



MUSTAFA HUSSAIN ALNASSER

DIRECTOR – TELECOM-ICT INFRASTRUCTURE, ELV & SMART CITY

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CORE COMPETENCIES

- Project and Program Management Methodologies
- Planning and Consulting Strategy
- Engineering & Design Development
- PMO & Stakeholders Management
- Team Building and Leadership
- Operations strategic Management
- Governance and Project Control
- Quality & Process Compliance
- Vendors and Contracts Management
- Implementation of ICT Telecom Networks, and Systems Integration
- Telecoms Industry “TIA”
- Security Systems Industry “API 780”, and HCIS Standards and Best Practices
- Service Delivery” ITIL” Processes

TRAINING & DEVELOPMENT

- Projects Management Professional - PMP
- Risk Management Professional - RMP
- Engineering Management Methodologies
- Mega Projects Transformation to Basics
- Fundamentals of Primavera P6
- MS Project Professional 2013
- Financial Accounting
- Team Building and Motivation
- Soft Skills Management
- ITIL V3 Foundation – SMME
- MS TCP/IP Internetworking

PROFESSIONAL MEMBERSHIP

- Saudi Council of Engineers - SCE
- Member of IEEE

EDUCATION

King Fahd University of Petroleum and Minerals “KFUPM” – Electrical & Electronics Engineering.

TELECOM & IT CONSULTANT- SME

Mustafa is a Senior Project Lead & Strategic Telecom - ICT Professional with over 20 years of experience in the Telecom-ICT infrastructure, Digitalization, ELV, Smart Services, and Security Systems industries, I have a proven track record in managing high-profile projects for multinational organizations.

My expertise spans program strategy, systems integration, project development, and implementation, ensuring alignment with Saudi Arabia’s Vision 2030, where ICT, Digitalization, and Smart Services are pivotal to economic diversification.

As a Senior Professional Leader in Telecom - ICT, and Smart Systems, I excel in leveraging my strong technical knowledge and business acumen to develop strategies that optimize business growth and meet corporate objectives. I have demonstrated success in leading diverse teams, integrating new technologies, and enhancing efficiencies and quality assurance throughout project lifecycles. My focus is on driving the successful completion of strategic goals while contributing to innovation and long-term business development.

AREAS OF EXPERTISE

Senior Telecom - ICT, Digitalization, and BMS-ELV Project Leader with over 20 years of hands-on experience in Telecom, ICT Infrastructure, Smart Systems, Services, and Engineering Management.

- **Project Leadership:** Successfully led the planning, design, and implementation of complex Telecom – ICT infrastructure, ELV, Industrial Security Systems, and Smart Solutions across diverse sectors, including Industrial Facilities, Data Centers, Security Control Rooms, Residential Camps, and Urban Districts.
- **Stakeholder Engagement:** Built strong relationships with department heads and project/program stakeholders to successfully deliver multi-phase, high-impact projects with a focus on meeting strategic objectives, timelines, and budgets.
- **Strategic Development:** Expert in developing and implementing strategies and business processes that consistently deliver projects within scope, ensuring high-quality outputs and alignment with organizational goals.
- **Team Leadership:** Successfully established and led cross-functional teams of technical engineers in the development of conceptual designs, front-end designs, and detailed ICT infrastructure, Smart Systems, Public Safety, and Industrial Security solutions for mega projects.
- **Business Transformation:** Played a pivotal role in aligning company business needs with strategic objectives, translating corporate strategies into actionable plans that drove operational excellence.
- **Cost Optimization:** Identified and mitigated potential design deficiencies early in project lifecycles, resulting in significant cost savings of several million dollars.
- **Operational Efficiency:** Proven ability to translate organizational strategy into clear, actionable business plans, ensuring the achievement of corporate objectives and driving overall functional success.

WORK EXPERIENCE

Qiddiya Investment Company “QIC”, ICT Head – Resort Core

Qiddiya Investment Company (QIC) is one of the largest real estate projects globally, aimed at creating a world-class entertainment, sports, and culture hub in alignment with Saudi Arabia’s Vision 2030. As ICT Director for Resort Core, overseeing critical assets such as Six

Flags, Water Theme Parks, and the Formula 1 Circuit, I reported directly to the CITO and was responsible for shaping the city's ICT and digital infrastructure strategy. Some of my Key Responsibilities and Achievements including:

- **Strategic ICT Infrastructure Development:** Led the creation of the ICT Digital Infrastructure roadmap, aligning with Qiddiya's City Framework. This included the development of fixed and cellular telecom networks, and data centers.
- **Lifecycle Management:** Defined the ICT infrastructure lifecycle, including digital standardization, and created high-level Basis of Design (BoD), procurement guidelines, and operational plans. These documents served as critical references for delivery partners and contractors.
- **Vendor & Partner Coordination:** Identified and shortlisted vendors, defined product qualifications, and developed a high-level RACI matrix across organizational actors to ensure seamless project execution.
- **Cost Estimation & Implementation Plans:** Developed high-level implementation plans with cost estimates for mobile and fixed networks, security systems, and data centers, in coordination with the Ministry of Communications and Information Technology (MCIT).
- **RFP Development:** Led the creation of RFPs for design and implementation phases across the citywide ICT digital infrastructure, including fiber optics networks and mobile - GSM towers/poles.
- **Collaboration with Telecom Operators:** Worked closely with telecom operators to implement both temporary and permanent telecom solutions, ensuring alignment with business needs.
- **Stakeholder Engagement:** Fostered strong collaboration with asset owners, district leads, city officials, and delivery partners to streamline communication and project execution.

International Maritime Industries "IMI" – IT Engineering & Operations Consultant

IMI is a full-service yard in Ras Al-Khair specializing in the construction, maintenance, and repair of commercial vessels, including VLCCs, Bulk Carriers, Offshore Support Vessels, and Offshore Jack-up Rigs. The yard integrates cutting-edge technologies such as Artificial Intelligence, Biometrics, and the Internet of Things (IoT) to enhance its services and operations. As an IT Engineering & Operations Consultant, I reported directly to the VP of IT and provided expert guidance on the development of IT, Telecom/ELV, and security systems for the shipyard and supporting facilities. Key Responsibilities and Achievements:

- **Technical Expertise & Solutions Development:** Provided high-level technical expertise and strategic guidance in the development and optimization of IT, Telecom, and ELV solutions, as well as security systems services to support business operations.
- **Collaboration & Innovation:** Worked closely with functional heads to identify, develop, and implement innovative technology solutions aimed at maximizing corporate returns and driving digital transformation.
- **Feasibility & Cost Studies:** Led feasibility and cost studies to propose long-term technology solutions, including Artificial Intelligence, advanced computing systems, and related IT services.
- **Bidders Technical Evaluation:** Managed the evaluation of bidders' technical proposals and coordinated the procurement process to ensure the selection of the most suitable technology services.
- **Scope of Work & Budgeting:** Developed comprehensive Scope of Work (SoW) documentation and prepared budgetary estimates for the implementation of new technologies to ensure seamless corporate operations.

- **Sub-contractor Coordination:** Managed and coordinated subcontractors, ensuring high-quality and timely delivery of services and maintaining strong operational continuity.
- **Process Improvement & Recommendations:** Proposed new scopes of action, utilized task forces when necessary, and made strategic recommendations to senior management to drive project success.
- **Training & Mentorship:** Developed and implemented a training program for junior technology professionals, enhancing their knowledge of systems operations and contributing to the development of future talent.

Jacobs, Telecom & IT Consultant – SME

In this role, I was responsible for overseeing Telecom-ICT disciplines, providing project management, and delivering engineering consultancy services for On-Shore Oil & Gas Industrial and Infrastructure projects. The primary goal of the PMS program was to enhance contractor engineering performance and improve the quality of design deliverables, ensuring projects were completed on time, within scope, and on budget. I balanced stakeholder relationship management with technical requirements to successfully deliver complex Telecom-ICT networks, automation and control systems, and smart safety and security systems. Key Responsibilities and Achievements:

- **Project Planning & Execution:** Led overall project planning, cost estimation, quality assurance, and risk management to ensure seamless project delivery and alignment with corporate objectives.
- **Multidisciplinary Team Leadership:** Directed a multidisciplinary design team, including workgroup leaders and subcontractors, ensuring efficient execution of tasks aligned with the company's smart services strategy.
- **Scope Clarification & Design Leadership:** Played a key role in defining project scope and clarifying implementation requirements, leading design development, and resolving technical conflicts to ensure high-quality project deliverables.
- **Project Execution & Governance:** Oversaw project execution and monitored progress through a robust governance and control methodology to ensure adherence to timelines and budget.
- **Quality Improvement Initiatives:** Supported quality improvement within the contractor's Telecom and Security Systems departments, applying best engineering practices to drive enhanced project performance and deliverables.
- **Process Optimization:** Identified opportunities to improve company procedures and developed actionable plans to capitalize on these opportunities, furthering the company's objectives and maximizing client interests.
- **Technical Documentation & Compliance:** Developed and reviewed technical documentation for selecting and implementing advanced Telecom-ICT, Security Systems and Smart Services, ensuring compliance with engineering standards, policies, and best practices.
- **Mentorship & Technical Support:** Provided mentorship and technical guidance to discipline engineers, promoting professional development through a structured mentorship program.

SOFCON – Foster Wheeler JV, Project Manager

In this role, I managed the successful development of Front-End Engineering Design (FEED) packages for complex telecommunications and industrial security systems. The systems covered included fiber optic backbone connectivity, telecom towers (wired and wireless), data networks, SCADA systems, radio communication, TETRA, surveillance systems, ACS-IDAS, face detection, fire alarms, and other industrial and urban security solutions. Key Responsibilities and Achievements:

- **Project Planning & Execution:** Contributed to the development of the Project Administration & Execution Plan, ensuring scope clarifications, quality assurance, risk management, HSE compliance, and project documentation sign-off.

- **Stakeholder Engagement & Relationship Management:** Built strong and collaborative relationships with program stakeholders, ensuring effective monitoring and execution of project design deliverables.
- **Compliance & Standards Adherence:** Ensured strict adherence to Saudi Aramco and industry engineering processes, standards, and procedures, maintaining high-quality deliverables in line with project requirements.
- **Accountability for Deliverables:** Took responsibility for the Telecom-ICT and industrial security systems deliverables, ensuring progress reporting, quality assurance, and customer satisfaction throughout the project lifecycle.
- **Technical Bid Evaluation & Proposal Review:** Conducted detailed technical bid evaluations and proposal reviews for local and international vendors, ensuring that all bids met project and technical specifications.
- **Cross-Team Collaboration:** Coordinated with both in-Kingdom and UK-based project teams to ensure alignment of Telecom - ICT technologies, and security systems with customer requirements and expectations.
- **Execution Oversight:** Monitored execution dependencies and demands, overseeing project activities with stakeholders to ensure seamless delivery of design packages.

Wipro Arabia Ltd, Project Manager

In this role, I managed the end-to-end delivery of fiber optics and copper cabling connectivity solutions “ISP/OSP” for the SADARA Petrochemical Complex, ensuring the smooth execution of both internal and external network infrastructure. I was responsible for the successful preparation of detailed design packages, overseeing the construction phase, and managing the commercial and contractual documentation, as well as supervising contractors’ onsite activities. Key Responsibilities and Achievements:

- **End-to-End Project Management:** Led the full lifecycle of ISP/OSP contract delivery, from detailed design preparation through construction, ensuring the successful implementation of telecom network infrastructure.
- **Collaborative Stakeholder Engagement:** Coordinated with cross-functional teams and project stakeholders to ensure alignment with project goals and corporate IT and non-IT network requirements.
- **Infrastructure Design & Execution:** Delivered detailed designs for telecom networks and oversaw the execution of ISP/OSP infrastructure solutions to support SADARA’s data, voice, process automation, and industrial security systems networks.
- **Contract Management & Supervision:** Managed the commercial aspects of the contract and supervised contractor performance to ensure quality, timeliness, and adherence to scope and budget.

Saudi Arabian Parsons Ltd, Corporate Lead IT – Acting Manager

In this role, I was responsible for provisioning all IT services necessary to support the Project Management and Engineering business operations for both the corporate head office and construction site offices. This included setting up and implementing a corporate data center and coordinating with local contractors and IT suppliers to meet the project’s technical requirements. Key Responsibilities and Achievements:

- **IT Infrastructure Management:** Oversaw the setup and maintenance of corporate data centers, ensuring the availability and reliability of IT services and systems for all office locations.
- **Network Solutions & Connectivity:** Managed the installation, troubleshooting, testing, and provisioning of LAN/WAN infrastructure, internet connectivity solutions, and other networking components to support seamless operations.

- **Vendor & Supplier Coordination:** Liaised with local vendors and authorized suppliers to procure IT and network equipment, including Cisco routers, switches, and Riverbed network monitoring systems, ensuring cost-effective and timely delivery.
- **Technical Support & Issue Resolution:** Provided technical support and resolved IT issues, ensuring 24/7 operational availability of all IT services and minimizing downtime through proactive maintenance and reliable solutions.
- **Cross-functional Collaboration:** Worked closely with the IT Operations and Support teams to ensure smooth deployment and operation of IT infrastructure, contributing to the overall success of the business operations.

WorleyParsons – PECUL, ICT Site Manager

As the ICT Site Manager, I was responsible for overseeing the end-to-end delivery of all ICT services, including data and voice services, for the JCP and NCP Projects. This role involved supervising contractor activities and managing day-to-day ICT system operations, ensuring the efficient performance of both hardware and software for all project management team (PMT) personnel. Key Responsibilities and Achievements:

- **ICT Service Delivery:** Managed the provisioning and ongoing support of data and voice services, ensuring seamless communication and operational continuity for the project team.
- **Contractor Supervision:** Supervised contractors, ensuring work was completed according to project specifications and quality standards, and resolving any issues that arose.
- **Daily Operations Management:** Oversaw daily ICT system operations, including both hardware and software, ensuring consistent service availability and performance for all PMT personnel.
- **Collaboration & Coordination:** Worked closely with internal teams and external contractors to coordinate and integrate ICT systems, ensuring alignment with project goals and requirements.

EMPLOYMENT RECORD

- November 2022 – Present | Qiddiya Investment Company “QIC” | ICT Director – Smart City and Resort Core.
- October 2021 – November 2022 | International Maritime Industries” IMI” | IT Engineering & Operations Consultant.
- November 2016 – August 2021 | Jacobs – Ch2m | Telecom and IT Consultant – SME, Saudi Aramco PMS Program.
- March 2014 – October 2016 | SOFCO – Foster Wheeler JV | Projects Manager – Telecom, Saudi Aramco – Fadhili Gas Plant Program.
- March 2013 – February 2014 | Wipro Arabia Ltd | Projects Manager – SADARA Complex.
- September 2011 – April 2013 | Saudi Arabian Parsons Ltd | Corporate Lead IT – Acting IT Manager.
- 2004– August 2011 | WorleyParsons – PECUL | ICT Site Manager.
- July 1999 – October 2004 | National Commercial Bank – IT Group | Technical Support Service Engineer.