

Company Profile



جيكو الميكانيكية و الكهربائية المحدودة
GECO Mechanical & Electrical Ltd.

A MEMBER OF ALBATHA
ENGINEERING GROUP



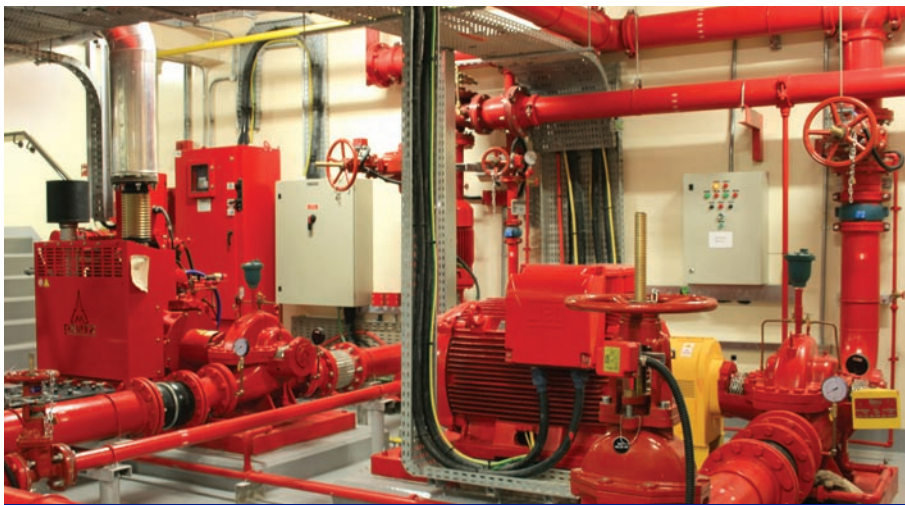
عضو من مجموعة
البطحاء الهندسية



MEP Division



Power Division



Fire Protection Division



Facilities Management Division

Business with Values

“It is our belief that business and values are inseparable.
Values inspire trust... trust builds relationships...
relationships drive growth”

Albatha Holding LLC

Diversity, Strength and Values





Albatha is the Arabic word for 'valley', inspired by the notion of growth and progress. Head-quartered in the United Arab Emirates, Albatha was founded in early 1950s by Sheikh Mohammed Sultan Al Qassimi, whose vision and entrepreneurship has resulted in formation of a widely diversified Group.

Today, under the leadership of its Chairman, Sheikh Ahmed Mohammed Sultan Al Qassimi, the Group is comprised of over 25 autonomous companies - specializing in sectors as diverse as automotive, healthcare, manufacturing, engineering, electronics, FMCG, food and real estate.

The companies have been organised in seven industry-sector Groups for 'focused' development of business and expertise in each industry sector. Each Group is able to enter into any business in their relevant expertise sector - for trading, manufacturing or services - and, can expand their business beyond their home base in the United Arab Emirates.

Albatha conducts business throughout the Middle East and North Africa, with a distribution network expanding to the sub-continent and Europe. This is reflected in the diversity of our employees - over 7,000 people from across the globe providing a vast pool of expertise with local knowledge.

For over 50 years Albatha has championed good business practices and is trusted to represent the world's top brands.

	<ul style="list-style-type: none"> • AGMC (Arabian Gulf Mechanical Centre) • BMW Albatha Finance Company • BMW Albatha Leasing LLC
	<ul style="list-style-type: none"> • Gulf International • Global Food Industries - Frozen • Global Food Industries - Snacking • IBFI (International Beverage & Filling Industries) • Best Harvest & Malila Trading, Saudi Arabia
	<ul style="list-style-type: none"> • GECO Mechanical & Electrical • GECO Engineering • Geoscope • GECO Chemical Oil & Gas Field Services • Spectra Electronics Trading • GIPL (GECO Ind. Packing) • Wallis • Tecon
	<ul style="list-style-type: none"> • MPC (Modern Pharmaceutical Company) • Vienna Trading • OTB MPC (Orthopadie Technik Berlin - MPC)
	<ul style="list-style-type: none"> • Scitra • Scitra Egypt • Colep Scitra Aerosol • Medad Printing & Packaging
	<ul style="list-style-type: none"> • GECO (General Enterprises Company) • GECO Smart Life Solutions • Super General Company • Super General Company, Oman • E-City General Trading
	<ul style="list-style-type: none"> • Al Batha Real Estate • Al Abir Engineering Consulting • Tawazun Construction

Albatha Engineering Group

Contracting, Supply & Installation of Engineering Products and Services

Construction is one of the most important sectors of the United Arab Emirates. The development of the country's infrastructure, properties and facilities for its growing population has been one of the major areas of services required.

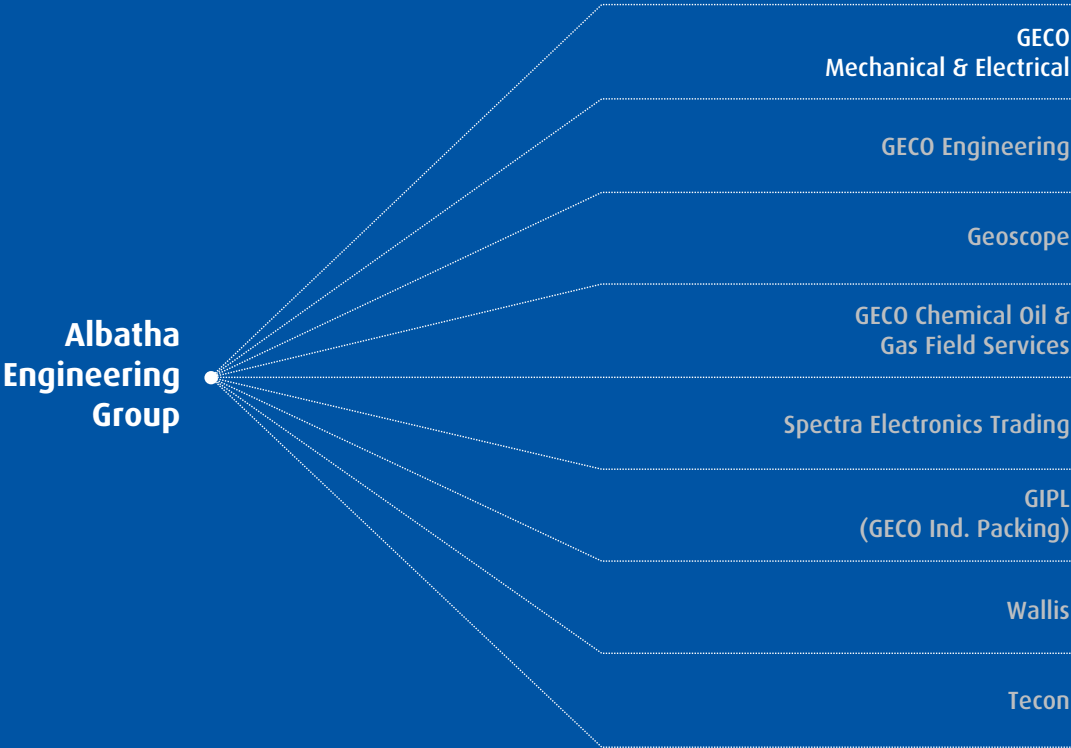
Albatha Engineering Group has been in the forefront of this sector for over 40 years and delivers a comprehensive offering of outstanding expertise, products and services. This includes mechanical and electrical contracting, surveying, fire protection and facilities management. We are also suppliers of high-grade industrial chemicals, and the sole agents in the UAE for some of the world's leading lighting, electrical and engineering equipment.

Excited by innovative solutions to modern challenges, the Group is constantly looking for new ways to lead in a fast-evolving industry. The Albatha Engineering Group is expanding into other areas such as Seismic hazard and risk assessment and landscape ariel mapping. The Group is also entering into products and services in the Oil & Gas sector.

Our Business

Albatha Engineering Group strives to be the provider of benchmark-quality, state-of-the-art engineering solutions. With a reputation for customer service, corporate integrity and social responsibility, Albatha Engineering is proud to be an established electro-mechanical contractor in the country and sole distributor and agent for some of the world's most respected brands.

Our Companies





GECO Mechanical & Electrical Limited **'Engineering Solutions Simplified'**

The oldest electromechanical company established in Sharjah, where its head office is located, GECO also has registered branch offices in Dubai, Abu Dhabi, Al Ain, Fujairah, Umm Al Quwain and Ras Al Khaimah.

The company distinguishes itself from its competitors by providing a level of skill, experience and professionalism that has set a new benchmark for the industry. Indeed, having invested in attracting and maintaining its highly professional staff, GECO can deliver the full range of MEP services, providing clients with technically advanced products and consistent, prompt services. In order to achieve this objective, the company provides selected products with the highest quality.





Unique Solutions

GECO's success lies in its core values, which are not simply descriptions of the work it carries out or the strategies it employs to accomplish its mission. Instead, these values underline the company's work and how management and employees interact with each other, and with their clients and suppliers.

GECO believes in forming strong relationships and partnerships. Through this, it gains a clear understanding of its clients' goals and objectives and develops solutions that will meet and often exceed expectations, while still providing the best value. By focusing on projects from the very beginning, GECO regularly provides unique solutions that incorporate quality workmanship and materials, as well as significant cost savings.

GECO's client and project portfolio reads like a 'Who's Who' of the UAE, including Sharjah Teaching Hospital, Sharjah Islamic Bank Headquarters, Sahara Shopping Mall, American University, Dubai Etisalat Academy, Reef Tower at Jumeriah Lake Towers, Dubai Creek Tower, Al Raha Theatre, Sharjah Expo Centre, and many others.

With its turnkey approach, GECO can take a project through the entire process, from the very start of conceptual design and inspiration through to detailed design and working drawings. From making the selection of materials through to the first day of installation and onto the final sign-off, the company provides clients with complete peace of mind.





Hiring the Best People

Teamwork defines everything we do at GECO, with the company's broad range of in-house talent having the capacity to handle projects from design through completion. No project, regardless of size, will pass the demanding GECO quality control standards until it has been checked and verified by highly professional employees.

GECO believes in the importance of good training and provide a knowledgeable service. It also believes that this enlightened philosophy enables it to concentrate on a 'zero tolerance' approach, which provides a better reputation for the company.

No matter what size or how complex the project is, GECO helps its clients to reach their goals, professionally and cost-effectively.



You've Come to the Right Place!

Another area of growing importance is sustainability where GECO ensures that its employees can communicate knowledgeably with its clients. GECO combines the best of values with a forward thinking approach to new technology.

The technical expertise of the company is only a part of the success; the real reason has been its approach to focus on finish and quality of the project. By creating a partnership of trust with clients, GECO is able to work together with them to achieve a common goal.





MEP Division



Fact Sheet for MEP

Sl. No.	Employees Designation	Nos
1	Division Manager – Contracts	1
2	Project Managers	7
3	Project Engineers	13
4	Site Engineers	15
5	Duct Workshop In-charge	1
6	Plasma Machine Operators	3
7	Supervisors	18
8	A/C Mechanics	125
9	Electricians	154
10	Plumbers	120
11	Pipe Fitters	40
12	Insulators	41
13	Welders	25
14	Duct men	50
15	Helpers	65



GECO MEP Division

Being the core division of the company, we introduce ourselves as the preferred Electromechanical Company in the UAE. We are one of the oldest electromechanical companies and was established in Sharjah in the year 1969. We are rendering our services for more than four decades throughout the UAE, with registered offices in Dubai, Abu Dhabi, Al Ain, Fujairah, Umm Al Quwain and Ras Al Khaimah.

We, GECO Mechanical & Electrical Limited, an ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 certified company, have successfully executed many prestigious electromechanical projects including Shopping Malls, Luxury Hotels, High Rise Commercial/Residential Towers/Buildings, Hospitals, Military Installations, Universities and Academies, all over the UAE. GECO has the expertise and experience backed by a team of professional managers, engineers and technicians, in executing projects of any magnitude, providing a comprehensive range of services in the field of Electromechanical works for all Commercial, Residential, and Industrial Projects.



Reference Projects:

- Aquarium & Maritime Museum, Sharjah
- Al Taawun Shopping Mall, Sharjah
- American University, Sharjah
- Al Raha Theater, Abu Dhabi
- BMW & SKODA Showrooms, Dubai
- Boorj 2000, Sharjah
- Chamber Of Commerce & Industry Headquarters Building, Dubai
- Dubai Etisalat Academy, Dubai
- Dubai Creek Tower, Dubai
- Grand Millennium Hotel, Dubai
- H. H. Sheikha Bint Saeed Al Maktoum Complex, Dubai
- Novotel & Ibis Hotel, Fujairah
- Qanat Al Qasba, Sharjah
- Reef Tower At Jumeirah Lake Towers, Dubai
- Riviera Towers, Sharjah
- Sheikh Rashid Mosque, Sharjah
- Sharjah Expo Center, Sharjah
- Sharjah Teaching Hospital, Sharjah
- Sharjah Dental Hospital, Sharjah
- Sharjah Rulers Palace, Sharjah
- Sharjah Islamic Bank Headquarters, Sharjah
- Sahara Shopping Mall, Sharjah
- University Of Sharjah, Sharjah
- Wesgreen Private School, Sharjah





Extra Low Voltage System

Extra Low Voltage System (ELV)

In GECO, we make it a point that our product satisfies your need when it comes to your business and strive hard to make sure that our services are innovative and have covered the most important aspects of your business need. A new addition to our offerings is the comprehensive range of ELV solutions for Residential, Commercial and Office Buildings. We are able to deliver a seamless integration of all ELV and AV systems, providing you with reliability, electrical safety, cost-efficiency, and environmental advantages. Our teams of engineers provide a complete design, integration and implementation services to our clients incorporating a wide range of Extra Low Voltage and Security Systems.

Engineered and installed by in house ELV Experts

GECO employs only the finest experts in ELV and Security, bringing their expertise to ensure complete design, integration, and installation of our solutions is in great condition to meet your requirements and expectations for uninterrupted operations and services.

Fully documented for your convenience

GECO ensures transparency in everything it does. That is why we make sure that every process and transaction that with us is fully documented for you and your company's reference and future use.

Fact Sheet for ELV

Sl. No.	Employees Designation	Nos
1	Division Manager – Contracts	1
2	Project Managers	7
3	Project Engineers	13
4	Site Engineers	15
5	Duct Workshop In-charge	1
14	Duct men	50
15	Helpers	65



Our Range of services

Structured Cabling Network (SCS)

A reliable and flexible cabling infrastructure is an essential requirement of any modern 'smart' building. Our Structured Cabling team is well equipped with best of knowledge and experience for UTP and Fiber Optic systems. We specialize in complete System Designing and its implementation from world renowned manufacturers and helps in obtaining Authority approvals. We provide complete end to end testing of the networks using OTDR and Fluke Testing Machine, etc. and can professionally manage existing Structured cabling requirements.



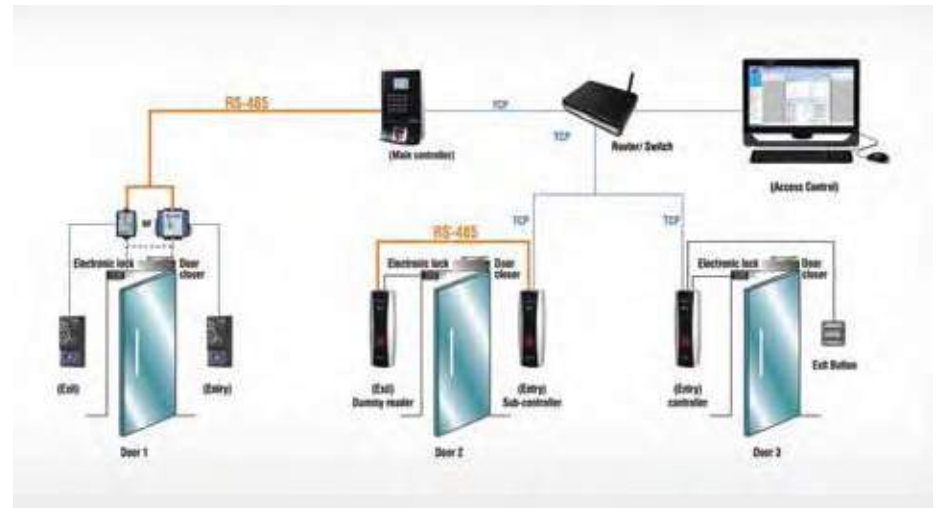
Close Circuit Television (CCTV)

Closed Circuit Television (CCTV) has become a key elements in securing facilities and fixed assets. We can Design, Install, Integrate and Monitor all of your security requirements as per authorities' regulations both for Residential, Commercial and Hospitality sectors. Our Analog / IP / Web Based surveillance solution empower your security staff, improve productivity and make your facilities safe and secure. CCTV systems that will monitor all the Entry / Exit points, perimeter fencing, parking areas and hazardous work environments to advanced applications that Integrate with Access Control Systems. We are partnered with leading brands of surveillance solutions products to offer complete solution.



Access Control System (ACS)

We designs, procure, installs and maintains ACS systems that would fully match your business requirements. We carry high-grade Access Control and Security Management Solutions ranging from Proximity Cards, Biometrics, Face Recognition etc. for Standalone to Multi-Site systems with Integration of CCTV, Gate Barrier and Boullards systems. We have experienced and trained staff for Access Control solutions. Our offerings include Time and Attendance system with Gate Barrier, Boullards and Barrier Turnstiles.





Public Address / Background Music (PA / BGM)

Public Address / Back Ground Music System allow a single or group of users to address or play background music in the Individual areas or selected locations. This system assists in alerting people in the building. It may include Zoning so that volume levels can be adjusted for each area or zone as per requirement. BGM is a music playback system that plays continuous music normally via a distributed PA system. We are partnered with leading brands of PA / BGM products to offer complete solution.



Nurse Call System

Nurse Call System allows patients in a hospital to alert Nurse or other health care staff in case of any help or emergency. When a button is pressed, a signal alerts staff at Nursing Station, a nurse will respond to such a call on priority. There are systems with speech where patient can talk to nursing staff directly otherwise system without speech will simply beep at the Nurse Station with room number being displayed at the station.

We also offer similar system used in all the Hotels and Shopping Malls for Disabled visitors where specified toilets will have call button to seek help from the reception.



Lighting Control System

A Lighting Control or Smart Lighting Systems is an intelligent network which manages building Lighting system resulting in energy savings thus complying to Green building programs. Lighting Control System incorporates communication between various system inputs and outputs of LC's with the use of one or more Central monitoring device.

There are two types of systems - Standalone has motion based sensors which will Switch ON the lights and switch OFF after programmed duration. A Centralized System has the ability to control multiple lighting sources from an individual or group of lights from single user interface device. This allows multiple lighting sources from a user device allow single to multiple lighting scenes to created and managed. Major benefit of this system is reduced energy consumption therefore reduced cost.

SMATV (Satellite Master Antenna Television) / IPTV

We offer SMATV /IPTV solution for Residential, Hospitality, and Community Villas etc. SMATV Solution offers broadcasting of RF and IF systems and Digital Video using IPTV solution to customers. Systems can be integrated with PMS and Digital Signage systems which is suitable for any business environments ranging from individual homes, small and big residential buildings, Hotels, Hospitals and corporate.



Power Division

Fact Sheet for Power Division

Sl. No.	Employees Designation	Nos
1	Division Manager	1
2	Technical Manager	1
3	Project & Site Managers	4
4	Project & Site Engineers	17
5	Supervisors & Foremen	14
6	Control Technicians	10
7	Electricians & Jointers	40
8	Welders	10
9	Helpers	30



GECO Power Division

GECO Power Division carries out all the power related works, throughout the UAE. The division is capable of carrying out the HV, MV and LV substations, cable laying, power transmission and distribution networks on a Turnkey basis.

We have vast experience in the field of Electrical Power Works. We are operating since 1980. Our first milestone was the development of Distribution Network for the emirate of Umm Al Quwain in 1982 for Ministry of Electricity and Water (now Federal Electricity and Water Authority), with contract value of AED 45 million.

Since its establishment, GECO Power Division has witnessed a substantial growth and has executed various projects for our prestigious clients.

Reference Projects:

- CMW – Al Hamra Power House with 4 nos of 1MW DG sets with controllers, synchronizing panels and integration with ADDC network.
- Development of entire network in the Emirate of UAQ in 1980.
- Development of the Emirates Industrial City – 33 and 11 kV network consists of 4 nos of 33 kV substation, 60 Km 33 kV cable network, 100 nos of 11/0.415 kV package substation alongwith interconnecting 11 kV network.
- Development of Al Tai Residential Complex – 33 and 11 kV network consists of 1 no. of 33 kV substation, 40 Km 33 kV cable network, 40 nos of 11/0.415 kV package substation along with interconnecting 11 kV network.
- Development of Sharjah Investment Centre – 33 and 11 kV network consists of 4 nos of 33 kV substation, 150 nos of 11/0.415 kV package substation along with interconnecting 11 kV network.
- FEWA 33 kV cable laying works on the turnkey basis (190 Km of 33 kV cable)
- FEWA 11 kV network development (400 Km cable laying in indoor and outdoor substations).
- Hamriyah Free Zone Pahse II – Extension of 132 kV substation (132 kV switchgear and 60/75 MVA transformer) and 2 nos of 33/11 kV substation along with 60 Km of Power and 5 Km of Fibre Optic network.
- Old UAQ Central control centre (SCADA).
- Refurbishment and Revamp of 11/3.3/415 V Substations in DUBAL.
- Wasit Power House – Addition of 2 60MW Gas Turbine units (Turbine make - Rolls Royce) Joint consortium with M/S Rolls-Royce.
- 120 Km of 11 kV transmission network on the turnkey basis (Hex. Steel pole design).



Our clients include the following:

- Sharjah Electricity and Water Authority
- Abudhabi Water and Electricity Authority (ADWEA-ADDC/AADC)
- Abudhabi National Oil Company(ADNOC)
- Command Of Military Works(CMW)
- Dubai Electricity and Water Authority (DEWA)
- Dubai Aluminum(DUBAL)
- Emirates Aluminum (EMAL)
- Federal Electricity and Water Authority (FEWA)
- Fujairah Port (FP)
- Fujairah Energy(FE)i
- Sharjah Electricity And Water Authority(SEWA)
- Sharjah Municipality (SM)
- Sharjah Ports And Customs Authority(HFZ,SKP,SKFP)
- Ministry Of Public Works(MOPW)

All our personnel are highly trained and experienced. They are fully aware of the local regulations and requirements, which enables them to execute any project to the greatest satisfaction for our clients.

- With minimum hassle
- With utmost safety
- Within stipulated time frame and
- Possible Best Quality



Fire Protection Division





Fact Sheet for Fire Protection Division

Sl. No.	Employees Designation	Nos
1	Division Manager	1
2	Asst Operations Manager	1
3	Design, Project & Site Engineers	6
4	Commissioning Engineer	3
5	Sales Staff	3
6	Maintenance Incharge	2
7	Draftsmen	4
8	Estimators	5
9	Supervisors & Technicians	60



GECO Fire Protection Division

GECO Fire Protection Division is a complete solution provider of Fire Protection & Detection Systems.

GECO Fire Protection Division is operating all over the UAE with its head office located in Sharjah, and is known for its excellence in quality and reliability. It is one of the leading Turnkey Fire Protection Solutions provider specialized in Design, Supply, Installation and 24/7 Maintenance of complete Fire Protection Systems. GECO Fire Protection Division has teams of expert professional staff, technically advanced products and commercially acceptable solutions approved by the Civil Defense Authorities in Abu Dhabi, Dubai, Sharjah and JAFZA.

GECO Fire Protection Division is capable of providing the complete range of:

- Air Sampling Detection System by WAGNER, Germany
- Automatic Sprinkler/Deluge/Mist System by VICTAULIC, USA
- Fire Alarm & Detection System by BOSCH, Germany
- Fire Fighting/Foam System by Safex, Malaysia and FIREDOS, Germany
- Fire/Safety Photo luminescent Signage Systems by EVERLUX, Portugal
- Intelligent Quick Release Nitrogen Fire Suppression System By Wagner , Germany
- Oxy Reduct Fire Prevention System by WAGNER, Germany
- Public Address & Voice Evacuation systems by BOSCH, Germany

All the above systems are designed and installed according to NFPA, BS, VdS and Local Regulations/Standards. Apart from the above, GECO Fire Protection Division undertake 24/7 Annual Maintenance Contracts (AMC) for above systems.

Reference Projects									
S. No.	Project	Region	System of Work						
			Fire Detection	Fire Suppression	Fire Fighting	Sprinkler	Voice Evacuation	Signage	Oxy Reduct
1	Al Jahly & Al Towaya School	Al Ain	●	●	●	●	●		
2	Alec Office & Plant Yard	Dubai	●	●	●	●		●	
3	Command Of Military Works	Al Ain	●		●	●			
4	Emirates Bank Internationl	Dubai		●					●
5	Etisalat	Abu Dhabi	●				●		
6	Fujairah International Airpor	Fujairah	●	●	●	●		●	
7	Khalid Port - ERCO	Sharjah	●		●	●	●	●	
8	Khalifa Port	Abu Dhabi	●						
9	Le Meridian	Dubai	●	●	●	●			
10	Qasba Tunnel Tower	Sharjah	●		●	●	●		
11	Sharjah Arts Foundation	Sharjah	●						●
12	Sharjah Islamic Bank	Sharjah	●	●	●	●	●	●	
13	Sadiyat Al Manarat	Abu Dhabi		●	●	●			
14	Teaching Hospital	Sharjah		●	●	●			
15	Al Ain Data Center	Al Ain	●						●
16	Abudhabi Data Center	Abudhabi	●						●
17	Biscuit Factory	Sharjah	●	●	●	●	●	●	
18	Emigrain Factory	Sharjah	●	●	●	●	●	●	
19	Cement Factory	Sharjah		●	●			●	
20	MPC Health Care City	Dubai	●	●	●	●			

Legend

● Carried out



Photo-Luminescent Fire & Safety Signage System by M/s. Ertecna, Portugal

Everlux an innovative signage system manufactured in a photo luminescent material which is self illuminating. Everlux is the only safety signs approved by Lloyds.



SAFEX offers a full range of firefighting equipment which includes Fire Extinguisher, Fire Department Valves, Fire Brigade Inlet and Fire Hose Reel with Rack & Nozzles.

Range of equipment:

- Fire Hose Reels
- Fire Extinguishers
- Fire Hose with rack and nozzles
- Fire Department Valves
- Fire Brigade Inlet

Approvals: Ministry of Interior & Civil Defense



Oxy-Reduct Fire Prevention System by M/s. Wagner, Germany

If a fire breaks out in the IT center, the loss of data is inevitable. Our OxyReduct Fire prevention system reduces the available oxygen and keeps it constant at a lower level, eliminating the risk of fire.

Approvals: Ministry of Interior & Civil Defense

TITANUS a Aspirating Smoke Detection System by M/s. Wagner, Germany

Our TITANUS systems for earliest fire detection use the patented LOGIC SENS system, which is secure against false alarms even in the incipient phase yet is up to 2,000 times more sensitive than conventional smoke detectors. This provides a decisive time advantage for initiating countermeasures, such as triggering a gas extinguishing system to suppress the fire.

Approvals: Ministry of Interior & Civil Defense



Bosch offers a full range of fire panels and detectors, as well as peripherals for fire prevention, warning and building evacuation. They include multi criteria automatic fire detector 420 series and the nearly "invisible" flush-mount Smoke Detector 500 series.

Praesideo Public Address System by Bosch

Praesideo by Bosch is the number one solution for demanding public address and emergency sound applications. It is the ideal choice for public announcements, scheduled events, background music, voice evacuation and other applications that require operational versatility, superb sound quality and absolute clarity.

Features:

- Comprehensive system of compatible units
- The ease of amplification
- Reliable & versatile
- Stylish & easy to use
- Simplified configuration - From a family of quality & innovation

Approvals: Ministry of Interior & Civil Defense





Facilities Management Division



Fact Sheet for Facilities Management

Sl. No.	Employees Designation	Nos
1	Division Manager	1
2	Area Facilities Managers	3
3	Facilities Engineers	22
4	Facilities Coordinator	7
5	Facilities Supervisors	38
6	Foremens	11
7	A/C Personnel	273
8	Electrical Personnel	129
9	Plumbing Personnel	136
10	Other Technicians	130
11	Drivers	39

GECO Facilities Management Division

GECO Facilities Management Division is proud of its unwavering reputation in the market as one of the most reliable FM service providers in the country.

GECO FM has over 40 years of experience in the industry and provides services to over 400 different sites spread across the UAE operating out of offices located in Sharjah, Dubai and Abu Dhabi.

GECO FM's commitment to its customers is to provide quality and reliable services that meet the highest customer expectations. GECO FM achieves this by utilising the latest technology, best international practices and engineering standards so as to provide the best value for money. We have over 700 highly trained employees to suit every maintenance need and a fleet of vehicles which include fully stocked maintenance vans to meet urgent requirements.

We always ensure that stocks of maintenance spare parts are stored at our regional stores and available for use as and when required. GECO FM has one main store located in Sharjah which is spread across an area of 5000 Ft² where we maintain stocks of compressors, motors, thermostats, water heaters, plugs, switches etc. for A/C, Plumbing & Electrical services. In addition, we have satellite stores spread all across the UAE on various sites which maintain minimum stock of these items.



Reference Projects:

- Al Sharqi Palace – Abu Dhabi
- Abu Dhabi Government Schools - Abu Dhabi & Al Ain
- DEWA Power Generation Plants D, E, G, K, L1 & L2
- Department of President's Affairs Abu Dhabi – Various Palaces & Bldgs.
- Diwan al Amiri
- Dubai International Real Estate
- Dubai Equine Hospital
- Directorate of Public Works – Museums, Police Stations & Various Buildings in Sharjah & Northern Emirates
- Emirates Heritage Club – Abu Dhabi
- Government of Dubai – Dubai Courts
- MPM Properties
- Sharjah Ruler's Palace
- Sharjah Teaching Hospital
- Sharjah Dental Hospital
- University of Sharjah
- Union National Bank Bldgs. – Abu Dhabi
- Zayed Higher Organization Rehabilitation Center – Abu Dhabi

Our Services

GECO FM utilizes maintenance techniques to achieve the key objectives of delivering an efficient service that supports daily operations, whilst causing the least possible disruption to the tenants, visitors and staff, as well as optimizing building asset efficiency. Our techniques use a combination of the following proven FM maintenance methodologies:

- Planned Preventative Maintenance (PPM): All PPM are carried out in line with the industry's best practices and Manufacturers Recommendations as per O&M manuals. All of the common tasks are carried out by the on-site staff under the supervision of the Site Supervisor.
- Reactive Repairs Maintenance (RRM): Daily reactive tasks are handled by the on-site team who are technically competent for fixing and handling any call.
- Specialist Maintenance on required Assets through use of specialist contractors: Specialist Contractors are in place to ensure statutory compliance, on-call and certified maintenance as required on some installed systems such as fire systems, elevators, BMS etc.

Reactive Call Handling:

- GECO FM recognizes that limiting damage to your property from unexpected faults is of paramount importance. Therefore, GECO FM provides a 24 hour, 7 days a week, throughout the year; Help Desk and emergency call out facility to respond to all incidents as they occur.

GECO FM has a 24 hours easy to reach dedicated Help Desk with a Toll Free Number – 800 GECOFM (800 432636) which can be contacted 24/7 to serve all maintenance needs. The Help Desk facility allows all clients to raise their work requests quickly.



GECO FM has its own state-of-the-art Motor rewinding workshop with all amenities helping to reduce delays for compressor starter, fan motor & water pump motor repair works.

Services Offered:

- HVAC
- Mechanical
- Electrical
- Plumbing
- Carpentry
- Painting
- Swimming Pool maintenance
- Grounds maintenance
- Masonry
- Fountain maintenance
- Fire Protection Services
- Fire Detection Systems
- Building Management Systems





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GECO Mechanical & Electrical Ltd.

ESCO Division
One Stop Solution for Sustainability



Certified ESCO



A MEMBER OF ALBATHA
ENGINEERING GROUP

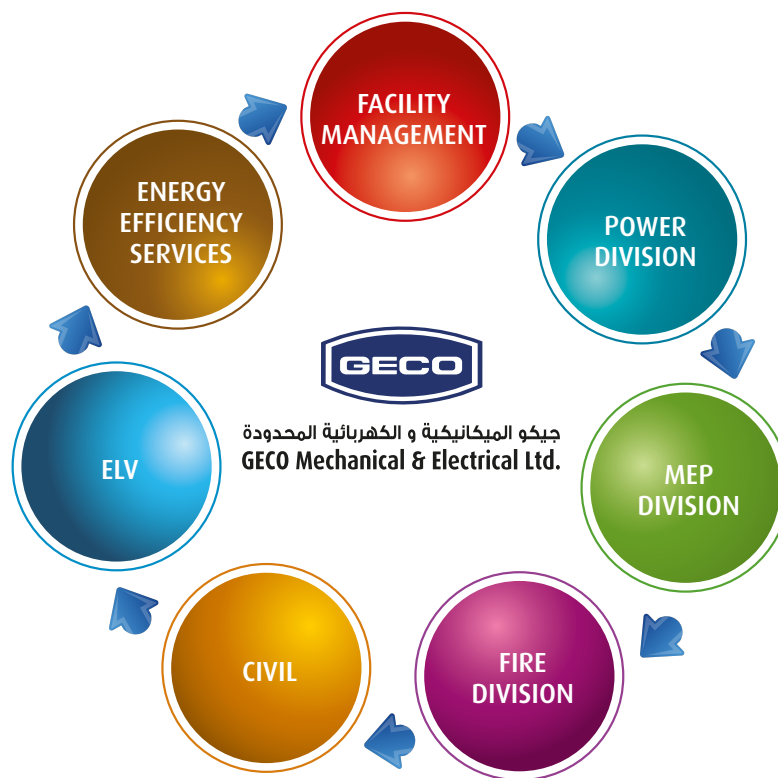


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الطبء الهندسية

About GECO Mechanical & Electrical Ltd. ESCO Services

More than 45 years of experience to make Engineering Solution simplified by providing one stop solution

A Division of the Albatha Holding LLC ✓	Design, Detailed Engineering, Supply, Installation, Service, Testing and Commissioning of HVAC, Electrical System (HT, LT and ELV), Plumbing, Fire Fighting, Civil, Facility Management, and Energy Efficiency Services ✓
ISO 9001:2008 ISO 14001:2004 & OHSAS 18001:2007 Certified Company ✓	
Accredited by RSB Dubai, SEWA and REEM Ras al Khaimah ✓	



GECO M&E has been active in the field of engineering, installation and maintenance of MEP services in United Arab Emirates for over 45 years. The MEP business has seen many phases in the terms of volume, variety and innovations in UAE. However, the general theme all over has been the fact that UAE is an energy intensive country mainly due to HVAC requirement throughout the year. According to WWF estimates the per capita environmental footprint of UAE is one of the largest in the world.

Background

- GECO Mechanical and Electrical Ltd. is one of the oldest MEP company in UAE based in Sharjah.
- GECO has seven key verticals to make engineering solution simplified, which include MEP, Civil, Power, ELV, Facility Management, Fire Fighting/ Fire alarm and Energy Services (ESCO).
- GECO is the only ESCO in the northern emirates which has RSB (DEWA), SEWA and REEM Ras al Khaimah accreditation as a certified ESCO.
- We have already completed more than 18 energy audit surveys (including ASHRAE Level 1 and Level 2 energy audit).
- The projected energy cost saving is more than AED 14 M per annum which is equivalent to 13,539 Tons of CO2 emissions reduction.
- We have implemented many energy saving projects in educational institutes, residential and commercial complexes and hospitals working as MEP maintenance firm.

Our Vision and Mission

- Our vision is to utilize the power of energy efficiency to achieve prosperity throughout the region, generating benefits for Economy, Environment, and Society according to the triple bottom line of sustainable development.
- Our mission is to Analyse, Implement and Manage energy efficiency solutions that will create value for building owners and operators across all sectors in the UAE.

Analyze Implement Manage

One Stop Solution for Sustainability

Implementing energy efficient solutions is, by far, the fastest and most profitable way for companies to reduce their operating cost. GECO Mechanical & Electrical being an oldest MEP and facility management company in the region set up an aim to help the facility owner with following approach.

Analyse

- Analyse the consumption pattern of the facility and identify the scope of improvement
- Identify the area for improvement and helping the facility owner to prioritise energy conservation measures
- We are proud of having a specialised team of certified energy auditors with hands on expertise in data analysis and suggest the energy efficiency measures with maximum Return on Investment (ROI)

Implement

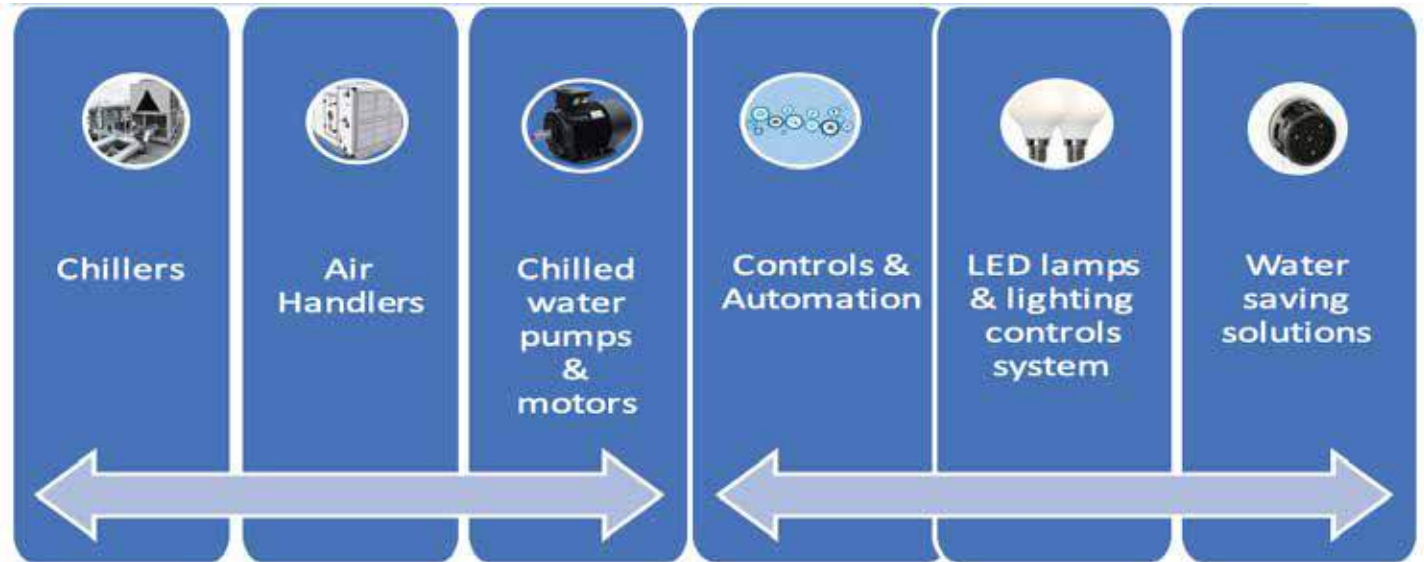
- Turn-key Project execution tailored to specific requirements
- Our experienced MEP Team verify the design requirement during the process of engineering and drawing works.
- This makes us carry out the work, which is trouble free in future operation.

Manage

- Experienced facility manager will operate and maintain the energy saving measures by continuous energy monitoring system
- Alert systems for proactive system operation
- Our certified measurement & Verification professional will measure and verifies the energy savings achieved due to implementation of the energy saving measures.

Energy Assessment

Our retrofit and controls solutions focus on major end users of electricity and water consumption.



Data Driven Approach

We have reduced the energy consumption of our client by 30-20% through scientific way. Few of the sample analysis as an outcome of an extensive energy analysis is shown below.

Heat Map Analysis	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Chiller	Green	Green	Green	Yellow	Yellow	Orange	Orange	Orange	Red	Yellow	Yellow	Yellow
Chilled water pump	Green	Green	Green	Green	Green	Yellow	Yellow	Yellow	Yellow	Yellow	Green	Green
CT fan & condenser pump	Green	Green	Green	Green	Green	Green	Green	Green	Yellow	Green	Green	Green
FAHU/FCU	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red
Others	Orange	Orange	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow

The heat map analysis of critical equipment indicates the monthly electricity consumption pattern which helps to identify the gaps in the existing equipment performance and scope of opportunity.

COMPREHENSIVE SUSTAINABILITY OFFERINGS



ENERGY EFFICIENCY PATHWAY



INDUSTRIES SERVED



Connected Sites & Infrastructures

- Metering system



1 Monitoring



Interactive reporting

2 Analysis



Analysts

- Data control & analysis
- Alarm signal in case of malfunction
- Corrective action plan

3 Reporting



Manager

- Creation of operating sheets
- Dispatch of operating sheets
- Emergency action plan

4 Optimization



Technical Unit

- Communication of intervention plan
- On site intervention



جيكو الميكانيكية و الكهربائية المحدودة
GECO Mechanical & Electrical Ltd.

Civil Department



A word from our General Manger

In our wide range of business, GECO Mechanical & Electrical Contracting Co. has emerged among the most respected general contracting and engineering firm in United Arab Emirates in a short span of time,

We have proved our ability to take on reasonably large complex projects and completed them on time, in the estimated budget, and at the highest levels of quality. We have some of the best engineering minds working with us together with a strong committed and highly motivated workforce.

In our Civil division, we have employed technically competent Engineers & Managers from diversified civil backgrounds who have experience in almost all fields of Civil such as: Power & Substations, Road & Infrastructures, High Rise Towers & Tunneling.

GECO M&E stands for experience, quality and international competences which can be seen in the developing economics of different emirates in UAE.

We are committed to provide a safe, healthy and thriving working environment to our employees and we are committed to our corporate social responsibilities.

Mr. Altaf Hussain

General Manager - GECO M&E LTD.

“What inspires us to build for all, including the generations today and the generations to Come”



GECO M&E Limited has a long connotation in the development of UAE. GECO M&E is part of the Albatha Engineering group which came to existence by non-tiring efforts and vision from the crown prince of Emirate of Sharjah H.H Sheikh Salim Bin Mohammad Al-Qassimi to contribute in development of UAE not only in the field of MEP, Fire Fighting, HVAC, Power but also in Civil Construction. Today GECO M&E Limited is one of the largest conglomerates in the UAE that now employs over 3,000 people. Over the last decade GECO M&E have obtained several international certification for Quality & Safety which has led to successfully fulfilling the regulatory requirement.

11/33/132KV SUBSTATION AT TILAL CITY
Client : SEWA
Contractor : GECO Mechanical & Electrical LTD.

GECO M&E has remained committed to developing the most advanced engineering solutions and systematically restructured the business for long-term growth and strengthened its finance network which led to expansion in the field of Civil engineering. In preparation, we've been innovating and adapting our business models to match the needs of customers and that align to the trends in the Power industry.

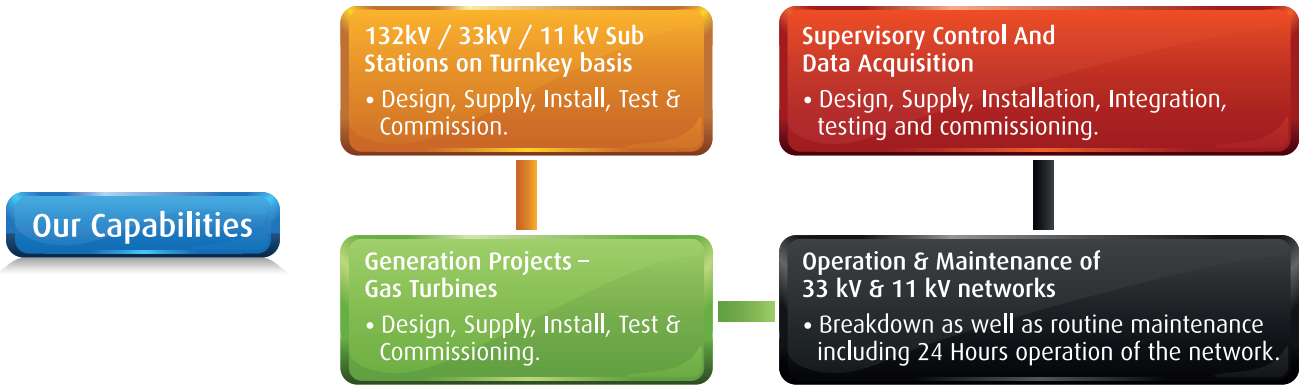
GECO M&E is one of the most established and diverse contracting companies in the region, offering unified construction services and with our Civil division combined with MEP business, HVAC, FF and BMS which has contributed significantly in the development of Government buildings, Infrastructure Projects, Power Projects for Substation starting from LV to HV range. We have built a reputation which is synonymous with quality, efficiency and speed and with a track-record of innovative and challenging projects, it is able to deliver dynamic solutions to its clients at all stages of construction.



Our strength is in our customer relationships, so we understand the never-ending push to increase productivity and cut costs. Our deep level of engagement enables us to truly envision before we build and exceed customer expectations after we do. We constantly strive for excellence not only in the fields we are working in, but we are also committed to make a positive difference in the lives of people who are working with us. Because of our pertinent existence in the market we have employed employee with up to date knowledge of their fields from different nationalities regardless of Religion, Race, Color or Sect. We also believe in maintain a best talent and in reward we offer our employees a gratifying and promising career.

11/33KV SUBSTATION AT ZAHIA2-
Client : M/S Majid Al Futtaim
Consultant : SEWA
Contractor : GECO Mechanical & Electrical LTD.





Meet Our People in Civil Division:

Mr. Aleem Khan

BS. Civil Engineering

I am delighted to introduce myself from an organization whose primary guideline is Safety First & Quality Must. I am Senior Project Manager and responsible for Design, Structure, Construction, Logistic and Project Management of Various complex projects such as: Power Plants and Substations up to 132kV. I am equipped with 32 years of construction experience of different/complicated and big Projects like Power Stations, Tunnels, Road & Highways, High Rise towers, infrastructure, airports and labor accommodations constructions with various esteemed organizations. I strongly believe that a good team work contributes good result to the project and organization. Hard work is the key to success. Today I am a member of GECO family which provides me a freedom of work as well as rewarding career.

Mr. Muhammad Kashif

BS Civil Engineering

I am Project Manager and responsible for Substation, Warehouses, filling stations and Building Construction. My aim is to follow and contribute well in the set goals of my organization. I too lead a team of Construction Manager, Project & Site Engineers. I always believe that a good leader of the team yields a good project result. That's why I am easily accessible to all my project mates and open to offer my advice whenever it is required. I also compensate and privilege my mates for their extra-ordinary efforts towards every milestone achieved. After joining GECO I can say that I have made a good choice where I can see myself growing regardless of time spending but completely on merit and result

Some of our Major executed Power Projects

- Expansion of Wasit Power Station Phase-V & Addition of 2 x 60 MV Gas Turbine Generator.
- Al Tai Residential Complex – Infrastructure Development Electrical Networks
- Emirates Industrial City - Infrastructure Development Electrical Networks
- Sharjah Investment Center – Infrastructure Development Electrical Networks
- Hamriya Free Zone – Phase II – HV Distribution and 132 KV Substation Works.

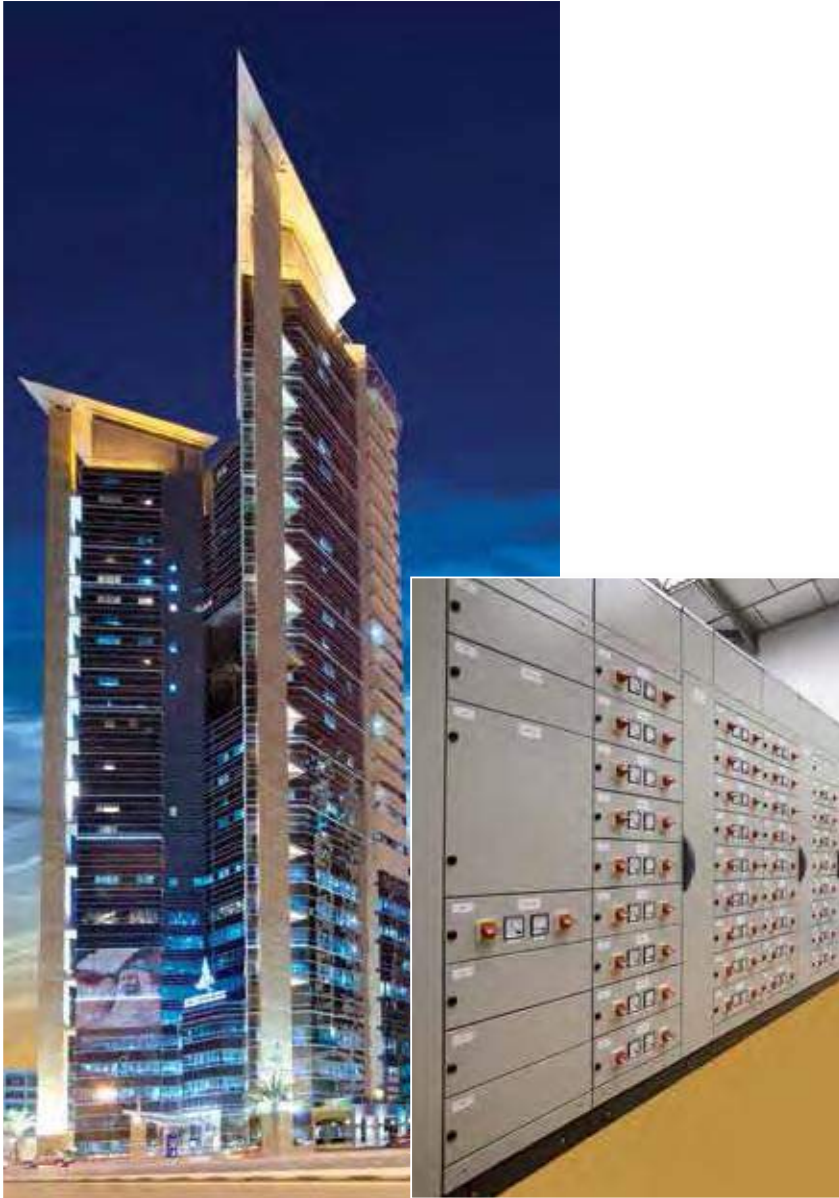
Project Details	Client	Consultant	Contractor
11/33KV SUBSTATION AT ZAHIA2-	M/S MAF	M/S SEWA	M/S GECO
11/33KV SUBSTATION AT ZAHIA CITY CENTRE3-	M/S CCIC	M/S SEWA	M/S GECO
11/33KV SUBSTATION AT RAHAMANIA MALL	M/S SHJ COOPERATIVE SOCIETY	M/S QHC	M/S GECO
11/33KV SUBSTATION AT SEYUOH3-	M/S SEWA	M/S SEWA	M/S GECO
11/33KV SUBSTATION AT AL SHOUMOUS	M/S SHOUMOUS LLC PROPERTIES	M/S SEWA	M/S GECO
11/33/132KV SUBSTATION AT TILAL CITY	M/S SEWA	M/S SEWA	M/S GECO
11/33KV SUBSTATION & CABLE WORKS IN Ajman 2 & Safia.	M/S FEWA	MS PORY	M/S GECO
11/33KV SUBSTATION AT KALBA UNIVERSITY	M/S SEWA	M/S SEWA	M/S GECO
11/33KV SUBSTATION AT JURAINA2-	M/S SEWA	M/S SEWA	M/S GECO
11/33KV SUBSTATION AT NASMA	M/S SEWA	M/S SEWA	M/S GECO
11/33KV SUBSTATION AT MUWEILLIAH5-	M/S SEWA	M/S SEWA	M/S GECO



Our Projects



Our Projects:



- >> Project Name : Sharjah Islamic Bank Headquarter, Sharjah
- Client Name : Sharjah Islamic Bank
- Consultant Name : Ian Banham & Associates
- Scope of Work : Mechanical, Electrical & Plumbing
- Value : AED 39.8 Million



- >> Project Name : Al Waha Tower, Sharjah
- Client Name : Albatha Real Estate
- Consultant Name : Horizon International
- Scope of Work : Mechanical, Electrical & Plumbing
- Value : AED 50.5 Million

Our Projects:

Project Name : **Ossaimi Apartment & Beach Resort, Dubai** <<
Client Name : Al Osaimi Investment Real Estate Company
Consultant Name : Khatib & Alami
Scope of Work : Mechanical, Electrical & Plumbing
Value : AED 61.5 Million



>> Project Name : **Le Meridien Hotel, Dubai**
Client Name : Al Wasl
Consultant Name : Archgroup/Spectra
Scope of Work : Mechanical, Electrical & Plumbing
Value : AED 39.9 Million



Our Projects:



>> Project Name : Sharjah Expo Centre, Sharjah
Client Name : Government of Sharjah
Consultant Name : Cansult Ltd
Scope of Work : Electrical & Plumbing
Value : AED 15.6 Million



Project Name : University of Sharjah, Sharjah
Client Name : Government of Sharjah
Consultant Name : Gambert Engineering
Scope of Work : Mechanical, Electrical & Plumbing
Value : AED 122 Million

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Project Name : [Sharjah Aquarium, Sharjah](#) <<
Client Name : Government of Sharjah
Consultant Name : Cansult Ltd
Scope of Work : Mechanical, Electrical & Plumbing
Value : AED 7.11 Million



>> Project Name : [Dental Hospital, Sharjah](#)
Client Name : Government of Sharjah
Consultant Name : Cansult Ltd
Scope of Work : Mechanical, Electrical & Plumbing
Value : AED 50 Million



Our Projects:



>> Project Name : Al Tayer Showroom, Sharjah
Client Name : Al Tayer Motors
Consultant Name : Godwin Austin Johnson
Scope of Work : Mechanical, Electrical & Plumbing
Value : AED 23.6 Million



Project Name : The American University, Sharjah
Client Name : Government of Sharjah
Consultant Name : Gambert Engineering
Scope of Work : Mechanical, Electrical & Plumbing
Value : AED 122 Million

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>> Project Name : Sahara Centre, Sharjah
Client Name : Al Nahda Real Estate
Consultant Name : PHB Group
Scope of Work : Air Conditioning
Value : AED 14 Million



>> Project Name : University Hospital, Sharjah
Client Name : Government of Sharjah
Consultant Name : Consult Ltd
Scope of Work : Mechanical, Electrical & Plumbing
Value : AED 200 Million

Our Projects:



>> Project Name : Al Noor Mosque, Sharjah
Client Name : Government of Sharjah
Consultant Name : Architecture Academic Office
Scope of Work : Air Conditioning
Value : AED 750,000



Project Name : Sharjah market, sharjah
Client Name : Government of Sharjah, DPW
Consultant Name : Godwin Austen Johnson
Scope of Work : Mechanical, Electrical & Plumbing
Value : AED 41 Million

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Project Name : Etisalat Academy, Dubai <<
Client Name : Etisalat
Consultant Name : Al Turath
Scope of Work : Mechanical, Electrical & Plumbing
Value : AED 48.7 Million



>> Project Name : Qanat Al Qasba, Sharjah
Client Name : Government of Sharjah
Consultant Name : Halcrow
Scope of Work : Mechanical, Electrical & Plumbing
Value : AED 25 Million



Our Projects:



>> Project Name : Hamriyah Free Zone
Phase - II extension, Sharjah
Client Name : Hamriyah Free zone
Consultant Name : SEWA
Scope of Work : Extn. 132KV bays
+ 2 nos of 33/11 KV Substations
Value : AED 69 Million

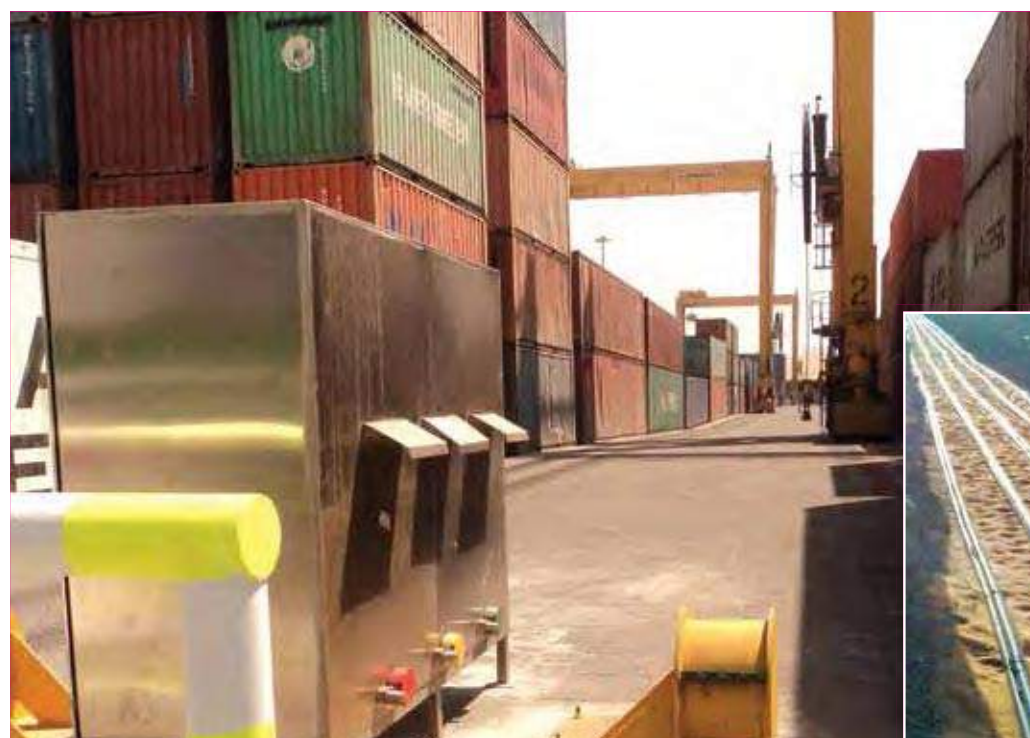


Project Name : 33KV Switching Station - JAPS, Dubai
Client Name : DEWA
Consultant Name : DEWA
Scope of Work : Construction of 33KV switching station
Value : AED 12 Million

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Project Name : Sahara Mall Phase – II extension, Sharjah <<
Client Name : Al Nahda Real Estate
Consultant Name : SEWA
Scope of Work : 1 nos of 33/11 KV Substation
with cable network
Value : AED 21 Million



>> Project Name : Substation for Khalid Port, Sharjah
Client Name : Sharjah Ports and customs authority
Consultant Name : SEWA
Scope of Work : 1 no 11 KV switching station
with cable network
Value : AED 9 Million



Our Projects:



>> Project Name : Planetarium Astronomical Garden, Sharjah
Client Name : Government of sharjah
Consultant Name : Sarraj MEP Consultant
Scope of Work : Mechanical, Electrical & Plumbing
Value : AED 22 Million

Project Name : Women'S College at Industrial Area 18, Sharjah
Client Name : Educational Investment International (Bukhatir Group)
Consultant Name : Mimar Engineering Consultant
Scope of Work : Mechanical, Electrical & Plumbing
Value : AED 18.5 Million

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License, Registration, Authority Certification, Civil Defence & International Standards

GECO has trade licenses, Civil Defence approvals and major authority certifications to operate in all the emirates across UAE. GECO has also adopted major international standards to offer the highest quality of products and services to its clientele. A list of our licenses and certifications as given below:

S. No.	Authority	Trade License	Civil Defence	Authority Certification	International Standards
1	Sharjah Economic Development Department	●			
2	Department of Economic Development Dubai	●			
3	Department of Economic Development Abu Dhabi	●			
4	Department of Economic Development Ras Al Khaimah	●			
5	Department of Economic Development Umm Al Quwain	●			
6	Fujairah Municipality	●			
7	General Directorate of Civil Defense – Sharjah		●		
8	Directorate of Civil Defense Ras Al Khaimah		●		
9	Directorate of Civil Defense Umm Al Quwain		●		
10	Fujairah Civil Defence		●		
11	Directorate of Public Works (DPW) – Sharjah			●	
12	Abu Dhabi Distribution Company (ADDC)			●	
13	Command of Military Works – Abu Dhabi			●	
14	Federal Electricity and Water Authority (FEWA)			●	
15	Sharjah Electricity and Water Authority (SEWA)			●	
16	Department of Seaports & Customs - Sharjah			●	
17	Trakhees – Ports, Customs & Free Zone Corporation Dubai			●	
18	ISO 9001:2008				●
19	ISO 14001:2004				●
20	OHSAS 18001:2007				●

Legend

● Available

Ready for the future

We will continue to shape our business, image and culture to build on our inherent strengths.

With a strong brand we can build on what we already do well.

Contact Us

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A MEMBER OF ALBATHA
ENGINEERING GROUP



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البيطاء الهندسية