

MARK LEO DEL ROSARIO

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Civil Engineer | Quantity Surveyor — Cost Estimator

PROFESSIONAL SUMMARY

Results-driven Civil Engineer and Quantity Surveyor with hands-on expertise in quantity take-offs, Bill of Quantities (BOQ) preparation, precise cost estimation, and strategic bid support for major civil, road, drainage, and precast infrastructure projects. Adept at reading and interpreting technical drawings and utilizing high-performance software including PlanSwift, Advanced Excel, AutoCAD, SketchUp, and AI-assisted estimating tools to optimize turnaround speed and accuracy. Demonstrated record of collaborating across design, site execution, and procurement teams to deliver deadline-driven, competitive tender outputs. Seeking a remote Estimator role to drive profitable, high-precision cost estimates for international infrastructure projects.

CORE COMPETENCIES & TECHNICAL SKILLS

Quantity Surveying & Estimating: Quantity Take-Offs, Bill of Quantities (BOQ) Preparation, Cost Analysis, Tender & Bid Support, Rate Analysis

Software & Technical Tools: PlanSwift, Advanced Excel, AutoCAD, SketchUp, AI-Assisted Estimating Tools

Engineering Operations: Technical Drawing & Blueprint Reading, Formwork & Shop Drawing Interpretation, Site Supervision, Quality Control, Infrastructure Inspection

PROFESSIONAL EXPERIENCE

F.F. Cruz & Co. — Quantity Surveyor

Sept 2025 – Present

- Engineered precise quantity take-offs, BOQs, and cost estimates for civil, roadwork, drainage, and tender packages.
- Collaborated cross-functionally with site, structural design, and procurement teams for bid and tender submissions.
- Leveraged PlanSwift and Advanced Excel to audit project quantities and streamline estimation turnaround times.
- Integrated AI-assisted tools into measurement workflows to improve accuracy and quality assurance protocols.

F.F. Cruz & Co. — Field Engineer / QS (Road & Drainage)

Mar 2025 – Sept 2025

- Supervised on-site execution to ensure work strictly adhered to engineering drawings and technical specifications.
- Managed field implementation, equipment allocation, and verified site quantity measurements for optimal progress.

F.F. Cruz & Co. — Field Engineer / QS (ATI Pier 3)

Aug 2022 – Feb 2025

- Drafted formwork and shop drawings for structural precast elements using CAD and 3D modeling principles.
- Reviewed structural designs for compliance with client specifications and engineering standards.
- Aligned drawing outputs with fabrication schedules, design intent, and site constraints.

DSWD NCR — Project Development Officer II

Sept 2019 – Mar 2020

- Monitored site construction quality and audited project documentation for full compliance.

F.F. Cruz & Co. — Cadet Engineer / QS

Jun 2017 – Aug 2019

- Assisted in field supervision, preliminary quantity take-offs, site layout, and engineering documentation.
- Supported quantity surveying teams with plan preparation, drawing reviews, and material measurement verifications.

EDUCATION

Baliuag University — Baliuag, Bulacan

Graduated May 2017

Bachelor of Science in Civil Engineering