



**Silver Star Oil and Gas Solutions L.L.C.**

## **Instrumentation & Process Control Equipments**



## **Industrial Manual & Control Valves / Safety Valves**



## **Solar Power Systems**



[www.ssogs.com](http://www.ssogs.com)

## About us



SSOGS are an ISO 9001 approved corporate entity based in Oman since 2012. The Corporation was established with a sole objective to supply high quality Automation and Controls Products, equipment and high-quality services to the Oil & Gas, Petrochemical and Utilities industries in the MENA Region with a Motto "CLOSER TO THE CUSTOMER KEY TO SUCCESS" within the Sultanate Of Oman, Neighbouring Gulf Countries and surrounding North African region.

In line with our key objective to serve the industry, maintain our focus "CLOSER TO THE CUSTOMER IS KEY TO SUCCESS". We have established our organization structure to drive the organization towards constantly adding world Class Corporation in the field of Instrumentation Controls, Automation, Valve Solution and Solar Energy to meet the expectation of customers and be in the Front to face any challenge to meet customer expectation and earn satisfaction.

Our Corporate office is based in Dubai and managed by a professional and experienced team of well-qualified Engineers and trained Technical staff to market, promote and its principle products by providing front line technical support and after-sales service to the customers.

We represent selected number of world-renowned manufacturers, suppliers specialized in serving various Engineering Products and Services, for the Oil & Gas, Petrochemical, Water and Electricity and utility sector.

**OMAN OPERATION: SILVER STAR OIL AND GAS SOLUTIONS L.L.C., OMAN**  
**CORPORATE OFFICE: S W M E CONTROL SYSTEMS TRADING L.L.C., DUBAI**  
**ABU DHABI OPERATION: TREXAVIN OIL AND GAS SOLUTION L.L.C., ABU DHABI**  
**INDIA OPERATION: VENTIL FLOW SERVE PVT. LTD., INDIA**  
**INDIA OPERATION: EFFEX INDUSTRIAL SOLUTIONS, INDIA**

An engineering team located in Mumbai, India to provide on-time supports on Design/ Engineering/Execution.

Our Mission is to be committed and continuously improve in all our business activities to serve our Customers and Provide cost-effective best possible solution and a comprehensive range of high standard performance and most cost-effective products, through our internationally recognized Principals.







## Mission

We will conduct our business activities in a manner that is consistent with the international best practices providing timely & responsible solutions, & ensuring value for money to all our customers.

We recognise that our employees are the key to achieve the goals of the organisation & we are committed to recruit, train & retain the competent people.

## Vision

A strong reputation for achievement and transformation helps us deliver sustainable growth and profit.

## Core Values



- Customer Focus
- QHSE
- Partnership
- Integrity
- Teamwork
- Valuing People
- Social Responsibility
- Competency

Consistent, innovative  
and responsible solutions Provider









## Electrical, Instrumentation & System Integration

We have built our capability to take on any critical & challenging tasks related to the markets we serve:

- Instrument Engineering / Systems Engineering Services
- Design & implementation of Process Control System (PCS), Process Optimisation System, Emergency Shutdown System (ESD), Integrated Control & Safety Systems (ICSS)
- HAZOP, HAZID, QRA & SIL Studies - Evaluation/Verification
- Design & integration of High Integrity Pressure Protection package (HIPPS) package
- Design & supply of Liquid & Gas Fiscal Metering Packages/LACT units
- Fire & Gas & Loss Prevention Studies – providing optimum coverage for plant areas for detection & suppression
- Control Room & Control Systems Hot Cut-over
- Sizing, Selection & Supply of Field Instrumentation, Control Valves, Regulators & Relief valves
- Valve automation & actuation-SSVs, shutdown valves, motor operated valves
- Design & Supply of Radio & Telecommunication systems (PAGA, VSAT, GMDSS, CCTV, PABX, FO Patch panels)
- Design to meet International Standards & Regulatory Requirements

Our expertise & experience in Electrical & Power systems can make even the complex requirements look simple:

- Electrical system design for process plants
- Power system analysis (using ETAP/EDSA)
- Short Circuit Studies, Harmonic Analysis & Solutions
- Load balancing & related studies
- Heat Trace Systems - Design, Supply & Installation
- Cathodic Protection System - Design, Supply & Installation
- Hazardous Area Classification & Installation to meet International Standards









# Capability



## Engineered E&I Packages

We offer the following fully engineered packages

- ICSS/PLC/DCS/F&G/SCADA/BMS System
- Turbo Machinery Control & Protection System
- Electrical MV/LV Switchgear
- Customised/Containerised control rooms & switchgear rooms
- Power Management System
- Solar power systems
- Gaseous Fire Suppression (FM200, Fe13, Novec, Inergen etc.)
- Wellhead Control Panels
- Pipeline Integrity Management system (PIMS)/Leak Detection
- HIPPS packages including SIL validation (Complete system including the shutdown valves, PLC logic solver & the sensors using SIL certified engineers)
- Telecom packages (CCTV/PAGA/VSAT/GMDSS)
- Power Generator Packages as per client requirement
- Liquid & Gas Metering Skids/LACT units
- Chemical Injection Skids



Taking full responsibility



# Solar Power Solutions EPC

KONIK is SWME Group is one of UAE's leading Multi technologies Group, Headquartered at Dubai, has continually developed cutting edge technologies to become one of the most preferred brands since 2004.

## Design

- Cost Estimation
- Architectural Design
- Project Feasibility Studies
- Technology

## Procurement

- Contracts Management
- Raw material purchase
- Vendor sourcing
- Quality Controls
- Storage Controls

## Engineering

- Front-end Engineering
- Planning & Scheduling
- Safety Planning
- System Integrator

## Operation & Maintenance

- Preventive Maintenance
- Performance management
- Facility Management
- Plant Maintenance

## Commissioning

- Trial Runs
- Quality Checks
- Safety Protocols
- Certifications







## Solar Power Solutions

Solar Photovoltaic power plants can be used in various applications such as residential, industrial, commercial and agriculture. Our Off-Grid and On-Grid power systems are cost effective and reliable. We offers customized power solutions according to the client's requirement.

### Solar Solutions For Oil & Gas

- Well head Control Panel
- Chemical injection system
- Flow meters
- Remote Telemetry Units (RTU's)
- And many more...

### Solar Street Lights

- Highly reliable stand-alone systems
- Zero maintenance, long life performance
- Reliable Battery backup for cloudy or rainy days
- Safe and reliable operation

## Applications



Plug and play  
Solar solution



Solar Car Park

## Products



Solar PV Module



Solar Charge Controller



Solar Batteries



Solar Mounting Structure









FEASIBILITY STUDIES, FRONT-END ENGINEERING & DESIGN (FEED)	CRUDE OIL SEPARATION
ENGINEERING, PROCUREMENT, CONSTRUCTION & COMMISSIONING (EPCC)	GAS TREATMENT & CONDITIONING
CUSTOM PROCESS SYSTEMS	HIGH INTEGRITY PRESSURE PROTECTION SYS TEM (HIPPS) - ONSHORE & OFFSHORE
ENERGY AUDITS & PROCESS OPTIMISATION	PRODUCED WATER TREATMENT
PLANT OPERATIONS	LIFE EXTENSION & ASSET INTEGRITY STUDIES
HAZOP, HAZID, HSEIA, FMEA, COMAH STUDIES & QRA	CHEMICAL INJECTION SKIDS
SIL STUDIES - EVALUATION/VERIFICATION	WELLHEAD CONTROL PANELS
ICSS/ PLC/ DCS/ESD/ F&G/ SCADA/ BMS SYSTEMS	WATER INJECTION SYSTEMS
CONTROL ROOM HOT CUT-OVER	INSTRUMENT CALIBRATION SERVICES
F&G DETECTION AND SUPPRESSION SYSTEMS	TELECOM SYSTEMS (SATCOM, VSAT, PAGA)
POWER STUDIES & POWER MANAGEMENT SYSTEM	PRODUCTION FACILITY EQUIPMENT
LIQUID AND GAS METERING SKIDS	PROCESS PLANT OPERATIONS
TECHNICAL MANPOWER OUTSOURCING	MV/LV POWER GENERATION & DISTRIBUTION SYSTEM

## OUR ASSOCIATES



## OUR OFFICES

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