

HGL

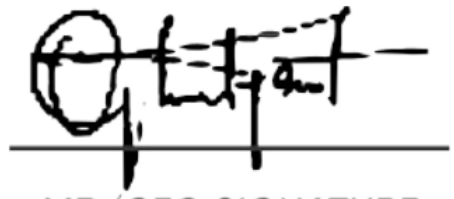
HONSUN
GLOBAL LIMITED

RC NO: 1549797

LEADERSHIP COMMITMENT

The leadership team of **HONSUN GLOBAL LIMITED** is well focused in prompt execution of jobs and quick provision of efficient and optimal services for it valued clients.

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MD/CEO SIGNATURE

MISSION STATEMENT

HONSUN GLOBAL LIMITED is commitment towards delivering quality projects that meet international standards, delivering project at client's specified time and ensuring the safety of personnel and equipment.

HONSUN GLOBAL LIMITED

Piping & Structural Fabrication , Manufacture of Pressure Vessels & Skid Mounted Process Equipment Packages

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CAPACITY OVERVIEW

- General Capabilities
- LNG, CNG & LPG project engineering, fabrication, construction and commissioning
- Piping and pipeline design, fabrication, construction and installation
- ASME BPVC design & fabrication of pressure vessels and process equipment
- Civil and structural design and fabrication
- Company facilities & equipment
- Quality certifications & awards
- Relevant experience profile

HGL HONSUN GLOBAL LIMITED

WHO ARE WE?

Honsun Global Limited (HGL) is an Independent 100% indigenous EPC company dedicated to providing responsive , high quality and cost effective services to the upstream & downstream of the oil and gas, engineering construction industry in Nigeria and West Africa.

HGL HONSUN GLOBAL LIMITED

GENERAL CAPACITY

- Engineering & Project Management
- Procurement & Materials Management
- Piping and Pipeline Fabrication, Construction & Installation
- Manufacture of Boiler & Pressure Vessels, Equipment Packages, Marine Structures, Storage Tanks.
- Pre-commissioning & Commissioning
- Maintenance & Decommissioning Services

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ENGINEERING & PROJECT MANAGEMENT

- FEED, Preliminary & Basic Engineering
- Detail Engineering
- Design & Drafting
- 3D Models & As-Built Drawings
- Turn-key EPCIC Projects
- MEIC Projects
- Process Equipment package Solutions
- Pipeline Facilities Projects
- Construction & Installation Management

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LNG, CNG & LPG PROJECT CAPABILITY

END-TO-END ENGINEERING, FABRICATION, CONSTRUCTION & COMMISSIONING

LNG FACILITIES

- Feed gas reception, filtration and separation systems
- Gas pretreatment, dehydration and liquefaction package interfaces
- Cryogenic piping, boil-off gas and LNG storage systems
- LNG transfer, loading and unloading facilities
- Utilities, offsites, fire protection and safety systems

CNG FACILITIES

- CNG compression and mother/daughter station facilities
- Cascade loading, unloading and high-pressure gas distribution
- PRMS, metering, heating and pressure regulation packages
- Generator and industrial fuel-gas supply systems
- ESD, gas detection and interconnecting piping systems

LPG FACILITIES

- LPG receiving, storage and transfer facilities
- Storage bullets/tanks, pumps, compressors and vaporizers
- Truck loading/unloading and product transfer systems
- Pressure regulation, metering and distribution facilities
- Associated piping, utility and process safety systems

Capabilities are developed to applicable client specifications, statutory requirements and recognized industry codes and standards.

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PROCESS & MECHANICAL ENGINEERING

LNG | CNG | LPG PROJECTS

PROCESS ENGINEERING

- Project design basis, process design criteria and operating philosophy
- Process simulation, heat & material balance and utility balance
- PFDs, UFDs, P&IDs and process equipment datasheets
- Equipment sizing, line sizing, hydraulics and pressure-drop studies
- Relief, depressurization and flare/vent system studies
- Control philosophy, cause & effect and operating narratives
- HAZID/HAZOP, LOPA/SIL and process safety study support

MECHANICAL & PIPING

- Pressure vessels, separators, filters and storage tank design/specification
- Static/rotating equipment specifications, package integration and vendor review
- Piping material classes, specifications and material selection
- Plot plans, equipment layout, piping GA drawings and isometrics
- Piping flexibility/stress analysis, support and restraint design
- 3D modelling, MTO/BOM, construction work packs and as-built drawings
- Welding, NDE, coating, insulation and mechanical integrity requirements

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CONSTRUCTION TO COMMISSIONING

INTEGRATED PROJECT DELIVERY FOR LNG, CNG & LPG FACILITIES

FEED → DETAIL DESIGN → PROCUREMENT → FABRICATION → CONSTRUCTION → PRE-COMM. → COMMISSIONING

PROCUREMENT & FABRICATION

- Vendor technical evaluation, procurement support and expediting
- Material control, traceability and inspection coordination
- Shop fabrication of piping, vessels, tanks, skids and supports
- WPS/PQR/WPQ implementation, NDE and QA/QC documentation

CONSTRUCTION & INSTALLATION

- Site fabrication, mechanical erection and package installation
- Piping, structural and equipment installation and tie-ins
- Civil, electrical and instrumentation interface coordination
- Pressure/leak testing, flushing/blowing, coating and insulation
- Mechanical completion, punch listing and system handover

PRE-COMMISSIONING & COMMISSIONING

- Systemization, readiness reviews, drying, inerting and purging
- Instrument calibration, loop checks and ESD/interlock testing
- Functional testing, start-up assistance and hydrocarbon introduction
- Performance testing, punch close-out, as-built documentation and handover

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PIPING AND PIPELINE FABRICATION, CONSTRUCTION AND INSTALLATION

- Greenfield/ Brownfield Construction & Installation Services
- Process Equipment Packages
- Mechanical & Piping
- Electrical & Instrumentation
- Civil & Structural
- Installation
- Skilled Workforce: Our team of certified welders, fitters, and technicians ensures that installations are performed safely, efficiently and to the highest standards.
- Field Services: Providing comprehensive field services including site preparation, installation, commissioning, and maintenance.
- Safety and Compliance: Adherence to strict safety protocols and industry regulations to ensure a safe working environment and project execution.

MANUFACTURE OF PRESSURE VESSELS, MARINE STRUCTURES, STORAGE TANKS

- HGL has the capacity to design, construct, alter and repair pressure vessels and power boilers per ASME Section VIII and NBIC pressure vessel codes.
- In compliance with ASME pressure vessel standards and other international best practices.
- We have highly-skilled and certified welders, equipped to service pressure vessels as well as power and process piping.
- HGL also provides complete design and fabrication of specialty pressure vessels, quick actuating closures and custom vessel internals for the oil & gas.
- Manufacture of Pressure vessels.
- Storage Tanks
- Pig Launchers
- Pig Traps

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CERTIFICATIONS AND STANDARDS

ISO Certifications: Certified to ISO 9001 (Quality Management).

Industry Standards: Compliance with industry standards such as ASME, API, DEPs and NACE.

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RELATED PROJECTS EXECUTED BY HONSUN GLOBAL LIMITED:

- STATIC EQUIPMENT RE-EVALUATION AND RECERTIFICATION PROJECT -PAN OCEAN OIL COOPERATION
- PROPANE STORAGE & DISPENSING TERMINAL PROJECT – PAN OCEAN OIL COOPERATION (POOC)
- MEJI PRODUCTION PLATFORM DEBOTTLENECKING PROJECT – CHERVON (SUB-CONTRACTOR)
- GAS EXPANSION PROJECT FOR HIGH PRESSURE AND MEDIUM PRESSURE LINE CNG – POWERGAS EBEDEI
- DESIGN AND MANUFACTURING OF TEMPERED WATER EXPANSION VESSEL – NLNG T7 PROJECT
- DESIGN AND MANUFACTURING OF INSTRUMENT AIR VESSEL -NLNG T7 PROJECT.

NON-DESTRUCTIVE TESTING CAPACITY

Testing Services Performed

- Visual
- Non Destructive Testing (NDT)
- X-Ray / Ultrasonic / Gamma Radiography
- Hydro (up to 10,000 psig)
- Dye Penetrant, Liquid Penetrant
- Magnetic Particle
- Hardness & Ferrite Testing
- Pneumatic,
- Brinell Testing

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MANPOWER AND EXPERIENCE

DISCIPLINE	NUMBER	AVERAGE YEARS OF EXPERIENCE
Project Manager	2	15
Project Engineer	3	10
Design Engineer/Drafts	2	8
Administration	3	12
Procurement	3	8
Electrical/Instrumentation Engineer	4	9
Mechanical/Piping Engineer	2	11
HSE	3	10
Business dev.	2	7
Civil/Structural Engineer	2	10
Technicians/Craftsmen	5	8
Equipment Operators	3	10

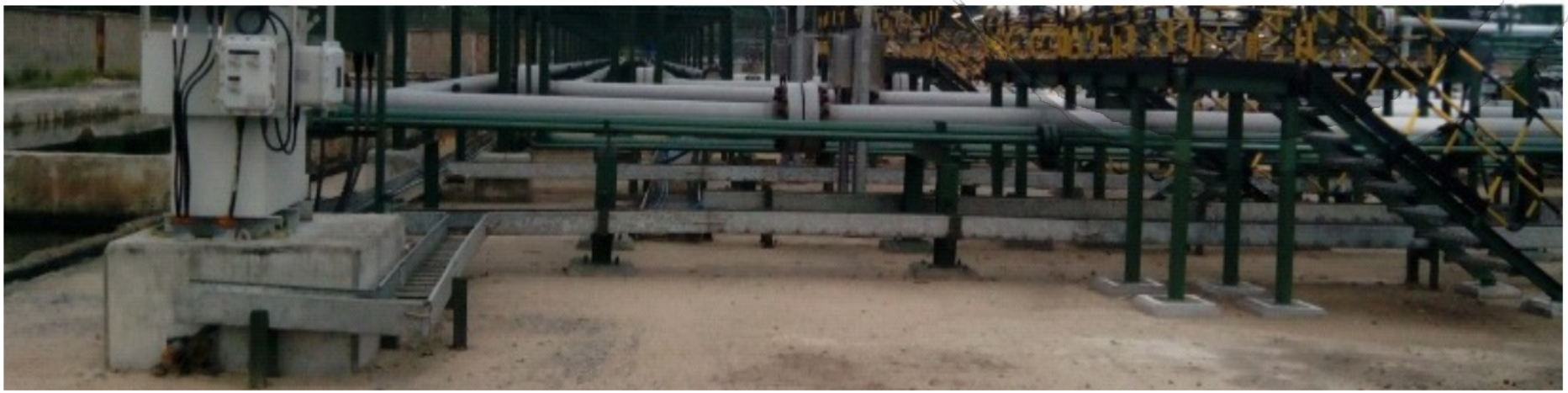
COMPANY FACILITY AND EQUIPMENT

S/N	General Description	Quantity
1	Fab. Workshop	1
2	Lay barge	1
3	Muster barge	1
4	Welding machines	10
5	Jib Cranes 5ton	2
6	Concrete mixer	1
7	Oxy-acetylene set	3
8	Self-Loader	1
9	Vessel rotators	2
10	Excavators	3
11	Crawler crane	1
12	Hilux	4
13	Mobile concrete mixer	2
14	Truck	2

GALLERY OF PAST PROJECTS



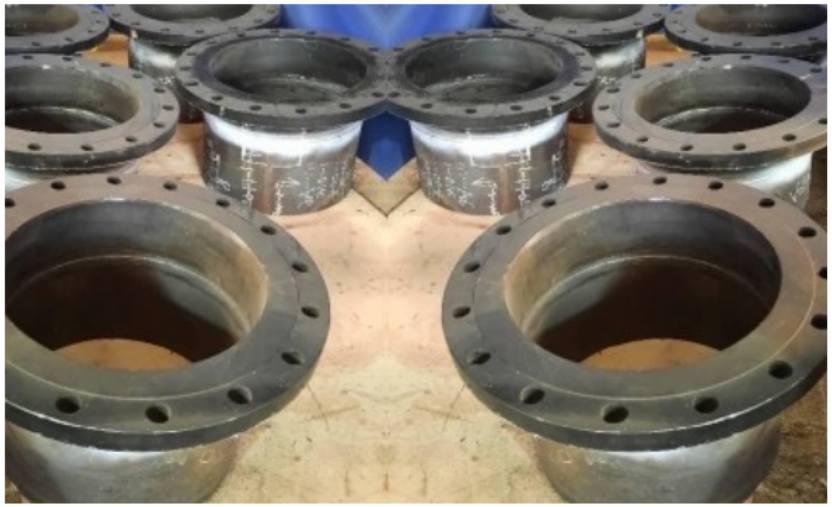




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OUR STRATEGIC PARTNERS

COLLABORATING TO DRIVE ENERGY SECURITY & SUSTAINABLE GROWTH





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