ABDELFATTAH MOHAMMED ABOULFOUTOH

Project Controls Engineer · Planning & Scheduling · Cost Control & EVM · Contracts & Claims

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EXECUTIVE SUMMARY

Project Controls Engineer with 3+ years of industry experience in planning, cost control, and commercial and contract management across infrastructure, commercial, hospitality and industrial projects in Egypt, with a combined portfolio of over EGP 12 billion and USD 106 million. Currently Projects Control Engineer at Paragon Development, covering baseline validation, schedule and cost performance, EVM and forecasting, cash flow and claims evaluation across projects. Previously part of the Owner's in-house PMC team at El-Sewedy Wings (c. EGP 9B Porto Ghaleb resort) and a project controls engineer and acting Associate Site Manager at PGESCO. Deep working knowledge of Primavera P6, Oracle Unifier, Power BI, FIDIC contract administration and EVM. MSc in Project Management (LJMU, dissertation graded Distinction) and IEEE-published researcher in AI-driven construction decision-making.

CORE COMPETENCIES

Project Controls & Planning: Primavera P6 · Baseline Validation · Integrated Master Schedules · Critical Path Analysis · Schedule Variance Reporting

Cost Management & EVM: Cost Estimates & Budgets · Control Accounts · Cash Flow & Commitments · Earned Value Management · SPI/CPI · ETC/EAC Forecasting

Contract & Risk Management: FIDIC (Red/Yellow/Silver) · Time & Cost Claims Evaluation · Variation Management · Invoice Review (BOQ) · Risk Registers

Reporting & Business Intelligence: Oracle Primavera Unifier · Oracle ERP · Power BI · Tableau · Excel Power Query · SQL

Digital & Emerging Tech: AI in Construction · Digital Twin Concepts · BIM Awareness · Python · VBA · AutoCAD

Coordination & Reporting: Executive Reporting · Owner-Side PMC · Cross-Department Coordination · Stakeholder Engagement · Procurement Support

PROFESSIONAL EXPERIENCE

Projects Control Engineer

Nov 2026 – Present

Paragon Development · Egypt

- Review and validate project baselines (schedule, milestones) and prepare integrated master schedules for multi-phase and multi-project programmes.
- Monitor schedule performance across projects, report variances, and coordinate schedule integration across programmes.
- Review invoices from contractors, suppliers and service providers, maintaining records aligned with contracts, BOQs and project budgets.
- Prepare cost estimates, budgets and control accounts; monitor and report cost performance (budget vs. actuals); implement cost control procedures and systems.
- Provide earned value management (EVM) analysis and cost forecasting.
- Prepare and analyse project cash flows, commitments and expenditures; reconcile payment requests against released amounts with the accounting team.
- Support procurement with budget alignment and cost validation.
- Perform time and cost claims evaluation and analysis.
- Report financial risks and track their mitigation; validate project data for reliability and produce reporting across all projects to support project reviews and executive reporting; coordinate between departments as needed.

Corporate Project Controls Engineer

Aug 2026 – Nov 2026

El-Sewedy Holding · posted to El-Sewedy Wings (hotel investment) · Owner-side in-house PMC team

Project: Porto Ghaleb Resort, Marsa Alam · Contract Value: c. EGP 9 Billion

- Planned and scheduled as part of the in-house PMC team representing the Owner: reviewed contractor-submitted programmes and tracked progress against baseline.
- Reviewed contractor invoices and prepared commercial reports for management on a c. EGP 9B resort development.
- Reviewed and followed up on tendering packages; supported contractual work and correspondence, with involvement in risk and cost tracking.
- Built a suite of project controls templates (schedule narratives, daily and weekly reports, package checklists) and produced Phase 1 status reporting for senior management.

Associate Site Manager (Acting) & Project Controls Engineer *Oct 2024 – Jul 2026*

PGESCO – Project Management Consultancy · Egypt

▶ Luxor Strategic Warehouse — Associate Site Manager | Aug 2025 – Jul 2026

Contract Value: EGP 1.5+ Billion · Multi-contractor complex

Client: ITDA via Hassan Allam Utilities (HAU/HASWL) / A.P. Moller · Owner Consultant: Military Technical College (MTC)

Contractors: Hassan Allam Construction, El Zamil, Link Misr, OTRAC

- Led day-to-day site operations across a multi-contractor EGP 1.5B+ warehouse complex, coordinating engineering teams, construction activities and four contractor organisations.
- Conducted QA/QC inspections on steel structures and civil works; enforced design specification compliance and resolved NCRs.
- Drove contractor and subcontractor coordination meetings, keeping programme alignment and resolving site conflicts early.

▶ Luxor Strategic Warehouse — Project Controls Engineer | Dec 2024 – Jul 2025

- Controlled the Primavera P6 baseline schedule and cost baseline; produced deviation analysis and corrective action reports presented weekly to the PM and employer.
- Administered FIDIC contract requirements; independently analysed and processed claims and variation orders submitted by HAC.
- Delivered daily, weekly and monthly progress reports to ITDA and PGESCO management; developed executive dashboards for employer visibility.

▶ East Cairo Flex Park (ECLP) — Project Controls Engineer | Oct 2024 – Feb 2025

Contract Value: EGP 2.2 Billion · Tenants: Amazon, PepsiCo, Jumia, Ibn Sinai, Haier

Client: Hassan Allam Utilities / Agility / A.P. Moller · Contractor: Hassan Allam Construction (HAC)

- Monitored schedule and cost baseline across procurement, engineering and construction using Primavera P6 and Oracle Primavera Unifier.
- Built Power BI executive dashboards for real-time reporting to the employer (HAU) and PGESCO leadership, cutting report preparation time.
- Led multi-stakeholder alignment sessions with employer, contractor and tenants on scope, contract obligations and programme milestones.
- Enforced FIDIC requirements; tracked and processed contractual claims and variations in Oracle ERP.

Project Controls Engineer *May 2024 – Oct 2024*

Rowad Modern Engineering (RME) · Damietta, Egypt

Project: Damietta Port Container Terminal – Infrastructure & Buildings | USD 106 Million

Client: Damietta Alliance Container Terminal (DACT) · Engineer: Inros Lackner & HA Consultants

- Independently developed the project baseline schedule and cost baseline from scratch before ground-breaking, the primary controls deliverable establishing the performance measurement baseline.
- Tracked progress using Primavera P6, Oracle Primavera Unifier and Oracle ERP; produced daily and monthly site progress reports with variance analysis.
- Supported the PM in developing project execution plans; monitored procurement and engineering deliverables against programme.

Junior Site Engineer *Jul 2022 – Oct 2022*

Hassan Allam Construction & Consolidated Contractors Company JV · New Cairo, Egypt

Project: Cairo Festival City Mall Expansion (EGP 2B) · Client: Al-Futtaim Group · Engineer: EHAF

- Supervised finishing works (blockwork, plastering, flooring, cladding), excavation and concrete pouring; first exposure to international client standards and contractor QA processes.

EDUCATION

MSc, Project Management — Liverpool John Moores University, UK *2024 – 2026*

- Dissertation: "AI and Building Measurement System Integration for Detailed Project Management in Construction" — Grade: Distinction
- Overall: Merit · Part-time / Distance Learning (UNICAF Scholarship)
- 2nd paper submitted for publication: "An AI-Integrated Building Measurement Framework for Enhancing Material Quality Control" — Case Studies in Construction Materials (under review)

BSc, Civil Engineering (Structural) — German University in Cairo, Egypt *2017 – 2022*

- Thesis: "Comparison Between Structural Systems for an Elevated Monorail" — AI decision-support tool developed · Grade: A+ (Excellent)
- Cumulative Grade: Good · Major: Structural Engineering

- Honour: 1st Place, ASCE GUC Eco-Concrete Design Competition (2019)
- IGCSE: A* in Chemistry, Mathematics & Physics — Cambridge International Examinations (2015)

PUBLICATIONS & RESEARCH

[1] Aboulfoutoh, A.M. et al. (2023). "Advancement of Decision-Making in Structural Design Through Optimization for Monorail Girder Design." *IEEE Smart Cities Journal / Smart Cities Conference 4.0. DOI via ResearchGate.*

[2] Aboulfoutoh, A.M. et al. (2026, under review). "An AI-Integrated Building Measurement Framework for Enhancing Material Quality Control and Execution Accuracy in Construction Projects." *Case Studies in Construction Materials (Elsevier).*

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- Primavera P6 Professional — Oracle, Sep 2026
- Contracts for Engineers (FIDIC) — BIMarabia, Dec 2024
- Planning & Controlling Workshop (Primavera P6) — HA Management, Nov 2024
- Lean Six Sigma White Belt (LSSWBPC) — Certiprof, 2023
- Generative AI Overview for Project Managers — PMI, 2023 · Agile & Waterfall PM Fundamentals — PMI, 2023
- AutoCAD User Certification — Autodesk, 2019

ADDITIONAL INFORMATION

Languages: Arabic (Native) · English (Bilingual / Full Professional) · German (Elementary)

Status: Egyptian · Military Service Completed (Mar 2024) · Egyptian Driving Licence · Passport Available

References available upon request