoft Office Programs○ Basic STAAD.Pro- Structural Analysis and Design Software
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WORK EXPERIENCE

Quantity Engineer:

Duration: April, 2023- Present

Position: Quantity Engineer

Name of Office/Unit: Engineering Section

Name of Agency/Organization and Location: Hunan Road and Bridge Construction Group Co.

- Accomplishments and Contributions:
 - Prepares progress billing documents such as:
 - Straight Line Diagram and As-built plan
 - Detailed computation of all accomplished quantities
 - Statement of Work Accomplishment
 - Detailed computation of slippage and total net pay for the progress billing.
 - Prepares time extension program and variation order/change order
 - Prepares cash flow, S-curve & Gantt Chart
 - Prepares schedule of works;
 - Prepares all necessary estimates on projects
 - Prepares Bills of Quantities including Bills of Materials, Program of Works, and Detailed Unit Price Analysis for Bidding documents.
 - Others:
 - Assist in preparing shop drawings, revision of drawings as per actual, and collaborative planning with the design team.

Technical/Engineering Section Head:

Duration: September 10, 2018 – May 17, 2023

Position: Engineering/Technical Section Supervisor

Name of Office/Unit: Technical/Engineering Section

Name of Agency/Organization and Location: Aparri Water District

- Accomplishments and Contributions:
 - Technical/Engineering Section Team Leader; Leads the department to perform the duties and responsibilities to provide a potable water and to be an efficient water service provider to the community.
 - Monitoring of Water Production efficiency and non-revenue water reduction.
 - Prepares necessary reports such as: Production Efficiency, Non-revenue water reduction, Machinery maintenance, Water quality monitoring report and over-all technical operation report and others such as;
 - Reports on illegal connection/consumption and prepare communication letter for the appropriate authority if needed (internal and external) and leak repair reports on main distribution and service line.
 - Estimation/survey of water service connections.

- Regular assessment prior proposal of project for the improvement of the technical operation of the Water District.
- Prepares Necessary Project Documents such as:
 - Design and Technical Drawings
 - Bills of Materials
 - Bills of Quantities
 - Detailed Unit Price Analysis
 - Program of Works
 - Project Schedule.
 - Project Progress monitoring and report.
 - Proposal of projects and request for the procurement of materials, equipment, rehabilitation of pump house and the like matters necessary for technical operation (small- and large-scale procurement).
- Inspect/verifies all constructions and plumbing works are done according to standards.
- Bids and Awards Committee Vice Chairman.

Laboratory Technician

Duration: February 1, 2017 – September 1, 2018

Position: Laboratory Technician-II

Name of Office/Unit: Quality Assurance and Hydrology Division

Name of Agency/Organization: Department of Public Works and Highways-Regional Office-2

- List of Accomplishments and Contributions:
 - Quality Assurance and Control project site supervisor.
 - Prepare and conduct necessary material test on-site such as Field density test, Slump Test, Cast-in Cylinder testing prior testing for compressive strength, Coring etc. and;
 - Prepare QA/QC reports.
 - Inspect and supervise to ensure that materials used and construction methodology used and practiced on project are according to the DPWH standards.
 - Prepare and approve concrete pouring permit.
 - Projects partaken and accomplished:
 - Baculod Bridge Widening- Alcala, Cagayan
 - River Control- Alilinu to Agusi, Camalaniugan, Cagayan
 - River Control- Dacalla Fugu
 - Road widening, Reblocking and Asphalt Overlay- Catotoran Camalaniugan to Tallungan, Aparri.

EDUCATION

- **Lyceum of Aparri**
- **Bachelor of Science in Civil Engineering** - (06/2011 - 03/2016)
 - Passed the Licensure Examination for Civil Engineers- (11/2016)

TRAININGS AND CERTIFICATES

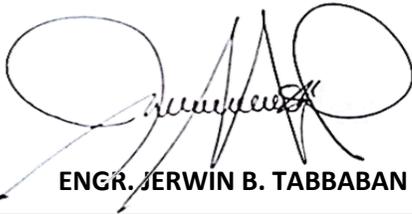
- **Construction Occupational Safety and Health (COSH)** - March 19-20 & 26-27, 2022
Business Enterprise and Career Mentors Inc.
- **Structural Detailing of Steel Structures and Joint Connections Using STAAD and RAM Connections** - November 13, 2021 (4 hours)
XStructures Engineering Consultant
- **Structural Detailing of Reinforced Concrete Structures using STAAD Advanced Concrete Design** - November 6, 2021
Bentley Institute
- **Construction Project Management** - August 15, 2021 (3 hours)
MST Connect
- **Structural Detailing of Reinforced Concrete Structures in the Low to Mid-rise Section Category** - July 17,2021 (4 hours)
MST Connect
- **National Sewerage & Septage Management Program Promotional Campaign and Training Workshop 2019** - July 2-4, 2019
DPWH Regional Office-II
- **Financial Reforms and Strategies in NRW Management and Implementation Workshop** - October 24, 2019
Local Water Utilities Administration
- **Introduction to Change Management and Institutional Reforms Workshop** - October 22, 2019
Local Water Utilities Administration
- **Asset Management Training Workshop** - July 19, 2019
Local Water Utilities Administration
- **Introductory Conference on NRW Reduction and Control Program** - January 30, 2019
Local Water Utilities Administration
- **Government Contracting: Design and Build Contracts** - February 3, 2019
Upswing Learning Center
- **Slope Stability Analysis of Embankments & Earth Dam** - February 2,2019
Upswing Learning Center
- **Sustainable Storm Water Management, Planning and Design** - August 12, 2018
Upswing Learning Center

HOBBIES AND INTERESTS

- Building Designs and Planning
- Reading
- Singing and Playing guitar
- Playing Basketball

CHARACTER REFERENCE

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ENGR. JERWIN B. TABBABAN

(Signature Over Printed Name of Applicant)