





TUSHIYYAH
INTEGRATED SERVICES LIMITED



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Who We Are



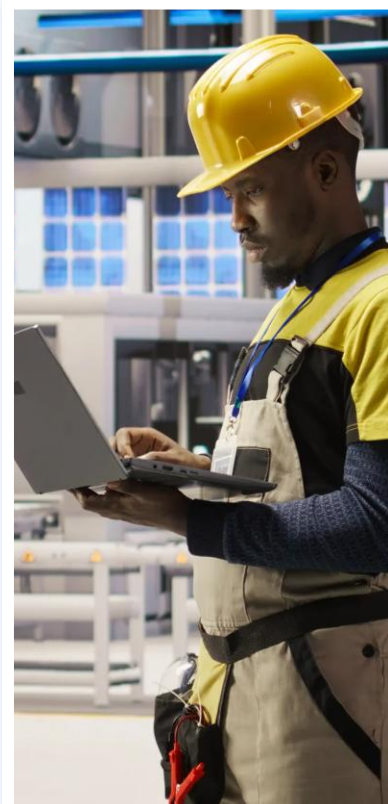
TUSHIYYAH
INTEGRATED SERVICES LIMITED

— Who We Are

Tushiyyah Integrated Services Limited is a leading and versatile company, specialized in providing expert solutions in **3D laser scanning, engineering design, procurement, construction & installation support, manpower supply, and project management.**

We deliver efficient and cost-effective services across industries By leveraging modern technology and a team of skilled engineers, designers, inspectors, and project managers.

Tushiyyah ensures seamless coordination and client satisfaction by Delivering projects from concept to completion with a strong emphasis on **quality, safety, and timely execution.**



Our track record includes successful collaborations with industry leaders such as Prime Atlantic Cegelec (PACE) and SPIE Services Nigeria Ltd, further demonstrating our commitment to reliability and performance. We also maintain strategic partnerships with Sigma Paints, Ritech, and Hempel, enabling us to enhance our service delivery and technical capacity.

STRATEGIC PARTNERS

PACE Nigeria

SPIE Services

Sigma

Hempel

Vision

To set the industry standard for excellence and innovation in engineering and project solutions across Africa and beyond.



TUSHIYYAH
INTEGRATED SERVICES LIMITED

Mission

To provide high-quality engineering, procurement, construction support, and project management services by leveraging advanced technology, skilled professionals, and strategic partnerships.



Our Core Values



TUSHIYYAH
INTEGRATED SERVICES LIMITED

— Our Core Values

SAFETY

Safety is at the foundation of every decision we make and every project we execute.

EXCELLENCE

Service excellence driven by quality assurance from project conception to completion.

INNOVATION

We pursue and deploy the most advanced technology solutions for our clients' challenges.

INTEGRITY

Accountability and transparency are the soul of our relationships with clients and partners.

SUSTAINABILITY

We build lasting impact through responsible, environmentally conscious project delivery.

The background of the slide is a grayscale photograph of an offshore oil rig. The rig is a complex structure with multiple levels, platforms, and a large crane arm extending from the top right. It is situated in the middle of the ocean, with the water visible in the foreground and background.

Our Services at a Glance



TUSHIYAH
INTEGRATED SERVICES LIMITED

Our Services

ENGINEERING SERVICES

(Conceptual, FEED, Detailed, Lifting, As-Built, Reverse Engineering for Maintenance)

LASER SCANNING

(Field Scanning, Data Processing & 3D Modelling & Fit-up Assurance)

PROCUREMENT

(Material Procurement, Logistics & Post-Order Services)

CONSTRUCTION

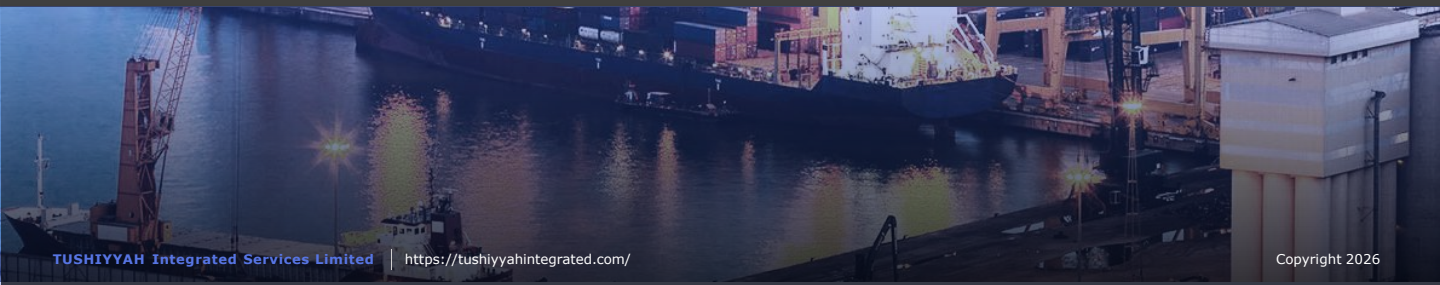
(Prefabrication (Mechanical & Structure), Civil & E&I Works)

PROJECT & OPERATIONS MANAGEMENT

(Supervision, Monitoring & Control, Project Mgt., Business Case Development, Feasibility Studies etc.)

MARINE

(Marine Survey, Naval Engineering, Stability Analysis, Anchor Design)



Core Offerings



TUSHIYYAH
INTEGRATED SERVICES LIMITED

— Core Offerings

Engineering

01 Conceptual Engineering

Front-end feasibility studies and concept selection

02 FEED & Detailed Design

Front-end engineering design through full detailed documentation

03 Lifting & Rigging Design

Engineered lift plans, rigging studies and load analysis

04 Reverse Engineering

Legacy equipment documentation and re-engineering

05 As-Built Documentation

Post-construction record drawings and data management

06 Process Engineering

P&IDs, mass balance, HAZOP, and process simulation

Document Control

- ❑ Document Management
- ❑ Manufacturer Record Books

Process Engineering

- ❑ Heat & Material Balances
- ❑ Process Calculations
- ❑ Energy Audits and Studies
- ❑ Steam and Power Balances
- ❑ Pump & Slurry System Calculations

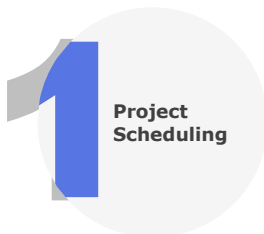
Quality Assurance/ Quality Control

- ❑ Quality Audits
- ❑ Quality Planning
- ❑ Inspection and Test Plans
- ❑ Inspection Program Coordination



— *Core Offerings (Cont'd)*

Our project management capability spans the full lifecycle, from feasibility and business case development through to project completion and operational handover. We deploy experienced project managers, engineers, and inspectors to ensure delivery on time, within budget, and to the highest quality standards.



3D Laser Scanning

- **Field Scanning**
High-accuracy point cloud capture of existing facilities and structures
- **Data Processing & 3D Modelling**
Point cloud registration, clash detection, and intelligent 3D model generation
- **Fit-Up Assurance**
Pre-fabrication verification to eliminate costly on-site rework
- **Process Engineering Integration**
As-built data fed directly into engineering design workflows

— Core Offerings (Cont'd)

Mechanical & Piping

Our Mechanical/Piping services include HVAC system design, pipe stress analysis, finite element analysis (FEA), process plant and equipment layout design, power and process system design, pipe and pumping system analysis, detailed mechanical and piping engineering, computational fluid dynamics (CFD), thermal power generation system design, pressure piping design and registration, tank farm design with GRE/GRP solutions, and high-quality 3D modeling, rendering, and virtual walkthroughs.

01

Stress Analysis

Pipe stress, flexibility, and thermal expansion analysis

02

Piping Systems Design

Isometric drawings, P&IDs, and specifications

03

Material Take-Off

Detailed MTO, bulk material quantification and tracking

04

Equipment Layout

Plant layout, equipment positioning, and 3D routing

05

Valve & Actuator

Sizing, selection, and specification of valves and actuation

06

Specialist Analysis

Slug flow, vibration, water-hammer, and surge analysis

— Core Offerings (Cont'd)



ELECTRICAL ENGINEERING

- Electrical Area Classification/Buildings Design
- Power Systems & Load Flow Analysis
- Single Line Diagrams & Cable Schedules
- Motor Control Centres & Switchgear
- Layouts, module design

INSTRUMENTATION & CONTROL

- Control Philosophy & SCADA
- Instrument Data Sheets & Specifications
- SIL Assessment & Safety Integrity
- Fire & Gas Detection Systems
- HMI Design, Detail Design & Loop Diagrams

— *Core Offerings (Cont'd)*

Civil & Structural

— **Structural Analysis & Design**

Steel, concrete and composite structures for topside modules

— **Foundation Engineering**

Pile design, mat foundations and bearing capacity studies

— **Weight & Stability Analysis**

Centre of gravity, inclining experiments, and weight reports

- Earthworks & Grading
- Roads, Drainage & Paving
- Architectural & Buildings Design
- Corrosion Protection & Coating
- Cathodic Protection Design



— Core Offerings (Cont'd)

Procurement Services

Material Procurement

Equipment Specification Sourcing, tendering
And purchasing of all project materials to
ASME/ASTM standards

Vendor Qualification

Supplier assessment, technical bid evaluation
and third-party inspection

Logistics & Post-Order Services

Freight forwarding, customs clearance and
expediting to Port Harcourt

Construction Contract Preparation

Marine Engineering

01 Marine Survey

Hydrographic, bathymetric & structural surveys

02 Naval Architecture

Hull form, lines plans, stability calculations

03 Anchor & Mooring Design

FPSO, FSO and MOPU mooring system engineering

04 Dredging & Seabed

Pipeline route surveys & subsea engineering support

05 Wind Load Analysis

05 Launching Design

— Core Offerings (Cont'd)

Construction, Safety & Survey

— CONSTRUCTION

- ☐ Construction Management
- ☐ Construction Field Support
- ☐ Commissioning and Start-up Support

— SAFETY

- ☐ HAZOP (Hazard and Operability Study)
- ☐ HAZID (Hazard Identification)
- ☐ Hazardous Area Classification
- ☐ Fire Protection
- ☐ System Design
- ☐ Risk Assessment Matrix

— DREDGING & SURVEY

- ☐ Sand Filling
- ☐ Reclamation Works
- ☐ Geo-Technical Survey
- ☐ Topographic Survey
- ☐ Hydrographic Survey
- ☐ Seismic Survey

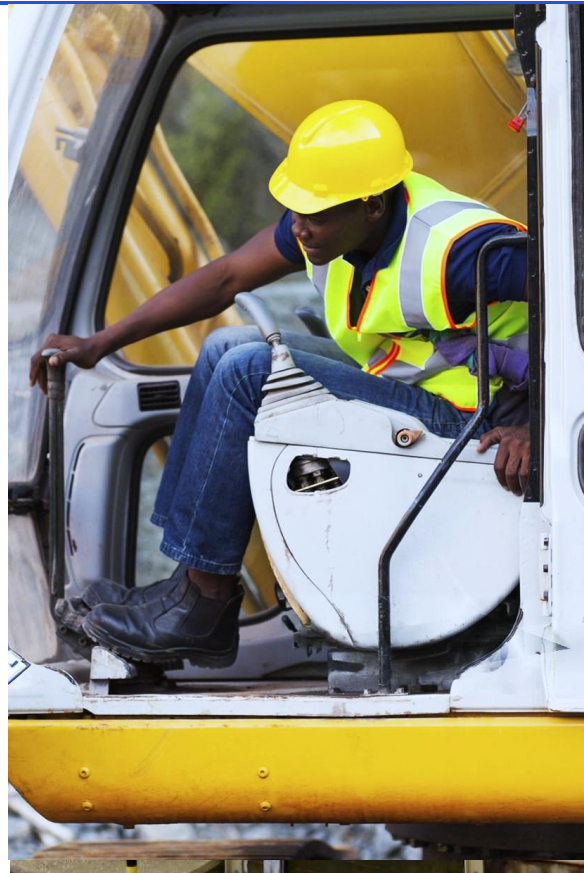
— *Core Offerings (Cont'd)*

— **LIFTING ENGINEERING**

- ☐ Load Calculations
- ☐ Lifting Designs

— **LIFTING ENGINEERING**

- ☐ Land & Marine Logistics (Trucks, Barges, Vessels)
- ☐ Equipment Leasing (Dozers, Excavators, Dumpers, Cranes, Compactors)
- ☐ Inspection and Test Plans
- ☐ Inspection Program Coordination



Milestone Projects



TUSHIYYAH
INTEGRATED SERVICES LIMITED

— Milestone Projects



Procurement & Delivery of Scaffolding and Safety Tools

2024

High-grade scaffolding consumables and offshore safety tools including HULTAFORS hacksaws, HAUTMEC universal wood saws, and bolt end caps meeting stringent offshore standards.

Supply of Duplex Stainless Steel (DSS) Spades

2025

NACE-compliant DSS A240-GR.S31803 spades and flanges for high-pressure oil & gas applications.

Supply of Scaffolding Consumables

Non-sparking ratchet wrenches, magnetic spirit levels, pipe and bolt end caps, and high-grade binding wires.

NB: All Projects Completed

— Milestone Projects (Cont'd)



Supply of Stud bolts and Specialized Fasteners for Project M25000601

2025

High-grade stud bolts, collar bolts, nuts, and jack screws. Certified, inspected, and supplied to ASME/ASTM specifications for PACE Nigeria and TotalEnergies.

Supply of Alloy Steel Stud Bolts & Hex Nuts

ASTM A193-B7 stud bolts with A194-2H heavy hex nuts for high-temperature flange connections on offshore facilities.

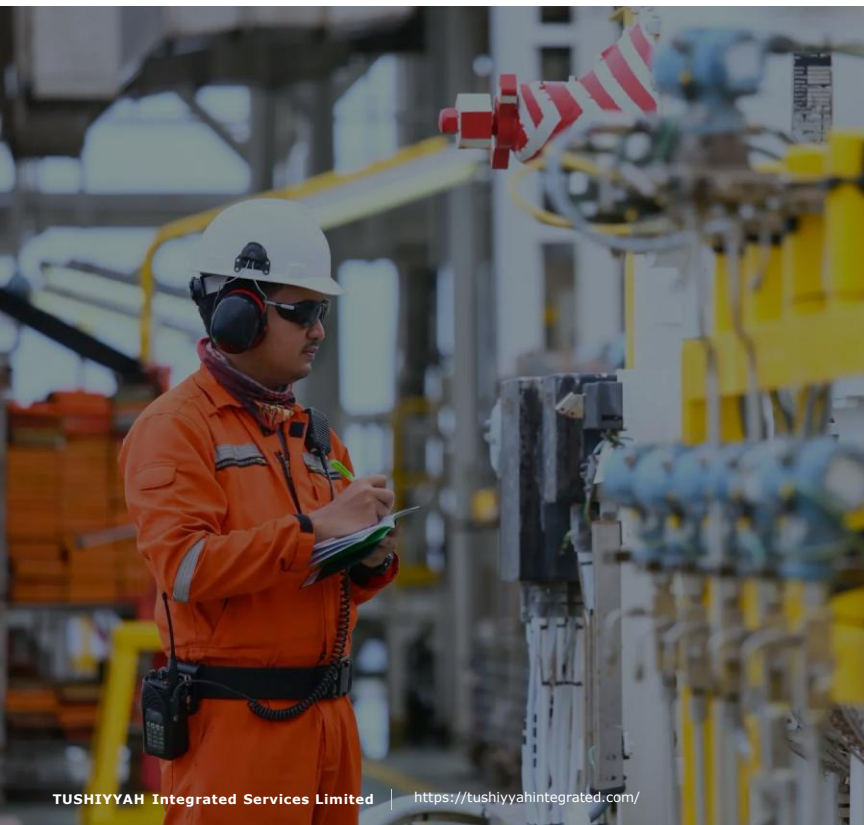
Procurement of Sigma Coatings Protective Paint System

Non-sparking ratchet wrenches, magnetic spirit levels, pipe and bolt end caps, and high-grade binding wires.

NB: All Projects Completed



— *Milestone Projects (Cont'd)*



Pace Nigeria
Limited

2026 Ongoing Project

Manpower Supply & Technical Personnel — Offshore Platform Support

Provision of qualified scaffolders, riggers, and mechanical technicians for offshore platform maintenance activities.

— Milestone Projects (Cont'd)



Supply of Industrial Fittings for SPIE Project ZTA00087 **2025**

Specialized industrial fittings including gasket kits, stud bolts, and blind spade. ASME/ASTM standards, delivered to Port Harcourt.

Supply of SPIE Gasket Kits — Project ZTA00062

Full gasket kit assemblies for process flanges, manufactured to ASME B16.20 and ASME B16.21 standards.

Supply of Ritech Safety PPE — Personal Protective Equipment **2026**

Full complement of Ritech-branded offshore PPE including gloves, coveralls, safety glasses and hearing protection.

NB: All Projects Completed



Our Partners



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— Our Partners





TUSHIYYAH
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