

Mostafa Farghly

Bridges Technical Engineer



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PROFESSIONAL SUMMARY

Result-driven Bridges Technical Engineer with 9 years of progressive experience in **bridge construction, technical office leadership, and structural supervision** across large-scale infrastructure projects, specialized in the **preparation and review of method statements, RFIs, technical submittals, and shop drawings**, with expertise in **post-tensioning and MSE walls**.

Adept in **resolving design conflicts, coordinating with consultants**, and maintaining full **contract compliance** through technical documentation, **change order processing, project controls, and progress / technical reporting**

Expertise in ensuring **QA/QC protocols** across complex structural works, providing **guidance to technical teams, coordinating with stakeholders**, delivering **comprehensive as-built documentation** for record-keeping.

My commitment to 100% **compliance with contract requirements** drives every project to successful completion, including **timely handover of deliverables**.

PROFESSIONAL EXPERIENCE

Technical Office Team Leader **12/2023 - Present**
(Orascom, Hassan Allam, ROWAD and NEOM) Joint Venture **Tripoli, Libya**

Tripoli Third Ring Road (24 km, 10 interchanges, 4 viaducts, 5 underpasses and 9 footbridges) - \$890M project

Senior Technical Office Engineer **01/2021 – 12/2023**
Hassan Allam Roads & Bridges **Cairo, Egypt**

- Ring Road Extension – Warraq Nile Bridge (2300m bridge, with 1000m cantilever-carriage system crossing the Nile) - \$120M project

- Gehan El-Sadat Corridor – Ahmed Saeed St. Bridge (1400m double-level bridge, 40 axes) - \$95M project

Technical Office Engineer **01/2019 – 01/2021**
Hassan Allam Roads & Bridges **Cairo, Egypt**

Projects

- El Fardous Bridge – Salah Salem (600m bridge, 2 loops, 17 axes)
- El-Geish Bridge Expansion (Kilo 4.50 Bridge) (600m bridge)
- El Matarya Sq. Bridge (1km bridge + 2 ramps)
- El Tayaran St. Bridge Project (580m bridge, 22 axes)

Site Engineer **12/2017 – 01/2019**
Hassan Allam Roads & Bridges **Cairo, Egypt**

Ismailia Bridge (2km, 85 axes)

Site Consultant Engineer **12/2017 – 01/2019**
Egyptian Armed Forces Engineering Authority **Cairo, Egypt**

Sharm El-Sheikh New Coastal Road

EDUCATION

MENOUFIA UNIVERSITY **Menoufia, Egypt**

Bachelor of Engineering, Major in Civil Engineering **09/2011 – 06/2016**

Cumulative Grade: Good

Graduation Project: Using FRP in Concrete Repairing & Strengthening (Grade: Excellent)

CERTIFICATIONS

- **Project Management Professional (PMP) – PMI (Exam scheduled for May 2025)**
- **BIM for Infrastructure Engineers – Autodesk (Expected Q4 2025)**

INTERNSHIPS & TRAINING EXPERIENCE

INTERN **08/2013 – 09/2013**
Nasr General Contracting (Hassan Mohammed Allam) **Cairo, Egypt**

- Assisted in site supervision, rebar checking, and early-stage QA/QC processes.

INTERN **08/2014 – 09/2014**
Nasr General Contracting (Hassan Mohammed Allam) **Cairo, Egypt**

- Gained hands-on experience in structural design and site operations.

INTERN **08/2015 – 09/2015**
Al-Eman Consulting Office **Cairo, Egypt**

- Mentored by engineers to perform structural inspections, formwork checks, and office-based design review.

SKILLS

HARD SKILLS

- Design Squad Leadership & Coordination
- As-Built Documentation Systems & Records Management
- Bridge Construction Methods of Statements (MOS), Post-Tensioning Techniques and MSE walls
- Contract Compliance, Technical Specification and Project Documentations Interpretation
- Progress Tracking / Reporting (Daily, Weekly, Monthly) to keep Projects Timelines
- Technical Documentation & Records Management
- Coordination and management of suppliers for bearings, expansion joints, and post-tensioning systems
- RFIs, Submittals, Change Order Documentation
- Project Controls, BOQs, Quantity Surveying
- Contractual & Specification Compliance
- Cost Estimation, Procurement Coordination
- Design-Build Project Experience

SOFT SKILLS / MANAGEMENT SKILLS

- Team Members Leadership
- Excellent Communication and Interpersonal Skills for Effective Collaboration with Diverse Teams
- Technical Issues Problem-Solving & Decision-Making
- Stakeholder Communication & Management
- Ability to work in a fast-paced environment and adapt to changing project requirements
- Computer Literate including proficiency with computer software relevant to structural engineering

TECHNICAL PROFICIENCY

- AutoCAD, Revit, AutoCAD Structural Detailing (ASD) (Proficient)
- AutoCAD Civil 3D (Intermediate)
- Primavera P6 (Intermediate)
- MS Office Suite (Excel, Word, PowerPoint, Outlook) (Proficient)

LANGUAGES

- Arabic: Mother Tongue
- English: Excellent (Reading, Writing and Conversation)