



HOUSTON
ENGINEERING
& MARINE SERVICES LTD.

COMPANY

Profile



AN EPCIC, SURVEY &
MAINTENANCE COMPANY

...safety! the core of our operations.

INTRODUCTION

Houston Engineering & Marine Services Limited (HEMSL) is a wholly Nigerian owned company incorporated in September 2010 by a team from various engineering backgrounds and experiences with the aim of providing Engineering, Procurement, Construction, Installation & Commissioning Services (EPCIC) to the Onshore / Offshore and Subsea sectors of the Oil & Gas Industry.

We are currently based strategically in the heart of the Niger Delta in Port Harcourt, Rivers State Nigeria.



OUR VISION

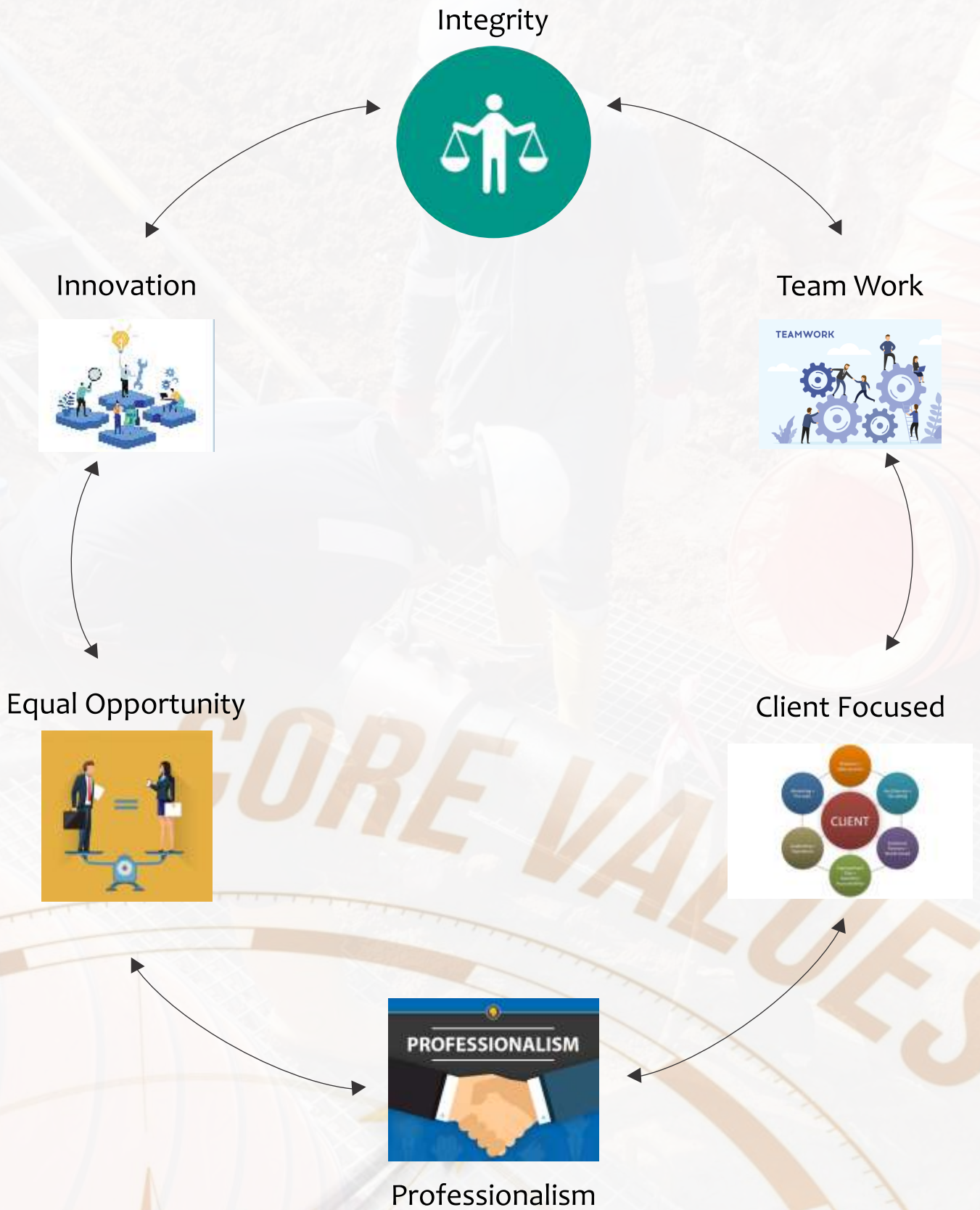
To become pace setters, best in class and a world renowned Engineering, Procurement, Construction, Installation & Commissioning services (EPCIC) Company.

MISSION STATEMENT

- * To deliver quality and innovative services to our stakeholders through exceptional professionalism and health and safety best practices.
- * To invest in social benefits and environmental sustainable programs.



OUR CORE VALUES



BOARD OF DIRECTORS



TED ENEH

Chairman (Houston Tenecon Group)



MARK OBI

MD / CEO



OKECHUKWU ENEH

Executive Director Of Operations



OUR TEAM

Since Inception, our success has depended on every employee. Due to their relentless pursuit for excellence and commitment to high standard, this has helped translate the Company's goal into substantial accomplishment over the years.

Each employee is a specialist in his or her field. Our Engineers are certified while our staff are constantly exposed to training and development.

It is our ambition to continue to surpass expectation with best in class services while expanding our geographic footprint.



WHAT WE DO

EPCIC Onshores (Pipelines/Flowlines)

- * Pipelines/Flowlines Construction (Greenfield)
- * Pipelines/Flowline Replacement (Brownfield)
- * Pipelines/Flowline repairs (Brownfield - land, swamp & shallow waters)
- * Procurement (Including Valves and line pipes)
- * Pipeline Coating Repairs
- * Pipeline Manifold Upgrades
- * Valves Replacement
- * Right Of Way Survey & bush clearing
- * Composite Repairs (Onshore / Offshore)
- * Corrosion Condition Monitoring, Corrosion Control & Cathodic Protection
- * Destructive and Non Destructive Tests
- * Nitrogen Purging, Hydro testing and Pigging



EPCIC Onshores

(Mechanical Construction/Modification)

- * Yard / Site Fabrication
 - Piping
 - Vessels
 - Supports etc
- * Project Management Services
 - Planning
 - Scheduling
 - Document / Information Management
 - Performance Monitoring
- * Site Survey, Installation & Construction Works
 - Process / Utility Equipment Installation e.g Valves, Pumps, Vessels etc
 - Upgrade / Repair works
 - Hook-up / Tie-in
 - Pre-commissioning etc
- * Quality Control
 - Non Destructive Test (UT, MPI, X-ray etc)
 - Pressure / Leak test
- * Commissioning Of Manifold & New Installations
 - As - built
 - Test Reports
 - Project Files etc
- * Project Support Services
 - Lodging & Accommodation
 - Design Reviews
 - Transport Facilities etc
- * HSES Provisions
 - Trainings
 - Compliance Monitoring & Reports
 - Performance Data Reporting etc.

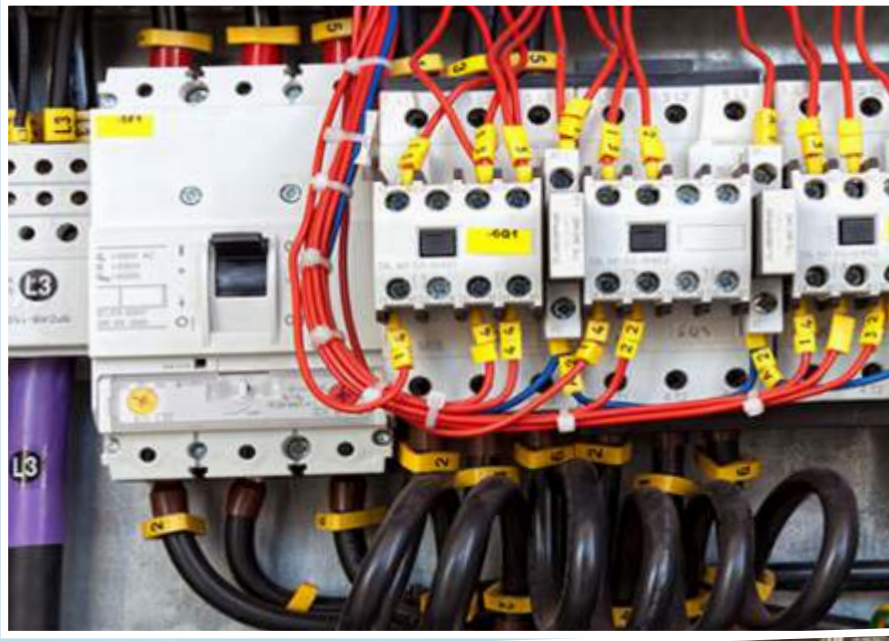


EPCIC Onshores

INSTRUMENTATION, CONTROL AND ELECTRICAL

- * Instrument Technical Support To Oil & Gas Field Operations
- * Process Control Philosophy and Design Installation, Maintenance, Repairs, Calibration, Bench setting, Testing, Field Configuration and Commissioning of Metering Systems and Elements.
- * Installation of Electronic Transmitters, Explosion proof junction boxes, cable trays and cable runs, control and measuring devices (such as recorders, controllers, flow control valves with positioners, actuators, transmitters, converters, process flow computers, fire protection systems and Security Systems).
- * Preventive and breakdown maintenance of offshore and onshore electrical (High/Medium/low voltage testing and installation. Cable RMUs, switch gears, transformers and accessories.
- * Installation of ground systems and accessories, Bus duct and accessories.





PIPELINE INSPECTION

Houston Engineering & Baker Hughes formed an alliance to deliver high end inLine Pipeline Survey (Intelligent Pigging & Cathodic Protection Current Measurement)

- * MFL / Cal Combo Tools.
- * Calliper Tools
- * Cathodic Protection Inspection
- * V-Line Tethered Inspection.

NON - DESTRUCTIVE TESTING (NDT)

- * Immersion Ultrasonic Testing
- * Dye Penetrant Testing (DPI)
- * Magnetic Particle Inspection
- * Eddy Current Testing
- * Radiographic Testing
- * Digital Radiography
- * NDT Auditing Services

NITROGEN SERVICES

- * Nitrogen Purging
- * Nitrogen Pressure Testing
- * Nitrogen Cooling
- * Nitrogen Drying
- * Nitrogen Foam Inerting
- * Nitrogen Gas Lifting
- * Nitrogen Pipe Freezing



UNDERWATER INSPECTION

Houston Engineering, in collaboration with **2G Robotics** (Laser manufacturers) (ROV) renders high quality underwater inspection services.

- * Laser & Sonar Inspection
- * ROV Operations (Saab Seaeye Cougar XT 33, Saab Seaeye Cougar XT 34, Saab Seaeye Falcon & Seabatix LBV 150 SE-5)
- * Digital Still & Video
- * Diving Services (Visual Inspection, Subsea Structural Cleaning, Pipeline Leak Repair, Riser Repairs, Grit & Cavi Blasting, Hot Work, Decommissioning & Retrievals & Audit).

ENVIRONMENTAL SURVEY

- * Marine Environmental Consultancy
- * Marine Environmental Ecology
Benthic, Sediment, Chemistry, Microbiology Laboratories & Analysis
- * Geographical Information Systems (GIS), Chart Production & Data Management.





ENVIRONMENTAL SURVEY

- * Environmental Impact Assessment (Onshore / Offshore)
- * Environmental Risk Management
- * Environmental / Seabed Data Acquisition
- * Environmental Due Diligence Auditing
- * Environmental & Social Threat Assessment
- * Carbon Footprint Assessment & Management
- * Contaminated Site Assessment
- * Facilitation & Auditing of EMS
- * Data Interpretation & GIS
- * Water Management Studies
- * Waste Management Consulting



COMPOSITE REPAIRS

HEMSL entered into a good working relationship with 3X Engineering to sell, apply and support 3X product range in Nigeria.

We have 3X certified installers capable of attaining S.A 2.5 roughness on site conditions utilizing the Bristle Blaster technology as the preferred method of surface preparation, specifically in situations where it is impractical to grit blast.

We are also capable of providing solution and repair (Onshore & Offshore) to leaks under pressure without shutting down the lines. These can be achieved using REINFORCEKIT 4D, REFLANGE KIT SF6, ROLLERKIT, STOPKIT & TANKIT.



HEMSL offers Services in these categories:

* **Corrosion Condition Monitoring**

- Riser Inspection & UT Measurements for pipelines / flowlines (Magnetostrictive Sensor Technology MsS)
- Long Range Guided Wave Inspection
- Pulse Eddy Current
- Fluid Sampling & Analysis on Producing Lines
- Asset Physical Verification

Integrity Data Gathering & Collation






- Pipeline design records
- Pipeline test records
- Pipeline strip maps
- Access to pipeline fault data
- Previous surveys & surveillance
- Aerial phonographs / ROV data of pipeline route
- Operational pressure records
- Pipeline inspection and maintenance records
- Modification records

To determine the general Risk Assessment of Flowlines, data will be gathered on the following assessments.

- Internal Corrosion
- External Corrosion
- Fatigue
- Stress Corrosion Cracking
- Mechanical Damage
- Loss of Ground Support (for land flowlines)
- Third Party Intervention

* **Cathodic Protection System**

HEMSL is the authorized distributor of Matcor product which is the world leader in cathodic protection systems. Products includes;

	Benefits	Applications
 <p>LINEAR SPL™-ANODE ★</p>	<ul style="list-style-type: none"> • Multiple anode to cable connections • Ease of installation 	<ul style="list-style-type: none"> • Gathering, transmission and distribution lines, plant piping systems
 <p>TANK RING ANODE ★</p>	<ul style="list-style-type: none"> • Superior current distribution • Ease of installation 	<ul style="list-style-type: none"> • ASTs for oil products, fire water tanks
 <p>IRON GOPHER® HDD Linear Anode ★</p>	<ul style="list-style-type: none"> • Designed specifically for HDD • Utilizes SPL core technology • Up to 3x stronger 	<ul style="list-style-type: none"> • ASTs, environmentally sensitive areas, other areas where open trenching is not possible, rugged conditions
 <p>DURAMMO™ Deep Anode System ★</p>	<ul style="list-style-type: none"> • Fully factory assembled • Arrives on-site ready to install safely 	<ul style="list-style-type: none"> • Well casings, plant piping systems, pipelines, dock structures
 <p>The MITIGATOR® AC Mitigation System</p>	<ul style="list-style-type: none"> • Significantly greater surface area • Improved performance over other grounding systems by up to 38% 	<ul style="list-style-type: none"> • Pipelines co-located in high-voltage ROW where induced current poses personnel safety and corrosion risks

	Benefits	Applications
 <p>MMP™-Anode Prepackaged MMO Anode</p>	<ul style="list-style-type: none"> • Lightweight and easy to install • Available in multiple sizes and outputs 	<ul style="list-style-type: none"> • Pipelines, plant piping systems, other buried facilities
 <p>SEA-BOTTOM™ ANODE Marine Anode Sled</p>	<ul style="list-style-type: none"> • Designed for specific application • Factory assembled – arrives on-site ready to install 	<ul style="list-style-type: none"> • Marine CP for dock structures, support piling, sheet piles, etc.
 <p>PROBE ANODE Impressed Current Anode</p>	<ul style="list-style-type: none"> • Long service life • Ease of installation • Designed to minimize potential for leaks 	<ul style="list-style-type: none"> • Condenser water boxes in electrical generating facilities, steel tanks in vessels
 <p>SPL-INT™ ANODE Impressed Current System ★</p>	<ul style="list-style-type: none"> • Unique patented impressed current system designed for use inside pipelines • Lightweight and easy to ship • Installation time is minimized 	<ul style="list-style-type: none"> • Seawater and brackish water intake pipelines, mining applications, cooling water systems

Patented Kynex® Connection Technology

- Injection-molded to encapsulate joint of anode to cable connection
- Bonded with body of cable insulating material

Patent No.: US 8,502,074



*** Corrosion Control / Coating Campaign**

- Polyethylene
- Polypropylene
- Fusion Bonded Epoxies

Polyethylene is the most widely used on Flowlines and there 3 grades.



LIST OF COMPLETED PROJECTS

S/N	PROJECT TITLE	LOCATION	DATE
1.	ASSESSMENT & INSTALLATION OF HDPE TITE LINER ACROSS 12" X 300M HDD GAS PIPELINE	COCONUT RIVER APAPA	APRIL, 2017
2.	IN-LINE INSPECTION FOR PROPOSED UPGRADE OF 12"X 400M HDD GAS PIPELINE ALONG LIVERPOOL CROSSING	COCONUT RIVER APAPA	JULY, 2017
3.	PROCUREMENT AND SUPPLY OF VARIOUS ITEMS FOR PROJECT DEVELOPMENT DU DEVELOPMENT SUBSEA BONGA FPSO	VARIOUS	JUNE, 2017
4.	SWAMP FLOWLINES CONSTRUCTION AND MECHANICAL REPAIRS OPUKUSHI F/S WELL	OPUKUSHI	MAR, 2018
5.	PROCUREMENT AND SUPPLY OF SURFACE PREPARATION KIT FOR PIPELINE REPAIRS	VARIOUS	JUNE, 2018
6.	LEAK REPAIR BY CLAMPING ON THE 16" T/L (FID - 2434741)	ETEKURU	AUG, 2019
7.	LEAK REPAIR BY SCREW CAPPING 14" (FID - 2452330 / 2452344)	UKPEILEDE	SEP, 2019
8.	IC REMOVAL / REPAIR ON THE 8" D/L (FID - 2180933)	UMUECHEM	SEP, 2019
9.	LEAK REPAIR/IC REMOVAL ON THE 14" (FID - 2452330 /2452344)	UKPEILEDE	SEP, 2019
10.	POST IP DEFECT REPAIR BY SPLIT SLEEVE IN-SERVICE WELDING 36" - PT - 13503.04	IRIEBE	SEP, 2019
11.	PIPELINE COATING REPAIR ON 28" TNP - KP 29.0,KP29.1,KP 29.3, KP29.4 29405.2M	NPOKU – BOMU	SEP, 2019
12.	PIPELINE COATING REPAIR ON 28" TNP - KP 28.60,KP28.62,KP28.8,KP 28.9	NPOKU – BOMU	SEP, 2019
13.	PIPELINE COATING REPAIR ON 28" TNP - KP 16.80,KP 16.8, KP 17.0	NPOKU – BOMU	SEP, 2019
14.	PIPELINE COATING REPAIR ON 28" TNP - KP 20.5,KP 27.7,KP 33.1,KP 83.3	NPOKU – BOMU	SEP, 2019
15.	PIPELINE COATING REPAIR ON 28" TNP - KP 23.4, KP 27.5, KP 28.0 KP 28.1	NPOKU – BOMU	SEP, 2019
16.	PIPELINE COATING REPAIR ON 28" TNP - KP 15.5, KP 15.6, KP 15.6, KP 16.8	NPOKU – BOMU	SEP, 2019
17.	PIPELINE COATING REPAIR ON 28" TNP - KP 15.5, KP 15.6, KP 15.6 KP, KP 16.8	NPOKU – BOMU	SEP, 2019
18.	LEAK REPAIR/ IC REMOVAL ON THE NEW 20" KOLO CREEK – RUMUEKPE T/L	OKOMAI	SEP, 2019
19.	LEAK REPAIR BY BLIND FLANGE INSTALLATION ON THE 28" TNP (FID – 2443760)	EJAMA EBUBU	SEP, 2019
20.	SPLIT TEE SLEEVING BY IN SERVICE WELDING ON THE 28" TNP (FID – 2443760)	EJAMA EBUBU	SEP, 2019
21.	POST IP DEFECT REPAIR BY SPLIT SLEEVE IN-SERVICE WELDING ON THE 36"	ENEKA	SEP, 2019
22.	LEAK REPAIR BY CLAMPING ON THE 14" OKORDIA (FID – 2475895)	IKARAMA	OCT, 2019
23.	LEAK REPAIR/IC REMOVAL ON THE 14" OKORDIA (FID – 2471501)	IKATA (PT 1)	OCT, 2019
24.	LEAK REPAIR/IC REMOVAL ON THE 14" OKORDIA (FID – 2473423)	IKATA (PT 2)	OCT, 2019
25.	LEAK REPAIR/IC REMOVAL ON THE 14" OKORDIA (FID – 2488941)	OSHIE	OCT, 2019
26.	REHABILITATION OF OBELLE WELL 5	OBELLE	OCT, 2019
27.	CROSSOVER INVESTIGATION & JIV ON 24" TNP (FID - 2432620/2474412)	MOGHO/KPOR	OCT, 2019
28.	BLIND FLANGING OF THE IC VALVE ON THE 24"/28" TNP (FID - 2474413/2432620)	KPOR	OCT, 2019
29.	LEAK REPAIR/IC REMOVAL ON THE 14" OKORDIA (FID – 2478772)	IHUOWO	OCT, 2019
30.	IC REMOVAL & REPAIR ON THE 24" TNP (FID – 2474413)	KPOR	OCT, 2019
31.	INSTALLATION OF WELD NECK FLANGES & VALVES (PTW – 3141 & 3148)	UBIE/UKPELEDE	OCT, 2019
32.	LEAK REPAIR/ IC REMOVAL BY IN-SERVICE (SLITE-TEE) WELDING 24" TNP (FID – 2452373)	PATRICK WATERSIDE	OCT, 2019
33.	IC REMOVAL ON THE 14" T/L (FID – 2498280)	ULA – OKOBO	NOV, 2019
34.	REHABILITATION OF UMUECHEM ROAD	UMUECHEM	NOV, 2019
35.	LEAK REPAIR/IC REMOVAL ON THE 24" TNP (FID – 2505132)	KPITE	NOV, 2019
36.	LEAK REPAIR BY CLAMPING ON THE 14" OKORDIA (FID - 2512915/2512912)	ULA – OKOBO	NOV, 2019
37.	LEAK REPAIR BY CLAMPING ON 18" ASSA (FID – 2531864)	AWARA	DEC, 2019
38.	LEAK REPAIR/ IC REMOVAL ON NEW 20" KOLO CREEK – RUMUEKPE T/L (FID – 2533005)	OKPOROWO	DEC, 2019
39.	SPLIT TEE INSTALLATION BY IN-SERVICE WELDING ON 28" TNP - (FID – 2474412)	KPOR	DEC, 2019
40.	POST IP DEFECT REPAIR ON 24" – COFFERDAM CONSTRUCTION - (32616.77M)	PATRICK WATERSIDE	JAN, 2020
41.	POST IP DEFECT REPAIR ON 24" – COFFERDAM CONSTRUCTION (32023.64M)	PATRICK WATERSIDE	JAN, 2020
42.	POST IP DEFECT REPAIR ON 24" – COFFERDAM CONSTRUCTION (31486.79M – 1490.11M)	PATRICK WATERSIDE	JAN, 2020
43.	LEAK REPAIR BY CLAMPING ON 12" IMO RIVER T/L (FID - 2552145)	OGHALE	JAN, 2020
44.	LEAK REPAIR BY CLAMPING ON 20" TEP (FID - 2517785)	OTUMARA	JAN, 2020
45.	REPAIR BY SECTIONAL REPLACEMENT ON 8" ELBOW	OUTMARA F/S	JAN, 2020
46.	SPLIT TEE INSTALLATION BY IN-SERVICE WELDING ON THE 20" TEP (FID -2452373)	OTUMARA	JAN, 2020
47.	IP DEFECT REPAIR BY SECTIONAL REPLACEMENT 8" (2500.0M – 2586.1M)	UBIE D/L	JAN, 2020
48.	IP DEFECT REPAIR BY SECTIONAL REPLACEMENT 8" (2790.0M – 2803.0M)	UBIE D/L	JAN, 2020
49.	IP DEFECT REPAIR BY SECTIONAL REPLACEMENT 8" (2238.7M – 2420.0M)	UBIE D/L	JAN, 2020
50.	IP DEFECT REPAIR BY SECTIONAL REPLACEMENT 8" (1247.7M – 1432.9M)	UBIE D/L	JAN, 2020
51.	LEAK REPAIR / JIV ON THE 20" KCTL	RUMUEKPE	FEB, 2020
52.	REPAIR BY SECTIONAL REPLACEMENT ON THE 8"	OTUMARA	FEB, 2020
53.	JIV/BLIND FLANG INSTALLATION ON 14" (FID - 2571635)	ABUA	FEB, 2020
54.	JIV/LEAK REPAIR BY CLAMPING ON 28" TNP (FID - 2611470)	RUMUEWHARA	MAR, 2020
55.	JIV/LEAK REPAIR BY CLAMPING ON 28" TNP (FID - 2611431)	ETEO	MAR, 2020
56.	JIV/LEAK REPAIR BY CLAMPING ON 12" (FID - 2605522)	ETEO	MAR, 2020
57.	ADDITIONAL SUPPORT SPREAD ON THE 24"	OGBOTOBO	MAR, 2020
58.	JIV/LEAK REPAIR ON THE 12" OGUTA – EGBEMA TL (FID - 2605522)	EZORSU	MAR, 2020
59.	LEAK REPAIR BY CLAMPING ON THE 16" ASSA – EGBEMA (FID - 2613155)	UMUDIKE	MAR, 2020

60.	POST IP DEFECT BY SECTIONAL REPLACEMENT 24" TRP	OGBOTOBO	MAR, 2020
61.	SPLIT TEE INSTALLATION BY IN-SERVICE WELDING ON 24" KP 19 (FID - 2585998)	AGHORO KP 29	MAR, 2020
62.	POST IP DEFECT BY EXCAVATION 24" TRP KP 29 (FID - 2571635)	AGHORO KP 29	MAR, 2020
63.	IP DEFECT REPAIR BY SECTIONAL REPLACEMENT 24" TRP KP 10.0 (FID - 11834)	OGBOTOBO	MAR, 2020
64.	IP DEFECT REPAIR BY SECTIONAL REPLACEMENT 24" TRP KP 10.3 (FID - 11512)	OGBOTOBO	MAR, 2020
65.	IP DEFECT REPAIR BY SECTIONAL REPLACEMENT 24" TRP KP 11.6 12104,14455,14946,17349	OGBOTOBO	MAR, 2020
66.	IP DEFECT REPAIR BY SECTIONAL REPLACEMENT 24" TRP KP 12.8 (FID - 11512)	OGBOTOBO	MAR, 2020
67.	JIV/LEAK REPAIR BY CLAMPING ON 10" DIEBU CREEK – NUN RIVER (FID - 2624644)	OSOKAMA	APR, 2020
68.	JIV/LEAK REPAIR BY CLAMPING ON 14" OKORDIA – RUMUEKPE TL (FID - 2616750)	AKINIMA	APR, 2020
69.	LEAK REPAIR/ IC REMOVAL 14" OKORDIA – RUMUEKPE TL (FID - 2625566)	IHUOWO	APR, 2020
70.	LEAK REPAIR BY CLAMPING ON 14" OKORDIA – RUMUEKPE TL (FID - 2631887)	EDOHA	APR, 2020
71.	LEAK REPAIR BY CLAMPING ON 18" ASSA - EGBEMA (FID - 2625819)	AWARA	APR, 2020
72.	LEAK REPAIR BY CLAMPING ON 18" ASSA - EGBEMA (FID - 2624325)	AWARA	APR, 2020
73.	LEAK REPAIR BY CLAMPING ON 14" OKORDIA – RUMUEKPE TL (FID - 2626666)	IKARAMA	APR, 2020
74.	LEAK REPAIR/ IC REMOVAL ON THE 14" OKORDIA - EGBEMA (FID - 2626666)	OSHIKA	APR, 2020
75.	LEAK REPAIR/ IC REMOVAL BY SECTIONAL REPLACEMENT ON THE 8" (1760M, 1471M)	UBIE	APR, 2020
76.	LEAK REPAIR (NEW) BLINDING ON THE 20" KCTL (FID - 2446482)	OKPOROWO	MAY,2020
77.	LEAK REPAIR (OLD) BLINDING ON THE 20" KCTL (FID - 2446482)	OKPOROWO	MAY,2020
78.	JIV/LEAK REPAIR BY CLAMPING ON THE 16" (FID - 2638020/ 2639827)	ETEKURU	MAY,2020
79.	JIV/LEAK REPAIR BY CLAMPING ON THE 16" (FID - 12700)	OPOROMA	MAY,2020
80.	STRINGING, SURFACE WELDING & LOWERING 16" (19571)	OPOROMA	MAY,2020
81.	DEFECT VERIFICATION & REPAIR BY SLEEVING ON THE 16" (154.29m)	OPOROMA	MAY,2020
82.	LEAK REPAIR BY CLAMPING ON THE 14" (FID - 2638015 - 4DAYS)	EDEOHA	MAY,2020
83.	LEAK REPAIR BY CLAMPING ON THE 14" (FID - 2568816 - 2DAYS)	EDEOHA	MAY,2020
84.	LEAK REPAIR BY CLAMPING ON THE 14" (FID - 2568816 - 6DAYS)	EDEOHA	MAY,2020
85.	JIV/LEAK REPAIR BY BLIND FLANGING ON THE 28" (FID - 2637568)	ELELENWO	MAY,2020
86.	BLIND FLANGING OF ILLEGAL BUCKERING POINT ON THE 20" (FID - 2412401)	ABUA	JUNE,2020
87.	LEAK REPAIR BY CLAMPING ON THE 20"	RUMUEKPE	JUNE,2020
88.	LEAK REPAIR BY CLAMPING ON THE 28" (FID - 2662361)	KPOR	JUNE,2020
89.	RESTRICTION REMOVAL BY SECTIONAL REPLACEMENT TRP KP 29 24" (FID - 0023234)	AGHORO KP29	JUNE,2020
90.	LEAK REPAIR BY SPLIT TEE INSTALLATION ON THE 28" TNP (FID - 2637568)	ELELEWO	JUNE,2020
91.	LEAK REPAIR BY CLAMPING ON THE 28" (FID - 2660117)	RUMUOHWA	JUNE,2020
92.	POST IP DEFECT BY SECT REP ON 14" (CRW 1)(257.43M - 283.64, 580.2M - 598.32M,888.07M-916.66M)	IKARAMA	JUNE,2020
93.	POST IP DEFECT BY SECT REP "ON THE 14" (CREW 2) FAILED PT 2 (PP LD - 1059M ACTUAL LD - 1045M)	IKARAMA	JUNE,2020
94.	POST IP DEFECT BY SECT REP "ON THE 14" SECT REP FAILED PT 1 (PP LD 116M ACTUAL LD 102M)	IKARAMA	JUNE,2020
95.	RESTRICTION REMOVAL BY SECTIONAL REPLACEMENT II TRP KP 29 24" (FID - 0023234 , 0027400)	AGHORO KP29	JULY,2020
96.	LEAK REPAIR / IC REMOVAL BY CLAMPING ON THE 8" (FID - 2685062)	ODAGWA	JULY,2020
97.	JIV/LEAK REPAIR BY CLAMPING ON THE 18" (FID - 2681377)	EGBEDA	JULY,2020
98.	JIV/LEAK REPAIR BY CLAMPING ON THE 18" (FID - 2684795)	AWARA	JULY,2020
99.	JIV/LEAK REPAIR BY CLAMPING ON THE 12" (FID - 2684795)	OPUOMA	JULY,2020
100.	LEAK REPAIR BY CLAMP WELDING ON THE 20" (FID - 2665340)	IMIRINGI	JULY,2020
101.	POST IP DEFECT REPAIR ON THE 24" PATRICK WATERSIDE (LD – 34521.628M)	PATRICK W/S	AUG,2020
102.	JIV / NON LEAK REPAIR BY CLAMPING ON THE 20" (FID - 2540796)	ISIOKPO	AUG2020
103.	JIV / NON LEAK REPAIR BY CLAMPING ON THE 36" (FID - 2541032)	ISIOKPO	AUG2020
104.	JIV / REPAIR BY CLAMPING ON THE 12" (FID - 2714325)	OWAZA	AUG,2020
105.	JIV/LEAK REPAIR BY CLAMPING ON THE 12" (FID - 2725259)	ODAGWA	SEPT,2020
106.	LEAK REPAIR BY CLAMPING ON THE 8" (FID - 2728324)	IGWURUTA	SEPT,2020
107.	LEAK REPAIR BY SECTIONAL REPLACEMENT II ON THE 8" (FID - 2728324)	IGWURUTA	SEPT,2020
108.	LEAK REPAIR BY CLAMPING ON THE 12 IMO RIVER (FID – 2781593)	UMULOLO	NOV,2020
109.	LEAK REPAIR BY CLAMPING ON THE 12 OGALE – OKOHIA (FID – 2781793)	OKOHIA	NOV,2020
110.	LEAK REPAIR BY CLAMPING ON THE 16 NUN RIVER – KOLO CREEK TL (FID - 2785801)	OTUGUE	NOV,2020
111.	VALVE CHANGE OUT AT EGBEMA MANIFOLD	EGBEMA	JAN,2021
112.	IC REMOVAL/ REPAIR BY CLAMPING ON THE 12" OGUTA- EGBEMA TL	EZIORSU	JAN,2021
113.	LEAK REPAIR BY CLAMPING ON THE 12" OGUTA- EGBEMA TL	OPUOMA	JAN, 2021
114.	DEFECT REPAIR BY SECTIONAL REPLACEMENT ON THE 12" OGUTA- EGBEMA TL	UKWUGBA	JAN, 2021
115.	LEAK REPAIR BY CLAMPING ON THE 18" ASSA- EGBEMA TL	OCHIA	JAN, 2021
116.	POST IP DEFECT REPAIR BY SECTIONAL REPLACEMENT ON THE 24"TRP [KP 26.9 & 27]	AGHORO	JAN, 2021

PICTURE GALLERY





LIFTING AND POSITIONING OF THE REPLACEMENT PIPE ON 8" UBIE PIPELINE



SMAW WELDING PROCESS



LEAK REPAIR BY CLAMPING ON 8"DL AGBADA2 - NKPOKU



FIT UP ON 8" UBIE PIPELINE



COMPLETED CLAMP WELDING ON 20" KOLO CREEK - SOKU PIPELINE



SITE LAYOUT ON GAS LEAK REPAIR BY CLAMP WELDING ON 20" CLAMP ON 20" KOLO CREEK - SOKU PIPELINE



Copyright: HOUSTONENGINEERING

SMAW WELDING PROCESS ON 14" OKORDIA - RUMUEKPE PIPELINE



Copyright: HOUSTONENGINEERING



LOWERING OF REPLACEMENT FOR 24" TRP PIPELINE KP29





SMAW WELDING PROCESS ON 24" TRP RIVER CROSSING





TOOLBOX MEETING ON THE HOUSE BOAT AT 24" TRP Kp29





EXCAVATION TO EXPOSE DEFECT POINT ON 8" UBIE PIPELINE



CLAMP INSTALLATION ON 18" ASSA - RUMUEKPE PIPELINE



COC ON GAS LEAK REPAIR BY CLAMP WELDING ON 20" KOLO CREEK - SOKU PIPELINE



INSTALLATION OF 20" KOLO CREEK - SOKU PIPELINE



PNEUMATIC TORQUEING OF 20" CLAMP ON 20" KOLO CREEK - SOKU PIPELINE



PIPE COATING ON 20" KOLO CREEK - SOKU PIPELINE



TOOLBOX MEETING ON THE HOUSE BOAT AT 24" TRP Kp29



POST IP DEFECT VERIFICATION & REPAIR BY SECTIONAL REPLACEMENT
ON THE 24" TRP @ ODIMODI



LAKE ATHABASCA CANADA
Latitude 5.255172° Longitude 5.378793°
LOCAL 12:13:38 GMT 11:13:38 TUESDAY 06.22.2021 ALTITUDE 5 METER







LAKE ATHABASCA CANADA

Latitude 5.255308° Longitude 5.378785°

LOCAL 10:25:24 GMT 09:25:24 SUNDAY 06.20.2021 ALTITUDE 1



LAKE ATHABASCA CANADA

Latitude 5.271917° Longitude 5.387483°

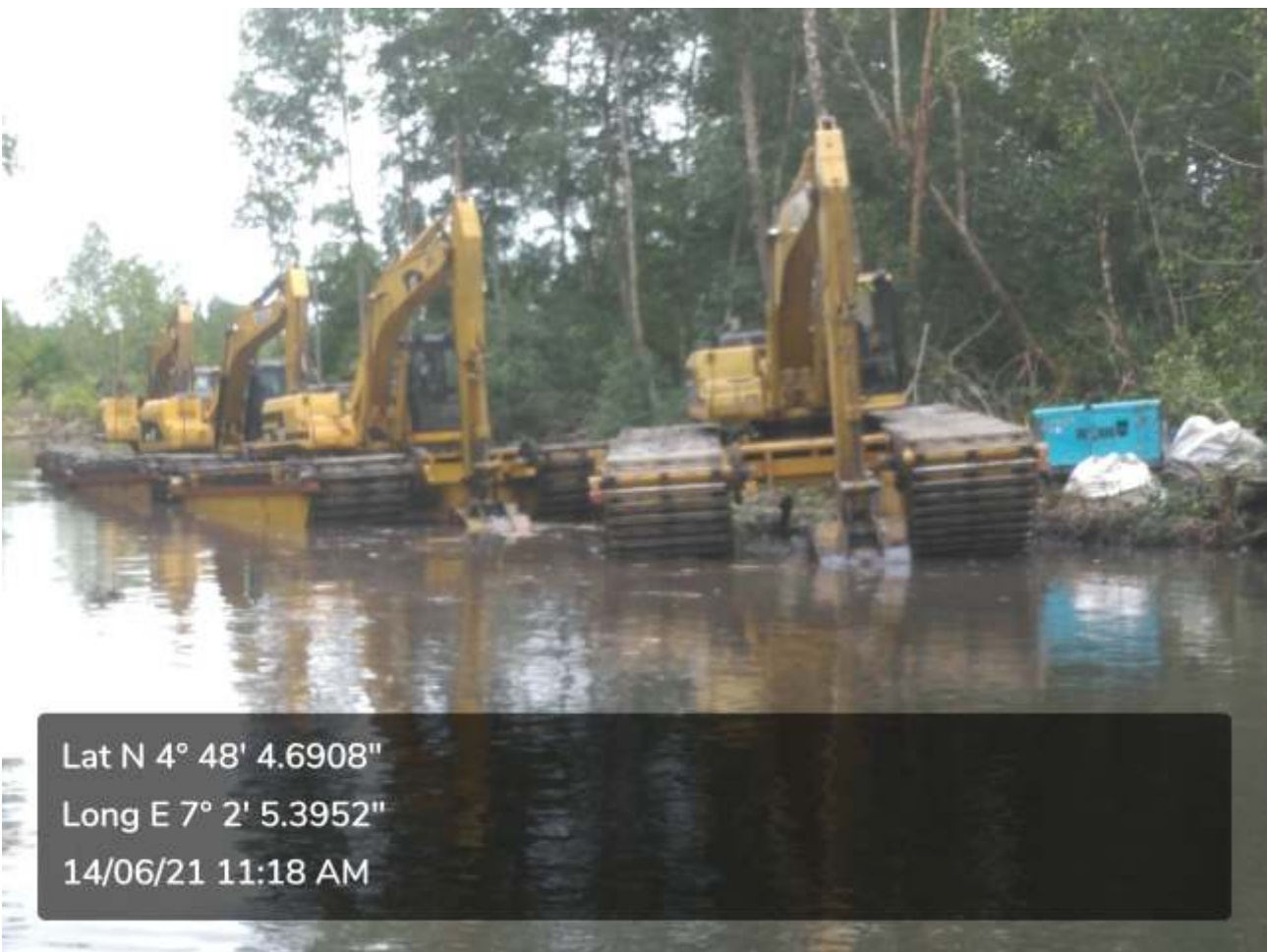
LOCAL 15:46:38 GMT 14:46:38 SATURDAY 06.19.2021 ALTITUDE 8 METER



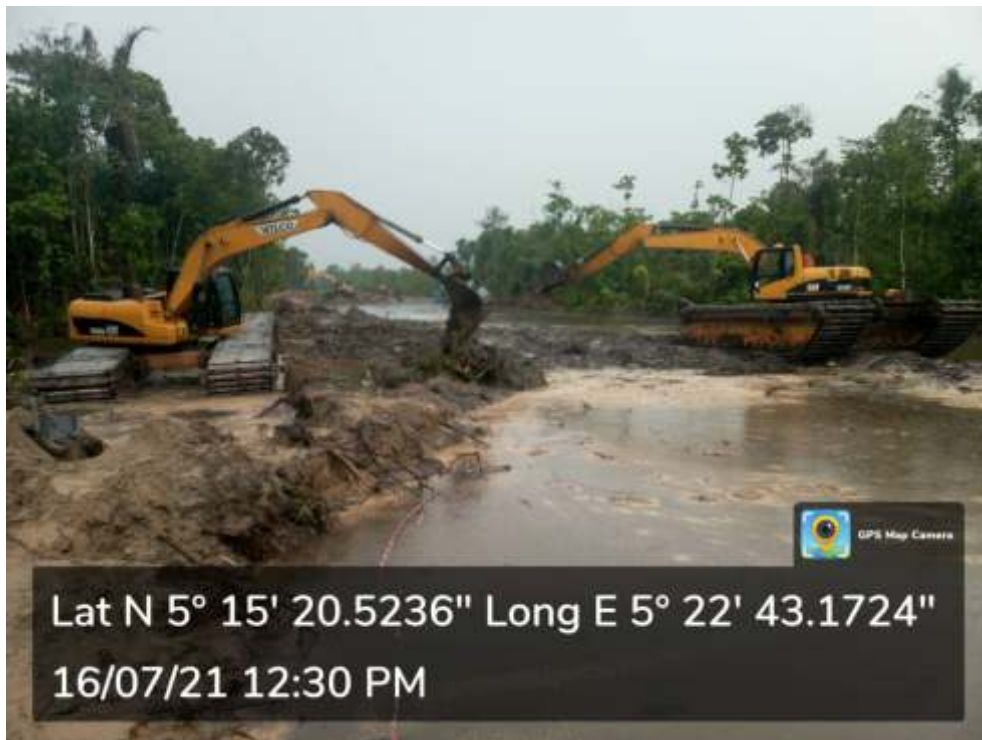
Lat N 4° 48' 4.6908"
Long E 7° 2' 5.3952"
14/06/21 10:21 AM



LAKE ATHABASCA CANADA
Latitude 5.271917° Longitude 5.387483°
14:58:51 GMT 13:58:51 MONDAY 06.14.2021 ALTITUDE -62 METER



Lat N 4° 48' 4.6908"
Long E 7° 2' 5.3952"
14/06/21 11:18 AM





OUR CLIENTS





FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/20/3796395/N199634

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of Plot 8 Liberty Drive Off Alcon Road, Woji

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
ENVIRONMENTAL RESTORATION SERVICES

- OIL SPILL CONTROL/CLEAN-UP

This Permit expires on the Friday, June 25, 2021

Fee Paid: N 250,000.00

Dated 25th day of June 20 20




Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/19/2957039/N148007

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of **Plot 8 Liberty Drive Off Alcon Road, Woji**

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:

OFFSHORE PIPELINE LAYING

- LAYING OF OIL AND GAS PIPELINE
- PIPELINE FABRICATION/CONSTRUCTION

This Permit expires on the **Friday, May 15, 2020**

Fee Paid: ₦ **250,000.00**

Dated **15th** day of **May** **20** **19**

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/19/4189795/N163685

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of Plot 8 Liberty Drive Off Alcon Road, Woji

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:

ONSHORE PIPELINE LAYING

- PIPELINE MAINTENANCE
- PIPELINE PIGGING AND INSPECTION

This Permit expires on the Saturday, May 23, 2020

Fee Paid: ₦ 250,000.00

Dated 23rd day of May 20 19

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/19/4189795/N163685

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of **Plot 8 Liberty Drive Off Alcon Road, Woji**

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
ONSHORE PIPELINE LAYING

- PIPELINE MAINTENANCE
- PIPELINE PIGGING AND INSPECTION

This Permit expires on the **Saturday, May 23, 2020**

Fee Paid: ₦ **250,000.00**

Dated **23rd** day of **May** **20** **19**

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/19/6479035/N144626

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of Plot 8 Liberty Drive Off Alcon Road, Woji

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
MAJOR CONSTRUCTION SERVICES

- STRUCTURAL ENGINEERING
- CIVIL ENGINEERING CONSTRUCTION

This Permit expires on the Thursday, May 7, 2020

Fee Paid: ₦ 250,000.00

Dated 7th day of May 20 19

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/17/4783974/N82551

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of **Plot 8 Liberty Drive Off Alcon Road, Woji**

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
HEAVY DUTY EQUIPMENT SUPPLY, INSTALLATION & MAINTENANCE

- RISERS
- OCTG/PIPES

This Permit expires on the **Friday, July 13, 2018**

Fee Paid: ₦ **250,000.00**

Dated **13th** day of **July** **20 17**

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

MAJOR CATEGORY

PERMIT NO: DPR/OGISP/17/4688102/N81885

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of Plot 8 Liberty Drive Off Alcon Road, Woji

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
INSTALLATION AND MAINTENANCE SERVICES

- MECHANICAL INSTALLATION/MAINTENANCE & MATERIALS
- ELECTRICAL INSTALLATION/MAINTENANCE & MATERIALS

This Permit expires on the Wednesday, June 20, 2018

Fee Paid: N 25,000.00

Dated 20th day of June 20 17

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

MAJOR CATEGORY

PERMIT NO: DPR/OGISP/17/6345103/N81883

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of Plot 8 Liberty Drive Off Alcon Road, Woji

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
INSTALLATION AND MAINTENANCE SERVICES

- FIRE & GAS SYSTEMS

This Permit expires on the Saturday, June 16, 2018

Fee Paid: ₦ 25,000.00

Dated 16th day of June 20 17

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

MAJOR CATEGORY

PERMIT NO: **DPR/OGISP/17/2511779/N82547**

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of **Plot 8 Liberty Drive Off Alcon Road, Woji**

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
INTEGRITY TEST SERVICES

- PRESSURE TESTING/LEAK DETECTION OF VESSELS/PIPELINE

This Permit expires on the **Wednesday, June 20, 2018**

Fee Paid: ₦ **25,000.00**

Dated **20th** day of **June** **20** **17**

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/17/5600908/N81873

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of Plot 8 Liberty Drive Off Alcon Road, Woji

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
MAJOR CONSTRUCTION SERVICES

- INSTALLATION AND UPGRADE OF ONSHORE & OFFSHORE PRODUCTION FACILITIES & PLATFORMS
- PROCESS FACILITIES

This Permit expires on the Saturday, July 7, 2018

Fee Paid: ₦ 250,000.00

Dated 7th day of July 20 17

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/17/9208065/N82552

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of Plot 8 Liberty Drive Off Alcon Road, Woji

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
OFFSHORE PIPELINE LAYING

- LAYING OF OIL AND GAS PIPELINE
- PIPELINE FABRICATION/CONSTRUCTION

This Permit expires on the Thursday, July 12, 2018

Fee Paid: ₦ 250,000.00

Dated 12th day of July 20 17

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

MAJOR CATEGORY

PERMIT NO: DPR/OGISP/17/9634289/N81879

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of Plot 8 Liberty Drive Off Alcon Road, Woji

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
ONSHORE PIPELINE/STORAGE FACILITY MAINTENANCE

- PIPELINE PIGGING & INSPECTION
- PIPELINE MAINTENANCE

This Permit expires on the Wednesday, July 11, 2018

Fee Paid: N 25,000.00

Dated 11th day of July 20 17

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

MAJOR CATEGORY

PERMIT NO: DPR/OGISP/17/9862180/N82545

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of Plot 8 Liberty Drive Off Alcon Road, Woji

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
REHABILITATION/UPGRADE/FABRICATION WORKS

- MINOR MECHANICAL WORKS
- MINOR METAL FABRICATION

This Permit expires on the Wednesday, June 20, 2018

Fee Paid: ₦ 25,000.00

Dated 20th day of June 20 17

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/17/5346759/N81878

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of **Plot 8 Liberty Drive Off Alcon Road, Woji**

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
TECHNICAL CONSULTANCY

- INSTRUMENTATION & CONTROL

This Permit expires on the **Wednesday, June 13, 2018**

Fee Paid: ₦ **250,000.00**

Dated **13th** day of **June** 20 **17**

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/17/6888427/N82548

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of **Plot 8 Liberty Drive Off Alcon Road, Woji**

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
TECHNICAL CONSULTANCY

- OFFSHORE ENVIRONMENTAL SERVICES (EIA, SEA BED SURVEYS ETC)

This Permit expires on the **Saturday, July 7, 2018**

Fee Paid: ₦ **250,000.00**

Dated **7th** day of **July** 20 **17**

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise.



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/19/6479035/N144626

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of Plot 8 Liberty Drive Off Alcon Road, Woji

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:

MAJOR CONSTRUCTION SERVICES

- STRUCTURAL ENGINEERING
- CIVIL ENGINEERING CONSTRUCTION

This Permit expires on the Thursday, May 7, 2020

Fee Paid: ₦ 250,000.00

Dated 7th day of May 20 19

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/17/9071608/N82550

This Permit is hereby granted to

HOUSTON ENGINEERING AND MARINES SERVICES

LIMITED

of Plot 8 Liberty Drive Off Alcon Road, Woji

Portharcourt, Rivers, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
UNDERWATER INSPECTION & SERVICES

- DIVING SERVICES
- ROV OPERATION AND ASSOCIATED SERVICES (UNDERWATER WELDING)

This Permit expires on the Thursday, July 12, 2018

Fee Paid: ₦ 250,000.00

Dated 12th day of July 20 17

Director of Petroleum Resources

This permit does not cover "Supply of Expatriate Manpower" in any guise

CONTACT US



Houston Engineering and Marines Services Ltd
Plot 162 Chief Wonwu Avenue, Trans-Amadi
Industrial Layout, Trans-Amadi,
Port Harcourt, Nigeria.



www.houstonengineeringng.com



[info @ houstonengineeringng.com](mailto:info@houstonengineeringng.com)