

# Mohanasundaran Jayachandiran

PROJECT COORDINATOR/ESTIMATOR - Project Management, Estimation, & Scheduling

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## SKILLS

- **Design Tools:** AutoCAD, Bluebeam, Revit, SketchUp, ArchiCAD - proficient and detail-oriented.
- **Project Management:** Microsoft Project & planning, Schedule Management, Cost Estimation, ERP Tools.
- **Productivity:** Excel (Advanced), Presentation Software, SharePoint, Outlook, Google Workspace, DocuSign.
- **Documentation:** Project Documentation, Quality Control, Compliance Reporting, Safety Documentation.
- **Issue Resolution:** Troubleshooting, Process Optimization, Risk Management, Operational Strategy Execution.

## WORK EXPERIENCE

### Project Coordinator/Estimator

September 2018 – June 2023

EMCO QATAR

*Qatar*

- Directed project lifecycle from planning to delivery, managing multi-disciplinary teams and subcontractors, and Primavera P6 for real-time progress tracking, and monitoring, resulting in a 30% increase in project efficiency.
- Applied cost estimation techniques such as quantity take-offs, parametric estimation, and risk-based forecasting to determine accurate cost projections for projects valued at up to \$21M, improving budget accuracy by 15%.
- Coordinated project risk assessments, utilizing risk matrices and qualitative risk analysis to identify potential bottlenecks, resulting in a 20% decrease in project delays and a 25% improvement in risk mitigation strategies.
- Conducted site inspections, enforcing safety protocols, compliance with OSHA standards, and implementing safety audits, hazard identification, risk assessments, and corrective actions, reducing on-site incidents by 40%.
- Applied value engineering principles and EVM techniques, like critical path method (CPM) and work breakdown structure (WBS), achieving milestones on time, contributing to a 10% reduction in overall project costs.

## PROJECT

### Renovation of Cafeteria in Qatar National Convention Center

*Project Coordinator/Estimator*

- Managed a \$4.5 million renovation project, delivered within 4 weeks under FIFA 2022 security protocols, applying CPM scheduling, resource leveling, scope validation, risk management strategies, and quality assurance protocols.
- Coordinated subcontractors, procurement workflows, material tracking, on-site logistics, and manpower allocation to maintain workflow continuity, and execute real-time issue resolution through stakeholder meetings.
- Applied value engineering methodologies to optimize finishes, material specifications, HVAC integration, and sustainability compliance, ensuring cost-efficiency and alignment with architectural and structural design intent.

### Extension of the Civil Defense Building

*Project Coordinator*

- Facilitated a \$5 million extension project during pandemic constraints, managing comprehensive risk mitigation plans, and change order management processes to minimize disruptions and ensure on-time delivery efficiency.
- Monitored contractor adherence to QA/QC standards, HSE guidelines, and technical submittals, securing client commendation and achieving zero reportable incidents through continuous inspections and corrective actions.
- Streamlined reporting processes, documentation control, project deliverable logs, progress measurement systems, and risk assessment frameworks to enhance project visibility, resource management, and compliance audits.

### Renovation and Fit-Out of IVF Lab in Sidra Hospital

*Project Coordinator*

- Operated a \$21 million lab renovation aligned with hospital operational standards, infection control protocols, biomedical equipment coordination, laboratory cleanroom requirements, and regulatory compliance standards.
- Negotiated vendor contracts, achieving 5% cost savings through optimized procurement strategies, supplier pre-qualification, competitive tender analysis, value-driven performance evaluations, and delivery schedule alignment.
- Processed complex fit-out works, MEP system commissioning, BMS coordination, testing and balancing, and stakeholder collaboration to ensure seamless integration with hospital infrastructure and patient care services.

## EDUCATION

### Graduate Certificate in Construction Project Management

*Canadore College, Ontario*

September 2024 – April 2025

### Graduate Certificate in Project Management

*Canadore College, Ontario*

September 2023 – April 2024

### Bachelor of Technology in Civil Engineering

*Pondicherry University, India*

May 2014 – May 2018