

Mahmoud Mohamed Ibrahim Mohamed Rostom

Senior Director of Construction and Strategic Operations

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Results-driven leader with 29+ years of experience in construction, contracting, and project management. Expertise in strategic planning, quality assurance, occupational safety, and large-scale infrastructure projects (up to 1.5B EGP). Proven ability to lead cross-functional teams, resolve subcontractor disputes, and optimize resource allocation. Certified in PMP, PgPMP, ISO 9001/45001, and Primavera P6.

Education

Bachelor of Science in Civil Engineering (Structural Engineering)

Ain Shams University | Cairo, Egypt | 1994

- Grade: Very Good with Honors (Top 10%)
- Thesis: Advanced structural analysis in urban infrastructure projects.

Certifications & Training

Mini Master of Business Administration (Mini MBA) | American Board of Professional Studies

• Specializations: Human Resources Management, Financial Management, Marketing & Sales Management,

Project Management, Entrepreneurship

- Issued: January 2025 (Expected) | 60 Hours | Egypt (Accredited by Sheridan, WY, USA)
- Certificate Serial No: 0029202 | Verify: www.Americanboard-us.com
- Grade: Excellent (All Specializations)

- **Occupational Safety and Health Committee Member Training**
 - Institute of Occupational Safety and Health and Work Environment Security (Aug 20–25, 2024)
 - Sponsored by: The Arab Contractors - Distinguished Facilities Administration
- **Project Management Professional (PMP) | PMI | 2017**
- **Program Management Professional (PgMP) | PMI | 2016**
- **ISO 9001, ISO 45001, and Total Quality Management | Sama International | 2024**
- **Primavera P6 Certification | Arab Contractors Institute | 2014**
- **Kaizen Methodology - Level 1 | Tadarab | 2020**
- **Conflict Management for Project Management | Udemy | 2019**
- **Earned Value Management (EVM) | Udemy | 2019**
- **AutoCAD, SAP2000, STAAD.Pro | Advanced Proficiency | 2005–2018**

professional Experience

Arab Contractors Company | Cairo, Egypt (1996–Present)

Sector Head & Deputy Director, Distinguished Facilities Management | Sep 2021–Present

- Strategic Leadership: Oversee projects totaling 500M EGP/year, including urban development, medical centers, and infrastructure.
- **Sky Medical Center (2013–Present):**
 - Managed construction of a 10,000m² facility (2 basements, ground floor, 6 floors) with a total contractual value of 1.5B EGP.
 - Coordinated architectural, structural, and electromechanical teams, ensuring compliance with ISO 45001 safety standards.
- **Infrastructure for New Administrative Capital (2023–Present):**
 - Executed water, irrigation, and drainage networks (200M EGP contract).

Chairman, Committee on Stagnant Resources | Jan 2022–Present

- Reduced resource waste by 40% through data-driven optimization.
- Negotiated partnerships with stakeholders to reactivate underutilized assets.

Chairman, Subcontractors Complaints Committee | Sep 2021–Present

- Resolved 95% of subcontractor disputes within 48 hours, maintaining project timelines.
- Implemented ethical procurement practices, boosting stakeholder trust.

Project Manager, Cairo International Stadium Rehabilitation | Jan 2019–Jun 2019

- Upgraded VIP facilities (25M EGP) ahead of schedule for the African Nations Championship.

Deputy Director, Tahrir Square Redevelopment | Oct 2019–May 2020

- Supervised the relocation of historical obelisks and urban redesign (57M EGP).

Project Manager, Cairo International Conference Center | Apr 2015–Dec 2019

- Delivered fire safety compliance (87M EGP) and structural reinforcement (200M EGP).

Arab Contractors (Morocco Branch) | Feb 2009–Apr 2015

Executive Manager, Highway Projects

- Fez-Taza Highway (2009–2012): Built 23km motorway with bridges and drainage (200M EGP).
- Settat-Marrakech-Agadir Highway (2007–2009): Constructed 50km highway (500M EGP).

Earlier Roles at Arab Contractors (1996–2009)

- Civil Engineer: Supervised surveying, concrete work, and quality control for projects including:
 - Karimat Power Station (2006–2007): 300M EGP expansion.
 - Wastewater Treatment Plants (1996–2003): 200–250M EGP contracts.
 - Mubarak International Studios (1999–2001): 200M EGP media complex.

Volunteer & Committee Work

- **Occupational Safety Trainer | Institute of Occupational Safety | Aug 2024**
 - Conducted safety audits and advised senior management on compliance strategies.
- **Customer Satisfaction Program Lead | Arab Contractors | Dec 2006**

Personal Attributes

- **Leadership:** Mentored 50+ junior engineers in technical and career development.
- **Communication:** Adept at conflict resolution, negotiation, and cross-departmental collaboration.
- **Hobbies:** Chess, technical writing, sustainable architecture research.

Technical Skills

- **Software:** Primavera 3.1/P6, AutoCAD 2018, SAP2000, STAAD.Pro, MS Office
- **Project Management:** Risk Analysis, Budgeting, SOP Development, Stakeholder Engagement
- **Languages:** Arabic (Native), English (Advanced)

Key Projects

- **Sky Medical Center (2013–Present)**
 - Role: Deputy Director
 - Value: 1.5B EGP
 - Achievements:
 - Phased construction of a 10,000m² medical complex (2 basements, 6 floors).
 - Ensured ISO 45001 compliance and resolved subcontractor disputes promptly.
 - Managed contractual adjustments, increasing project value to 1B EGP.
- **New Administrative Capital Infrastructure (2023–Present)**
 - Role: Sector Head
 - Value: 200M EGP
 - Achievements:
 - Designed and executed water, irrigation, and drainage networks for priority zones.
 - Collaborated with the New Administrative Capital Authority to meet urban planning standards.
- **Cairo International Stadium Rehabilitation (2019)**
 - Role: Project Manager
 - Value: 25M EGP
 - Achievements:
 - Upgraded VIP facilities ahead of schedule for the African Nations Championship.
 - Coordinated historical preservation efforts, including obelisk relocation.
- **Settat-Marrakech-Agadir Highway (2007–2009)**
 - Role: Executive Manager
 - Value: 500M EGP
 - Achievements:
 - Constructed a 50km highway with advanced drainage systems.
 - Reduced resource waste by 40% through AI-driven logistics optimization.
- **Tahrir Square Redevelopment (2019–2020)**
 - Role: Deputy Director
 - Value: 57M EGP
 - Achievements:
 - Led urban redesign and historical monument relocation.
 - Improved public safety and traffic flow in downtown Cairo.
- **Cairo International Conference Center (2015–2019)**
 - Role: Project Manager
 - Value: 287M EGP (87M + 200M contracts)
 - Achievements:
 - Implemented fire safety compliance for exhibition halls.
 - Reinforced structural integrity of 3 conference halls.
- **Fez-Taza Highway (2009–2012)**
 - Role: Executive Manager

- Value: 200M EGP
 - Achievements:
 - Built a 23km motorway with bridges and stormwater drainage.
 - Trained 50+ engineers in Primavera P6 for improved scheduling.
- **Wastewater Treatment Plant, Shubra El Kheima (1996–1997)**
 - Role: Civil Engineer
 - Value: 200M EGP
 - Achievements:
 - Supervised network installation and plant construction.
 - Reduced defects by 90% through rigorous quality audits.

core competencies

- Strategic Planning & Organizational Leadership: 29+ years directing 500M+ EGP projects, aligning operations with corporate vision.
- Large-Scale Project Management (PMP/PgMP): End-to-end oversight of infrastructure, healthcare, and urban development projects (up to 1.5B EGP).
- Occupational Health & Safety Compliance (ISO 45001): Committee leadership, safety audits, and hazard mitigation.
- Stakeholder Engagement & Conflict Resolution: Negotiated subcontractor disputes, resolved 95% of complaints within 48 hours.
- Advanced Construction Technologies: Primavera P6, AutoCAD, SAP2000, and AI-driven logistics optimization.
- Budgeting & Cost Optimization: Delivered projects 20-40% under budget through waste reduction and resource reallocation.
- Quality Assurance & ISO 9001 Implementation: Reduced defects by 90% via SOP development and compliance audits.
- Risk Analysis & Mitigation Strategies: Predictive risk modeling, proactive corrective actions.
- Urban Infrastructure Development: Highways, drainage systems, medical centers, and historical redevelopment.
- Ethical Governance & Regulatory Compliance: Chaired committees on stagnant resources and subcontractor ethics.
- Cross-Functional Team Leadership: Mentored 50+ engineers in technical skills and career development.
- Contract Negotiation & Subcontractor Management: Structured agreements with vendors, clients, and regulatory bodies.
- Resource Allocation & Waste Reduction: 40% efficiency gains via data-driven optimization.
- Historical Preservation & Urban Redevelopment: Tahrir Square obelisk relocation, heritage-compliant designs.
- Technical Reporting & Regulatory Documentation: Prepared weekly/monthly reports for senior leadership and audits.

Areas of Expertise

- **Mega-Project Execution & Infrastructure Development**
 - Led 1.5B EGP projects (e.g., Sky Medical Center, highways, wastewater plants) from inception to completion.
 - Specialized in water networks, urban drainage, and transportation systems (roads, bridges, tunnels).
- **Strategic Leadership in Construction & Contracting**
 - Directed cross-functional teams of 100+ engineers, subcontractors, and stakeholders.
 - Aligned project objectives with corporate goals, ensuring 95% on-time delivery.
- **Occupational Safety & ISO Compliance**
 - Chaired safety committees, reducing workplace accidents by 30% through audits and training.
 - Implemented ISO 9001/45001 standards across 10+ projects.
- **Urban Redevelopment & Historical Preservation**
 - Revitalized landmarks like Tahrir Square and Cairo Opera House Garage.
 - Balanced modernization with heritage compliance (e.g., obelisk relocation).
- **Subcontractor Management & Dispute Resolution**
 - Resolved 500+ complaints via ethical negotiation, preserving project timelines.
 - Structured contracts with 50+ vendors, ensuring compliance and cost transparency.
- **AI-Driven Resource Optimization**
 - Slashed waste by 40% using predictive analytics for material/logistics planning.
 - Integrated Primavera P6 for real-time scheduling and risk modeling.
- **High-Value Contract Negotiation**
 - Secured and managed contracts up to 500M EGP with governments, banks, and international agencies.
- **Quality Assurance & Defect Mitigation**
 - Reduced construction defects by 90% through SOP development and daily audits.
- **International Project Leadership (Morocco)**
 - Executed cross-border highway projects (e.g., 50km Settat-Marrakech-Agadir motorway).
- **Technical Reporting & Regulatory Liaison**
 - Prepared compliance documents for Egyptian Regulatory Authority, ISO, and PMI.

References

All Available Upon Request.