

#### SSE MULTINATIONAL LLC

#### **ABOUT US**

SSE Multinational LLC. is committed to providing systems and services meeting your needs and sustainability goals. SSE Multinational LLC. aims for rapid installation, interfaces, engineering, testing, commissioning, full integration and end-toend verified solutions at high standard and reliability. Besides, with SSE Multinational LLC. as Electrical, Instrumentation, HVAC, Process and Telecom Systems Integrator, it is possible to share site space and allow service providers to use existing infrastructure in their existing footprint. SSE Multinational LLC. includes everything Clients need to get it up and running software, hardware and project implementation.



www.ssemulti.com

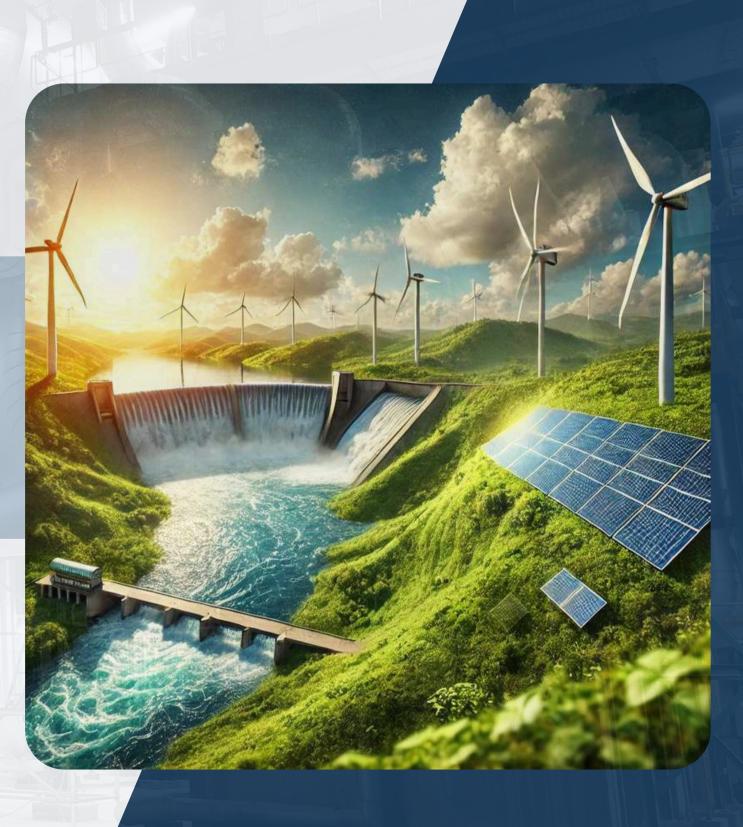
#### SSE MULTINATIONAL LLC

#### **VISION & MISSION**

Our mission to build better futures with no boundaries. Keeping communities always safe and secure with SSE Multinational LLC professional and certified Engineers, skilled technicians in each discipline. SSE Multinational LLC exists to put latest technology for Offshore & Onshore under your fingertips.

SSE Multinational LLC continues to grow its market occurrence, expanding its human incomes and constantly enriching its practical values and ethics.

SSE Multinational LLC pursues a policy of delegation and knowledge, devoting the best systems, resources, and public required to excel in all our attempts.



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## **OUR SERVICES**

## Productivity, Quality, and Innovation



What We Do Wherever you are on your energy journey, SSE Multinational LLC. has the expertise and experience to support you. Find out how we unlock value at every stage of the energy asset life cycle. We are designing, building, and operating Onshore and Offshore facilities alongside training to all manpower that support them. SSE Multinational LLC. with its high qualified Engineers & certified technicians is a pioneer as solutions and services of energy.

## COMMISSIONING

Management & Consultancy

Achieve Optimal Project Performance with SSE Multinational LLC Commissioning Management.



### **SERVICES OFFERING**



- Pre-com/Commissioning Management & Consultancy
- Completion Management Systems.
- Commissioning and Start-up Management
- Commissioning Start-Up Organization Structure and Resources
- Commissioning Philosophy
- Commissioning Execution Plan
- Commissioning Dossier (RFC,RFHO and RFSTU)
- Plant Operating Manual Normal
- Operations Procedures
- Commissioning Procedures
- Vendor Mobilization Plan

## ENGINEERING

#### INDUSTRIAL ENGINEERING

We provide comprehensive industrial engineering solutions aimed at optimizing processes, improving efficiency, and enhancing productivity.

- Commissioning & Project Start-Up
- Pre-Commissioning & System Readiness
- Operation analytics & Optimization
- Lean Process Improvement
- Quality Assurance & Compliance Testing
- Work Design & Performance Boost
- Facilities Engineering & Energy Management
- Predictive Maintenance & Equipment Uptime





## ELECTRICAL

#### **TESTING & COMMISSIONING**

SSE Multinational, with its electrical team years of experience, will find the right reliable systems and services solution for your electrical power needs. Electrical Testing and Commissioning:

- General
- Hazardous Area Equipment (Classified Area)
- Motors
- Main Power Generators (GTG)
- Emergency Power Generator (EDG)
- Distribution Transformer
- Power and Distribution Transformer
- Bus Duct
- LV/MV/HV Switchgear, MCC & GIS
- LV/MV/HV Cables
- UPS system (AC/DC)
- Earthing/Grounding and Bonding
- Lighting fixtures/circuits
- Electric Heat Tracing system
- Electrical Network Monitoring and Control System



INSTRUMENTATION

## **SYSTEMS & SERVICES**

SSE Multinational LLC offers Instrumentation Testing and Commissioning services including:

- Pre-loop checks
- Fire and Gas Detection System
- Transmitters (Flow/Pressure/Level)
- Temperature Transmitter/Resistance Temperature Detector)
- Temperature Transmitter/Thermocouple
- Motor Operated Valves (MOV)
- Emergency Shutdown Valves (On/Off)
- Control Valves
- Foundation Field Bus Loops
- Vibration Loops
- Velocity Seismic Loops
- Wave Guided Radar Level Transmitter
- Motors



## TELECOM

#### & SYSTEMS INTEGRATION

SSE Multinational LLC for ELV & Telecom Systems Interation business line is structured and equipped to carry out the EPIC of but not limited to the following main Systems/Networks:

- FibreTransmission Systems (SDH/PDH/ NMS)
- Public Address General Alarm Systems (PA/GA)
- Communication Dispatch Systems (CDS)
- Weather Monitoring System (WMS)
- Marine Radio Systems (MRS)
- Audio Visual & Video Conference system
- SMATV System
- Master Clock System (MCS)
- Digital Signage System (DSS)
- Emergency Telephony System (ETS)
- Hotlines Telephony System (HTS)
- Electronic Private Automatic Branch Exchange Systems (e-PABXs)
- Key Telephony System (KTS)
- Congress Simultaneous Interpretation System (CSIS)
- Nurse Calling System (NCS)
- FibreOptic Networks (FON)
- Structured Cabling Network (SCN)



## HVAC

#### **SYSTEMS & SERVICES**

SSE Multinational LLC expert and specialist Engineers & Technicians will carry out the complete HVAC System procurement, and installation pursuant to the approved design, Testing, and Commissioning up to our client's full satisfaction and acceptance.

SSE Multinational Co. Offers HVAC Testing and Commissioning services including:

- Package Air Conditioning Unit
- Ducting Air Conditioning Split
- Unit



## **PROCESS**

#### & MECHANICAL SYSTEMS

SSE Multinational LLC expert and specialist Engineers & Technicians will carry out the complete Process and Mechanical Systems procurement, and installation pursuant to the approved design, Testing, and Commissioning up to the client's full satisfaction and acceptance.

Offering services PROCESS & MECHANICAL PRE-COM & COMMISSIONING

- Gas Process
- Crude Oil
- Close Drain, Vent & Blowdown
- OSBL /SAP/PAP/DAP
- Power plant
- Mining



## PREVENTIVE

## **MAINTENANCE**

SSE Multinational offer preventive maintenance services Including:

- Cost Maintenance Management Software (SAP/MAXIMO/ OPTIMIS)
- Implementation CMMS Data Project Definition
- Generic Maintenance Strategy (GMS)
- Planned Maintenance Routing (PMR)
- Establish Failure Mode & Effect Analysis (FMEA)
- Create Maintenance Spare Part "Mini Stock"
- Preventive Maintenance
- Corrective Maintenance
- Prepare Maintenance Work Packages
- Anticipate Accessibility & Maintainability
- Establish Lesson Learned & Maintenance History
- Preservation & Cleaning & Protection (First Maintenance Level)
- Maintenance Ratios Follow-up (Second & Third Maintenance Level
- Use of Bathtub Curve to Improve MUT



## TRAINING

## PRE-COM/COMMISSIONING

- Electrical Commissioning
- Electrical Commissioning Team
- Electrical Pre-Commissioning check sheet
- Pre-commissioning of earthing system
- Pre-commissioning of UPS and batteries charge
- Pre-commissioning of HV/MV switchgear
- Pre-commissioning of LV and MCC
- Pre-commissioning EDG and SDG
- Pre commissioning of PMS
- Pre-commissioning of SCAD system
- Pre-commissioning of MV and LV VFD's
- Pre-commissioning of HV/MV/LV transformers
- Pre-commissioning of Dry type transformers
- Electrical Commissioning and Startup
- Energization
- Instrumentation Commissioning
- Automation Commissioning Team
- Automation Commissioning and Startup Examples and Templates
- Automation Commissioning Assessment
- Calibration of instruments
- Cold and Hot loop folders



## **PROJECTS**

#### **OUR PORTFOLIO**

our diverse portfolio showcases our expertise in providing tailored solutions that meet our clients' specific needs. Each project reflects our commitment to excellence, efficiency, and environmental responsibility.

- JESA ===== Water Desalination Wave II East OCP MOROCCO
- FLUORALPHA ===== CaF2 PPA PILOT OCP MOROCCO
- INTECSA =====Sap Line U OCP MOROCCO
- INTECSA =====Sap Line E OCP MOROCCO
- SONASID ===== Upgrading 20 kV stations
- OCP ===== Relais test PAP/Relais test DAP
- OCP ===== Upgrade of communication in DAP/PAP
- OCP ===== Batteris testing SAP/PAP/DAP
- OCP ===== HV 60KV Testing/Transformer
- OCP ===== Batteris testing SAP/PAP/DAP
- OCP ===== Relais TEST full shutdown
- ACTIMUM ===== Instrumentation Calibration



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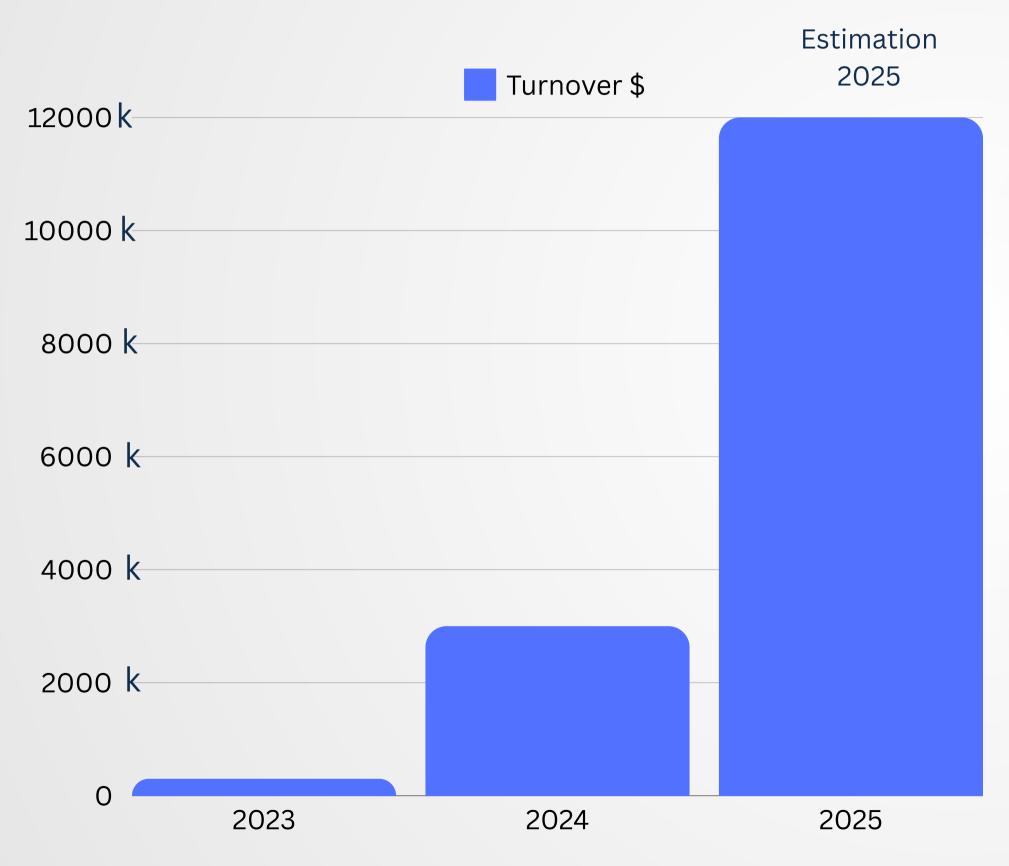
- ACTIMUM ===== HV CABLE TEST
- ILF ===== Completion management system ICAPS
- INTECSA ===== Commissioning Electrical work
- CPPEC ===== Completion management system ICAPS

#### **Upcomming Projects**

• ILF === Completion management system ICAPS in Kazakhistan & KSA



## TURNOVER





# ORGANOGRAM **ORGANIZATIONAL CHART** GAIDI OTHMAN Industrial Engineering Younes ELALOINI Director

## **OUR CLIENTS**

SSE Multinational LLC focuses on delivering value and reliability to our clients via our teams of skilled engineers, installation crews, and trusted partners.

















## **OUR SUPPLIERS**

SSE Multinational Co partnership with trusted partners









