

HISHAM ASHRAF HEFNAWY

Cost Control / Project Control Engineer | Civil Engineer

Location: Al Khobar, Saudi Arabia

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PROFESSIONAL SUMMARY

Result-driven Cost Control Engineer with over five years of specialized experience in project cost management, budgeting, forecasting, and performance monitoring across major infrastructure and high-rise developments in Saudi Arabia and Egypt. PMP certified, with extensive expertise in managing the complete cost control cycle, encompassing cost tracking, Cost to Complete (CTC) analysis, schedule assessment, and Earned Value Management (EVM). Proficient in developing and maintaining project schedules using Primavera P6, integrating cost and performance data to support accurate forecasting and strategic decision-making. Based in Saudi Arabia with transferable residency, committed to optimizing project cost efficiency, enhancing schedule adherence, and ensuring robust financial control throughout all project phases.

Core Focus Areas: Cost Control | Budgeting | Forecasting | Schedule Analysis | EVM | SAP/Oracle/Xpedeon

CORE COMPETENCIES

- **Project Controls:** Budgeting & Forecasting, Earned Value Management (EVM), Critical Path Method (CPM), Cost Estimation, Delay Analysis, Estimate at Completion (EAC)
- **Commercial & Quantity Surveying:** Quantity Take-off, BOQ Verification, Interim Payment Certificates (IPCs), Variation Order (VO) Management, Claims Entitlement Analysis
- **BIM & Digital Engineering:** 3D Modeling (Revit Structure), Clash Detection (Navisworks), Autodesk Construction Cloud (ACC), BIM Execution Planning
- **Site & Resource Management:** Resource Histograms, Productivity Analysis, Material Procurement Control, Subcontractor Invoicing Systems, Crew System Management

TECHNICAL SKILLS

- **ERP & Cost Systems:** Xpedeon (Proficient), Odoo (Proficient), SAP (PS/CO), Oracle E-Business Suite (Operational User)
- **Planning & Scheduling:** Primavera P6 (Advanced), MS Project
- **BIM & CAD Software:** Autodesk Revit Structure, Navisworks Manage, AutoCAD
- **Data Analysis & Reporting:** Advanced Excel (Cash Flow, Dashboards, Forecasting), Microsoft Power BI

PROFESSIONAL EXPERIENCE

MAS Engineering and Construction Company Ltd. | Saudi Arabia

Cost Control Engineer | Nov 2025 – Present

Project: Prime Business Resort – Mawan Real Estate Company | **Total Contract Value:** SAR 823,474,940

- Lead monthly cost reporting and forecasting using Xpedeon, accurately tracking actual costs, commitments, and variances.
- Prepare and maintain Cost to Complete (CTC) reports, ensuring full alignment with project budgets, schedule milestones, and financial targets.
- Develop and monitor construction budgets, forecasts, and Earned Value (EV) to measure project performance and progress.
- Track and manage SWO, LWO, MPO, and Stock Ledger, ensuring all procurement, material, and labor costs are accurately captured and classified.
- Implement Crew System management, allocating labor efficiently based on skill, trade, and site priorities to optimize productivity and resource utilization.
- Conduct EVM analysis and schedule monitoring, supporting project management in risk mitigation and critical decision-making.

- Oversee subcontractor payment processes, including verification of work, progress certificates, and alignment with approved quantities and contract terms.
- Monitor preliminaries and indirect costs, identifying deviations, implementing corrective actions, and safeguarding project profitability.

Abdullah Ghanem Al-Dosari Company (AGD) | Saudi Arabia**Project Control Engineer | Nov 2024 – Nov 2025****Projects:** Aramco Stadium (Saudi Aramco) & Dar Al Hijrah - Package 2 (Rua Al-Madinah Holding)

- Developed and maintained integrated project schedules using Primavera P6, including baseline and recovery plans.
- Led monthly cost reporting cycle (MCR), tracking actual costs, commitments, and variances; provided accurate EAC forecasts.
- Managed Quantity Surveying (QS) functions, including take-offs, BOQ verification, and preparation/certification of IPCs.
- Conducted claims and variation management, preparing entitlement analyses and supporting documentation.
- Developed manpower histograms for 300+ laborers, optimizing crew allocation and reducing idle time.
- Monitored preliminaries and indirect costs, identifying deviations and implementing corrective actions to protect project margins.

EDGE Engineering Specialized Works (SIAC Holding Group) | Egypt**Project Control Engineer | Jan 2023 – Nov 2024****Project:** Alamein Towers (LD07 & LD04) – Luxury Twin Towers (175,000 sqm)

- Managed high-rise schedule updates and progress monitoring using Primavera P6, identifying critical path slippages and formulating mitigation strategies.
- Established a subcontractor invoicing system linking WIRs to payment certificates, ensuring only verified, quality-approved work was paid.
- Conducted productivity analysis for site crews, establishing performance benchmarks to improve overall efficiency.
- Updated project budgets monthly and analyzed material purchase orders against budgets to prevent overruns.
- Performed quantity surveys and material reconciliations to support accurate client billing and cost estimation.

4b Contracting Company | Egypt**Civil Site Engineer | Jan 2022 – Jan 2023****Projects:** The Grand Egyptian Museum, Ain Shams University & New Capital Bus Station

- Directed daily construction activities, ensuring compliance with shop drawings, technical specifications, and safety standards.
- Managed technical submittals, including structural shop drawings, material submissions, and subcontractor prequalification.
- Initiated and tracked WIRs and RFIs, ensuring compliance with quality standards and consultant approvals.
- Coordinated material procurement requests based on BOQ requirements, ensuring timely delivery to avoid site stoppages.

EDUCATION**Bachelor of Science in Civil Engineering (Structural Department)**

Suez Canal University, Egypt | June 2021

- Cumulative Grade: Good (C+) | GPA: 2.32
 - Graduation Project: Materials Engineering | Grade: Excellent (A) / GPA: 4.00
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CERTIFICATIONS & TRAINING

- **Project Management Professional (PMP)** – Certified 
 - Professional Planning Engineer (PPE) – Certified by Planning Engineer FZE 
 - Structural BIM Diploma (300 Hours) – KAITECH (Revit, Navisworks, BIM Workflow) 
 - Cost Control Workshop – HA Management 
 - Quality Control & Management Systems – QCCS 
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PERSONAL DETAILS

- Date of Birth: 08-08-1998
 - Nationality: Egyptian
 - Visa Status: Transferable Residency (KSA)
 - Driving License: Valid Saudi Driving License
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KEY PROJECT STAKEHOLDERS (Clients & Consultants)

- Saudi Aramco Arabian Oil Company (Client - KSA)
 - Rua Al-Madinah Holding (Client - KSA)
 - Dar Al-Handasah (Dar Consultant) (Consultant - KSA)
 - Saudi Consulting Services (SAUD CONSULT) (Consultant - KSA)
 - Engineering Consultants Group (ECG) (Consultant - Egypt)
 - ACE Consulting Engineers (Moharram Bakhoun) (Consultant - Egypt)
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