Total Care

SPECIALIZED ENGINEERING

COMPANY PROFILE

Always Advancing

WWW.TOTALCARCO.COM

INTRODUCTION

To implement your strategy safely and efficiently, we collaborate closely with your design and preconstruction teams. Address contracting & services is a general contractor that works on both competitive and negotiated bid projects.

We are ready to carry out all diversified MEP works including Central Air Conditioning, Plumbing, Electrical & low current system, Fire Protection, and all related finishing and Civil works with top quality, efficiency, and productivity.

We do every kind of electrical system from medium to low voltage systems by the national and international standards.

Also, providing some substantial pieces of advice on the house finishing processes whether it was an apartment, villa, or any other type of residence. Following the process step by step, suiting all types of lifestyles and budgets.

We supply required equipment, and systems, provide designs, and supply work for projects of all sizes and levels of complexity. Working with accuracy and strictness, plus the commitment to quality, with one common goal: customer satisfaction

WHO ARE WE

Total Care Specialized Engineering is a team of reputable engineers with extensive backgrounds in engineering, construction, MEP, and energy generation. To improve the performance of construction equipment, our specialist consultants engage in open discussions with the customer to identify essential working areas and critical design needs. To extend the life of a building, cost-effective and value-added MEP technologies are installed.

Our recommendation is to always ensure your projects receive the right scope of site assessments, construction observations, and completion services, based on our years of experience providing high-quality contracting and MEP works in the Sultante Of Oman, with multi-industry projects and the least bit stages of projects. We have excellent client relationships, which is why we emphasize the importance of such services to fulfill our company's main goal: recurring purchases from our major customers.

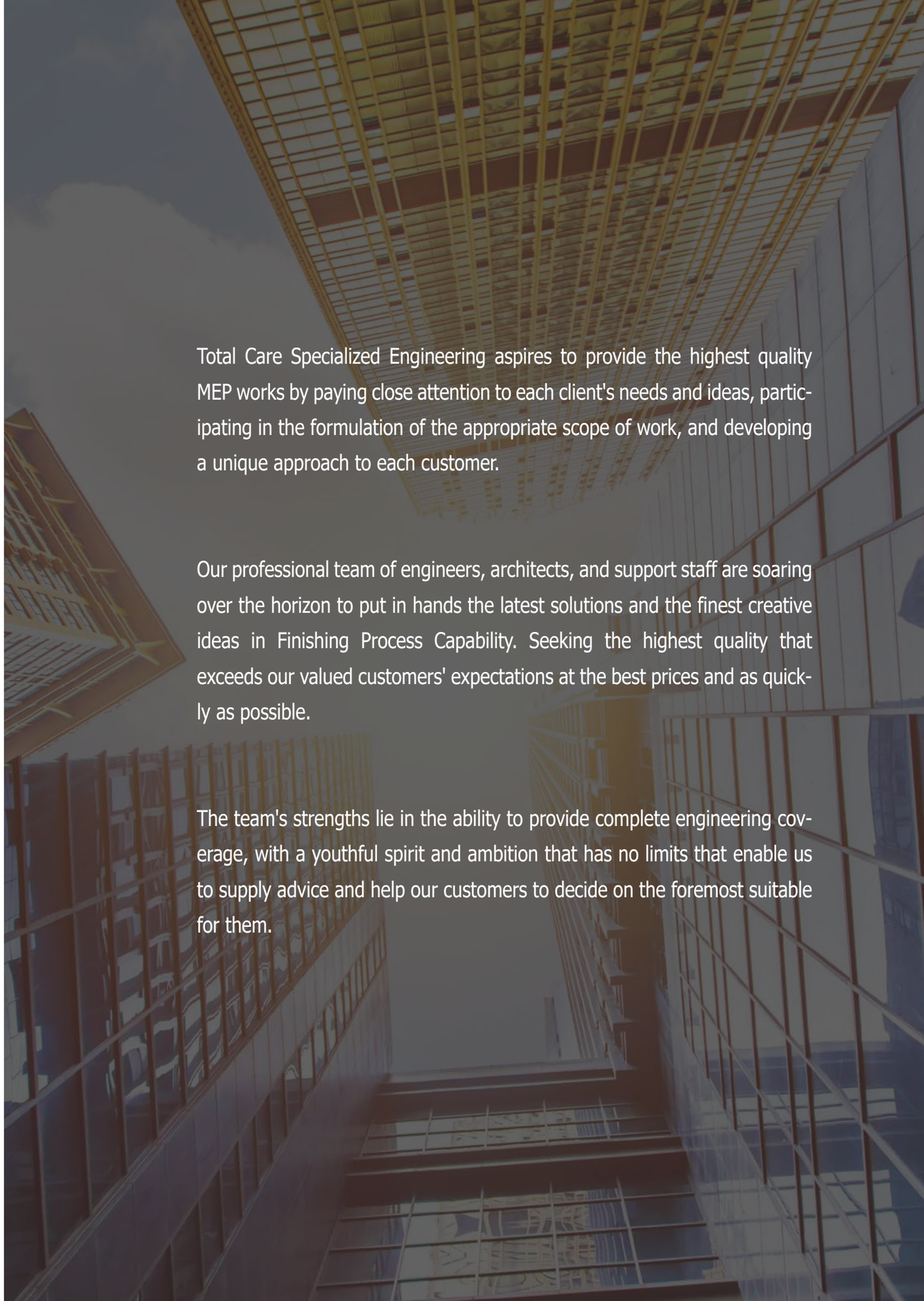


ABOUT US

What we have always strived to achieve since the establishment of our company "Total Care Specialized Engineering " is to provide exceptional results for our customers while also offering rewarding careers for our employees and gaining a fair return on the value we provide. We are dedicated to exceeding our customers' expectations by striving for excellence and redefining the standard of service.

Our company is ready to help you make your dreams come true. As your general contractor, we'll work with you to develop a strategy that's safe, efficient, innovative, and cost-effective for realizing your vision

From pre-construction to delivery, our general contracting services ensure that your project runs as smoothly as possible. Step by step we are walking together in the way, from scheduling, quality assurance, and monitoring. We are committed to fostering a safe construction site by dealing with the many specific issues that will inevitably occur



Total Care Specialized Engineering aspires to provide the highest quality MEP works by paying close attention to each client's needs and ideas, participating in the formulation of the appropriate scope of work, and developing a unique approach to each customer.

Our professional team of engineers, architects, and support staff are soaring over the horizon to put in hands the latest solutions and the finest creative ideas in Finishing Process Capability. Seeking the highest quality that exceeds our valued customers' expectations at the best prices and as quickly as possible.

The team's strengths lie in the ability to provide complete engineering coverage, with a youthful spirit and ambition that has no limits that enable us to supply advice and help our customers to decide on the foremost suitable for them.

OUR MISSION

Dedicating our knowledge, expertise, and quality to become the vendors' and customers' Oman Partner of choice and to successfully deliver turnkey MEP Engineering, procurement, and construction solution

OUR VISION

To be one of the top-most leading Companies renowned for Excellence, Quality, Performance, and Reliability within the Oman Contracting and Services Business market.

OUR GOALS

- Quality services and products control
- Long-term satisfaction relationship with all of our customers
- Delivery on time and in a very cost- efficient manner
- Operatingenergy efficiency and productivity of the property

OUR VALUES

Delivering Quality

We are continually striving toward excellence. It is essential to provide high-quality services.

To Detail

Passionate about what we do up to the littlest details because of our know-how through the years.

Sustainability

We value environmental and community sustainability.

Our company is environmentally conscious.

Our company is environmentally conscious. One of our many environmentally responsible techniques is to conserve important resources.

Maintaining sustainable operations is also part of our plan to serve our society for many years.

Trust

Integrity across all areas of the business to our clients, plus a radical follow-up of every project before and after delivery.

Anticipate Solutions

Applying innovative production methods to deliver projects with very cheap facility costs.

Innovation

Promoting employees to provide all types of services and products is the foremost innovative way.

Integrity

We believe in ourselves and can be trusted.

Our business interactions are guided by the idea of integrity. It is an unwavering dedication to clients' trust and confidentiality.

OUR TEAM

WE ARE A BIG FAMILY!

Proactive Engineering

Our team consists of professional engineers who offer lots of expertise in MEP works

Training

Ambitious and always striving to learn and develop from its abilities

Teamwork

We have strong communication skills, a courteous approach

Equality

Seeking leadership and brilliance supported a policy of motivation to lift performance and efficiency sustainably

Qualification

Quality and a spotlight on details are in our DNA

Work ethic

Working within a dynamic organizational atmosphere supported collaborative efforts to boost productivity

Working Environment

The great ability of your time management and also the ability to work under pressure

OUR DEPARTMENTS

Pre-Sales Department
(Consulting Sales)

Provides a detailed study of the market for the products and services provided. Collaborate with the marketing department to arrange joint strategies. Then provide advice to customers regarding the product. In addition to the ability to monitor and analyze the performance of the sales department, set goals for it, and submit proposals to improve it.

Sales Department

Provides technical presentations and proposals to describe products and services to clients and potential customers

Work and consult with customers and other engineers in the company's design, production, engineering, or research and development departments to assess equipment needs and determine or modify requirements for systems, products, and services to suit customer needs.

Tender Department

In tendering department, we Review tender documents, and the scope of works, check the feasibility for qualification, and financial criteria, preparing presentations, risk matrix, and pieces of information for top management to get approval for bidding.

Engineering Design Department

We work on a wide range of projects and structures in a variety of functional specializations and architectural styles, regardless of the culture of the surrounding society, and on a variety of budgets. We prepare all design schemes in various fields.

Anything to do with the building or establishment's design till it is put into action on the ground.

In this sector, all of our engineers have at least 5 years of experience, including Gulf States experience, construction principles, and municipal standards.

We strive to provide our clients with accurate and detailed information on their projects on time.

We have a team of skilled employees that helps us to provide general contracting, mechanical, electrical, and plumbing (MEP) solutions that are fully integrated. Our mechanical and electrical engineers and designers have extensive knowledge and experience in HVAC, mechanical, power, lighting, energy management and generation, and a wide range of other specialist systems.

Planning Department

Our work team in this department provides the best sequence of project activities while we make sure that they are completed on budget and on time. We also ensure that the project progress is monitored during its various stages of development while continuing to ensure that the project progress meets the pre-set schedule.

Project management department «final decision-maker»

The administrative and executive teamwork under the supervision of the project manager “highest authority in management” on organizing and managing resources. to enable the completion of the project by its specific content, considering the factors of quality, timing, and cost.

Operation department

In this department where plan, execute, and finalize all projects according to strict deadlines and within budget. This includes acquiring resources and coordinating the efforts between the team members and third-party contractors or consultants to deliver projects according to schedule. Plus, define the project’s goals and oversee quality control throughout its life cycle.

Service department

In this department, we Use various listening and troubleshooting skills and strategies to provide effective solutions to customers’ concerns. Promptly following up on service requests and providing customer feedback. our team always conducts research and attends workshops to remain abreast of industry developments.

HEALTH & SAFETY POLICY

We believe that the safety of its employees and all stakeholders associated with the Company's project sites and manufacturing facilities is of utmost importance. We have a Quality Management System which complies with:

compliance that all stakeholders ensure with all relevant statutory and other safety provisions

promote safety awareness through campaigns and training programs among employees, business associates, and clients

provide adequate resources to fully implement our Safety Policy.



ENVIRONMENTAL SAFETY

Intending to ensure safe and healthy working conditions for our employees, we have adhered to OSHA standards by educating and training employers and employees to monitor and comply with necessary policies and guidelines.

O



OCCUPATION

1. Educational and advisory forums and seminars presenting safety information
2. Create a system for keeping files and records

S



SAFETY

1. Barricades and guardrails around work areas
2. Engineering and administrative controls
3. ELCBs and circuit breakers for electrical work
4. Supports for excavations
5. Marking of traffic lanes at sites

H



HEALTH

1. Personal protective equipment
2. Personal hygiene
3. Job rotation to limit exposure
4. Strict handling of chemicals, fumes, emissions, and hazardous waste.

A



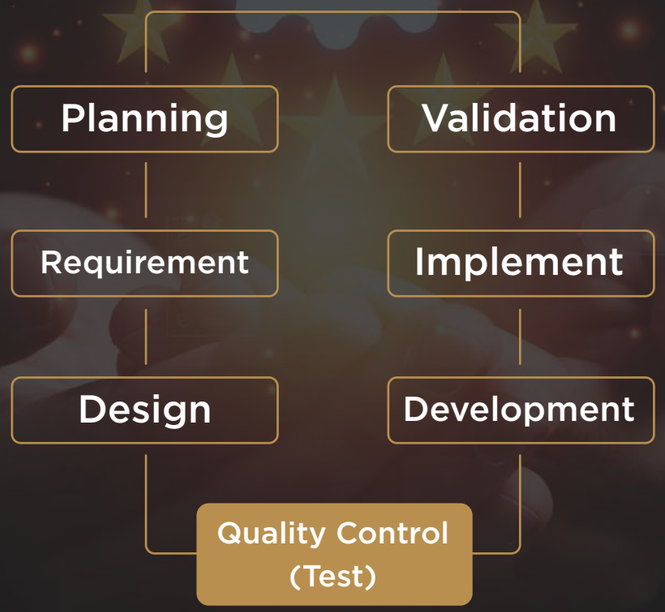
ADMINISTRATION

1. Develop a plan for periodic inspections
2. Strategically identify workplace hazards
3. Assessing the current risks of routine, non-routine and possible emergencies

QUALITY

ASSURANCE AND CONTROL

Adopting the procedures that confirm the implementation of the project with the required quality by setting standards to measure the quality of the executed works and setting up an effective administrative system with full compliance with the instructions issued by the supervisory authority



MEP COORDINATION

PROCESS CYCLE

Sales technical study:
- Quotation
- Technical proposal

1

Develop the project conceptual design, depending on:
- Budget
- Client review

2

Develop the Preliminary design, after the client approved the design solution & requirements

3

- Re-Coordinate Design Information among Disciplines.
- Develop workflow program for implementation phase.

4

Implementation of service with preparing plans, financial documents, and records..

5

Prepare the Detailed Design and the construction documents like drawings, models....

6

Prepare
- bill of quantities
- final cost with the client before the implementation

7

mention any amendment to the executive orders

8

Post-implementation stage:

Monitoring the service after implementation and performing the necessary maintenance operations

SCOPE

HVAC Works

HVAC System

Our technicians are equipped with state-of-the-art HVAC tools and the experience needed to handle any size of residential, commercial and industrial heating, and air conditioning system.

Refrigeration

Mechanical refrigeration equipment accomplishes cooling with common environmentally friendly refrigerants used today are VRF (Variable Refrigerant Flow) systems, so each area of your space is consistently comfortable with well-controlled humidity and no hot or cold spots.

Chilled Water Networks

Using these chillers which are located remotely at a distance from the controlled space; reduces noise, simplifies refrigerant handling, eases maintenance, and improves reliability.

Air Handling Units

We can provide energy-efficient installation, maintenance, and repairs to air handling units, by improving the air quality through outside air and filtering

Load Calculations

A team of engineers expert in accounting for total BTUs and cubic feet per minute (cfm) of air conditioning and heating, by factoring in the building envelope, insulation levels, and window and door air infiltration.

Equipment Selection

Our engineers are familiar with original equipment manufacturers (OEM) and will avoid cost overruns caused by unnecessary and oversized equipment.

Distribution Equipment

We are trained to determine and layout of air distribution patterns for the precise location of major equipment, supply registers....etc, along with the creation of the schedules and speculations that can be used for cost estimations and supplier bidding.

System Duct Routing

We complete set of mechanical HVAC Floor plans is created with specialized CAD software to be used for project construction.

Indoor Air Quality

Our IAQ strategy includes advanced filtration, duct services, ventilation, and eradication to help keep your place clean, fresh and cool in all seasons.

Electrical Works

Medium and Low Voltage Distribution

Our electricians are experts in cable installation and termination, transformer installation, switching unit and gear installation, and building/installation of substations.

Indoor & Outdoor Lighting

Whether you're looking for commercial or home lighting installation, We have the experience and expertise to install all of your lighting needs, whether they be inside or outside.

Closed Circuit Camera and TV Systems

Using the strongest CCTV equipment on the market, we supply and install video surveillance systems for both business and home today!

Electrical & Low Current

Headed by professionals and skilled technicians with expertise in the installation of main / Sub-main and Final distribution panelboards, earthing, and lighting protection works. And telecommunications (communications & data)/ IT Systems, and others of electrical & Low Current installation work.

BMS

Providing complete Turnkey BMS projects, incorporating building control, energy management/ monitoring, and access control systems, from system design and specification to installation and commissioning.

Plumbing and Drainage works

H&C water Supply Systems

Installation of Hot water & Cold water systems by using PVC, PPR, Cu, Pex system

Water Filtration Systems

From installing fully equipped water treatment systems to designing custom water systems, we offer comprehensive installation services for commercial properties, industrial companies, and manufacturing facilities

Irrigation Systems

We design and install complete custom-built irrigation systems specifically tailored to our customer home's landscape and the terrain of your property.

Drainage

We are experienced in installing new drainage systems, establishing your needs, we'll get the work done in a timely fashion whilst making sure the pricing is honest at all points so there are no surprise costs.

Water Treatment System

Install, Connect & Start-Up Softeners complete with all accessories to remove calcium, magnesium, and certain other metal cations in hard water.

Energy works

Energy Efficient Air Conditioning

One of the best features of air conditioners is the energy-saving mode, which means that after your area has cooled down, the unit will turn off not only the compressor but also the fan, saving electricity.

Energy Efficient Lighting

Energy efficient lighting can help you save money on electricity while keeping a high level of light quality and quantity.

Solar Panels

We provide efficient solar panels which provide more electricity while taking up less area.

Water Efficiency

Maximizing the value of available resources by minimizing resource consumption and the pollution and environmental impact of water use in the production of goods and services at every stage of the value chain, as well as in the supply of water services.

Retrofit Study

We can prepare a retrofit study that will improve the building's performance and provide better amenities for the building's residents.

ROI Analysis

The analysis is based on manufacturing clients' self-reported survey findings, which provide estimates of the impact of MEP services and activities on their businesses in terms of jobs, sales, investments, and cost savings.

Fire Fighting & Alarm Systems Works

Security Systems

Our goal is “TOTAL SECURITY” by ensuring every detail is covered. We design your custom system, install it, and then monitor it by following up on every crucial alarm signal.

Fire Detection & alarm systems

Carrying out fire risk assessments to identify any potential fire hazards, we are offering a comprehensive design, installation, maintenance, and commissioning for all categories of fire alarm detection.

Fire Fighting Systems

Different types of fire fighting systems have been installed by our technicians such as wet pipes system, dry pipe system, Foam, NOVEC system and foam system.

Finishing Works

Facing

We can provide face masonry that has the look and feel of classic stone but with the performance, longevity, and minimal maintenance characteristics of modern materials.

Plastering

Painting and plasterboard work is done by our professionals using conventional, decorative, and unique plaster. Standard plaster is used to level walls and ceilings in a variety of settings, as well as to finish facades. We can carry out a wide range of interior design solutions for plastering work with decorative materials. Buildings and premises can benefit from the use of special plaster (for instance increased waterproofing).

Flooring

The finishing material we use over the floor framework is known for being long-lasting, moisture-free, attractive, and low-maintenance.

Wallpapering

The company is in charge of obtaining, supplying, shipping, and delivering all labor, materials, tools, and equipment needed to complete the project. To undertake wallpaper work, all wallpaper installers must be certified.

Glazing

Our glazing contractor whose services are unrestricted in the execution of contracts requires the experience, knowledge, and competence to install, attach, maintain, repair, construct, alter, extend, or design in residential and commercial applications without regard to height restrictions.

Ceiling Work

Since ceiling finishes significantly impact your project's elegance, we take care of every detail, small and large, in the finishing of your project. We offer you plenty of ceiling finishing options such as gypsum ceiling finishes, stucco finishes, as well as wood, tile, and metal.

Painting

Following the best modern methods used in the field of painting. With best dyers specializing in new paints and modern styles that contribute to positive results, great mastery, and speedy completion of work to the fullest. Keeping updating with the era of fashion and its special colors in paints, considering the personal taste of each of our clients.

Decoration

We have a leading group of creative designers, technicians, and craftsmen with experience in this field. By using the latest decoration techniques and implementing the most luxurious designs in a modern and elegant way, with attention to the smallest details

Fixtures

It's the most fun part of the build though. It begins with choosing the main color scheme first until to pick your power outlet covers. Those fixtures and fittings makes your project look more elegant. So, we are ready to help you select the fixtures including hardware, cabinetry, backsplashes, and faucets.

insulation

Our dedication to excellence and quality has resulted in our team a diverse range of services that include thermal insulation systems and concrete repairs. Especially waterproofing services with Bitumen layers, PVC, HDPE, and EPDM. Plus, cement proofing system. For thermal insulation, we use expanded boards, extruded boards, and polyurethane with different thicknesses.

Our Best Roofing Services In Oman

Our Best Roofing Services In Oman
While working with us, you can be assured that the quality of work be best available in Oman. Because the technicians & Engineers are highly skilled & experienced.

Concrete Roof Waterproofing
Choose our concrete waterproofing services for roof leakages, water tank leakage & concrete structure water-proofing.

Warehouse Roof Waterproofing
Recommending our warehouse roof waterproofing services for warehouses made of metal, concrete & woods.

Villa Roof Waterproofing
Don't let your dream home leak water & rust the structure. Get our best villa roof waterproofing service now.

Re-Roofing
Hire our highly skilled and experienced technicians to take care of your re-roofing service for best quality in Oman.

Metal Roofing
Metal roofing needs in-depth understanding of base structure & offer the structure-based roofing service.

GRP Lining
Get best GRP Lining installation done by the expert of the domain in Oman. We also provide free site audit

STRUCTURAL STRENGTHENING & CONCRETE REPAIRING

We have skilled team & qualified engineers in our division of Structural Strengthening & Concrete Repair. We undertake jobs for rehabilitation and restoration using convenient and economic method of improving structural performance. Water Seal uses the latest technologies to develop innovative strategies to restore or add load-carrying capacity to bridges, buildings, parking facilities, silos and other structures.

Our Range of Solutions Include:

- Concrete Repair
- Structural Strengthening by Using Carbon Fiber
- Dry Crack Injection
- Polyurethane Leakage Injection
- Industrial Flooring & Coating
- Anti-Static Flooring System
- Self-Levelling Flooring System
- Car Park Floor Coating & Line Marking
- Kitchen Flooring system
- Protective Coating
- Polyurea Coating
- Polyurethane Waterproofing
- Joint Sealant works
- Grouting and Anchors









Energy & Industrial Markets

Energy & Industrial Markets offers a comprehensive range of services to serve our clients. We respond promptly and provide effective solutions on a wide variety of supply and service requirements, harnessing our local industry knowledge to serve our market segments.

This include the areas of:

- Oil & Gas Infrastructure & Utilities
- Electrical, Mechanical, & Construction Materials
- Specialized Building Materials
- Industrial & Construction Supplies
- Machineries & Power Generation






PLANT & PIPELINE (Installation and Maintenance)

We are a diversified company having the experience, specialist skills and our own fleet of latest equipment for executing any Infrastructure project from conceptual stages to hand over. In the plant pipeline and Infrastructure construction works,

major services we provide includes.

- Engineering, Procurement & Construction of Pipeline and plant piping works
- Tank Fabrication, Erection works
- Metallic and non-Metallic Pipeline
- Electrical, Instrumentation and Telecom works
- Fabrication works (Pressure Vessel, Skids etc.)
- Pipeline and Plant Maintenance works






WHAT WE DO

These are our services:

Consultation

Installation

Technical Study

Site Supervision

Design & Planning

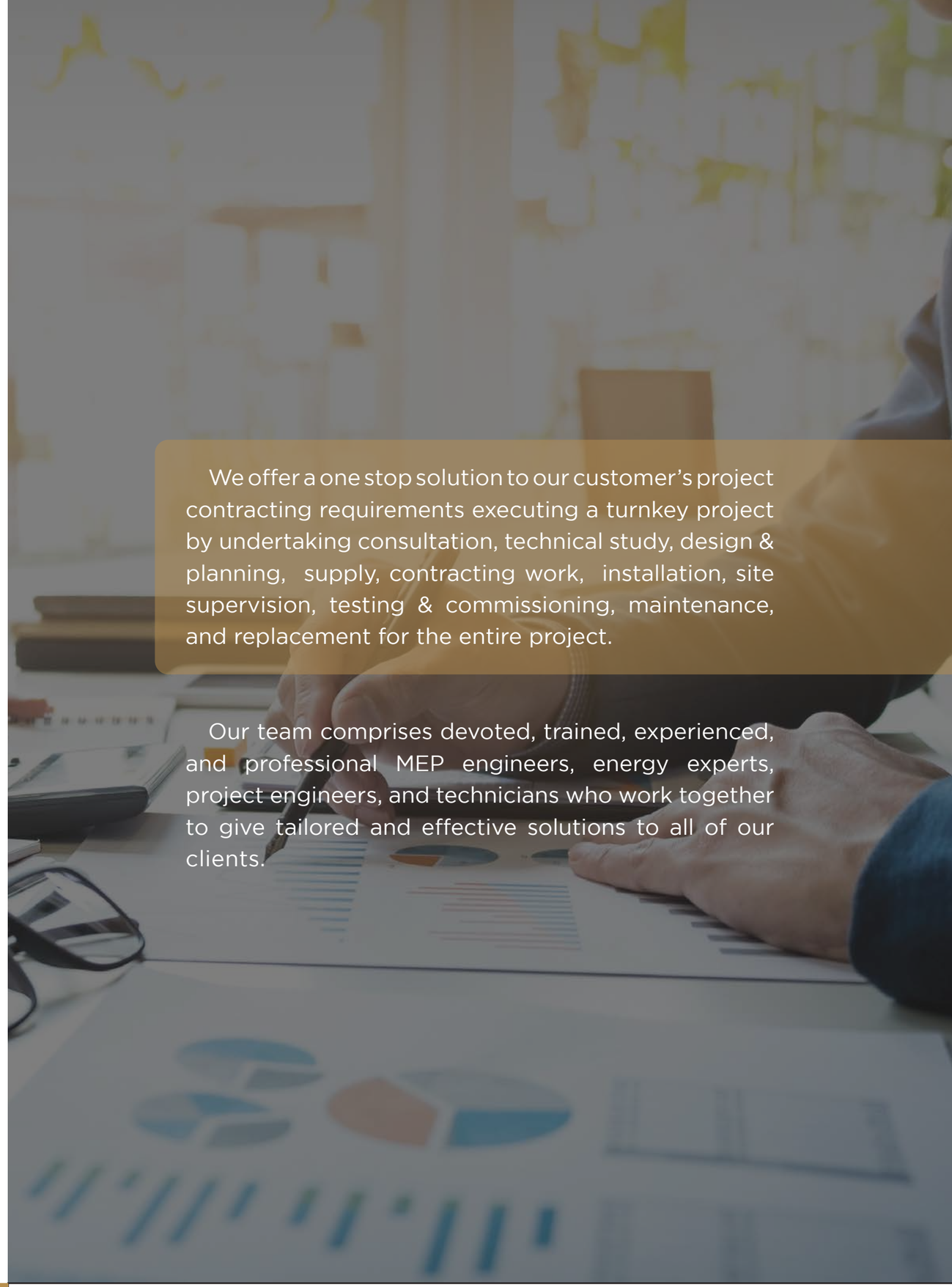
Testing and commissioning

Supply

Maintenance

Contracting work

Replacement



We offer a one stop solution to our customer’s project contracting requirements executing a turnkey project by undertaking consultation, technical study, design & planning, supply, contracting work, installation, site supervision, testing & commissioning, maintenance, and replacement for the entire project.

Our team comprises devoted, trained, experienced, and professional MEP engineers, energy experts, project engineers, and technicians who work together to give tailored and effective solutions to all of our clients.

CONSULTATION & TECHNICAL STUDY

Our consultants provide advice to clients to assist them to enhance their operations, profitability, management, structure, strategy, and quality. Throughout the whole development process, including concept/initiation, feasibility, design, procurement, construction, and post-construction, our consultants are engaged.

To improve the building's functionality, Address Contracting & Services provides MEP consultancy that analyzes the important mechanical, electrical, plumbing, lighting, and HVAC systems to ensure that all the systems are designed and installed to have energy efficiency and economical feasibility.

Our MEP specialist engineers can do complete due diligence and audit and provide the most cost-effective solutions for the property, as well as measures to reduce operational and maintenance costs. According to a complete examination of current infrastructure and recommendations, an effective Building Management System (BMS) is critical for the building's safety and efficiency, as well as the occupants' well-being.

DESIGN & PLANNING

Our designers have the knowledge and experience to turn your ideas into reality. We can manage both parts of a project from the start thanks to our design services. Using precise floor plans and renderings, we can help bring your idea to life with our designers and CAD tools. We'll work with you on the layout, colors, materials, and anything else you may require or desire. We'll see that custom design through to the finish of the build with our expert staff and on-site management once we've hammered down a design you like.

All of our engineers have high experience in the field of designing and studying project loads through the latest engineering programs specialized in our field according to international specifications and internationally recognized codes.

In Total Care Specialized Engineering, the MEP systems of a building are planned, designed, and managed. Those are the competencies that an MEP design firm specialized in. Mechanical, electrical, and plumbing engineering consulting businesses, as well as mechanical, electrical, and plumbing engineering consulting organizations, are vital throughout the construction process. They help with decision-making, budgeting, construction administration, paperwork, building management, and building maintenance. The commercial and large residential HVAC projects require experienced and professional designers and drafters. Our HVAC design team is the best in the business in designing through the four phases of HVAC systems by not only having the technical expertise to correctly create HVAC cad drawings but also knowing the undisclosed industry rules and best practices that are gained through the experience that our team gets it over years of work

SUPPLY

PRODUCT SUPPLY

We support our customers and consultants in the pre- design stage, design engineering, technical support, preparation of shop drawings and as-built drawings, technical submittals, obtaining approvals, supply world class products to our customers, right up to finishing, and commissioning the entire system.

Supply of world-class HVAC products from globally renowned suppliers

We carry various HVAC supplies to serve our customers' needs in commercial and residential projects. We also offer a large selection of HVAC equipment, replacement and installation parts, and accessories suitable for a range of systems and applications.

We are ready to help in locating the part or product that our customers need, contact our customer service team dedicated to helping you with your projects

SUPPLY

WE DO

VRV System

By uniting advanced software and hardware technologies for greater energy savings during actual operation and comfortable air conditioning.

HMX System

We provide engineered products and services that are eco-friendly and use the world-renowned DAMA technology in engineering and commercial building.

Ducts

We offer a full line of ductwork accessories, including Duct Tape, Duct Sealer, Sheet Metal Screws and all the necessary Sheet Metal Tools needed for a professional duct installation.

Air distributor products

We are a full-service supplier for all work in Plan & Spec and Design Build with expertise across a range of industry leading air distribution equipment

Finishing materials

We have been delivering building supplies to customers all around Oman. You will discover finishing goods to finish your project in our catalog, but never your wallet. The products are distinguished by their great quality and low price. We promise on-time delivery and loading, as well as competent assistance, transportation insurance, and, most importantly, we will handle all of your customs requirements.

CONTRACTING WORK

We can finish any structure down to the tiniest detail and the finest finishing touches that only skilled designers would handle. We feel that the smallest details add a lot of charm to a design, which is why we strive to provide our clients with the highest quality and beauty - from the first concept to the final product.

Total Care Specialized Engineering offers complete contracting solutions for commercial and residential buildings, group villas, hospitals, shopping malls, high rise towers, infrastructure, and industrial projects, including design, supply, installation, testing, and commissioning of MEP systems such as Electrical, Fire Alarm, Low Current, Plumbing, Drainage, Fire Fighting, and HVAC as per the requirements of Oman local authorities.

We do:

Quality Management System

Monitor the status and qualifications of contractors' machinery, equipment, tools, and technical personnel, and ensure that are on the job at the required time and in proper condition

Documentation and Record System

Ensure timely submission of documents to be submitted by suppliers and contractors; review, and approve the submitted documents. Then prepare an archive of all records to document the construction and site activities progress and implementation

INSTALLATION & SITE SUPERVISION

We execute projects on EPC (Engineering, Procurement, and Construction) basis in industrial, commercial as well as residential sectors, for our customers in various segments in the Kingdom. To assure project delivery, the Address Contracting & Services team is ready to begin all of its site supervision services. At a low cost, we provide site supervision services. Our supervisors have extensive experience and training.

Our Installation Services are

- **New Installations**
- **System Upgrades**
- **Replacement Parts & Components.**
- **Servicing & Maintenance**
- **All Types of HVAC equipment including VRV/VRF/DVM system**

Our Site Supervision Services are:

Quality Inspection

Our supervisors inspect the health and safety of the workers and ensure that everything complies with the Chicago Building Code.

Flawless management

Our supervisors have a lot of expertise and know-how to run a project smoothly. They direct workers and contractors to ensure that proper progress is made.

Timely Completion

Supervisors oversee material delivery, personnel, and dispatchers to ensure that the project is completed on time.

TESTING AND

COMMISSIONING SERVICES

Commissioning Management's major goal is to manage and track individual project commissioning operations, which is critical to a project's success. Depending on the project requirements, Total Care teams are involved at various stages of the project. The services begin with design and planning and conclude with paperwork for handover. Our highly skilled staff contributes to site efficiency and value by providing specialized testing and diagnosis services for one of the largest construction projects on the job.

Total Care Specialized Engineering takes air and hydronic measurements on MEP systems and adjusts flow rates as needed to ensure the building's environmental equipment functions at its best. In addition to the LV and HV systems' electrical metrics. We ensure that the environmental systems within the buildings work at a cost-effective level.

Total Care Specialized Engineering adheres to international standards and employs calibrated instruments to precisely measure flow rates in MEP systems in order to assess equipment and system performance.

The following are some of the advantages of performing test and balance processes on your heating and cooling systems:

- Boost The Energy Efficiency
- Improved Air Quality
- HVAC Equipment that has a Longer Lifespan
- Comfort in the Workplace

MAINTENANCE & REPLACEMENT

The finishing works and renovations segment of Total Care Specialized Engineering comprises a variety of services. As a result, the client can take advantage of a fully integrated and multi-service offer.

By creating a thorough understanding of your individual property and demands, the professional engineers at Total Care Spec will strive to guarantee that all of your MEP existing systems are in proper operating order.

The services provided are intended to guarantee that preventative and corrective actions are done at the right times. When it comes to maintaining these systems, you must make sure that everything is working properly.

This can assist to lower the chances of a system failure, which might cause serious damage to your house or business.

We also undertake annual maintenance contracts, supply spares, provide comprehensive HVAC services to existing systems, install and maintain all the HVAC products and projects in the Sultanate of Oman. our target is to extend the system's lifespan and save you hundreds of Riyals on unexpected repairs. On the business side of things, keeping your commercial HVAC system in good condition is essential to employee and customer satisfaction and to preventing unexpected downtime. We have fully licensed personnel provide a comprehensive range of mechanical, electrical, and plumbing services across all building types and sizes, including installation, repair, and replacement of building systems.

Heating and Air conditioning Repair

We do our best to accommodate your schedule when setting appointments, and a service tech is on call 24/7 for a fast response to emergency situations air conditioning & heating repair air conditioner.

Commercial HVAC

Our service technicians have an advanced knowledge of commercial equipment and can troubleshoot interconnected systems supporting several different temperature zones.

Preventive Maintenance

Our team applies a scheduled and regular preventative maintenance program which is a smart investment that pays big dividends by reducing overall maintenance costs, increases system uptime and improves productivity of your material handling system.

DAIKIN CHILLERS

Daikin chillers are engineered with leading technologies to provide energy-efficient processes and comfortable cooling and heating that the customers can rely on.

Daikin chillers use advanced heat pump and inverter technologies, and optional heat recovery to optimize the unit's performance and manage energy consumption, and running costs, and reduce carbon emissions.

The heat pump technology uses renewable energy sources to save energy and cut costs. The inverter technology enables the unit to work at partial capacity, which reduces your energy consumption, running costs, and CO2 emissions by up to 25%.



DAIKIN CHILLERS

1 Air cooled chillers

- Ideal for small, medium-sized, and large applications
- Outdoor installation
- Energy efficient
- Choose cooling-only or heat pump
- Select units equipped with inverter technology
- Choose between a swing, scroll, or screw compressor



2 Water cooled chillers

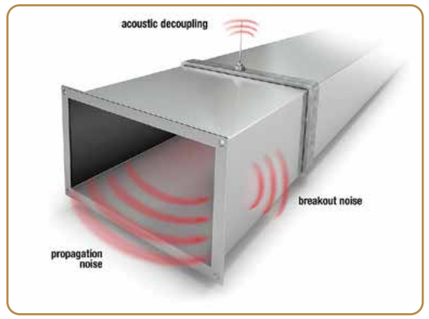
- Ideal for medium-sized and large application Indoor installation
- High energy efficiency
- Choose cooling-only or cooling/heating-only
- Select units equipped with inverter technology
- Choose between a scroll, screw, or centrifugal compressor



Air distribution products

To distribute the air uniformly over the complete span of the catered area, we use high quality air distribution products from reputed suppliers across the globe.

Various type of thermal and acoustic insulation for the ducts





Volume control dampers

Various types of supply and return air diffusers



Air distribution products

Various types of supply and return air grills





Diffuser and grill collars



Air balancing dampers

Air distribution products

To distribute the air uniformly over the complete span of the catered area, we use high quality air distribution products from reputed suppliers across the globe.



Jet nozzles and nozzle diffuser

Fire and smoke detection dampers





Louvers and sand trap

Piping and associated fittings

We also supply and install all the plumbing material under our MEP scope of work. Our offerings include:

a GI, CI and SS metal piping

b Copper piping for refrigerant

c UPVC and CPVC piping

d Plumbing accessories such as elbows, couplings, nipples, reducers, unions, tee joints, etc.

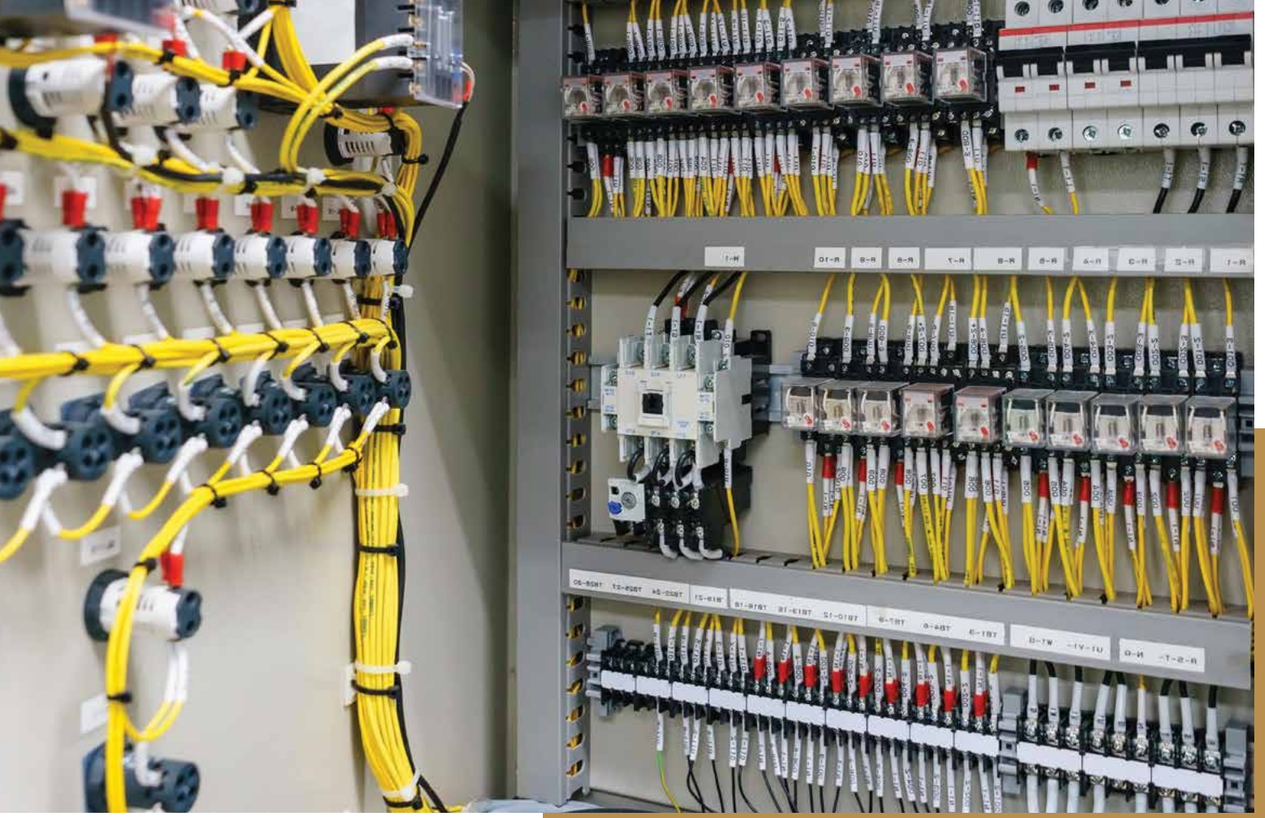
e All types of associated valves such as ball valves, gate valves, butterfly valves, non-return valves, globe valves, pressure relief valves, etc.











Closed-circuit camera and television systems:

We have the latest CCTV equipment and we supply the complete video surveillance systems for commercial and residential applications.

Lighting:

We supply all the latest, economical and energy-saving lighting solutions for commercial and residential applications, both indoor and outdoor.

Electric control panels:

We supply and install the control, power and distribution panels with reputed brand components that meet the needs of the customers.

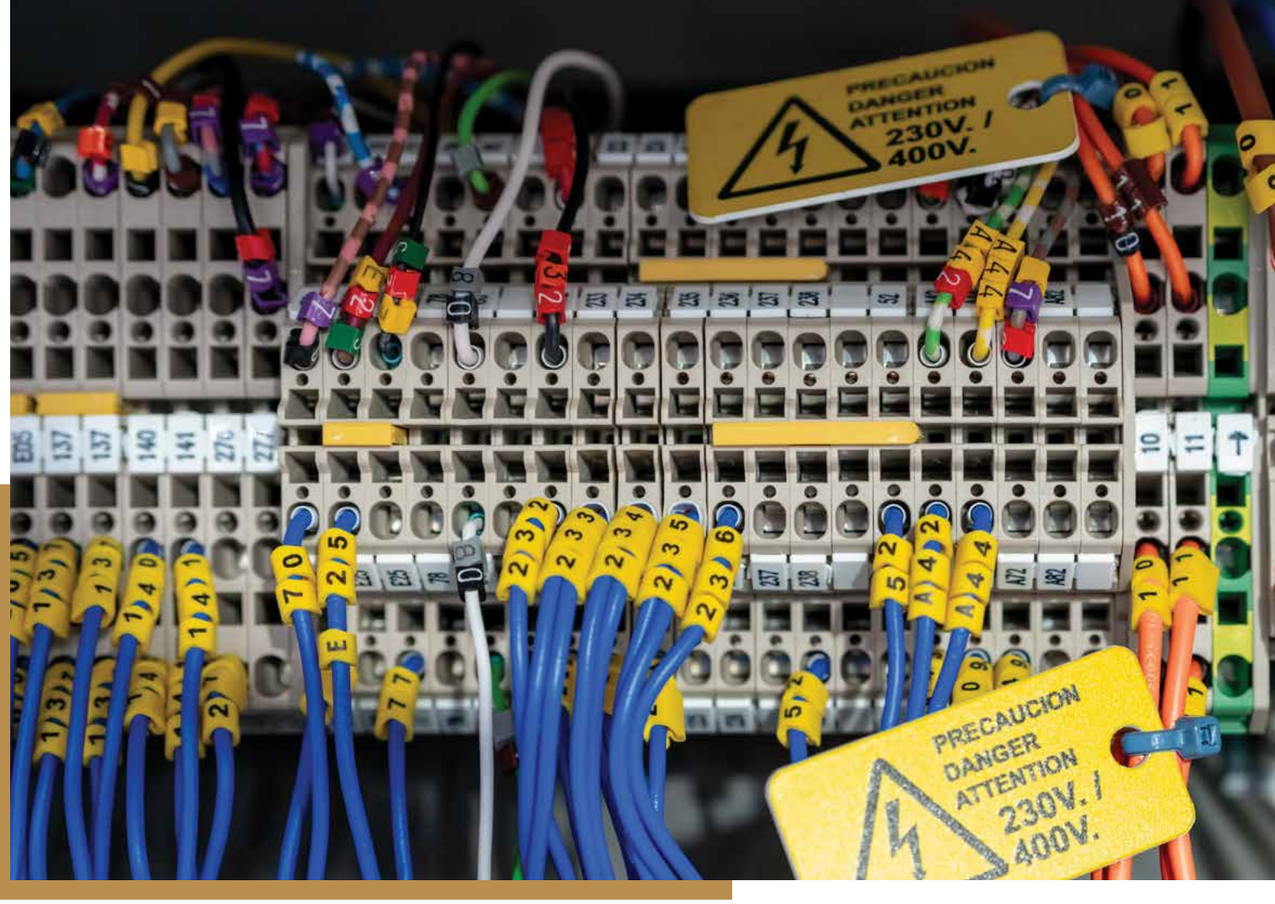
Medium and Low voltage distribution:

We supply cables, termination, switchgear, relays and complete electricity distribution equipment.



Low current and electrical solutions:

With our team of experts in the field of electrical engineering, we supply and install main/sub-main and final electrical distribution panelboards with earthing and lighting protection work, in addition to telecommunication and IT systems.





BMS:

We supply complete turnkey solutions for Building Management System projects, including the building control, energy management & monitoring and access control systems.

Fire fighting:

We supply and install the complete range of fire fighting equipment to enhance the complete security of a commercial or a residential building. We have different types of systems and a wide variety of equipment.

1 **Water sprinklers** - water sprinklers serve as the first line of defense against sudden fires. We supply both wet sprinkler systems and dry sprinkler systems.

2 **Fire pillar hydrant**

3 Fire hose cabinets

4 Water fire extinguishers such as water jet, water spray, water extinguishers with additives, water mist, or fog.

5 Fire alarm system with beam detectors, manual call points, alarm control panel, and an alarm bell.

6 Conventional heat detectors, horns, and strobe.

7 Smoke detectors.

8 Emergency and exit signs.





Finishing:

The primary finishing materials used in a modern building are : mortars and concretes finishing, both natural and artificial masonry materials, ceramics Materials, materials and objects made of wood, wallpaper, glass, plastic, and metals, gypsum, as well as paints and varnishes.



Mortars and Concretes Finishing Materials:

To get the final coat, internal and external walls must be properly finished and leveled. In order to provide plastering and mortar mounting block solutions with the best leveling, adhesion, climatic resistance, and finishing.

Walls can be coated or tiled after being plastered, depending on the project's requirements.



Natural and Artificial Masonry Finishing Materials:

Natural stone is a common finishing material since it is long-lasting and appealing to the eye. Granite, syenite, gabbro, limestone, marble, terrazzo, and quartzite are used to make facing items. The outside and interior facings of walls and floor coverings are finished with natural stone materials.



Ceramic Finishing Material:

Ceramics ar the most frequently used artificial stone finishing materials. They are used for both interior and exterior finishing on residential and public buildings, including facade slabs and tiles, decorative inserts, and face brick (glazed facing tiles and floor tiles).





Wood Finishing Material:

We offer decorative plywood, veneer, parquet, chipboard, and fiberboard as well as railings, plinths, and finish casings as wood finishing products. Materials used for wood finishing are renowned for their outstanding beauty and functionality. In addition to using ornamental native woods like oak, beech, and walnut, facing items are also made from skillfully processed common species like birch and pine. Applying paint and varnish coats as well as wood preservation treatment extends the useful life of wood finishing materials.





Wallpaper:

Wallpaper comes in a variety of kinds and is frequently utilized to finish interior spaces because of its low cost and labor-intensive nature.





Glass Finishing Material:

For the external finishing of public buildings and structures, we offer glass finishing materials with a variety of colors, great service capabilities, and durability (window glass, stained glass, Stem alit, glass blocks, marbled glass, molded glass, and mosaic glass). These goods have all been utilized in construction and are known for their superior mechanical qualities and resistance to corrosion.





Plastic Finishing Material:

They are distinguished by a wide variety of colors, product shapes, superior sanitary and hygienic characteristics, and strong corrosion resistance. Plastic sheets, washable wallpaper, Lincrusta, ornamental laminated-paper plastic, colored polyvinyl chloride laths integrated into screens, railings, plinths, and finish casings are some of the plastic materials used for interior finishing.



Metals Finishing Materials:

Metals offer exceptional finishing and ornamental qualities, but due to their high cost, they are mostly used in modern construction to decorate specialized buildings and structures. As finishing materials, titanium, stainless steel, and copper alloy sheets and shaped products are employed; aluminum alloys, notably those with a colored (anodized) surface, are particularly promising.





Paints and Varnishing:

Materials for varnishing and painting are mostly used in painting processes. In contemporary building, synthetic paints and varnishes are frequently used; they enable a significant decrease in the labor-intensiveness of finishing activities and an improvement in the protective and adorning qualities of structures.







Gypsum Finishing Material:

Gypsum plaster gives interior spaces a smooth surface and makes a great foundation for high-quality paint and wallpaper applications. It can be used on walls with smooth or rough surfaces.

Also, the gypsum board is a plaster-based finishing that aids in producing light walls or ceilings. It can produce a monolithic construction that is long-lasting once it has undergone a joint treatment technique.





WHY CHOOSE US



Our engineers take a proactive, imaginative, and commercial attitude to their work, taking satisfaction in providing technically sound, strong solutions that are also environmentally friendly. We employ and nurture some of the industry's most skilled engineers.



Providing sustainable solutions which increase productivity and reduce the cost that will streamline operations, reduce operating expenses, and conserve resources, making a company more efficient.



Whether you are looking to increase your renewable portfolio, improve energy efficiency, or decarbonize existing infrastructure, we are proud to support your dream step by step.



The collaborative work of our team members allows them to learn and grow by sharing ideas and experiences. The teamwork fosters communication, trust, support, and a healthy work atmosphere, all of which are essential for increased productivity.



We stand side by side with our customers in their journey to build their dream houses, company, or factories by enabling the supply of resources needed to make lasting positive change.



Our track record of creating commercially conscious design, backed up by a Director-level delivery team, demonstrates our ability to build long-term relationships with our clients.



We do sustainable designs, our MEP experts use renewable energy sources and environmentally friendly technology to make a building more long-lasting and valuable.

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www.totalcareom.com

JSRS joint supplier registration system
CERTIFIED SUPPLIER

ISO 9001:2015

.....Our commitment for a more sustainable future.....