



TECHTAS
ENGINEERING CONSULTANCY

ريادة هندسية في مختلف القطاعات

ENGINEERING EXPERTISE ACROSS SECTORS



TKavin Engineering Consultancy LLC



OUR NEW IDENTITY

We are excited to share a remarkable milestone in our journey. TKavin Engineering Consultancy now operates under the new brand name, TECHTAS ENGINEERING CONSULTANCY(TEC), a fully owned Local Company under SME Category.

This transformation is more than just a name change—it depicts our evolution, growth, and commitment to delivering the latest high-tech engineering solutions. The rebranding aligns with our strategic vision and mission as we continue to expand our services and reinforce our presence in the industry.

We look forward to starting this new chapter with our valued clients and partners. Stay connected with us as we continue to innovate, grow, and shape the future of engineering solutions.

OVERVIEW



At Tectas Engineering Consultancy (TEC), we take pride in bringing specialized engineering and consultancy services customized to the growing needs of Oman's industrial sector. Established in 2017, TEC is a locally owned firm built on a bedrock of proven methodologies and best practices that trace back to the early 2000s. With a team of adept professionals boasting decades of regional and international experience, we are experts in the design and engineering of Oil & Gas production and processing facilities.

Our dedication lies in building long-lasting client relationships by providing superior, tailor-made engineering solutions that align with industry best practices. At TEC, we have a diverse team of multidisciplinary engineers, covering Process, Mechanical (Static, Rotary, Piping), Pipeline, Civil, Structural, Architectural, Materials & Corrosion, Telecom, Technical Safety, Control & Automation, and Electrical disciplines.

With a track record expanding projects in Oil & Gas (onshore and offshore), Power, Petrochemicals, Water, and Utilities, we have built a reputation for technical excellence. Our proficiency extends across projects of diversified scale and complexity, utilizing proven tools, methodologies, and innovative engineering practices. By integrating individual and collective technical expertise, we deliver cost-effective, efficient, and high-quality solutions to our clients. Whether creating new facilities, optimizing existing infrastructure, or improving safety and performance, Tectas Engineering Consultancy is committed to engineering excellence that drives industrial success.

500+

PROJECTS HANDELED

1.5 M

MANHOURS WORKED WITH ZERO LTI

1.5 B

VALUE OF PROJECTS

KEY MILESTONES



VISION

Emerge as a Global Leader in Energy through Innovative Technology and Techniques with commitment to deliver in Time, Quality, Safety and Cost-Effective Solutions to the satisfaction of our customers by Organizational Excellence

MISSION

Be innovative
Enjoy leadership and freedom
Be committed to customer satisfaction and success
Build, develop, motivate and direct all resources towards this operation

VALUES

Integrity
Customer First
Quality
Corporate Citizenship

Professionalism
Individual Dignity
Respect and Courtesy



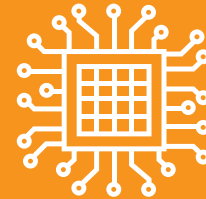
SECTORS



POWER & WATER



OIL & GAS



INFRASTRUCTURE



**REFINERIES &
PETROCHEMICAL**

OIL & GAS

TEC remains committed to delivering cutting-edge engineering solutions, empowering Oil & Gas companies, and driving sustainable advancements in the industry.

Well pads / Well sites

Flowlines / Pipelines

Gathering station and manifolds

Production and treatment facilities

Gas sweetening and Conditioning

Gas compression and export

Crude Oil Stabilization and Storage

Offsites and Utilities

Enhanced Oil Recovery (Chemical, Thermal and Miscible Gas)

Flare Gas Recovery / Monetization

Produced Water handling, treatment and injection

Gas Dehydration and Treatment

Gas Conditioning and Refrigeration

LPG and NGL recovery

Sulfur Recovery and Transfer

TECHTAS Engineering Consultancy (TEC) has extensive experience in managing end-to-end project life cycles for Oil & Gas companies, covering both onshore and offshore production and processing facilities. As a leading Oil & Gas engineering enterprise, we provide unique and efficient solutions customized to the industry's evolving needs. With a robust international presence, TEC collaborates closely with clients worldwide, ensuring seamless project execution and successful delivery. We have successfully executed complex and challenging greenfield and brownfield projects, consistently meeting the highest engineering standards. Our proven expertise spans both onshore and offshore projects. As one of the most reliable Oil & Gas engineering firms, TEC specializes in large-scale pipelines, flowlines, process modules, equipment packages, tank farms, and treatment facilities. We offer a comprehensive range of services, including:

1. Feasibility Studies & Conceptual Design
2. Front-End Engineering Design (FEED)
3. Detailed Engineering & Fabrication Drawings
4. Procurement & Supply Chain Management – Ensuring cost-effective sourcing of high-quality materials and equipment
5. Project Management (PMC/EPMC) – Overseeing project execution and delivery
6. Start-up & Commissioning Services – Supporting operational readiness and performance optimization

TECHTAS provides a full range of Design, Engineering and Project Management support for the midstream industry covering the following:

Pipeline/Receiving Facilities

Tank-farms

Terminals

Pump Station

Compressor Station

Utilities

POWER & WATER

TECHTAS Engineering Consultancy (TEC) brings extensive expertise in power generation, water treatment, storage, transmission, and distribution networks. We deliver innovative solutions ranging from small-scale renewable energy systems to medium and large-scale power plants and comprehensive water distribution networks.

As a leading OHL (Overhead Line) and utility design consultancy, we specialize in high-performance, cost-effective, and sustainable power infrastructure and building design solutions.

Our Expertise

Our highly skilled team provides engineering and project management support for a diverse range of power-generating units and their auxiliaries, including:

1. Power Plants – Single fuel, dual fuel, and combined cycle systems
2. Waste Heat Recovery Boilers (WHRB/HRSG)
3. Renewable Energy Solutions – Solar, wind, and biomass power systems
4. Barge-Mounted Power Plants
5. Seawater Intake, Water Treatment, Storage, and Distribution Systems

As a renowned and trusted OHL engineering consultancy, TEC has successfully designed and implemented overhead line (OHL) solutions for power transmission and distribution networks, ensuring efficiency and reliability.

We are a DCRP-approved consultant, adhering to the highest regulatory standards set by the Distribution Code Review Panel (DCRP). With a commitment to innovation and sustainability, TEC continues to support the evolving energy landscape, delivering customized solutions that enhance efficiency, reliability, and sustainability across the power, water and utilities sector.



REFINERIES & PETROCHEMICAL



TECHTAS Engineering Consultancy (TEC) provides end-to-end life-cycle solutions for the petrochemical sector, offering expertise in new facility construction, plant relocations, and optimizing modifications and expansions. As a trusted industry partner, we deliver tailored solutions that enhance operational efficiency and maximize plant performance.

Our expertise extends to debottlenecking and upgrade engineering, ensuring that existing plants operate at peak efficiency. We provide comprehensive support for plant enhancements, covering:

- Plant Surveys & Process Evaluations
- Process Simulation & Optimization
- Detailed Engineering & Execution

Additionally, TEC assists clients in integrating licensed technologies and developing innovative process solutions to stay ahead in the evolving petrochemical landscape. Our deep technical expertise enables superior planning, design, and engineering, ensuring long-term success.

By leveraging our technical capabilities, industry experience, and cutting-edge engineering solutions, TEC remains committed to driving optimized performance, enhanced productivity, and sustainable growth for the petrochemical sector and beyond.

INFRASTRUCTURE

TECHTAS Engineering Consultancy (TEC) brings extensive expertise in the design and development of small- to large-scale buildings and infrastructure projects.

Our highly skilled team provides engineering and project management support across a wide range of building and infrastructure developments, including:

1. Urban & Township Planning
2. Architectural & Interior Design
3. Foundation & Structural Design
4. Layout & Approach Drawings
5. Road & Building Design
6. MEP (Mechanical, Electrical & Plumbing) Design

We have successfully applied our expertise and innovative solutions to numerous infrastructure projects that enhance community well-being, sustainability, and urban development.



SOLUTION CAPABILITIES



ENGINEERING

- Feasibility Study
- Basic Engineering
- Conceptual Design
- FEED
- Detailed Engineering



CONSTRUCTION / PMC

- Project Management Services
- Construction Management
- Commissioning Support
- Startup Support
- Operator Training



PLANT PERFORMANCE

- Process Optimization
- Technical Integrity Reviews
- Asset Integrity Studies
- Debottlenecking
- Energy Auditing
- Plant Modification/Upgrades
- Asset Information Management

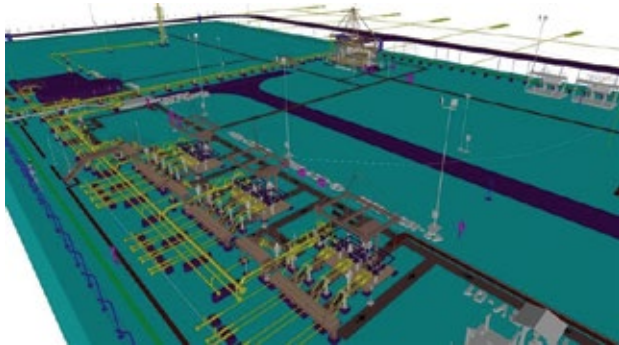


PROCUREMENT SERVICES

- Material Requisitions / Request for Enquiries
- Technical Bid Evaluation / Vendor Selection
- Vendor Documents Review
- Factory Acceptance Testing
- Site Acceptance Testing
- SAP / Asset Registration



PROJECTS



Project:

RMS/MSV Standardization for OND/OSD

Location:

ODC North and South

Scope:

Standardized RMS/MSV packages

Units / Packages:

OSD – 10 Packages

OND – 12 Packages



Project:

Debutanizer Overhead Trim Cooler and
Process Gas Air Cooler

Location:

Sohar Refinery (SR1)

Scope:

Detailed Engineering and Procurement
support

Units / Packages:

Complete Detailed Design and Procurement
support



Project:

Nimr Accelerated MSV Project

Location:

Oman

Scope:

FEED + DD

Units / Packages:

MSV Skids

Headers (CS+PE)

PROJECTS



Project:

Installation of 17 MSV Skids
& Associated Pipelines | PDO

Location:

NIMR Cluster, Oman

Scope:

FEED + DD

Units / Packages:

17 Nos, 3"x6", 300# MSV Skids
6 Nos, 6" 600# FCP Pipeline
2Nos, 8" 300# CS+PE Pipeline
4 Nos, 6". 300# CS+PE Pipeline



Project:

DE for Al-Shomou Field Development
Project -ATNM | PDO

Location:

GB Cluster, Oman

Scope:

FEED + DD

Units / Packages:

Remote Manifold Stations (RMS)
Multiphase Flowmeter (MPFM)
Dilution water system and skids
Closed drain system
Water supply network
Well Head / Flow lines / Trunk lines



Project:

GB Well Hookup and Flowlines | PDO

Location:

Greater Birba Cluster

Scope:

FEED + DD

Units / Packages:

Well Hook Up
GRE Flowlines



IN-COUNTRY VALUE {ICV}

TECHTAS is fully committed to comply with ICV requirements and develop local talents. Qualified Omanis are recruited in different disciplines of the business in the organizations. We strive to develop not only the basic skills of locals but also to cultivate leadership among Omanis



CORPORATE SOCIAL RESPONSIBILITY

TECHTAS is committed in promoting a strong culture of social responsibility throughout the Company.

The term 'social responsibility' encompasses ethical values, community responsibilities, sustainability, protection of the environment, prudent use resources, economic of natural advancement and employment.

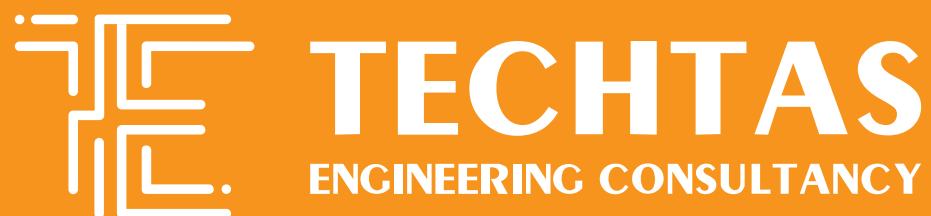
ESTEEMED CLIENTS





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A REGISTERED TRADEMARK OF

العلامة التجارية المسجلة
تكوين للإستشارات الهندسية
TAKWEEN ENGINEERING CONSULTANCY