



SAN-ED

SAN-ED INTEGRATED SERVICES LTD

OUR BRIEF

SAN-ED Integrated Services Limited is a Project Management, Engineering Consultancy, Maintenance and Asset Integrity Management Company; providing services for the Oil & Gas/Allied Sectors in the Energy Industry.

SAN-ED Integrated Services Limited is a fully indigenous company, incorporated in Nigeria on May. 2005 with RC 623050. SAN-ED Integrated Services Limited is registered on Nigerian Oil & Gas Industry Content Joint Qualification System (NOGIC JQS) Portal under Nigerian Content Development Monitory Board (NCDMB).

With SAN-ED LTD (UK) and SAN-ED Integrated Sdn. Bhd. (Malaysia), the SAN-ED brand now has presence in UK and Asia. The SAN-ED companies are working together in strategic synergy to make SAN-ED a truly global brand.

We are involved in strategic partnerships with corporate individuals, companies and organisations in identifying and nurturing business ideas and opportunities to fruition for our mutual benefits.

OUR FUTURE: WHERE WE ARE GOING

Our Market changes rapidly, so we adapt. Knowledge and insight are vital for our business. We focus on assessing potential opportunities early and act quickly to realise them.

For Oil and Gas companies abroad seeking partners in the Oil & Gas Industry in Nigeria that can provide the one-stop-centre for their technical and commercial needs, with the right skills set to ensure smooth entrance into the Industry; SAN-ED Integrated Services Limited is the right partner.

Our job is to provide added value to our partnership relationships to ensure that projects are managed efficiently and effectively.

We regard our clients as partners and work together to achieve their business targets and project objectives in the most innovative and cost effective ways. We always add Value.



Our Expertise

Our team understands the specific project nature and operating environment for handling:

PROJECT MANAGEMENT

ENGINEERING CONSULTANCY

PROCUREMENT

CONSTRUCTION

**MAINTENANCE & ASSET INTEGRITY
MANAGEMENT**

**ENTERPRISE SOFTWARE
SOLUTIONS**

OUR PHILOSOPHY

VISION

To become the leading and preferred industry solutions provider and a truly global brand.

Motto:

To Provide Innovative Solutions

MISSION

To provide quality, innovative and integrated cost effective solutions in the oil & gas and other sectors we operate in and create economic value for our stakeholders.

CORE VALUES

- Trust - Building trust with our stakeholders
- Integrity - Integrity is our watchword
- Commitment - Committed to satisfying our clients
- Excellence - In pursuit of excellence in all our endeavors
- Stewardship - Service to our community



OUR BUSINESS AREAS

PROJECT MANAGEMENT

SAN-ED INTEGRATED SERVICES LTD has core competencies in project management which ensures the employment of Total Quality Management concept for every project supervised.

This includes:

- * Effective management of project scope from mobilization to commissioning
- * Strict management of procurement
- * Construction Execution Management
- * Strict control of key constraining factors
- * Appropriate management of project personnel and change process
- * Prompt provision of office supplies, tools & equipment for personnel at work
- * Harmonious co-ordination of project information and communication
- * Balanced management of the inherent risks in the project
- * Value improvement practices (value engineering, constructability review, etc)
- * Strict management of protocol and logistic services to ensure movement of personnel & materials

ENGINEERING CONSULTANCY

- | | |
|---------------------------------------|-------------------------------|
| * Feasibility Study | * Engineering Audits |
| * Conceptual Engineering | * Construction Engineering |
| * Front End Engineering Design (FEED) | * Installation Engineering |
| * Detailed Engineering Design | * Decommissioning Engineering |
| * Technical Studies | |

PROCUREMENT

We offer, in coordination with our overseas partners, Procurement and Supply of Specialized Oil Field Chemicals & Equipment. We are also capable of supplying hard to find spare parts and accessories.

Our procurement offerings include:

- * Project Support & Services | Petrochemicals
- * Linepipes, Valves & Fittings (OEM Representative)
- * Mechanical, Electrical & Instrumentation Supplies
- * Oil Field Supplies | Flowline System, Control & Accessories

**Our Valves OEM
Partner**

KVC UK Ltd
Federal International (2000) Ltd



CONSTRUCTION

We offer, in conjunction with both our local and overseas partners, the following construction services while providing strict construction execution management oversight:

- * Pipeline & Flowline Construction & Repairs
- * Onshore/Offshore Facilities Construction & Upgrade
- * Civil Construction

Our field of services covers Turnkey Solutions for Engineering, Procurement, Construction, Installation & Commissioning (EPCIC) works.

MAINTENANCE

We leverage on our expertise, experience and technical partnerships to cater for your assets, whatever the need may be: spare parts, maintenance and repair services, technical support in the field, troubleshooting performance.

Our maintenance services include:

- * Preventive maintenance, repair and replacement of production and process systems, their spares and auxiliary equipment
- * Preventive maintenance, repair and replacement of firefighting system, their spares and auxiliary equipment
- * Integrity inspection and maintenance of storage tanks, buffer tanks, and process piping
- * On-site minor repairs and modification works
- * Special equipment installation

ASSET INTEGRITY MANAGEMENT

We have entered into a strategic alliance and partnership with Add Energy in Aberdeen, UK to offer asset integrity solutions and operational support to improve safety, reliability, regularity and compliance of operating assets worldwide.

Our goals:

- * Resolve chronic issues which have negatively impacted production, by applying proven methodologies and root-cause analysis
- * Develop the long term commercial case for asset integrity and strategic asset management
- * Bring measurability and performance indicators to process
- * Resolve reliability issues from a cost benefit perspective
- * Provide third-party expert quantitative and qualitative assessments

We are aimed at delivering benefits to clients in safety assurance, equipment reliability and performance.

Performance Analysis

Quantifying and optimizing performance

We offer:

- * Operational Excellence Audits
- * Gap Analysis Studies
- * Improvement Roadmaps
- * KPI Reporting and Monitoring Tools
- * CMMS Data Gap Analysis
- * Cost-benefit improvement recommendations
- * Best practice and peer benchmarking

Materials Management

Aligning materials with maintenance and risk

We offer:

- * BoM Development and Sourcing
- * Spares Philosophies
- * Data Improvement
- * Critical Spares Studies
- * Min/Max level setting
- * Collation of SPIL/SPIR's
- * Inventory Improvements and identification of obsolescence

Integrity Management

A framework for assurance in safety and integrity

We offer:

- * HSE Case Development
- * Bowtie Analysis
- * Desktop and Physical verification of Tags
- * Equipment Criticality Assignment
- * Asset Register Build
- * Performance Standard Alignment
- * Corporate Standards for Maintenance
- * Assurance Task Embedment

Maintenance Optimization

Improving reliability and rationalizing cost

We offer:

- * Equipment Performance and Reliability Analysis
- * Maintenance Strategy Review and Optimisation
- * Maintenance Reference Plan
- * Maintenance Backlog

ENTERPRISE SOFTWARE SOLUTIONS



eVision Industry Software

We have partnered with the global leader in the control of work software in the oil and gas industry. eVision Industry Software is the global leader in control of work software. Companies in the oil & gas, (petro) chemical and other high-risk industries turn to us to improve control over their operational processes, resulting in fully auditable, real-time corporate risk management as well as increased operational efficiency.

eVision Industry Software help companies to continuously be in control of front line operations, providing an auditable statement of fitness to;

- * Maximize efficiency (of asset and workforce)
- * Mitigate risks
- * Increase safety

eVISION INDUSTRY SOFTWARE PACKAGES

eVision's Industry Software Packages includes:

- * Permit Vision Software
- * LOLC Module
- * Shift Vision Software
- * Change Vision Module
- * JSA/TRA Software
- * ORA/ORM
- * Incident Vision Software System
- * Smart Vision Software

ADD ENERGY SOFTWARE PACKAGES

Add Energy has developed a suite of asset management software solutions designed to optimise CMMS data analysis and process.

- * OptiBoM™
- * Aim-Hi™
- * Look-C™
- * M-C™
- * BrownField Optimiser
- * Safe-C™
- * Profi-C™
- * For-C™
- * Asset-C™

PROFESSIONAL & TECHNICAL TRAINING

We offer training to government agencies, organizations and individuals in most industries with focus on the oil and gas industry.

We have built strategic partnership with professional and vocational skills training providers in Asia and Europe.

We have core competencies in the provision of training needs, made possible through co-operation with experienced, professional and internationally recognized trainers in the industry.

We develop customize training programs based on the training needs of our clients to ensure that the skill competencies required strategically meet the objectives of our clients organizational needs to ensure that transfer of learning to work environment is easily achieved.

WE PROVIDE TRAINING IN OIL & GAS IN THE FOLLOWING AREAS:

- * Corrosion & Corrosion Control in Oil and Gas Industry
- * Coatings & Non metallic Materials for Oil & Gas Industry
- * Risk Based Inspection (RBI) methodologies and practices in Refineries, Gas, Oil & Petrochemical Facilities. (API-580/581)
- * Production Chemistry & Down-Hole Chemical Treatment
- * Enhanced Oil Recovery Theory and Practices - EOR
- * Oil and Gas Operations (diving and underwater operations skills)
- * Oil and Gas Pipe Insulation, Fitting & Welding
- * Oil and Gas Operations (maritime operations skills - maritime engineering, maritime watch rating & electrical rating)
- * Health, Safety and Environment (HSE), and Others



HSSE & QUALITY POLICIES

At SAN-ED Integrated Services Ltd, taking responsibility for Health, Safety, Security and the Environment are integral into the way we conduct our business.

We are committed to protecting the health and safety of our employees, customers, host community and the general public, and to preventing harm to the environment.

Quality is embedded in the core of our operational strategies. We will not sacrifice Quality in order to meet an unreasonable time schedule or target because our concept of quality involves high standard of workmanship, conformance to contract specifications, quality management and planning, and continuous development of our workforce.

In particular, we maintain HSSE and Quality Standards that meet and exceed legal requirements.

**SAN-ED**

SAN-ED INTEGRATED SERVICES LTD

PARTNERS

add energy, UK



Asset & Integrity Management

- **Performance Analysis**
Quantifying and optimizing performance
- **Integrity Management**
A framework for assurance in safety and integrity
- **Materials Management**
Aligning materials with maintenance and risk
- **Maintenance Optimization**
Improving reliability and rationalizing cost

eVISION, NETHERLANDS



eVision Industry Software

- Shift Vision
- Incident Vision
- Change Vision
- Smart Vision
- Permit Vision
- JSA/TRA
- LOLC
- ORA/ORM

BIJAK AKTIF SDN BHD, MALAYSIA



- EPCIC of Skid Mounted Packages
- On-Shore Facility Projects
- Mechanical Facilities Maintenance
- Welding And Fabrication
- Pipeline And Piping Services

MIE OFFSHORE SOLUTIONS SDN BHD, MALAYSIA



- Offshore/Onshore Engineering
- Asset Integrity Management
- Procurement & Technical Support
- Marine / Naval Architecture / Pipeline Engineering
- Project Management / Services
- Hook-Up & Commissioning
- Fabrication Engineering
- Laser Scanning Solutions (As-Built)
- Installation Support
- Commissioning
- Decommissioning
- Deep Water/Subsea Engineering

FEDERAL INTERNATIONAL (2000) LTD, SINGAPORE



- Project Management & EPCIC Projects
- Procurement & Ship/Vessel Management
- Marine Logistics
- Design, Manufacturing, Distribution Of Flowline Control Products
- Design, Manufacturing, Distribution Of Oilfield Supplies & Equipment

KVC UK LTD, UK



Subsidiary of Federal International (2000) Ltd

Design, Manufacturing & Distribution of Valves

- ATEX Marked – Ball Valves
- Anti-Static Certified – Ball Valves
- API 607 (Fire Test) – Soft-Seated Ball Valves
- API 6FA (Fire Test) – Metal Seated Ball Valves
- SIL-2 Certified, (Independently by EXIDA)
- API 6D
- ISO 9001:2015
- API Spec Q1
- ISO FE 15848 1
- CE Marked PED

OCTOPUS ENGINEERING LTD, NIGERIA



- Civil & Plant Facilities Construction

PT GUNANUSA UTAMA FABRICATORS, INDONESIA



- Project Management
- EPCIC for Offshore & Onshore Projects
- Heavy Engineering Structures
- Offshore Platform Fabrication
- 14000 Ton Annual Production Capacity
- Installation Marine Spread
- Topsides
- Upto 10000 Ton Jetty
- 300m Skid Way Jetty

MJD OILFIELD SERVICES LIMITED, NIGERIA



- Flowline and Facilities Construction and Repairs
- Instrumentation & associated Civil & Electrical Works
- Maintenance and Upgrade of Oil & Gas Facilities
- Production Operations (Flow Station and Well-head Operations)
- Fabrication & Installation and Commissioning of Oil & Gas Process Facilities
- Pipeline
- Vessel Cleaning
- Cathodic Protection
- Inspection & Repairs

JAS-CAS OIL & GAS SDN BHD, MALAYSIA



- EPCIC for Onshore & Offshore
- Project Management
- Zenteh Asset Integrated Management
- System (ZAIM Software)
- Accommodation Barges Services
- FPSO
- Platform
- Supply Boats
- Jack Up Rigs
- Semi-submersibles

TUV, AUSTRIA



- Advanced NDT (AT, TOFD, UTPA, MFL)
- Conventional NDT, Integrity Assessment
- Corrosion Analysis
- Design for Corrosion Control
- Online Safety Valves Testing
- Tanks and Facilities Inspection

ETP MANAGEMENT SDN BHD, MALAYSIA



EDUCATION & TRAINING

- Professional
- Technical
- Customized Training Programmes

SAN-ED Integrated Services Limited

Registered in Nigeria (RC 623050)

Sunrise Close, Farm Road 2, Eliozu, Port Harcourt, Rivers State.

Tel: +2349095610390 / +2349086571486

Email: info@san-ed.com / nig@san-ed.com

SAN-ED LTD

Registered in England & Wales (Co. No. 7527067)

E-mail: san-eduk@san-ed.com

SAN-ED Integrated Sdn. Bhd.

Registered in Malaysia (MyCoID No. 1194423-D)

Suite 33-01, 33rd Floor, menara Keck Seng

203 Jalan Bukit Bitang

55100, Kuala Lumpur, Malaysia

Tel: +60321165947. Fax: +60321165999

E-mail: san-edmy@san-ed.com

