



**Foremost Indigenous Trenchless Engineering
& Construction Company in Nigeria**



Project Profile

**ENGINEERING | CONSTRUCTION | PIPELINES | HORIZONTAL DIRECTIONAL DRILLING (HDD) |
THRUST BORING | PRODUCTION FACILITIES | SECURITY MONITORING | DREDGING | PROCUREMENT**

ABOUT US

Established in 1995, ENIKKOM GROUP is a wholly indigenous Company with a special investment portfolio across various sectors of the economy such as Engineering and Construction, Dredging and Piling, Energy and Oil & Gas, and Transportation and Haulage.

To streamline our services and cater to the growth and expansion of our oil and gas portfolio, we incorporated **ENIKKOM CONSTRUCTION LIMITED** in March 2009. This subsidiary focuses on

- * Pipeline Construction (Land, Swamp and Offshore)
- * Horizontal Directional Drilling - HDD
- * Horizontal Directional Drilling - Thrust Boring
- * Steel and Metal Fabrication (Storage Tanks, Process works)
- * Dredging Works
- * Civil Construction (Piling, Jetty, Bridges etc)

ENIKKOM has gained reputation as the leader and pioneer in Horizontal Directional Drilling (HDD) Contracting in Nigeria. Our Company has successfully completed record-breaking HDD crossings in Nigeria, including the longest single crossing in Africa, measuring 3.1km.

We are proud to own 9 HDD Rigs, 6 Thrust-Boring Machines, and 1 Pipe Pusher Making us the largest Trenchless Construction Company in Africa



OUR CORE VALUES

ECL furnish her Vision by engaging outstanding people who take ownership, are proactive and maintain excellent standards using state of the art technology

1

Our Vision

To be the most capable and foremost indigenous Engineering Construction company in Nigeria

2

Our Mission

To offer innovative & cost effective solutions, conceptual ideas & solutions to our clients on a long term relationship to ensure economic success

3

Quality Assurance

ECL is committed to rendering quality services that meet local and international standards. We operate a Total Quality Management approach that is second to none in the industry.

4

HSE

Safety is ECL number one priority. Our equipment fleet is maintained to high standards and codes such as the international safety management code.

5

Dedicated Team

In responsibility to our shareholders, customers, employees, suppliers and sub-contractors, it is prime objective to ensure economic success on a long-term basis.



Scope of Services

We specifically handle pipeline construction (Land & Swamp, Offshore, Horizontal Directional Drilling - HDD, Horizontal Drilling - Thrust Boring), Steel and Metal Fabrication (Storage Tanks, Process Works), Dredging works, Civil Construction (Piling, Jetty, Bridges), and Project Financing of Turnkey Projects.

Trenchless Crossings

- * Horizontal Directional Drilling Services (HDD)
- * Guided Boring (Thrust Boring)
- * Micro Tunneling - Slurry Spoil Removal System
- * Horizontal Boring (Hole Hog)
- * Pipe Ramming (Casing Installation)
- * HDD Rescue x Pneumatic Pipe Bursting. -
- Static/Hydraulic Pipe Bursting



Dredging & Piling

- * Slot/Access Sweeping and Maintenance
- * Land Reclamation
- * Capital Dredging
- * Removal of Obstruction from Sea Beds /Waterways and Canals
- * Pile Driving / Pile Extraction
- * Drilled Shaft / Bored Pile
- * Foundation Piling
- * Shore Protection Piling

Flowlines/Pipelines Construction & Maintenance

- * Land/Swamp/Offshore Flowlines/Pipelines Construction & Maintenance
- * Flowlines & Pipelines Repairs and Maintenance



Production Facilities Construction and Operations

- * Flowstation and wellhead operations
- * Wellhead upgrade
- * Manifold inspection and maintenance
- * Plant Turn-Around maintenance
- * Structural construction
- * Greasing of wellhead and process valves
- * Pipeline pigging operations

Pipeline Security and Monitoring

Covert system for detecting events on pipelines
Provides instant warning of an event
Locates events to within 500m
Wireless nodes are deployed along the pipeline
Cover many kilometers
Battery life > 5years
Sends alert via Iridium Global Satellite Network
Monitoring center monitors alerts from nodes and reports events real time



ENIKKOM is proud to be associated with the following EPC companies both locally and internationally



OCEAN MARINE SOLUTIONS



INROCK DRILLING SYSTEMS LIMITED



AMERICAN AUGERS INC., USA.



HDD THAILAND



BRIGHTWATER ENERGY LIMITED

OUR CLIENTELE

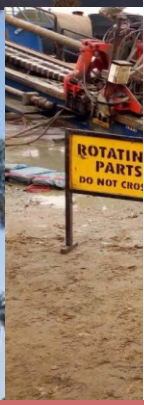
Our commitment to delivering exceptional service, innovative strategies, and measurable results has earned us a reputation as a trusted partner and valued advisor to our clients.

We cater to a diverse range of clients, including several blue sector companies and more:

- * Nigeria National Petroleum Corporation (NNPC)
- * Pipelines and Products Marketing Company (PPMC)
- * Niger Delta Power Holding Company (NDPHC)
- * Nigeria Gas Company (NGC)
- * Shell Petroleum Development Company of Nigeria Limited (SPDC)
- * Nigerian Agip Oil Company Limited (NAOC)
- * NIPCO PLC
- * Oando PLC
- * Niger Delta Petroleum Resources Limited (NDPR)
- * Saipem Construction Nigeria Limited
- * Daewoo Nigeria Limited
- * Zakhem Construction Nigeria Limited
- * MORPOL Engineering Services LTD



ENGINEERING | CONSTRUCTION | PIPELINES | HORIZONTAL DIRECTIONAL DRILLING (HDD) | THRUST BORING | PRODUCTION FACILITIES | SECURITY MONITORING | DREDGING | PROCUREMENT



RELEVANT MAJOR WORKS



REPLACEMENT OF 10-inch x 12km UTOROGU TO UPS PIPELINE USING HORIZONTAL DIRECTIONAL DRILLING (HDD) IN OML-34

PROJECT SCOPE

- * Engineering, Procurement, Construction, Installation and commissioning of 10-inch x 12km Product Transmission Pipeline from Utorogu to UPS by Continuous Horizontal Directional Drilling Technique (CHDD).
- * Deployment of 3nos Maxi Rig Spread
- * Line Pipe Procurement
- * Welding Works and Pre & Post Testing
- * Tie - In's at 10m Depth
- * Cathodic Protection (CP) Installation
- * Intelligent Pigging & Commissioning

CLIENT

Nigeria Petroleum Development Company (NPDC) / ND Western

CONTRACTOR

Pipeline Infrastructure - Enikkom joint venture (PIEJV)

PROJECT STATUS

- * CHDD Pipelines Completed December 2022
- * Commissioning Completed March 2023



PROJECT GALLERY



ENGINEERING | CONSTRUCTION | PIPELINES | HORIZONTAL DIRECTIONAL DRILLING (HDD) | THRUST BORING | PRODUCTION FACILITIES | SECURITY MONITORING | DREDGING | PROCUREMENT

REPLACEMENT OF 18-inch x 1.5km GAS PIPELINE IN GBARAN 800m BY HORIZONTAL DIRECTIONAL DRILLING (HDD)

PROJECT SCOPE

- * Engineering, Construction and Installation of 18-inch x 800m Pipeline by HDD
- * Deployment of Inos Maxi Rig Spread
- * Welding Works and Pre & Post Testing
- * Tie - In's and hook up to existing Pipeline
- * Intelligent Pigging & Commissioning

CLIENT

Niger Delta Power Holding Company (NDPHC) /
Compact Manifold Services (CMES)

CONTRACTOR

Enikkom Construction Limited (ECL)

PROJECT STATUS

- * HDD Pipelines Completed January 2023



PROJECT GALLERY



ENGINEERING | CONSTRUCTION | PIPELINES | HORIZONTAL DIRECTIONAL DRILLING (HDD) | THRUST BORING | PRODUCTION FACILITIES | SECURITY MONITORING | DREDGING | PROCUREMENT

INSTALLATION OF 12-inch x 900m STEEL PIPELINE AND 6-inch x 900m STEEL CASING FOR FOC ACROSS ORASHI RIVER AND 12-inch x 400m STEEL PIPELINE AND 6-inch x 400m STEEL CASING PIPELINE FOR FOC ACROSS MBAIMA-YENAGOA ROAD AND EPIE CREEK.

PROJECT SCOPE * Engineering, Construction and Installation of 12-inch & 6-inch x 900m Pipeline and 12-inch & 6-inch x 400m Pipeline by HDD
* Deployment of Inos Maxi Rig Spread
* Welding Works and Pre & Post Testing

CLIENT MORPOL Engineering Services Limited / Shell Petroleum Development Company (SPDC)

SUB-CONTRATOR Enikkom Construction Limited (ECL)

PROJECT STATUS * HDD Pipelines Completed August 2022



PROJECT GALLERY



ENGINEERING | CONSTRUCTION | PIPELINES | HORIZONTAL DIRECTIONAL DRILLING (HDD) | THRUST BORING | PRODUCTION FACILITIES | SECURITY MONITORING | DREDGING | PROCUREMENT

LEKKI GAS PIPELINE PROJECT

PROJECT SCOPE

- * Engineering, Procurement, Construction and Installation of 36-inch (Schedule 22.225) x 1.5km Gas Pipeline Across Swamp and River Using Horizontal Directional Drilling (HDD) Method at Ejirin, Epe, Lagos State.
- * Dredging of creeks, canals and access channels to provide access for Drilling Rigs and associated marine equipment
- * Deployment of 2nos Maxi Rig Spread
- * Welding Works and Pre & Post Testing

CLIENT

Dangote Fertilizer Limited (DFL) /
Zakhem Construction Limited (ZCL)

CONTRACTOR

Enikkom Construction Limited (ECL)

PROJECT STATUS

- * Completed June 2019



PROJECT GALLERY



ENGINEERING | CONSTRUCTION | PIPELINES | HORIZONTAL DIRECTIONAL DRILLING (HDD) | THRUST BORING | PRODUCTION FACILITIES | SECURITY MONITORING | DREDGING | PROCUREMENT

ESCRAVOUS - LAGOS GAS PIPELINE PROJECT PHASE 2

PROJECT SCOPE

- * Construction, Laying and Commissioning of 36-inch x 1.3km Gas Transmission Pipeline by Horizontal Directional Drilling (HDD) across Ekiadolor Rock Valley in Benin City.
- * Welding and Pre & Post Testing
- * Deployment of 2nos Maxi Rig Spread

CLIENT

Nigerian National Petroleum Corporation (NNPC) /
Zakhem Construction Limited (ZCL)

CONTRACTOR

Enikkom Construction Limited (ECL)

PROJECT STATUS

- * Completed March 2018



PROJECT GALLERY



ENGINEERING | CONSTRUCTION | PIPELINES | HORIZONTAL DIRECTIONAL DRILLING (HDD) | THRUST BORING | PRODUCTION FACILITIES | SECURITY MONITORING | DREDGING | PROCUREMENT

EMERGENCY RECONSTRUCTION OF THE VANDALISED SECTION OF THE MOSIMI TO ATLAS COVE (AREPO TO IMAGBON) 16-inch X 3km PIPELINE BY HORIZONTAL DIRECTIONAL DRILLING (HDD)

PROJECT SCOPE

- * Emergency Reconstruction of Atlas Cove - Mosimi 16-inch x 3km Pipeline section at Arepo Swamp Using Horizontal Directional Drilling (HDD) as a Security Solution
- * Procurement, Feasibility Study and Design
- * Welding and Pre & Post Testing
- * Deployment of 2nos Maxi Rig Spread (300tons and 500tons)
- * Drilling of the 3km long x 16" by intersect method
- * Tie-In and Commissioning
- * Cathodic Protection (CP) Installation

CLIENT

Nigerian National Petroleum Corporation (NNPC) / Pipeline and Products Marketing Company (PPMC)

CONTRACTOR

Enikkom Construction Limited (ECL)

PROJECT STATUS

- * Completed April 2017



PROJECT GALLERY



ENGINEERING | CONSTRUCTION | PIPELINES | HORIZONTAL DIRECTIONAL DRILLING (HDD) | THRUST BORING | PRODUCTION FACILITIES | SECURITY MONITORING | DREDGING | PROCUREMENT

ANGO TO AUNTIE JULIE PIPELINE WORKS FOR THE PROVISION OF HYDROCARBON EVACUATION PIPELINE FROM THE ANGO RESERVOIR IN OML-59 TO AUNTIE JULIE PRODUCTION FACILITY

PROJECT SCOPE

- * Dredging of creeks, canals and access channels to provide access for Drilling Rigs and associated marine equipment
- * Dredging of well slots in accordance with the Field Development Program
- * Fabrication of wellhead platforms and well-head piping
- * Fabrication of 12" ligament inlet manifold
- * Fabrication of 12" diameter pipeline launcher skid
- * Fabrication of 12" diameter pipeline receiver skid
- * Installation of well-head platforms
- * Installation of well-head piping, control system and ESD system
- * Installation of entire Gathering system comprising twelve (12) flowlines traversing well-head slots, rivers, creeks (major & Minor) and swamp terrain
- * Pre-Commissioning and Commissioning of gathering system
- * Installation of 12" bulk pipeline system 4km through swamp terrain via HDD installation
- * Installation of 12" bulk pipeline shore approach - 2.5km in length
- * Pre commissioning and commissioning of 12" pipeline system 35km in length Construction, Laying and Commissioning of 36-inch

CLIENT

Belbop Nigeria Limited /
MSI Africa Development Limited

CONTRACTOR

Enikkom Construction Limited (ECL)

PROJECT STATUS

- * Completed November 2016



PROJECT GALLERY



ENGINEERING | CONSTRUCTION | PIPELINES | HORIZONTAL DIRECTIONAL DRILLING (HDD) | THRUST BORING | PRODUCTION FACILITIES | SECURITY MONITORING | DREDGING | PROCUREMENT

ONSHORE PIPELINE FOR GAS TRANSMISSION ON THE LOT 3 NIPP PROJECT

PROJECT SCOPE

- * Construction, Laying and Commissioning of 24-inch x 21.5km Gas Transmission Pipeline at Adanga to Calabar, Cross River State.
- * Deployment of HDD Rig Spread
- * Welding Works and Pre & Post Testing

CLIENT

Compact Manifold and Energy Services Limited.

CONTRACTOR

Enikkom Construction Limited (ECL)

PROJECT STATUS

- * Completed July 2015



SPDC OTUMARA-ESCRAVOS PIPELINE PROJECT - INSTALLATION OF (12"+3") X 2.78KM BUNDLED CROSSING

- PROJECT SCOPE**
- * Mobilizing of 2nos. HDD Rigs (300Tons & 500Tons)
 - * Installation of 12" + 3" x 2.78km Long Bundled Crossing Using the Intersect Method whereby the Crossing was Drilled from both Ends Using Two (2) Rigs and Intersecting at the Middle for the Pilot Hole.
- CLIENT** Saipem Contracting Nigeria Limited
- CONTRACTOR** Enikkom Construction Limited (ECL)
- PROJECT STATUS** * Completed July 2015

NOTE - THIS IS THE LONGEST BUNDLED CROSSING IN AFRICA AT THE TIME OF COMPLETION



ENGINEERING, PROCUREMENT, CONSTRUCTION AND COMMISSIONING OF OFFSHORE PRODUCTS PIPELINES FROM ALAKPATA TO MARINA FLOATING JETTY OF THE APAPA OANDO JETTY PROJECT - PHASE 1

- PROJECT SCOPE**
- * Engineering, Procurement, Construction and Installation of 16", 6" and 4" x 700m Products Pipelines using Horizontal Directional Drilling (HDD).
 - * Deployment of Offshore HDD Rig Spread
 - * HDD Drilling by Shore approach
 - * Welding Works and Pre & Post Testing
- CLIENT** Apapa SPM Limited (DFL) / OANDO PLS
- CONTRACTOR** Enikkom Construction Limited (ECL)
- PROJECT STATUS** * Completed June 2011



PROJECT GALLERY



ENGINEERING | CONSTRUCTION | PIPELINES | HORIZONTAL DIRECTIONAL DRILLING (HDD) | THRUST BORING | PRODUCTION FACILITIES | SECURITY MONITORING | DREDGING | PROCUREMENT

CONSTRUCTION, INSTALLTION, TESTING & COMMISONING OF CARBON STEEL PIPELINE (8km x 18inch and Approx 2km x 12Inch)

- PROJECT SCOPE**
- * Construction, Laying and Commissioning of 18-inch x 8km and 12-inch x Approx 2km
 - * Deployment of HDD Rig Spread for Rock Section
 - * Deployment of Welding crews
 - * Pre & Post Testing
- CONTRACTOR** NIPCO.
- CONTRACTOR** Enikkom Construction Limited (ECL)
- PROJECT STATUS** * Completed April 2023



PROJECT GALLERY



HORIZONTAL DIRECTIONAL DRILLING (HDD) WORK EXPERIENCE							
S/N	Client	Project	Contractor	Period of Participation	Pipeline Size	Installation Distance	Status
1	NPDC / ND WESTER	Engineering, Procurement, Construction, Installation and Commissioning of 10" x 12km Product Transmission Pipeline from Utorogun – UPS by Continuous Horizontal Directional Drilling Technique (CHDD) including Line Pipes Procurement, Welding Works and tie-ins at 5m-10m Depth in OML34	Pipeline Infrastructure - ENIKKOM Joint Venture (PIEJV)	2022 / 2023	10-Inch	12km	Completed
2	Niger Delta Power Holding Company (NDPHC)	Replacement of 18" x 1.5km Gbaran Pipeline - (800m HDD Replacement)	ENIKKOM Construction Limited	2022	18-inch	1.5km	Completed
3	MORPOL / SPDC	INSTALLATION of 900m X 12" Steel Pipeline And 900m X 6" Steel casing for FOC Across Orashi River - HDD AND 400m X 12" Steel Pipeline And 400m X 6" Steel Casing Pipe for FOC Across Mbiama - Yenagoa Road and Epie Creek.	ENIKKOM Construction Limited	2019	12-Inch & 6-inch	900m & 400m	Completed
4	MORPOL / SPDC	INSTALLATION of 900m X 12" Steel Pipeline And 900m X 6" Steel casing for FOC Across Orashi River - HDD AND 400m X 12" Steel Pipeline And 400m X 6" Steel Casing Pipe for FOC Across Mbiama - Yenagoa Road and Epie Creek.	ENIKKOM Construction Limited	2019	12-Inch	900m	Completed
5	ZAKHEM CONSTRUCTION NERIA LIMITED / DANGOTE FERTILIZERS LIMITED	LEKKI GAS PIPELINE PROJECT (LGPP): Engineering, Procurement, Construction and Installation of 36inch (schedule 22.225) x 1.4km Gas Pipeline Across Swamp and River Using Horizontal Directional Drilling (HDD) Method at Ejinrin, Epe, Lagos State. EPC CONTRACTOR	ENIKKOM Construction Limited	2018	36-Inch	1.4Km	Completed
6	GRAMEN PETROSERVE LIMITED / CHEVRON NIGERIA LIMITED	Escravos Export System Project; Design and Installation of 30" X 540m Pipeline Section At Escravos Creek Using Horizontal Directional Drilling (HDD) Method. EPC CONTRACTOR.	ENIKKOM Construction Limited	2017	30-Inch	540m	Completed
7	GREEN GAS LIMITED / NIPCO PLC	CONSTRUCTION, INSTALLATION AND TESTING OF 12" x 11.6km PIPELINE (Phase - 1) including 5.6km of installation using HDD (12" x 1.7km; 12" x 900m; 12" x 1.25km; 12" x 700m; 12" x 580m; 12" x 470m) ALONG IBADAN EXPRESS WAY	ENIKKOM Construction Limited	2013	12-Inch	11.6Km	Completed
8	ZAKHEM CONSTRUCTION NERIA LIMITED	Expansion Of Escravos-Lagos Gas Pipeline Project – Phase II For The Construction, Installation And Testing Of 36inch X 15km Pipeline By Horizontal Directional Drilling (HDD) with 5.33km of Continuous HDD Section - 2.78km; 550m and 2km sections.	ENIKKOM Construction Limited	2013	36-Inch	15Km	Completed
9	MSI AFRICA DEVELOPMENT LIMITED	Installation of 12inch x 4km Pipeline Crossing from Ango Field to Offshore Section going to Auntie Julie Platform (12" x 1.8km Swamp Section by HDD and 12" x 2.2 km shore approach by HDD). The line is for the provision of Hydrocarbon Evacuation Pipeline from the Ango Reservoir in OML-59 to Auntie Julie Production Facility BELBOP NIGERIA LIMITED.	ENIKKOM Construction Limited	2013	12-Inch	1.8Km	Completed
10	KAZTEC ENGINEERING LIMITED / PIPELINES AND PRODUCTS MARKETING COMPANY LIMITED (PPMC)	Emergency Reconstruction Of Atlas Cove – Mosimi 16" X 1800m Pipeline Section At Ijeododo Swamp Using Horizontal Directional Drilling (HDD) Method. EPC CONTRACTOR.	ENIKKOM Construction Limited	2013	16-Inch	1800m	Completed
11	PIPELINES AND PRODUCTS MARKETING COMPANY LIMITED (PPMC)	Emergency Reconstruction Of Atlas Cove – Mosimi 16" X 3000m Pipeline Section At Arepo Swamp Using Horizontal Directional Drilling (HDD) Method. EPC CONTRACTOR.	ENIKKOM Construction Limited	2013	16-Inch	3000m	Completed
12	SAIPEM CONTRACTING NIGERIA LIMITED	HDD for Escravos River Crossing: Otumara Project: Construction Of 12" X 2.737km Pipeline To Cross The Escravos River Using The Horizontal Directional Drilling (HDD) Method for SAIPEM CONTRACTING NIGERIA LIMITED. Main Client is SPDC. EPC CONTRACTOR.	ENIKKOM Construction Limited	2012	12-Inch	2.737Km	Completed
13	ZAKHEM CONSTRUCTION NERIA LIMITED	Expansion of Escravos-Lagos Gas Pipeline Project-Phase I. Construction, Installation and Testing of 30inch x 395m Gas Pipeline across the Benin-Warri Expressway Using the Horizontal Directional Drilling (HDD) Technology for ZAKHEM. Main Client is NIGERIAN GAS COMPANY LIMITED (NGC). EPC CONTRACTOR.	ENIKKOM Construction Limited	2011	30-Inch	395m	Completed

HORIZONTAL DIRECTIONAL DRILLING (HDD) WORK EXPERIENCE

S/N	Client	Project	Contractor	Period of Participatio	Pipeline Size	Installtion Distance	Status
14	APAPA SPM LIMITED / OANDO PLC	Engineering, Procurement, Construction and Commissioning of (16", 6" and 4" x 700m single Boundle Pull) Products Pipelines from Alakpata Facility to Marina Floating Jetty of the Phase I Apapa Oando Jetty Project : Offshore Pipeline Construction From New Jetty To Alapata Facilities Using The Horizontal Directional Drilling (Hdd) Method. EPCC CONTRACTOR.	ENIKKOM Construction Limited	2011	16-Inch, 6-Inch, 4-Inch	700m	Completed
15	COMPACT MANIFOLD AND ENERGY SERVICES LIMITED (CMES)	Construction / Laying and Commissioning of 5 River Crossings on the 54km by 24inch Gas Transmission Pipeline from Adanga to Calabar in Cross River State (Onshore Part of the Lot3) by Horizontal Directional Drilling viz; Calabar River - 680m, Uruan River - 739m, Akwua River - 897m, Qua River - 759m and Oron River - 1862m. EPCC CONTRACTOR.	ENIKKOM Construction Limited	2011	24-Inch	4.9km	Completed
16	OILSERV LIMITED	Construction and Installation of 12" x 300m Gas Pipeline by Horizontal Directional Drilling across the Liverpool River for the Entire Pipeline Crossing of liverpool River for the OANDO Pipeline Works. EPC CONTRACTOR.	ENIKKOM Construction Limited	2011	12-Inch	300m	Completed
17	NIGER DELTA PETROLEUM RESOURCES	Construction and Installation of 12" x 300m Gas Pipeline by Horizontal Directional Drilling across the Sambreiro River at Rumuji for the Ogbele-Rumuji Pipeline Project. EPC CONTRACTOR.	ENIKKOM Construction Limited	2010	12-Inch	300m	Completed
18	OILSERV LIMITED	Complete Installation of 7 No River Crossings using the Horizontal Directional Drilling Method HDD on the 18inch by 130km Calabar Pipeline Project.(12" x 1.302km; 12" x 485m; 12" x 472m; 12" x 875m; 12" x 363m; 12" x 704m; 12" x 760m)	ENIKKOM Construction Limited	2009	18-inch	4.2km	Completed
19	OILSERV LIMITED	Construction and Installation of 12"x 195m Gas Pipeline across the Coconut River in Lagos for the 12inch Gas Pipeline Construction that Stretches Out From Honeywell Tin-Can to Amuwo Odofin (Gaslink Phase II Project) Lagos State. EPC CONTRACTOR.	ENIKKOM Construction Limited	2008	12-Inch	195m	Completed
20	OILSERV LIMITED	Installation of 18" x 250m Iju River Crossing at the Akute Power Project Using Horizontal Directional Drilling Technology	ENIKKOM Construction Limited	2009	18-inch	250m	Completed
21	NIPCO PLC	Installation of 50km x 4", 6" and 8" diameter Gas Distribution Pipeline System within Benin City with over 20km of Installation done by HDD	ENIKKOM Construction Limited	2008	4-Inch, 6-Inch, 8-Inch	20Km	Completed
22	INTRINSIC NIGERIA LIMITED	INSTALLATION OF A 24INCH X 1.4KM GAS PIPELINE ACROSS THE NIGER RIVER AT NDONI (EPC FOR PIPELINE 24", 18" AND 10" N-LNG PHASE 3 GAS SUPPLY PROJECT). Subcontract from Intrinsic Nigeria Limited with DAEWOO/NAOC as MAIN CLIENT.	ENIKKOM Construction Limited	2003	24-Inch, 18-Inch, 10-Inch	1.4Km	Completed



CONVENTIONAL (OPEN CUT) PIPELINE WORK EXPERIENCE

S/N	Client	Project	Contractor	Period of Participation	Status
1	NIPCO	Construction, Installation, Testing & Commissioning Of Carbon Steel Pipeline. 8km x 18inch and Approx. 2km x 12Inch Pipeline	ENIKKOM Construction Limited	2022 / 2023	Completed
2	LAGOS STATE MINISTRY OF WORKS & INFRASTRUCTURE (LSMW&I) / PPMC	Relocation of NNPC Atlas Cove - Mosimi 16" Pipeline Segment Located Along the Alignment of the Lagos-Badagry Carriageway Expansion Project; 16" x 1,800m Pipeline Construction by Open Cut and 16" x 220m Pipeline Construction by HDD.	ENIKKOM Construction Limited	2013	Completed
3	NIPCO PLC	Construction, Testing and Commissioning of 12", 8" & 4" Underground Steel Pipeline Laying Work & Above Ground Piping Work at Ibafo Area (Lagos-Ibadan Expressway), Ogun State. Reference No.: NIPCO/GGL/CNG/IBAFO/PL/09-13 (WO).	ENIKKOM Construction Limited	2013	Completed
4	KAZTEC ENGINEERING LIMITED	Onshore Engineering, Procurement and Construction Contract of 30" x 12.5km Product Pipeline for the Trans Niger Pipeline Loophole Project (TNPL) - Package 1, From Ogale To TP1 at Eleme in River State. Main Client is Shell Petroleum Development Company Nigeria Limited (SPDC) & Main Contract No. is NG01010061.	ENIKKOM Construction Limited	2013	Completed
5	NIGER DELTA POWER HOLDING COMPANY LIMITED (NDPHC)	Engineering, Procurement and Construction for 24" x 51km Gas Transmission Pipeline and Metering Station at Calabar in Cross River State (Onshore Part of the Lot 3). Main Client-Niger Delta Power Holding Company (NDPHC).	ENIKKOM Construction Limited	2012	Completed
6	NIGERIAN GAS COMPANY LIMITED (NGC)	Engineering, Procurement and Construction (EPC) of Gas Supply Infrastructure (6" x 0.034km; Pressure Reduction and Gas Metering Facilities) to Standard Metallurgical Company Limited (SMCL), JV Contract with Petrotrans-Enikkom JV Limited, Main Client-Nigerian Gas Company.	ENIKKOM Construction Limited	2012	Completed
7	ZAKHEM CONSTRUCTION NIERIA LIMITED	Expansion of Escravos-Lagos Gas Pipeline Project-Phase I. Construction, Installation and Testing of 30" Pipeline Segment by Thrust Boring Method under Road Between Warri to Oben for ZAKHEM. Main Client is NIGERIAN GAS COMPANY LIMITED (NGC)	ENIKKOM Construction Limited	2011	Completed
8	ZAKHEM CONSTRUCTION NIERIA LIMITED	Construction of 24" x 18km and 16" x 16.5km Gas Pipeline from Ito to Ibeshi. Subcontract from ZAKHEM. Contractor ENIKKOM/GEN OIL.	ENIKKOM Construction Limited	2010	Completed
9	NIPCO PLC	Laying, Testing and Commissioning of 8" & 4" (Dia) Steel Gas pipeline for NIPCO Benin City Gas Distribution Project (2nd Phase)	ENIKKOM Construction Limited	2010	Completed
10	ZAKHEM CONSTRUCTION NIERIA LIMITED	Emergency Sectional Rehabilitation/Replacement of the 16" diameter Atlas Cove – Mossimi Pipeline. Main Client of NNPC and Subcontract from ZAKHEM.	ENIKKOM Construction Limited	2010	Completed
11	OILSERV LIMITED	Construction of 18" x 1.5km Gas Pipeline at Gbaran Ubie NIPP Lot 2 Project.	ENIKKOM Construction Limited	2009	Completed
12	OILSERV LIMITED	Construction of 18" x 2.5km and 16" x 16.5km Gas pipeline that Transverses from NPDC Oredo Facility to POOC Gas Station, all Gas Pipelines Located in Edo State, including Road Crossings by Thrust Boring.	ENIKKOM Construction Limited	2009	Completed
13	NIGER DELTA PETROLEUM RESOURCES	Installation of 12" x 13.8km Ogbel-Rumuji Pipeline Project, including the Sambreiro River Crossing by Horizontal Directional Drilling	ENIKKOM Construction Limited	2009	Completed
14	OILSERV LIMITED	Drilling and Blasting Services at Mfamosing Rock Section (UNICEM Project)	ENIKKOM Construction Limited	2009	Completed
15	OILSERV LIMITED	Additional Works on the 18inch Calabar Gas Pipeline to include Bush Clearing, Excavation and Stringing	ENIKKOM Construction Limited	2009	Completed
16	OILSERV LIMITED	Complete Drilling and Blasting of Three (3) km pipeline ditch	ENIKKOM Construction Limited	2008	Completed
17	NIPCO PLC	Laying, Testing and Commissioning of 8" & 4" (Dia) Steel Gas pipeline for NIPCO Benin City Gas Distribution Project (1st Phase)	ENIKKOM Construction Limited	2008	Completed
18	OILSERV LIMITED	Construction of 12-Inch Gas Pipeline that Stretches Out From Honeywell Tin-Can to Amuwo Odofin (Gaslink Phase II Project) Lagos State, including 2Nos crossings by Horizontal Directional Drilling across the Coconut River.	ENIKKOM Construction Limited	2008	Completed
19	OILSERV LIMITED	Pipe Lay and Weld for the Construction of Transmission Pipeline from Ukanafun in Akwa Ibom State to Mfamosing in Cross river State for Land, River Crossings, Road Crossings, Seasonal Swamp / Rocky and Hilly Terrains.	ENIKKOM Construction Limited	2008	Completed
20	ZAKHEM CONSTRUCTION NIERIA LIMITED	36" Geregu Gas Supply Pipeline Project: Nigerian Gas Company Limited: Sub Contract for the Welding Works on a part of 36" gas pipeline (approximately 50km – 4300 joints) of 196km on Gas Supply to Geregu project.	ENIKKOM Construction Limited	2008	Completed
21	ZAKHEM CONSTRUCTION NIERIA LIMITED	Abeokuta Gas Pipeline: Sub Contract for the Transportation Of 3,100pcs of 24" diameter line pipes from Tin-Can Island to Abeokuta, Stringing of line pipes along the ROW, welding of line pipes and tie in of welded pipeline sections, Radiography and field works	ENIKKOM Construction Limited	2007	Completed
22	ZAKHEM CONSTRUCTION NIERIA LIMITED	Installation Gas Plant facilities and welding/fabrication of interconnecting pipework.	ENIKKOM Construction Limited	2007	Completed
23	ZAKHEM CONSTRUCTION NIERIA LIMITED	Sub contract for Civil and Foundation works for the Abeokuta Gas plant	ENIKKOM Construction Limited	2007	Completed
24	ZAKHEM CONSTRUCTION NIERIA LIMITED	Call off Contract, Geregu Gas Pipeline Project Phase II (NGC Limited). Sub-contract for Road, Rail and Thrust Bored Crossings (2No Rail Crossings and 11No Road Crossings – 36" diameter pipeline)	ENIKKOM Construction Limited	2007	Completed
25	ZAKHEM CONSTRUCTION NIERIA LIMITED	Rehabilitation/Replacement of corroded swamp sections of the 16" diameter Atlas Cove – Mossimi Pipeline by the push pull flotation method, flushing of the entire 70km pipeline and tie-in of the replaced sections to the main line (Akute – 3.5km; Arepo – 2k)	ENIKKOM Construction Limited	2007	Completed

CONVENTIONAL (OPEN CUT) PIPELINE WORK EXPERIENCE					
S/N	Client	Project	Contractor	Period of Participation	Status
26	TVONNE NIGERIA LIMITED	Installation of 4No. 18" Pipeline Road Crossing by Thrust Boring Method at Bonny Island, including construction of Cofferdam.	ENIKKOM Construction Limited	2006	Completed
27	WILLBROS WEST AFRICA, INC	Procurement and Installation/extraction of Sheet Piles for the Construction of Cofferdam for thrust boring works, including the Thrust Boring of the TSKJ and NLNG Roads on Bonny Island, Thrust Boring Of TSKG Roads	ENIKKOM Construction Limited	2005	Completed
28	ZAKHEM CONSTRUCTION NIERIA LIMITED	Ajaokuta Pipeline Project: Sub Contract for the Stringing of 18inch x 50km line pipes along the ROW, Excavation, Welding of line pipes, Laying and Backfilling of Welded Pipeline for the Dangote – Obajana Cement Factory.	ENIKKOM Construction Limited	2005	Completed

THRUST (AUGER) BORING PIPELINE WORK EXPERIENCE					
S/N	Client	Project	Contractor	Period of	Status
1	ZAKHEM CONSTRUCTION NIERIA LIMITED	Expansion of Escravos-Lagos Gas Pipeline Project-Phase II. Construction, Installation and Testing of 36" Pipeline Crossings from KP 294+000 to KP 333_300 by Thrust Boring Method under Road Between Lagos and Ogun States. Main Client is NIGERIAN NATIONAL PETROLEUM CORPORATION (NNPC)	Thrust Boring Contractor	2013	Completed
2	ZAKHEM CONSTRUCTION NIERIA LIMITED	Expansion of Escravos-Lagos Gas Pipeline Project-Phase I. Construction, Installation and Testing of 30" Pipeline Segment by Thrust Boring Method under Road Between Warri to Oben for ZAKHEM. Main Client is NIGERIAN GAS COMPANY LIMITED (NGC)	Thrust Boring Contractor	2011	Completed
3	ZAKHEM CONSTRUCTION NIERIA LIMITED	Thrust Boring Under Sewerage Line Crossings at Tema in Ghana for the WEST AFRICAN GAS PIPELINE Project	Thrust Boring Contractor	2009	Completed
4	ZAKHEM CONSTRUCTION NIERIA LIMITED	Call off Contract, Geregu Gas Pipeline Project Phase II (NGC Limited). Sub-contract for Road, Rail and Thrust Bored Crossings (2No Rail Crossings and 11No Road Crossings – 36" diameter pipeline)	Thrust Boring Contractor	2008	Completed
5	TVONNE NIGERIA LIMITED	Installation of 4No. 18" Pipeline Road Crossing by Thrust Boring Method at Bonny Island, including construction of Cofferdam.	Thrust Boring Contractor	2007	Completed
6	WILLBROS WEST AFRICA, INC	Procurement and Installation/extraction of Sheet Piles for the Construction of Cofferdam for thrust boring works, including the Thrust Boring of the TSKJ and NLNG Roads on Bonny Island, Thrust Boring Of TSKG Roads	Thrust Boring Contractor	2006	Completed
7	INTRINSIC OIL & GAS LIMITED	Thrust Boring of the TSKJ and NLNG Roads on Bonny Island (36" Crossing)	Thrust Boring Contractor	2006	Completed
8	WILLBROS WEST AFRICA, INC.	Procurement and Installation/extraction of Sheet Piles for the Construction of Cofferdam for thrust boring works, including the Thrust Boring of the TSKJ and NLNG Roads on Bonny Island, Thrust Boring Of TSKG Roads	Thrust Boring Contractor	2006	Completed
9	WILLBROS WEST AFRICA, INC.	Installation of Sheet Pile for the 48/32" Shell Pipe Crossing by Thrust Boring on Bonny Island (Additional 32m)	Thrust Boring Contractor	2006	Completed
10	WILLBROS WEST AFRICA, INC.	Supply of Sheet Pile for the 48/32" Shell Pipeline Crossing by Thrust Boring on Bonny Island.	Thrust Boring Contractor	2006	Completed
11	WILLBROS WEST AFRICA, INC.	Installation of Sheet Pile for the 48/32" Shell Pipeline Crossing by Thrust Boring on Bonny Island.	Thrust Boring Contractor	2006	Completed

DREDGING WORK EXPERIENCE					
S/N	Client	Project	Contractor	Period of Participation	Status
1	MSI AFRICA	Maintenance Dredging and Expansion in Obodo Field (OML-150) to Accommodate Drilling Rig Access to Oil Wells for CONOIL (Continental Oil & Gas) In Delta State	Dredging Contractor	2018	Completed
2	MSI AFRICA	Dredging/Expansion of Ekehkor Slot In Delta State	Dredging Contractor	2016	Completed
3	WEST AFRICAN OILFIELD SERVICES (WAOS)	Dredging of Swamp Locations in Ekokor for Slot Expansion to Accommodate Drilling Rig Access to Oil Wells – OPL 2007 (CON-FTS-SP-04) for CONOIL (Continental Oil & Gas).	Dredging Contractor	2014	Completed
4	KAZTEC ENGINEERING LIMITED	Dredging, Sandwinning and Sandfilling of Snake Island, Lagos State for the New Jetty Construction for Addax Petroleum Nigeria Limited.	Dredging Contractor	2012	Completed
5	AZIKEL NIGERIA LIMITED	Dredging, Sandwinning and Stockpiling of 200,000m3 of Sharp Sand for AZIKEL Nigeria Limited at Ogbigoro, Bayelsa State.	Dredging Contractor	2012	Completed
6	B+G&S NIGERIA LIMITED	Dredging, Sandwinning and Stockpiling of 50,000m3 of Sharp Sand for the DAEMOO/NAOC Life Camp on the Agip Gas Plant Extension Project at Ogbembiri, Bayelsa State. Subcontract from B+G&S Nigeria Limited.	Dredging Contractor	2012	Completed
7	JDP CONSTRUCTION NIGERIA LIMITED	Dredging, Sandwinning and Stockpiling of 500,000m3 of Sharp Sand to JDP Construction Nigeria Limited for the Rivers State Government Bridge Project from Woji to Trans Amadi Industrial Layout in Port Harcourt	Dredging Contractor	2011	Completed
8	WEST AFRICAN OILFIELD SERVICES (WAOS)	Dredging of Swamp Locations in OML's 59, 103 & OPL 2007. Contract BEL/WAOS/01/11.	Dredging Contractor	2011	Completed
9	SELTEX OIL & GAS SERVICES NIGERIA LIMITED	Dredging, Sandwinning and Supply of 1,000,000m3 of Sharp Sand to Seltex Oil & Gas Services Limited/Raffoul Nigeria Limited for the Rivers State Government Road Project in Woji, Port Harcourt	Dredging Contractor	2011	Completed
10	ZAKHEM CONSTRUCTION NIGERIA LIMITED	Dredging and Sandwinning for Construction of Seaport in Cotonou	Dredging Contractor	2010	Completed
11	AKPOS MARINE LIMITED	Construction of Loading/Landing Jetty at Abuloma, Port Harcourt.	Dredging Contractor	2010	Completed
12	SHELL PETROLEUM DEVELOPMENT COMPANY OF NIGERIA LIMITED	Dredging of Various SPDC locations within the SPDC Eastern and Western Locations	Dredging Contractor	2010	Completed

TECHNICAL CAPABILITIES EQUIPMENT



AMERICAN AUGER DD580 RIG (300ton Pullback Capacity) & MUD CLEANING SYSTEM - YEAR OF PURCHASE 2003



ASTECC 3292 RIG (15ton Pullback Capacity) & MUD CLEANING SYSTEM - YEAR OF PURCHASE 2008



AMERICAN AUGER DD440T RIG (200ton Pullback Capacity) & MUD PROCESSING & RECYCLING UNIT (MPR-6000) - YEAR OF PURCHASE 2008



AMERICAN AUGER DD1100 RIG (500ton Pullback Capacity) & MUD CLEANING & RECYCLING UNIT (MCR-10000) - YEAR OF PURCHASE 2012



AMERICAN AUGER DD1100 RIG (500ton Pullback Capacity) & MUD CLEANING & RECYCLING UNIT (MCR-10000) - YEAR OF PURCHASE 2012



AMERICAN AUGER DD625 RIG (300ton Pullback Capacity) & MUD CLEANING SYSTEM - YEAR OF PURCHASE 2012



AMERICAN AUGER DD220 RIG (100ton Pullback Capacity) & MUD CLEANING UNIT - YEAR OF PURCHASE 2012



AMERICAN AUGER DD1100 RIG (500ton Pullback Capacity) & MUD CLEANING UNIT - YEAR OF PURCHASE 2013



AMERICAN AUGER DD155 RIG (70ton Pullback Capacity) & MUD CLEANING UNIT - YEAR OF PURCHASE 2017

TECHNICAL CAPABILITIES EQUIPMENT



AMERICAN AUGER 24 - 100 HORIZONTAL EARTH BORING MACHINE - YEAR OF PURCHASE 2000



AMERICAN AUGER 36 - 340 HORIZONTAL EARTH BORING MACHINE - YEAR OF PURCHASE 2010



AMERICAN AUGER 36/42 - 600E HORIZONTAL EARTH BORING MACHINE - YEAR OF PURCHASE 2010



AMERICAN AUGER 42/48 - 600 HORIZONTAL EARTH BORING MACHINE - YEAR OF PURCHASE 2010



AMERICAN AUGER 48/54 - G900 HORIZONTAL EARTH BORING MACHINE - YEAR OF PURCHASE 2010



AMERICAN AUGER 72 - 1200NG HORIZONTAL EARTH BORING MACHINE - YEAR OF PURCHASE 2013



PIPE JACKING UNIT AND ACCESSORIES (800ton Push Force) YEAR OF PURCHASE 2022



TECHNICAL CAPABILITIES EQUIPMENT

S/N	DESCRIPTION	MAKE	CAPACITY	YR OF PURC.	QTY
HDD DRILLING RIGS					
1	DD 580 HDD RIG	American Augers	300 Tons Pullback	2000	1
2	ASTEC 3238 HDD RIG	American Augers	15 Tons Pullback	2008	1
3	DD 440T HDD RIG	American Augers	200 Tons Pullback	2008	1
4	DD 1100 HDD RIG	American Augers	500 Tons Pullback	2012	1
5	DD 1100 HDD RIG	American Augers	500 Tons Pullback	2012	1
6	DD 625 HDD RIG	American Augers	300 Tons Pullback	2012	1
7	DD 220T HDD RIG	American Augers	100 Tons Pullback	2012	1
8	DD1100 HDD RIG	American Augers	500 Tons Pullback	2013	1
9	DD 150 HDD RIG	American Augers	70 Tons Pullback	2013	1
THRUST BORING MACHINES & ACCESSORIES					
1	72-1200 NG Thrust Boring Machine	American Augers	1.2m Pound	2013	1
2	48/54-G900 Thrust Boring Machine	American Augers	900,000 Pound	2010	1
3	36 - 340 Thrust Boring Machine	American Augers	340,000 Pound	2008	1
4	24 - 100 Thrust Boring Machine	American Augers	100,000 Pound	2004	1
5	4" X 3M LONG AUGERS	American Augers	N/A	2004	1
6	6" X 3M LONG AUGERS	American Augers	N/A	2004	1
7	8" X 3M LONG AUGERS	American Augers	N/A	2004	1
8	12" X 3M LONG AUGERS	American Augers	N/A	2008	1
9	16" X 3M LONG AUGERS	American Augers	N/A	2008	1
10	20" X 3M LONG AUGERS	American Augers	N/A	2008	1
11	24" X 3M LONG AUGERS	American Augers	N/A	2008	1
12	30" X 3M LONG AUGERS	American Augers	N/A	2008	1
13	36" X 3M LONG AUGERS	American Augers	N/A	2008	1
14	48" X 3M LONG AUGERS	American Augers	N/A	2010	1
15	52" X 3M LONG AUGERS	American Augers	N/A	2010	1
16	54" X 3M LONG AUGERS	American Augers	N/A	2010	1
17	CUTTING HEADS (4" TO 54" DIA.)	American Augers	N/A	Various	1
18	HOLE HOG PIERCING TOOLS - 2" TO 18" DIA	Groundomat	N/A	Various	1
19	GRUNDOMAT STERABLE PNEUMATIC PIERCING TOOL - 2", 3", 4", 5", 6", 7", 8", 9" AND 10" TOOLS AND ACCESSORIES	Groundomat	N/A	Various	1
PIPE PUSHER					
1	380 Ton Pipe Pusher - Prime Driling	Prime Drilling	36"- 60" x 380Tons	2015	
2	800 Ton Pipe Jacking Unit & Accessories	MTS	36"- 60" x 800Tons	2022	
DRILLING PIPES					
1	5" Drill Pipes	Japan	2km	2010	
2	6-5/8" Drill Pipes - 25 Pounds/ft	American	4.8km	2013	
3	6-5/8" Drill Pipes - 27 Pounds/ft	Japan	6km	2013 / 2010	
REAMERS AND SUBS					
1	BR 6 5/8" FH (18", 24", 30", 36", 42",48" & 54")	INROCK	18" - 54"	2010	Various
2	BR 4-1/2" IF (18", 24" 30", 36", 42", 48", & 54")	INROCK	18" - 54"	2013	Various
3	BR 4-1/2" FH (18", 24", 30", 36", 42",48" & 54")	INROCK	18" - 54"	2009	Various
4	FC 4-1/2" FH (18", 24", 30", 36", 42",48" & 54")	INROCK	18" - 54"	2010 - 2013	Various

TECHNICAL CAPABILITIES EQUIPMENT

S/N	DESCRIPTION	MAKE	CAPACITY	YR OF PURC.	QTY
REAMERS AND SUBS					
5	XO SUBS	INROCK	4-1/2" & 6 5/8"	2010 - 2013	Various
6	SAVER SUBS	INROCK	4-1/2" & 6 5/8"	2010 - 2013	Various
7	WEEPER SUBS	INROCK	4-1/2" & 6 5/8"	2010 - 2013	Various
8	ORIENTATION SUBS	INROCK	4-1/2" & 6 5/8"	2010 - 2013	Various
9	BENT SUB	INROCK	1 DEG TO 2DEG	2010 - 2013	Various
PIPE ROLLERS					
1	20 Ton 12" to 48" Pipe Rollers	TRENCHLESS	10T	2013	Various
2	15 Ton 12" - 48" Pipe Rollers	TRENCHLESS	15T	2011	Various
3	10 Ton 12" - 48" Pipe Rollers	LJ WELDING	20T	2010	Various
ROLLER CRADDLES					
1	24" ROLLER CRADDLES	LJ WELDING	24"	2012	Owned
2	36" ROLLER CRADDLES	LJ WELDING	36"	2013	Owned
3	48" ROLLER CRADDLES	LJ WELDING	48"	2010	Owned
OTHER HDD & UNDERGROUND TOOLS					
1	THUMPER	TT TECHNOLOGIES	24"	2013	4
2	FRAC TANKS	MUD TECHNOLOGIES	500 BARREL	2012	5
3	20FT TOOL CONTAINERS	SNAP ON	NA	2012	Various
4	500T SWIVEL	BREWIS	NA	2013	Various
5	350T SWIVEL	BREWIS	NA	2010	Various
6	220T SWIVEL	DCD	NA	2011	Various
7	110T SWIVEL	BREWIS	NA	2010	Various
8	80T SWIVEL	BREWIS	NA	2009	Various
9	60T SWIVEL	BREWIS	NA	2009	Various
10	TOOLS CONTAINER	SNAP ON	NA	2013	Various
11	8" MONEL C/W DOWN HOLE ASSEMBLY	INROCK	NA	2012	Various
12	6" MONEL C/W DOWN HOLE ASSEMBLY	INROCK	NA	2012	Various
13	THRUSTER 24" - 48"	PRIME	24 - 48"	2013	Various
14	MOBILE BREAKOUT UNIT	HERENKENETT	4-1/2" to 6-5/8"	2013	Owned
OTHER CONSTRUCTION EQUIPMENT & MACHINERY					
ITEM	DESCRIPTION & MAKE	CONDITION	OWNED / LEASED	QTY	
DRY PLANTS					
1	ABI 90-TON TRACK VIBRATORY PILING HAMMER	GOOD	OWNED	2	
2	ICE 3117 VIBRO HAMMER & POWER PACK	GOOD	OWNED	1	
3	WILCO SWAMP BUGGY	GOOD	OWNED	6	
4	DOZER D7R, D6H	GOOD	OWNED	3	
5	PAIL LOADER 966 CAT	GOOD	OWNED	3	
6	WHEEL LOADER 950 CAT	GOOD	OWNED	2	
7	CAT 750 GRADER / RIPPER	GOOD	OWNED	2	
8	CAT 235 EXCAVATOR	GOOD	OWNED	4	
9	CAT 320 EXCAVATOR	GOOD	OWNED	6	
10	SIDE BOOMS - 40T	GOOD	OWNED	6	
11	SIDE BOOMS - 35T	GOOD	OWNED	4	
12	BENDING MACHINE - 16" TO 24" CRC EVANS	GOOD	OWNED	1	
13	WELDING MACHINE - LINCOLN 450V (MANUAL AND ARC)	GOOD	OWNED	24	
14	GRINDING MACHINE	GOOD	OWNED	6	
15	COMPRESSERS - INGERSOLL RAND	GOOD	OWNED	10	
16	GENERATORS (20KVA - 500KVA)	GOOD	OWNED	10	

TECHNICAL CAPABILITIES EQUIPMENT

OTHER CONSTRUCTION EQUIPMENT & MACHINERY				
ITEM	DESCRIPTION & MAKE	CONDITION	OWNED / LEASED	QTY
CRANES AND TRUCKS				
1	CRANE (TELESCOPIC TYPE) – 10 TONS	GOOD	OWNED	2
2	CRANE (TELESCOPIC TYPE) – 25 TONS	GOOD	OWNED	2
3	CRANE (TELESCOPIC TYPE) – 30 TONS	GOOD	OWNED	3
4	FLAT BED TRAILERS (DOUBLE AXLE) – MACK	GOOD	OWNED	16
5	FLAT BED TRAILERS (4 X 4) – MECERDES BENZ	GOOD	OWNED	14
6	LOW BED TRAILER (4 X 4) – MECERDES BENZ – 45 TONS	GOOD	OWNED	2
7	LOW BED TRAILER (4 X 4) – 70-80 TONS	GOOD	OWNED	2
8	SALVAGE TRUCKS (MACK) – DOUBLE AXLE	GOOD	OWNED	1
9	OIL & LUBE TRUCK	GOOD	OWNED	2
10	DIESEL TRUCK	GOOD	OWNED	2
11	WATER TANKER – 3000 LITERS	GOOD	OWNED	2
12	SELF LOADER – 10 TON LIFTING CAPACITY (DOUBLE AXLE)	GOOD	OWNED	1
13	SELF LOADER – 7 TON LIFTING CAPACITY (DOUBLE AXLE)	GOOD	OWNED	1
14	DAF 1800, 4 X 4 WHEEL DRIVE BUS	GOOD	OWNED	4
15	TOYOTA HIACE BUS – 18 SEATER	GOOD	OWNED	3
16	TOYOTA HILUX PICK-UP – 4 X 4 WHEEL DRIVE	GOOD	OWNED	8
17	TOYOTA LAND CRUISER, HARD BACK 4 X 4 WHEEL DRIVE FIELD TRUCK (COVERED)	GOOD	OWNED	4
18	TOYOTA PRADO 4 X 4 WHEEL DRIVE	GOOD	OWNED	5
19	MEDIVAC VAN – MERCEDES G40	GOOD	OWNED	2
20	UNIMOG 1300, 4 X 4 WHEEL DRIVE BUS	GOOD	OWNED	4
DREDGING AND MARINE EQUIPMENT				
1	ENIKKOM ELLICOTT DRAGON DREDGER, SERIES 1170-50 (CUTTER SUCTION) 16"/16" – MV KENENNA	GOOD	OWNED	1
2	ENIKKOM ELLICOTT DREDGER, SERIES 670-42 (CUTTER SUCTION) 14"/14" – MV KECHIKEMDI	GOOD	OWNED	1
3	SWAMP BUGGY EXCAVATOR WITH CAT 320 BACK HOE	GOOD	OWNED	6
TOOLS, MATERIALS, PUMPS				
1	TOTAL STATION	GOOD	OWNED	5
2	AUTO LEVEL	GOOD	OWNED	2
3	PIPE LOCATOR	GOOD	OWNED	2
4	HOLIDAY DETECTOR	GOOD	OWNED	5
5	LINE UP CLAMP (INTERNAL)	GOOD	OWNED	Various
6	LINE UP CLAMP (EXTERNAL)	GOOD	OWNED	Various
7	FLUSH PUMP	GOOD	OWNED	2
8	PRESSURE PUMP	GOOD	OWNED	2
9	CUTTING SET	GOOD	OWNED	Various
10	DARK ROOM (COMPLETE)	GOOD	OWNED	Various
11	WATER PUMP 2"	GOOD	OWNED	Various
12	HIGH PRESSURE PUMP	GOOD	OWNED	Various
13	PRESSURE & TEMPERATURE RECORDER	GOOD	OWNED	Various
14	RADIO VHF BASE	GOOD	OWNED	Various
15	RADIO VHF HAND HELD	GOOD	OWNED	Various
16	PAINT SET (AIRLESS)	GOOD	OWNED	Various
17	EXPLOSIMETER (GAS TESTER)	GOOD	OWNED	Various
18	FABRICATION TOOLBOX	GOOD	OWNED	Various
19	ISOTOPE	GOOD	OWNED	2
20	RADIATION MONITOR	GOOD	OWNED	1
21	MOTORIZED SAW	GOOD	OWNED	Various
22	METABO 9"	GOOD	OWNED	2
23	METABO 4"	GOOD	OWNED	2
24	OFFICE AND LIVING PORTACABINS (VARIOUS)	GOOD	OWNED	Various



SAIPEM Briefly



March 2016

editorial



Rosemary Ehiogu

It is exciting to announce that Saipem Briefly our in-house Newsletter published to acquaint you with our activities and achievements is back! We had used the intervening period to do some introspection on improving the newsletter. So, what you have now is part of the outcome of that 'refresh' process, and we do hope you like it.

In this edition we have showcased some fascinating achievements in the first quarter of 2016, you will also find stories on the socio-economic impacts generated by our presence in Nigeria.

Regardless of the way the market scenario develops in 2016, I am certain that sustainable local content strategy will remain an essential factor in our success story.

Happy reading!

NIGERIA Gets Another Boost on Otumara Project

NIGERIAN Content Development in the oil and gas sector gained yet another boost on the 20th of March 2016, with the successful completion of the longest HDD pull ever done in Africa by Nigerians on SCNL's Otumara project. The Otumara-Saghara-Escravos Pipeline Project is an EPC Contract awarded by Shell Petroleum Development Company of Nigeria limited (SPDC), as part of Shell's program to reduce gas flaring in the Country.

The 42-kilometre-long pipeline, of various sizes ranging from 2 to 12 inch, passes through swampy terrain and dry land including a major river crossing. The pipeline will collect about 30 million cubic feet a day of processed associated gas from the Otumara and Saghara fields in the western Niger Delta and send it through the Escravos-Lagos system to the domestic market, helping to reduce flaring, or the burning of gas produced alongside oil.



Jubilant at the HDD string exit point at the NGC HDD site

The Construction Manager Alufa Austin on announcing the successful completion of the 2.8km HDD operation on behalf the Project thanked all the team members for their contribution towards the success of the unprecedented and challenging task.

Continue on page 2

NEWS FLASH

Continuation of page 1.

In the same manner Saipem's Onshore Operations Manager, Mr Davide Rossi expressed Management's delight in the achievement of the project team as this is the first project in Nigeria to achieve a 2.8 kilometers of Horizontal Directional Drill pull across the Escravos River which is the longest of such HDD operations in Nigeria. He noted that this is particularly instructive because it was achieved with an indigenous company Enikkom Construction Limited

With the mix of SCNL experience and ENIKKOM management, the team (ENIKKOM and SCNL) spent considerable time in preparing the design of this job, developing a detailed engineering for the entire operation which comprises of 5 phases: drilling of the pilot hole; reaming of wider hole 18"; reaming a 24 " size hole; swabbing or cleaning the hole; and pulling back the pipe. During these steps the stability of the drilled hole is guaranteed by pumping bentonite and additives into the hole. The whole system is then kept under pressure to avoid any collapse.

The operation itself was unique, highly fragile and must not fail. After performing an accurate geotechnical survey, ENIKKOM and SCNL executed the job by using the "intercept methodology". SCNL prepared at the two extremes of the crossing two working areas meant to accommodate ENIKKOM's rigs of 300 tons and 500 tons which drilled simultaneously to connect the two ends.



HDD Site during the pullback operation.

In line with the Nigerian Content Policy, the project was fully achieved in Nigeria with cooperation from key contributors involving communities and sub-contractors partnering with Saipem Contracting Nigeria Limited to meet completion.

SCNL is proud of its achievement in practically demonstrating the spirit of the Nigerian Content which translated into provision of several direct and indirect jobs, bringing business to the rural communities, discouraging capital flight, and boosting local capacity in course of the project.

"...Congratulations for a job well done.
Keep up with saipem" *Guido D'Aloisio*

Key Project Nigerian Content Performance (30.03.2016)

Total Project Hours	2,015,885
Hours Achieved with Nigerians	1,842,720
Nigerian Content %	92%
NHCD Training Hours	15,432

Otumara-Saghara-Escravos pipeline project in pictures





GALLERY





Enikkom

CONSTRUCTION LIMITED

**Foremost Indigenous Trenchless Engineering
& Construction Company in Nigeria**



CONTACT US.

**Abuja: House 11, 65 Road, Abuja Model City,
Gwarinpa, Abuja, FCT, Nigeria.**

**Ogun State: No 7, Joseph Ogunjobi Street,
Praise Hill Estate, Arepo,
Ogun State, Nigeria.**

**Phone / Fax: +234 (0)80-35082614
+234 (0)70-35557575**

E-Mail: info@enikkom.com

Website: www.enikkom.com