

TAQQAT

A member of the
Abdulla Fouad Group

**YOUR ENERGY
& INDUSTRIAL
SECURITY
DEVELOPMENT
PARTNERS**

www.taqqat.com

TAQQAT PROFILE

INTRODUCTION

TAQQAT Global Co. is a subsidiary of **Abdulla Fouad Group**, one of the pioneer organizations in the Kingdom of Saudi Arabia with over 65 years of untainted service.

TAQQAT Global Co. Ltd. offers its partner companies complete systems solutions in project management, total design capabilities, procurement and testing and commissioning in the following:

- Transmission and distribution projects
- High and medium voltage switchgear
- Turnkey EHV substations (up to 500KV)
- Protection systems and control relay panels
- Conversion simple cycle to combined cycle projects
- Industrial security systems and SCADA



TAQQAT BUSINESS LINES



Substations, Overhead Lines & Underground Cables Turnkey Projects



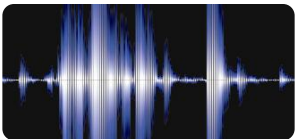
Testing & Commissioning



SCADA Solutions



Power Services



Communications & Sensing Solutions



Advanced Integrated Industrial Security Solutions



SUBSTATIONS, OVERHEAD LINES, UNDERGROUND CABLES TURNKEY PROJECTS



TAQQAT specializing in engineering, designing, supply and installation for the substations requirements including supplying and importing of heavy electrical and mechanical equipment including generator transformer, power & distribution, transformers, Power Factor Correction Systems, Components, Harmonic Filters, Digital Power Analyzers & Monitoring System, DC Power Solution, Protection Relays, HV , MV & LV Switchgear, RMU, MV & LV Motors, Partial Discharge Monitoring Equipment and services including spare parts up to 380kV.

TESTING & COMMISSIONING

- **Testing & Commissioning Services up to 380kV**
- **TAQQAT** comply all requirements to have planned, skilled & coordinated of testing & commissioning at new substations, power plant stations and industrial plants.
- **TAQQAT** Service engineers have wide range of experience in installation, testing & commissioning in Saudi Arabia. Our engineers expertise in the Kingdom includes installation, testing & commissioning of up to 380/230/132/115kV substations.



SCADA SOLUTIONS

TAQQAT offers formidable system solutions where supporting transmission with NetCon-500 solving the huge number of I/Os' and control distributed processes over a wide areas.

The NetCon500 outstation is a versatile, standard based remote terminal unit and control station. NetCon500 is a flexible solution due to hardware modularity and a rich set of software features .

NetCon100 has been developed for the monitoring and control of medium-voltage networks, and the monitoring of low-voltage networks.

TAQQAT with its International Partner (**NET CONTROL , UK**) offering one of the best solutions in the world for extra-high voltage substations, power plants and the grid stations SCADA system.



POWER SERVICES

- Support Clients full requirements. TAQQAT team are offering quick and quality engineering service solutions which translate into measurable benefits.
- Our experienced service-specialists have the know-how to get your equipment back online within the shortest conceivable turnaround times.
- With qualified, professional and experienced engineers and leaders, we made a success. With complete site certified testing equipment, TAQQAT offers high quality and efficient commissioning, maintenance, testing and troubleshooting services to various types of power systems up to 380kV substations.
- TAQQAT shall perform the following Scope of Works (SOW):
 1. Installation , Testing & Commissioning up to 380kV
 2. Troubleshooting, Maintenance & Operation
 3. Design, Engineering & Re-Engineering
 4. Automation & Control
 5. Supply of all LV parts.
 6. Supply & services of Mechanical Parts.
 7. Supply & services of UPS systems & battery management systems
 8. Turnkey Projects Execution
 9. Engineered Packages
 10. Power Plant Refurbishment and Upgrades.



COMMUNICATIONS & SENSING SOLUTIONS

- **Securing Critical Assets Through Distributed Acoustic Sensing**
- **TAQQAT with International Technical Partner** provides comprehensive range of security measures that go beyond conventional protection to embrace cost-effective transformational technology that can monitor and even prevent events before they occur, like nuclear, water, energy power plants and communications facilities.
- **High-Tech Solutions with Real Time Acoustic Sensing**
This real time acoustic sensing can help prevent incidents, monitor performance and guide responses, all of which delivers outcomes at reduced cost. Take for instance the hot-tapping of oil pipelines or theft of rail signaling infrastructure.



ADVANCED INTEGRATED INDUSTRIAL SECURITY SOLUTIONS

- Perimeter Intrusion Detection System (PIDS)
- Integrated Detection & Assessment System (IDAS)
- Advanced CCTV & Access Control Systems (ACS)
- Security Systems Maintenance (Preventive & Corrective)
- Fire Detection & Fire Alarm Systems



QUALITY CERTIFICATES & POLICIES

- **ISO 9001 – 2008**
- **European Society for Quality Research – Gold category**
- **TAQQAT Policy** meets customer requirements by providing; services in accordance to specifications, timely services with clear & accurate data.
- **TAQQAT policy** provides its customers with the highest quality power & industrial security services through clear measurable objectives for each key staff. In addition, each employee must be aware of commitment and active involvement in the quality improvement process.



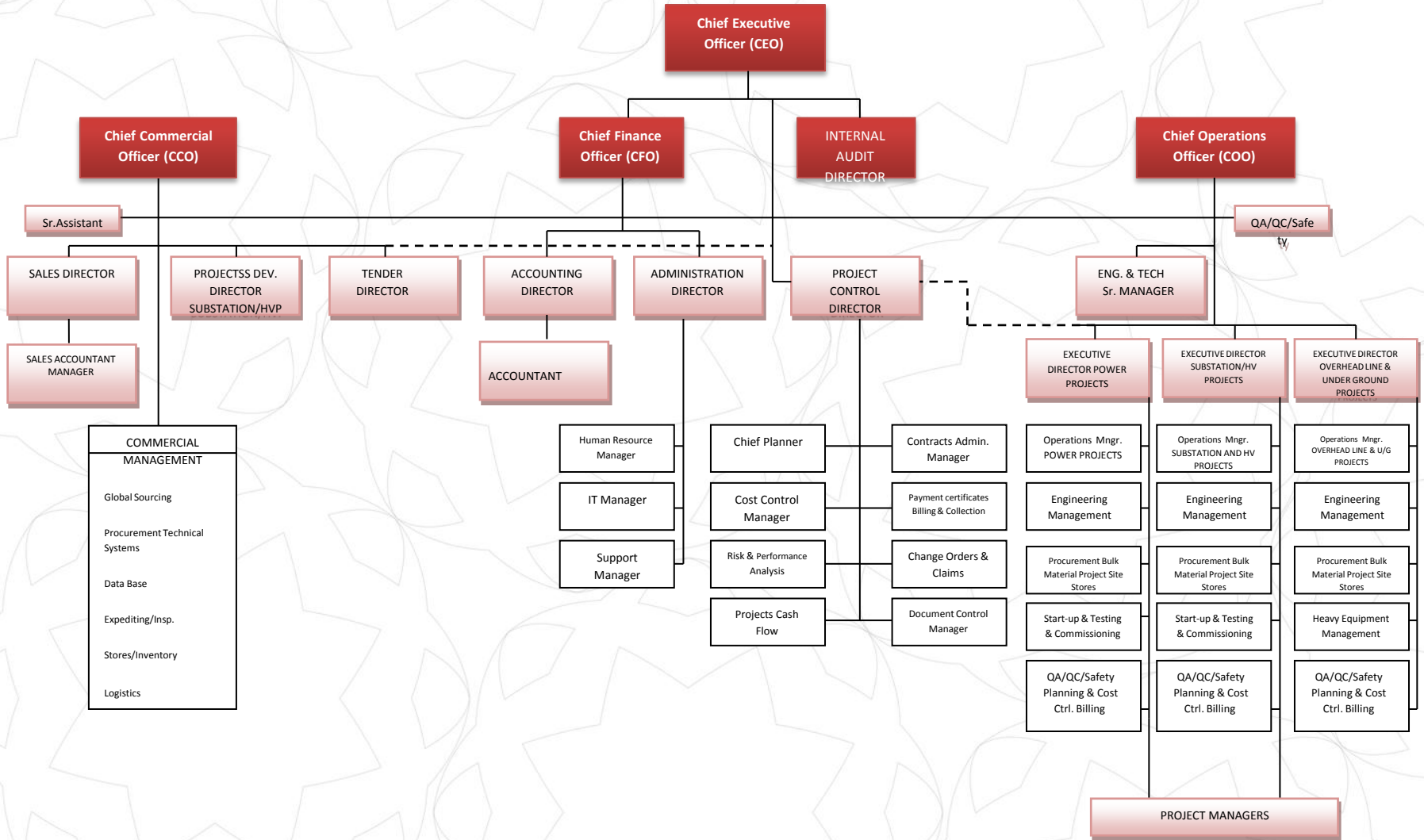
HEALTH & SAFETY POLICY

- **TAQQAT** is committed to protect all its employees, resources, sub-contractor and all other interested parties from human suffering and financial loss resulting from incident by providing and maintain-safe and healthy working conditions through the proactive approach of accident prevention program.
- **TAQQAT** in fulfilling this commitment in its operation and at locations where work is being carried out under its control shall fully comply with all applicable Government Safety Codes and Client Safety requirements.
- **TAQQAT** plan and perform work in accordance with the H & S Management System and ensure that personnel are trained in Health & Safety policy.

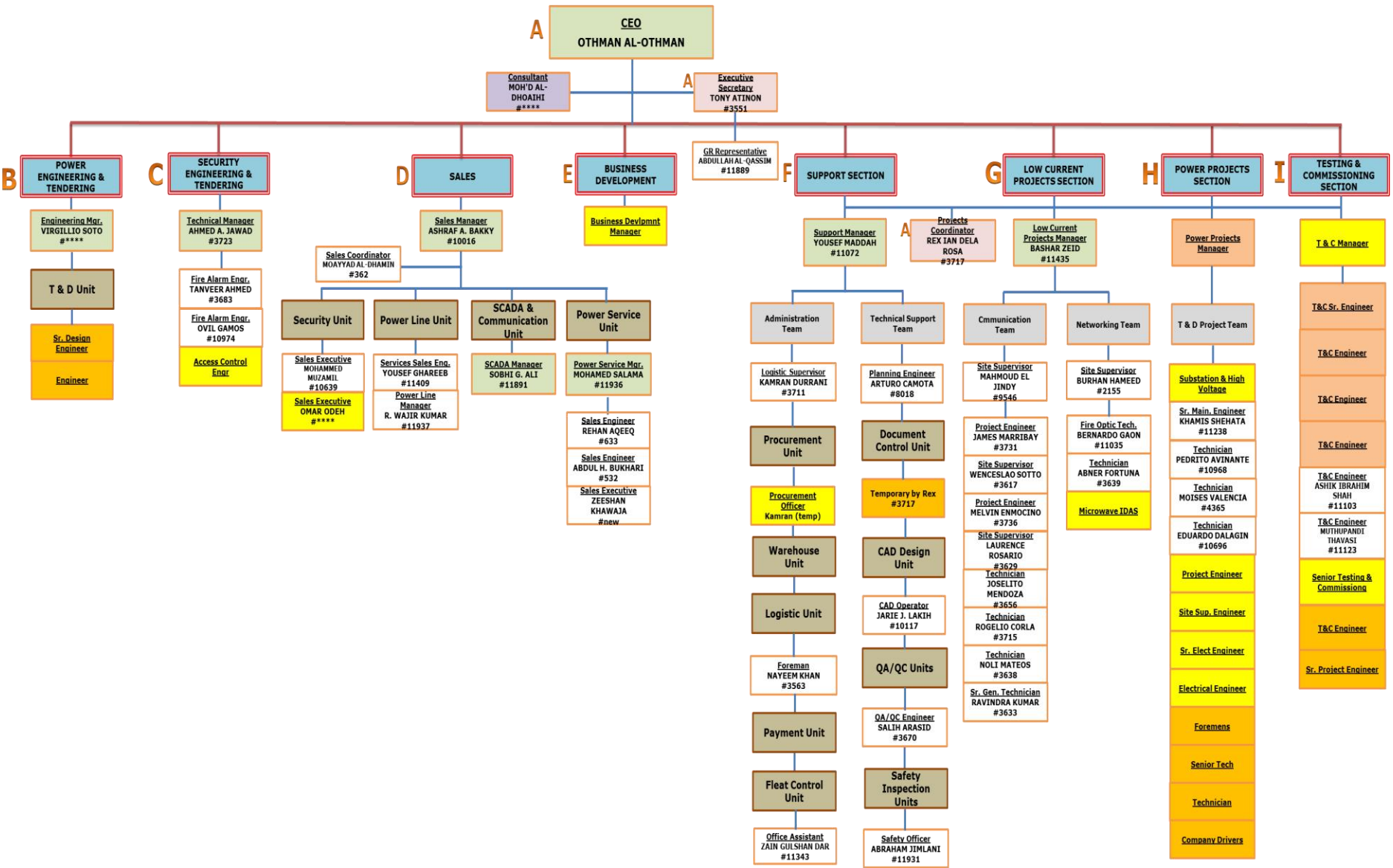


TAQQAT ORGANIZATIONAL CHARTS

Strategic Organization Chart



TAQQAT ORGANIZATIONAL CHARTS

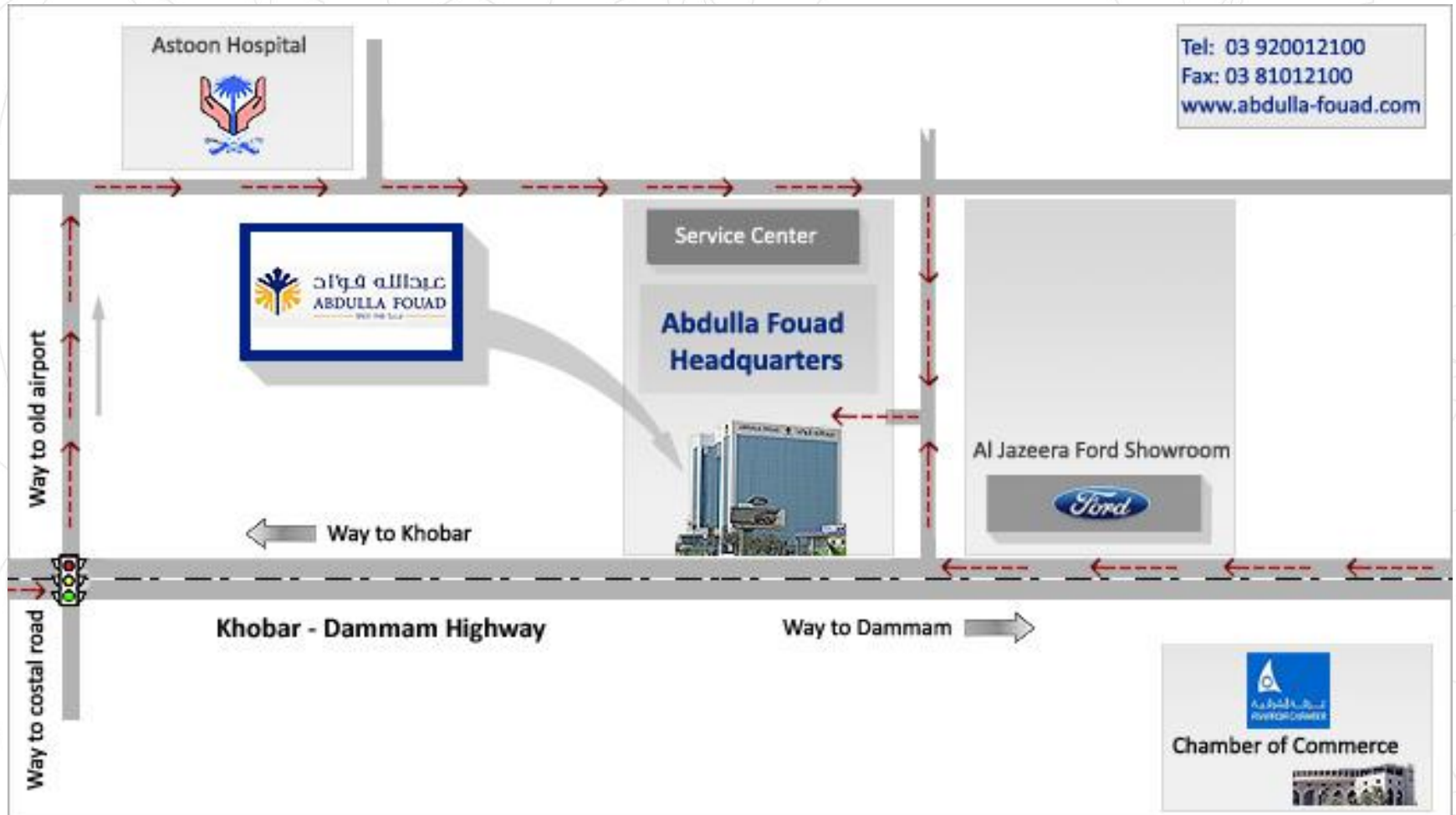


TAQQAT PRESTIGIOUS CLIENTS

- Saudi Electricity Co. (SEC)
- Saudi ARAMCO
- SABIC
- MA'ADEN
- Saline Water Conversion Corp. (SWCC)
- Saudi Railways Organization (SRO)
- Ministry of Defense & Aviation (MODA)
- King Khaled Military City (KKMC)
- Ministry of National Guard
- Kuwait Joint Operations (KJO)
- Ministry of Health (MOH)
- Ministry of Interior (MOI)
- King Abdulla University for Science & Technology (KAUST)
- King Fahd University (KFU)
- Saudi Telecommunications Company (STC)
- King Fahd Industrial Port Yanbu (KFIPY)
- Bahrain Petroleum Company (BAPCO)



TAQQAT MAIN OFFICE LOCATION



Thanks...

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