SESUGH SIMON YANDEV B.Eng.

5 Feyi Rowland Close, Ajah, Lagos, Nigeria 08060012571 xexugh@gmail.com

Professional Summary

A result Oriented and comitted Mechanical Engineer and Project management Professional with over 6+ years of professional with management and corporate experience as well as established operations leveraging expertise in organization and projects handling across the oil and gas, Ship Building construction, Manufacturing and Energy industry from Conceptualization, Detailed Design, Selection/Define Stage and Execution Stage Projects.

Experience cuts across Engineering Design and Procurement to Installation & Construction for Green and Brown field facilities, Project Management, tendering and bidding, Up-gradation & Modification Project Engineering for CapEx & debottlenecking Projects, Equipment Maintenance Management and Troubleshooting, Health and Safety Management Systems, Management and Operations Optimization in projects ranging from structural repairs, piping replacements, Flow Metering, Flow Station upgrade, water resource management and oil spillage control.

Holds a Bachelor of Engineering degree in Mechanical Engineering and certifications in various industry related competencies. Currently the Project Engineer of Future Oilfield Services Ltd.

Bio

Sex: Male **Nationality**: Nigerian **Marital Status**: Engaged

Core Competencies

- MS Suite (Certified Excel Professional)
- SOLIDWORKS
- Aveva PDMS / Aveva E3d
- AutoCAD 2D & 3D
- Primavera, MS Project
- Tekla Structural designer
- Business Development and Divestment Opportunity
- Digital Marketing
- Environmental impacts Assessment EIA
- Marginal Field Development
- Enterprise Resource Management tools (ERP)
- QA/QC, ISA Codes, IEC Standards
- Oil and Gas Tendering and Biding
- Technical Specification / Report Writing
- Business Process Re-Engineering,
- SIMOPS
- Project Management
- Oil and Gas Operations, EPCIC

Experience

PROJECT MANAGER May 2019 to present
Future Oilfield Services LTD, Lekki - Lagos

PROJECT: Provision of Water Sampling, Analysis and Water Plant Operations

CLIENT: Mobil Producing Nigeria Unlimited

RESPONSIBILITIES:

- Project Management, Monitoring and analysis of Potable & Non-Potable, Effluent and Ground water Diesel Ingress at Mobil House.
- Monthly and Quarterly Water Quality Monitoring Reporting and WTP O&M Reporting to client Review of laboratory test results, Application of the required water treatment – e.g. chemical application (chlorine) in the required quantities and comparison with anticipated levels for each parameter.
- On-site testing for pH, temperature and Total Dissolved Solids and Recommendations for further treatment or any remedial actions that need to be taken.

PROJECT ENGINEER : August 2021
Future Oilfield Services LTD, Lekki - Lagos
PROJECT: Reactivation and commissioning of Ogini flowstation desander in OML 26
CLIENT: Nigerian Petroleum Development Company (Operator of OML 26, Ogini)
RESPONSIBILITIES:

- Replacement of Missing mechanical parts and unbottled piping connections
- Flushing of the Desander to dislodge any sand deposits and dislodging of the sand pit.
- Inspection, Cleaning and Maintenance of the cyclone liners to eradicate clogging and Replacement of Damaged parts
- Functionality testing of valves and recalibration
- Provision of As-Built Engineering Drawings (P&ID, Isometric Dwgs, General Layout Dwgs & Equipment Dwgs)
- Commissioning of Merpro Desander to determine flow and pressure Information on package instruments

PROJECT ENGINEER : September 2020
Future Oilfield Services LTD, Lekki - Lagos
PROJECT: Provision of Procurement, Supply, Calibration and Certification Services for Operations.
CLIENT: HALLIBURTON

RESPONSIBILITIES:

- Synergize with all relevant stake holders during Procurement and Supply of OEM Equipment and Coordinating execution of the project.
- Project Management, Monitoring and analysis of Calibration and Certification Services
- Maintain awareness of and ensure compliance with all relevant Statutory and COMPANY HSE standards

PROJECT ENGINEER : October 2020
Future Oilfield Services LTD, Lekki - Lagos
PROJECT: Procurement, Supply, Installation and Commissioning of 3 Nos Gas driven reciprocating Pumping Units & De-commissioning of existing Pumps at Ekulama 1 & 2 Flowstations
CLIENT: NEWCROSS E&P (Operator of Ekulama 1 & 2 Flowstations)

- Procurement of OEM contractors equipment and personnel, management, planning, coordinating and execution of the project.
- Decommissioning of existing pumps and supervision of hoisting operations
- Interpretation of Engineering Drawing(P&ID, Isometric Dwgs, General Layout Dwgs & Equipment Dwgs) and Structural analysis Using Tekla Structural Designer.
- Maintain awareness of and ensure compliance with all relevant Statutory and COMPANY HSE standards

PROJECT ENGINEER : October 2019
Future Oilfield Services LTD, Lekki - Lagos
PROJECT: Supply, Installation and commissioning of UPS INLET & OUTLET Clamp on Meters
CLIENT: HERITAGE ENERGY (Operator of OML 30 Flowstation)
RESPONSIBILITIES:

- Procurement of OEM contractors, equipment and personnel, management, planning, coordinating and execution of the project.
- Installation of ultrasonic clamp on meters on 12" (class 600# CS) Inlet Supply and exit lines at various points into the flowstation with accuracy +- 1%.
- Provision and Installation of all required hardware including all control units, Cabling, Damping Materials and Transducers as required.
- Provision of all Calibration Reports with traceability.
- EPCM /OEM engagements and partnerships.
- Maintain awareness of and ensure compliance with all relevant Statutory and COMPANY HSE standards
- Assist the Project manager in Preparing the Project Record Books (PRB) Procedure, define the indexes of the PRB, collect the relevant documentation (i.e. Design and Drawing Books, Plant Operating Manuals, Vendor Data Books, Manufacturing Data Books, Plant Inspection Books, Field QA/QC Dossier, Completion Record Books) and delivery the assembled PRB to the Client

OTHER KEY PROJECTS MANAGED;

- **NEWCROSS E&P**– EPCIC of a skidded 600#, 4 Header, 24 slots segmented Inlet Manifold at Ekulama 1 Flow station
- **AGGREKO**– Service and maintenance of 4 Nos. Air compressors and Calibration/Certification of gas Analyzers, Ikeja, Lagos.
- **SAIPEM**– Calibration & Certification of Alcohol Breathalyzers, Noise Level Meters, PortHarcourt, Rivers State.
- **SEPLAT**– Provision of Gaslift Operation Support Services Western Asset Operations
- **FIRST HYDROCARBON NIGERIA (FHN)**– Statutory maintenance/inspection of Vessels and Heat Exchangers at Ogini flowstation and Compressor station OML 26 AMT.

DESIGN ENGINEER : November 2016 to July 2018.

ENVIROGREEN TECHNICAL SERVICES LTD, PortHarcourt, Rivers.

PROJECT: Design and Construction Of Effluent Treatment Plant.

RESPONSIBILITIES:

- Produce and maintain project documents (drawings, bills of quantities, contracts with Detail drawings, sketches and diagrams).
- Provides timely and daily reports to the relevant manager on the on-going projects and Contributes to daily reporting of the project design progress.
- Keeps track of project KPIs (key performance indicators) and analyses data within the framework of results-based management.

EQUIPMENT, PIPING AND HVAC DESIGN REP: June 2014 to Feb. 2015.

HYUNDAI HEAVY INDUSTRIES: Ulsan, South Korea.

PROJECT: ***NLNG TRAIN 7*** - Design of two 177,000m3 LNG carriers (projects 2636 & 2637)

RESPONSIBILITIES:

- Monitor Project activities between various Hull and Outfitting design Units and protecting NLNG's interests as owner's representative.
- Provide timely and daily reports to the Project Manager and Contributes to daily reporting of the project design progress.
- Produce and maintain piping drawings (GA's, Layouts, P&IDs', BOMs', Detail drawings, sketches and diagrams), design of marine auxiliary equipment for fabrication and field installation using Aveva Marine, AutoCAD 2D/3D and PDMS,assembles and disassembles valves during field maintenance, interprets drawings such as Isodraft, P&ID etc .
- Monitor spool fabrication, Provide timely and daily reports to the Project manager on the on-going activities.
- Ensures information flow within the outfitting design Department and Participates at daily IDC (inter departmental check) meetings.

Education

MSc. Post-Harvest Engineering (in view) - Present
Benue State University - Makurdi, Benue State, Nigeria

BEng. Mechanical Engineering 2013
Federal University of Agriculture - Makurdi, Benue state, Nigeria

- Researched on the effect of density, moisture content and geometry on the normalized burn rate of saw dust, rice husk and palm fibre briquettes burning in free air. "January, 2012".

Certifications / Courses

- Plant Design Management System (PDMS)
- Certificate in ship repair and ship construction.
- Certificate in ship Design.
- Member, Nigerians Society of Engineers (MNSE)
- HSE 1.2.3 certification.
- Personal Protective Equipment Awareness Course- (Ulsan) South Korea.
- AutoCAD 2D & 3D Certification

Accomplishments

FUTURE OILFILED SERVICES LTD. 2019 – Present

- Developed new management and tracking procedures to reduce Non-Productive time (NPT) and totally re-organised the project management department of FOSL in less than 6 months of joining the Company
- Responsible for getting all approvals and permits from the Clients and regulatory bodies. This include getting all FTO Permits, Environmental assessment approval from Department of Petroleum Resources (DPR). I kept the government relationship with key Clients and stakeholders in an excellent state
- ***Prospectivity evaluation and Proposal development (technical/commercial) of all FOSL Projects out and in country:-*** Proposed, Designed, and lead the implementation of a pricing template model in excel which put a stop to manual calculations and results in reduced Non-Productive time (NPT) and mathematical errors that can be costly

RECOMMENDATIONS

TERVER ATSAR (B.Eng, SIIRSM)

MANAGER OF CONTRACTS (WASTE MANAGEMENT) AT SHELL NIGERIA EXPLORATION AND PRODUCTION COMPANY *(Email; terver.atsar@shell.com; +2348131539582)*

''Sesugh is a great team worker who is result-driven, always eager to learn new things and take up new challenges outside his immediate job description. He has excellent communication skills and can work effectively in multi-cultural and multi-disciplinary teams. His calm personality means he is able to contribute significantly to team cohesion leading to achievement of overall company goals. I have absolute confidence in his technical capabilities and hereby recommend him to anyone who may require his services.

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REFEREES AVAILABLE ON REQUEST