



TALAAAT & IMAM
CONSULTING ENGINEERS

Engineering
Excellence

Sustainable
Impact

SINCE 1980

COMPANY PROFILE

ENGINEERING EXCELLENCE ***SUSTAINABLE IMPACT***

SINCE 1980



PIONEERING INFRASTRUCTURE DEVELOPMENT

TRUSTED. PROVEN. IMPACTFUL.

Talaat & Imam Consulting Engineers (T&I) is a multidisciplinary engineering consultancy and certified House of Expertise, dedicated to advancing infrastructure development across the Middle East. With over 45 years of experience, we specialize in the planning, design, and supervision of complex civil and environmental infrastructure projects that serve communities, support economic growth, and promote long-term sustainability.

Established in 1980, T&I provides end-to-end consulting services from concept development and feasibility studies to detailed engineering, tendering, construction supervision, operational support, and capacity building. Our clients include government agencies, public utilities, private developers, and international development organizations.

To support the rising infrastructure needs in the Gulf region, T&I established its affiliated company, **T&I Emirates**, in Abu Dhabi, UAE in 2022. This strategic expansion enables us to better serve clients across the GCC with localized expertise and regional presence



45⁺

Years of
Experience

300⁺

Projects
Delivered

100⁺

Clients
Served

5

Countries
Worked in

150⁺

Employees

2000⁺

km of Roads

9000⁺

Km of
Pipelines

50⁺

Treatment
Plants

ENGINEERING THE FUTURE. BUILDING WITH PURPOSE.



Our portfolio spans the full infrastructure spectrum, including transportation networks, highways and airports, water supply and wastewater systems, environmental management, structural and geotechnical works, MEP (mechanical, electrical, and plumbing) systems, topographical surveying, GIS, and integrated project management. T&I is ISO 9001:2015 certified, underscoring our commitment to quality, innovation, and service excellence.

Rooted in integrity and driven by purpose, we transform engineering challenges into infrastructure solutions that improve lives, strengthen cities, and shape resilient, future-ready communities.

OUR VALUES

BUILT ON INTEGRITY. DRIVEN BY IMPACT.

At TICE, our values reflect over 45 years of engineering excellence, client trust, and meaningful impact. They guide how we work, lead, and grow.



INTEGRITY & ACCOUNTABILITY

We act with honesty, transparency, and responsibility, earning trust through every decision and action.



ENGINEERING EXCELLENCE

We apply the highest technical standards to deliver safe, efficient, and innovative solutions across disciplines.



COMMITMENT TO QUALITY

We maintain rigorous ISO-certified systems and a culture of continuous improvement at every stage of project delivery.



SUSTAINABLE IMPACT

We design with the future in mind, integrating environmental stewardship, resilience, and long-term community value.



CLIENT PARTNERSHIP

We listen, collaborate, and tailor our work to meet each client's unique goals — building relationships that last.

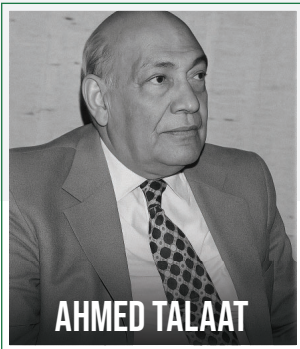


PEOPLE-CENTERED CULTURE

We care deeply about our people, fostering a supportive, inclusive, and growth-oriented environment grounded in respect and shared purpose.

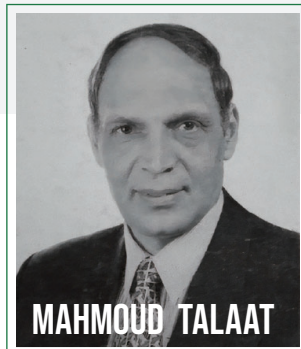


We honor the memory of our late founding partners, H.E Eng. Ahmed Talaat & Eng. Mahmoud Talaat whose vision continues to inspire our work to this day...



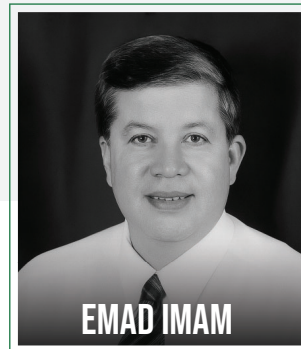
AHMED TALAAT

1921-1995

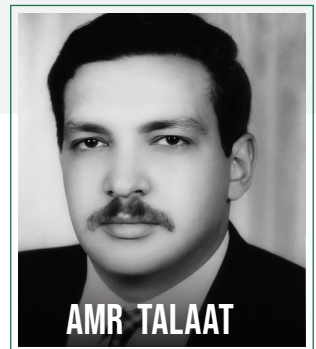


MAHMOUD TALAAT

1950-2013



EMAD IMAM



AMR TALAAT

OUR JOURNEY

FROM SHARED VISION TO A LEGACY OF IMPACT



Talaat & Imam Consulting Engineers (T&I) was born from the vision of lifelong friends Eng. Mahmoud Talaat and Dr. Emad Imam, who aimed to unite academic excellence with practical industry experience to deliver purpose driven infrastructure. Their efforts were guided and strengthened by the solid mentorship of H.E. Eng. Ahmed Talaat Tawfik, former Minister of Housing, whose values of integrity, service, and technical excellence became the foundation of the firm. In 1980, T&I was formally established by H.E. Eng. Ahmed Talaat,

Eng. Mahmoud Talaat, Dr. Emad Imam, and Eng. Amr Talaat, creating a consultancy dedicated to engineering excellence and impactful infrastructure development. Over the years, Eng. Amr Talaat played a pivotal role in expanding the firm's capabilities and regional footprint. Today, T&I thrives under the combined leadership of its founding partners and the second generation — Dr. Hoda Talaat and Dr. Yehya Imam — who continue the legacy while driving innovation to meet future demands.



Planning



Design



Tendering



Construction
Supervision



O&M
Supervision



Training &
Knowledge
Transfer

SERVICE TYPES



PLANNING

T&I offers comprehensive planning services that lay the foundation for successful infrastructure projects. This includes feasibility studies, strategic development frameworks, and master planning. We assess environmental conditions, regulatory requirements, and community needs to craft plans that are technically sound, context-sensitive, and sustainable. By identifying potential risks and opportunities early on, we enable more resilient, adaptable projects. Our planning process leverages stakeholder engagement and advanced tools to guide land use decisions, infrastructure integration, and long-term functionality.



DESIGN

Our design services translate vision into buildable reality. We produce detailed engineering drawings, models, and specifications tailored to each project's scope, budget, and performance goals. T&I applies cutting-edge tools like Building Information Modeling (BIM) to enhance precision, improve efficiency, and streamline delivery. With a focus on sustainability, safety, and regulatory compliance, our interdisciplinary teams design everything from road networks and utilities to treatment facilities and urban spaces, ensuring innovative yet practical outcomes.





TENDERING

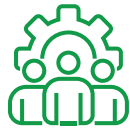
T&I supports clients in managing the procurement process with clarity and strategic focus. We prepare tender documents, evaluate contractor submissions, and guide contractor selection based on technical merit, pricing, and capacity. Our team ensures that all documentation is comprehensive and compliant with regulatory frameworks. We also advise on procurement strategies and contract terms that safeguard project objectives and minimize legal and financial risks, helping clients achieve fair, transparent, and efficient bidding outcomes.



CONSTRUCTION SUPERVISION

Our supervision teams ensure that construction is executed to specification, on schedule, and within budget. We conduct routine inspections, monitor quality and safety, and facilitate coordination between contractors, consultants, and owners. T&I actively addresses technical issues on-site, manages changes, and maintains strict adherence to approved plans. Through effective communication and vigilant oversight, we help clients avoid delays and cost overruns, ensuring delivery of infrastructure that performs as intended.





O&M SUPERVISION

Our O&M Supervision services ensure seamless operations and maintenance for engineering projects, focusing on optimizing performance, minimizing downtime, and maximizing efficiency. We offer expert oversight of systems, equipment, and processes to ensure compliance with industry standards and regulations. Through regular inspections, proactive troubleshooting, and detailed reporting, we help our clients maintain smooth operations, enhance asset longevity, and achieve cost-effective solutions tailored to their specific needs.



TRAINING & KNOWLEDGE TRANSFER

T&I is committed to building local capacity. We provide tailored training programs that empower client teams to manage, operate, and maintain infrastructure assets independently. Our programs cover operations, maintenance, safety protocols, and technical systems, delivered through hands-on workshops, digital material, and on-site coaching. We also facilitate structured knowledge transfer to ensure institutional memory and operational continuity. These services strengthen in-house expertise and enhance project sustainability.



SERVICE FIELDS



DELIVERING SUSTAINABLE INFRASTRUCTURE THROUGH TRUSTED ENGINEERING

Talaat & Imam Consulting Engineers (T&I) provides integrated consulting services across the full project lifecycle from feasibility studies and design to tendering documentation, construction supervision and project management. With over 45 years of experience, we support public, private, and international clients with tailored, cost-effective solutions in civil infrastructure.

Our expertise spans the full infrastructure spectrum, including transportation

networks, highways and airports, water supply and wastewater systems, environmental management, structural and geotechnical works, MEP (mechanical, electrical, and plumbing) systems, topographical surveying, and integrated project management. Each service is backed by technical excellence, a commitment to quality, and a deep understanding of local and regional challenges.





TRANSPORTATION, HIGHWAY & AIRPORT ENGINEERING

With decades of experience in transportation infrastructure, T&I delivers innovative and reliable engineering solutions for roads, highways, interchanges, and airport facilities. Whether enhancing urban mobility or supporting regional connectivity, we utilize state-of-the-art technology to engineer transport systems that are efficient, safe, and adaptable to future demands.

KEY SERVICES

- Strategic Transport Planning
- Traffic impact assessments and traffic studies
- Highway and roadway design
- Pavement design and rehabilitation
- Airport planning and airside/landside design
- Interchange and intersection design
- Stormwater drainage and utility coordination
- Road safety audits and value engineering



WET UTILITIES & ENVIRONMENTAL

Drawing on decades of water-sector experience, T&I plans and designs complete water-supply, wastewater and environmental-protection systems that safeguard public health while preserving natural resources. Our specialists integrate hydraulic modeling, treatment technology and ecological best practice to create schemes that are efficient to operate, resilient to change and easy to expand.

KEY SERVICES

- Water-supply master planning and demand forecasting
- Potable-water treatment plants and pumping stations
- Transmission mains, reservoirs and elevated tanks
- Wastewater networks, lift stations and treatment facilities
- Treated-effluent reuse and reclaimed-water systems
- Stormwater management and integrated drainage design
- Environmental impact assessment and mitigation planning



HYDROLOGY & WATER RESOURCES

T&I transforms hydrologic data into practical solutions that protect communities from floods, stabilise watersheds and optimise the use of scarce water resources. Combining basin modeling, hydraulic analysis and nature-based measures, we develop strategies that manage runoff, enhance recharge and sustain riverine and coastal environments.

KEY SERVICES

- Hydrologic and hydraulic modeling of watersheds and waterways
- Flood-risk mapping, warning thresholds and mitigation works
- River, channel and culvert design for controlled conveyance
- Detention basins, retention wetlands and groundwater recharge systems
- Dam, reservoir and spillway layout studies
- Erosion- and sediment-control measures for slopes and shorelines
- Climate-adaptation planning and long-term water-balance studies
- Irrigation systems planning and design



STRUCTURAL & GEOTECHNICAL

From soil investigation through superstructure detailing, T&I delivers safe, economical and durable solutions for bridges, buildings and specialised infrastructure. We tailor foundations, materials and structural systems to site conditions, load demands and service-life goals, ensuring constructability and ease of maintenance.

KEY SERVICES

- Geotechnical site investigations and interpretive reporting
- Shallow, deep and specialised foundation design
- Retaining walls, ground improvement and slope stabilisation
- Bridge, culvert and elevated-roadway structural design
- Building frames in concrete, steel and composite systems
- Seismic analysis, structural assessment and strengthening
- Value engineering and construction-phase technical support



ELECTROMECHANICAL

T&I creates integrated building-services solutions that deliver comfort, safety and energy efficiency across commercial, industrial and infrastructure facilities. Our teams balance thermal loads, power quality and water use to develop coordinated systems that perform reliably from commissioning through operation.

KEY SERVICES

- Medium and low volt ntworks design
- Internal and external lighting systems design
- Internal and external ICT and light current design
- HVAC load calculations and air-distribution design
- Commissioning, performance testing, and operations manuals



TOPOGRAPHICAL SURVEY & GIS APPLICATIONS

Accurate spatial data underpins every successful project. T&I employs cutting-edge surveying technologies, UAV photogrammetry, LiDAR, GNSS and hydrographic sonar, to capture high-resolution terrain and asset information quickly and safely, then transforms it into GIS and BIM-ready datasets for seamless design coordination.

KEY SERVICES

- Aerial and terrestrial LiDAR topographic surveys
- Photogrammetric mapping and orthomosaic production
- Cadastral, boundary and utility-mapping services
- Bathymetric and hydrographic surveys for coastal and river works
- Digital terrain and surface-model generation
- GIS database development, spatial analysis and web mapping
- As-built verification and deformation monitoring



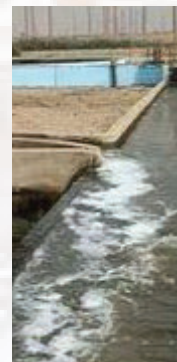
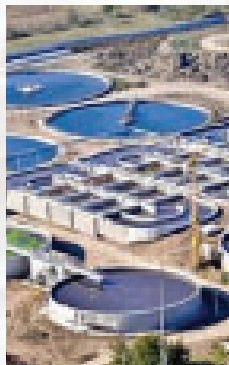
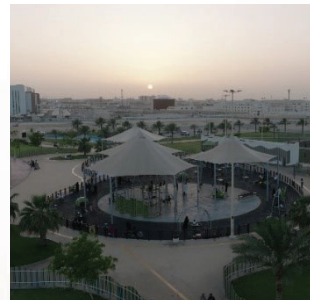
PROJECT MANAGEMENT

Leveraging proven control frameworks, T&I transforms detailed designs into operating assets—on schedule, within budget and to the specified quality. Our project managers coordinate all stakeholders, monitor performance metrics and proactively manage risk to ensure construction aligns with design intent from groundbreaking through handover.

KEY SERVICES

- Project planning, scheduling and cost control
- Procurement strategy and contract administration
- Construction supervision and quality assurance/quality control
- Health, safety and environmental management
- Progress reporting and stakeholder coordination
- Risk assessment, mitigation and claims management
- Commissioning oversight and project close-out documentation

FEATURED PROJECTS



THIS IS JUST A GLIMPSE
SCAN THE QR CODE TO EXPLORE
ALL OUR PROJECTS





FOUNDERS OF T&I



H.E. ENGR. AHMED TALAAT

Former Chairman



ENGR. MAHMOUD TALAAT

Former Chairman



DR. EMAD H. IMAM

Chairman

Technical Reference- Wet Utilities & Environmental



ENGR. AMR A. TALAAT

Chief Executive Officer CEO

Technical Reference- Transport Infrastructure

FOUNDERS OF T&I EMIRATES

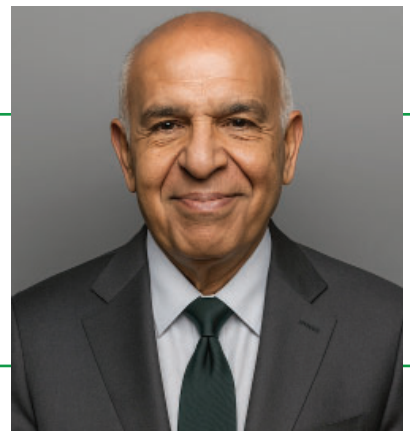


ENGR. YOUSEF F. ALBADI

Chairman

ENGR. ALI M. ANIS

Vice Chairman



DR. EMAD H. IMAM

Board Member

ENGR. AMR A. TALAAT

Board Member



CHIEF OFFICERS & TECHNICAL ADVISORS



ENGR. MAHA SAFWAT

Chief Delivery Officer – Transport Infrastructure
Board Member - Associate

ENGR. HANI ISMAIL

Chief Delivery Officer -
Wet Utilities & Environmental Engineering
Board Member - Associate

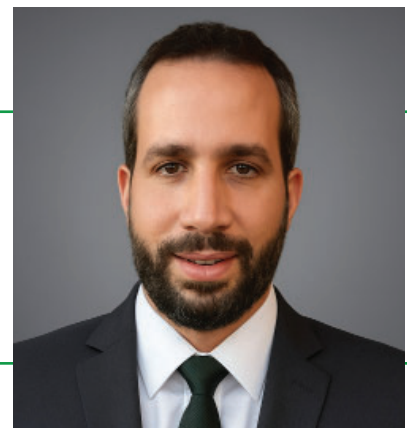


DR. HODA M. TALAAT

Chief Business Development Officer
Technical Advisor – Transport Infrastructure
Board Member - Partner

DR. YEHYA E. IMAM

Technical Advisor – Wet Utilities & Environmental
Board Member - Partner



DIRECTORS & TEAM LEADERS

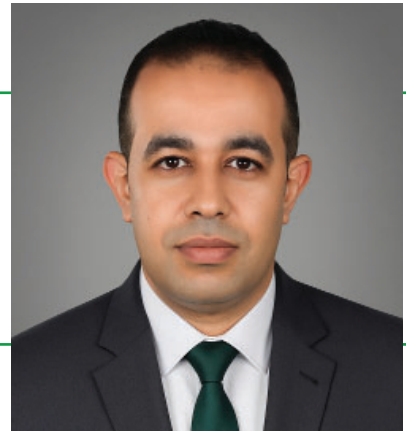


ENGR. MOHAMED HEMEDA

Design Director - Associate
Wet Utilities & Environmental Engineering

ENGR. MOHAMED A. HAMED

Design Director – Structural & Integrated
Services



ENGR. HANI MOSTAFA

Director of Construction Supervision –
Water Supply & Irrigation

ENGR. MAHMOUD EL-AKAM

Director of Construction Supervision –
Transport Infrastructure



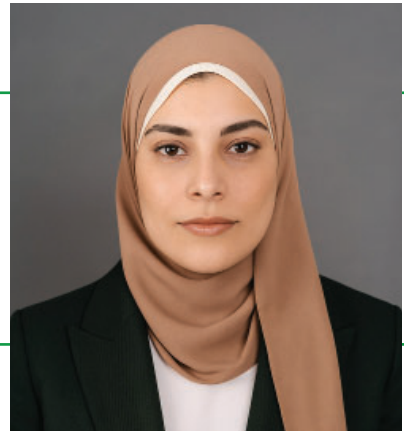


DR. HISHAM EZZ

Technical Lead – Hydrology & Water Resources

DR. NAGWAN M. GAMAL

Technical Lead – Wastewater & Environmental



ENGR. NOOR M. ANTER

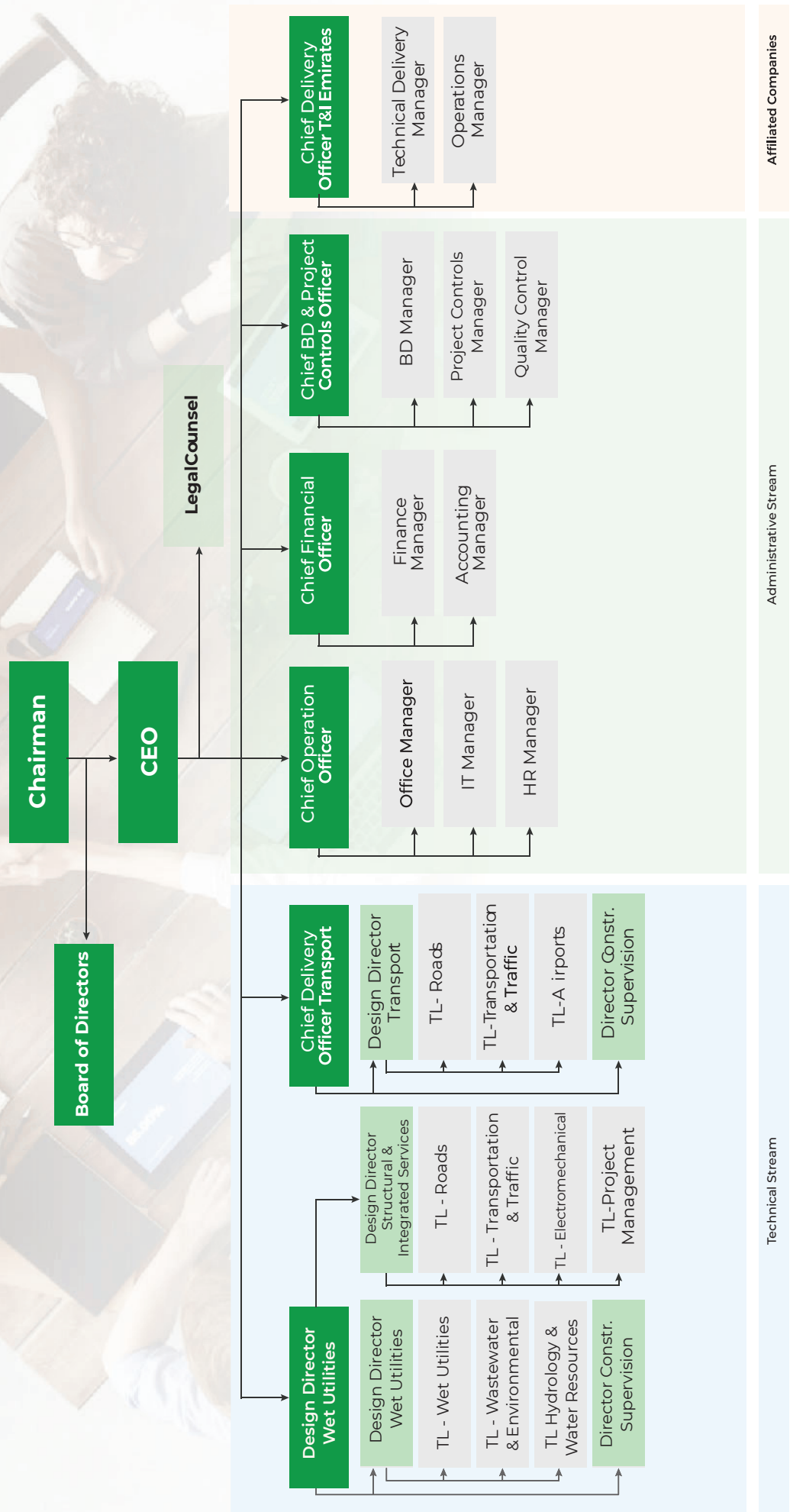
Technical Lead – Wet Utilities

ENGR. MOHSEN LOTFY

Technical Lead – Electrical Engineering



ORGNAIZATION STRUCTURE





CLIENTS

INTERNATIONAL AGENCIES & DONORS



GOVERNMENTAL & PUBLIC SECTORS



DEVELOPERS



CONSULTANTS & CONTRACTORS





TALAAT & IMAM
CONSULTING ENGINEERS

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