

Faith Tangara

Project Quantity Surveyor (Cost Estimator)

 tangarafait@gmail.com

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SUMMARY

I'm passionate about information management, technology advancements, and quantity surveying practices in the construction industry. With 3years of progressive experience in cost estimation, bills of quantities preparation, preparation of tenders and evaluation of bids, contract management, project and construction supervision, project valuation, client liaison, and BIM object modelling (4D,5D), BIM Execution Planning (BEP), model-based coordination and use of CDE based on Open BIM IFC and BCF standards.

Currently exploring the intersection of BIM and AI to reduce bills of quantities preparation time by 20%. Passionate about the potential of emerging technologies to drive change in the construction industry and committed to continuous learning to stay ahead of the curve.

Tools: Revit, iTWO costX®, Bexel Manager, Navisworks.

EXPERIENCE

 **BIM A+ (Ljubljana, Slovenia)**

Master's in Building Information Modelling (Oct 2022 - Present)

- Developed a comprehensive understanding of the potential and role of BIM in the building industry.
- Understood the use of BIM in projects and the required level of detail to comply with legal and project collaboration requirements.
- Identified and applied modelling practices that were suitable for the intended use of the models to create effective models.
- Acquired knowledge in using parametric approaches and creating advanced objects to enhance my modelling skills.
- Assessed interoperability issues in BIM exchange to ensure efficient collaboration with project stakeholders.
- Gained a good understanding of the business processes impacted by BIM 4D, 5D, and 6D, and how the Common Data Environment could support other processes.
- Acquired the necessary knowledge and skills to adapt BIM to modelling and applications for specific contexts such as building rehabilitation and sustainability analysis/assessment.

 **Evercam - Construction Cameras. (Dublin, Ireland)**

Research Technical Writer

- **Research Documentation:** Conduct in-depth research and create comprehensive, accurate documentation by sourcing information from scientific literature, industry reports, and relevant sources.
- **Technical Content Development:** Develop high-quality technical content, including research reports, white papers, user manuals, and documentation for scientific or engineering projects, ensuring clarity and accessibility for diverse audiences.
- **Data Analysis and Interpretation:** Analyze and interpret research data, employing critical thinking skills to present meaningful insights that support the development of technical documentation. Staying current on industry trends and developments and incorporating this knowledge into my writing
- **Collaboration with Subject Matter Experts:** Collaborate with experts and stakeholders to gather accurate information, incorporating their expertise into technical content and maintaining its accuracy and completeness.

- Quality Assurance: Conduct quality checks to ensure technical documents meet high standards of accuracy, clarity, and completeness, aligning with the intended purpose and target audience requirements.

 **Ominet Enterprises. (Nairobi, Kenya)**

Assistant Quantity Surveyor

- Recording and monitoring variations to the contract, and ascertaining the costs involved.
- Preparing tender documents.
- Measuring construction works on site also involves recording progress and valuing the work.
- Reviewing tender documents and contract variations and using this to calculate the final figure payable.
- Implementation and warning of all occupational health and safety regulations
- Compiling monthly reports to show the progress of a project. Tasks include recording costs incurred and future costs, producing summaries showing monies coming in and going out, monitoring risks, and reporting on factors likely to affect profitability.
- Attend meetings with clients and advise them on any commercial issues that arise.



Institute of Quantity Surveyors Kenya

Volunteer Member - Marketing and Publications Committee (Jun 2019 - Present)

- Content contributor to the institute's publications
- Identifying opportunities for publishing work derived from the institute's activities.
- Assessing editorial quality and content of the publication program of the institute; and reporting its findings to other committees as and when necessary
- Review sales on publications.

 **Nyange Integrated Consultants (Nairobi, Kenya)**

QS Intern

- Collecting information about the cost of the various operations from which the contractor can prepare future estimates
- Recording and monitoring variations to the contract, and ascertaining the costs involved.
- Preparing contract documents.
- Measuring construction works on site also involves recording progress and valuing the work, based on agreed contract rates.
- Reviewing tender documents and contract variations and using this to calculate the final figure payable.
- Compiling monthly reports to show the progress of a project. Tasks include recording costs incurred and future costs, producing summaries showing monies coming in and going out, monitoring risks, and reporting on factors likely to affect profitability.
- Attend meetings with clients and advise them on any commercial issues that arise.

EDUCATION

- **University of Ljubljana, Faculty of Civil and Geodetic Engineering**
Msc. Building Information Modelling (Mar 2023 – Present)
- **Universidade do Minho**
Msc. Building Information Modelling (Oct 2022 – Mar 2023)
- **University of Nairobi**
Bsc. Quantity Surveying (2016 – 2021)

Licenses & Certifications

McKinsey Forward Program - McKinsey & Company

Financial Modeling & Valuation Analyst (FMVA)® - Corporate Finance Institute

SKILLS

• 4D Scheduling · 5D cost estimation · 6D · Schema and database development · BEP Preparation · BIM Object creation · Interoperability assessment · Clash detection & coordination · Information management · Project management · Quantity takeoff & Estimation · Contract Administration · BIM Engineering process and the ISO19650

INTERESTS

• Listening to music · Reading · Volunteering · Writing