

## FLOWLINE ENERGY SERVICES

Head Office  
Lindey Plaza  
2nd & 3rd Floor  
16, Amodu Ojikutu Street  
Victoria Island.  
Tel: +234 – 1 – 4627566  
Fax: +234 -1- 4631803  
Website: [www.flowlineng.com](http://www.flowlineng.com)



## ALLIANCE PARTNERS

Starr Engineering Services  
Head Office  
14350 West Sylvanfield Drive  
Houston, TX 77014  
Phone: 009-1-281-453-7300  
Toll Free: (866) 456 -1039  
Fax: (281) – 453 – 7301  
Website: [www.starengr.com](http://www.starengr.com)



## COMPANY PROFILE

### About FLOWLINE ENGINEERING SERVICES

Flowline Energy Services Company is a young wholly indigenous company established to provide professional services in engineering & design, project management, procurement as well as ancillary support services to the oil, gas & power sectors in Nigeria and in the West sub-continent.

FES is a complete engineering company with depth and breadth of technical expertise to respond to the complex challenges of the countries major infrastructure projects, whether it is the concept of a new fabrication or the improvement of a management process, we plan, design & enable solutions.

[www.flowlineng.com](http://www.flowlineng.com)



## Introduction



The Energy sector in Nigeria and most countries on the path of rapid development remains a critical factor for the achievement of

same. The limitless opportunities that abound in this unique sector draws to itself considerably unique challenges in apt proportions. The pertinent need to engage these challenges with qualitative solutions that will alleviate the issues cannot be overstated, hence the evolvement of strategies that offer a steady flow of required solutions hatched on the platform of Flowline Energy Services.

## Our Vision

"To become a leading service provider to the energy sector both in Nigeria and the West African sub-region while maintaining highest standards of integrity and transparency in all our dealings."

## Our Mission

FES as a young growing company is striving to be Nigeria's best in the Energy & Power industries in providing engineering, project management and manpower development services that meet international quality, safety and environmental standards to the satisfaction of our customers and for the benefit of all stakeholders.

## Our Services

FES has a reputation for providing excellent services to the energy & power companies; refining, storage and distribution companies.

FES provides service delivery of very high standards in terms of quality of service, professionalism and integrity. We provide services in all aspects of engineering. This capability is as a result of the synergy of both core staff and alliance partners expertise. Thus our engineering capability goes beyond analysis and detailed design of facilities to provision of a general overview of project development.

The scope of services provided include all aspects of the design and management of oil and gas systems, pipelines & their interfaces with platforms, drilling rigs and production vessels. Our principal products are feasibility studies, designs, technical documentation and drawing, typically including:

- Feasibility Studies
- FEED
- Detailed Design
- Onshore & Offshore Facility Development & Oilfield Training Services
- Inspection and Maintainance
- Procurement Support
- Technical Manpower Supply
- Project Management Services
- Construction
- Fabrication and Installations
- Integrated Field Studies



## Community Social Responsibility

Flowline Energy Services has built on the foundation of providing innovative solutions by adhering to a strong set of corporate values. Acting ethically, responsibly and supporting the needs of the environment, the community, employees and others, FES contributes positively to society and facilitates the building of lasting relationships with all stakeholders. It is our responsibility to give back to the community, but also it is clear that these commitments resonate with our employees who selflessly drive the development of our Industry and by extension the Nation through qualitative and world class solutions.

## Adebola Adeosun - Managing Director

A focused and inexorable provider of real time solutions driven by a penchant to attain the best results for projects and clients alike, are few words to describe Bola Adeosun.

An alumnus of the University of Lagos, London's South Bank University, and the prestigious Oxford University, with several years of experience in solutions planning and implementation within the Information technology, Oil and Gas, Investment Banking and Engineering industries in Nigeria and beyond, Bola Adeosun has provided quality services that manifest in the efficient and effective post-implementation run of his clients operations.

A consummate manager of resources, and a systems analyst and designer with an eye for detail, He brings a service of excellence to bear on his associates, technical partners and briefs from Flowline's clientele. These qualities can also be found in the ensemble of seasoned consultants, managers, and engineers under the umbrella of Flowline Energy Services. Together they deliver to the Energy industry a discovery of service oriented and resourceful solutions.



## Value Creation

FES was set up to bolster the range, depth, expertise and quality of services currently available in the Nigerian Oil& Gas and Power sectors. This will be achieved by

- Offering its clients professional, technical and economic advice based on the experience and demonstrated track record of its staff.
- Making use of the latest technology available to enhance response time and ensure service delivery that meets the industry's international standards.
- Attracting, developing and retaining local talents that will support our aspiration to become the leading engineering and project management consultancy in West Africa.
- Empowering Nigerians for skills acquisition and technology transfer, thereby enhancing the Nigerian Content Directives (NCD) of the Federal Government of Nigeria and the socio-economic growth of the sub-region.

- Upholding the highest standards of safety, quality, business ethics, integrity and professionalism.

### Quality Assurance

FES has in place a Quality Management System that fully meets with the requirements of ISO 9001 and an active Occupational Health and Safety Policy.

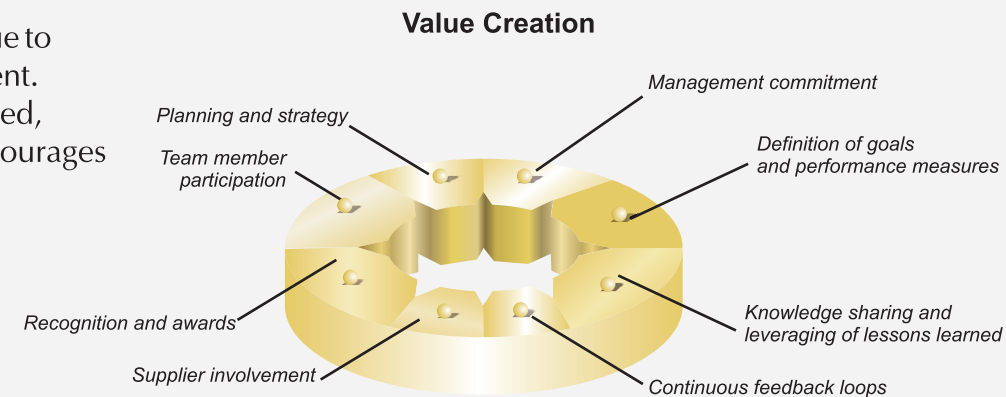
### Management Team

Our extended management team bring together engineering and project management professionals with strong international and local experience/backgrounds in Geology/Geophysics, Civil/Structural, Mechanical, Electrical, Instrumentation, Construction, Environmental and Project Management complimenting the strong engineering, operations and business development skills of our founding directors.

www.flowlineng.com

# Value Creation

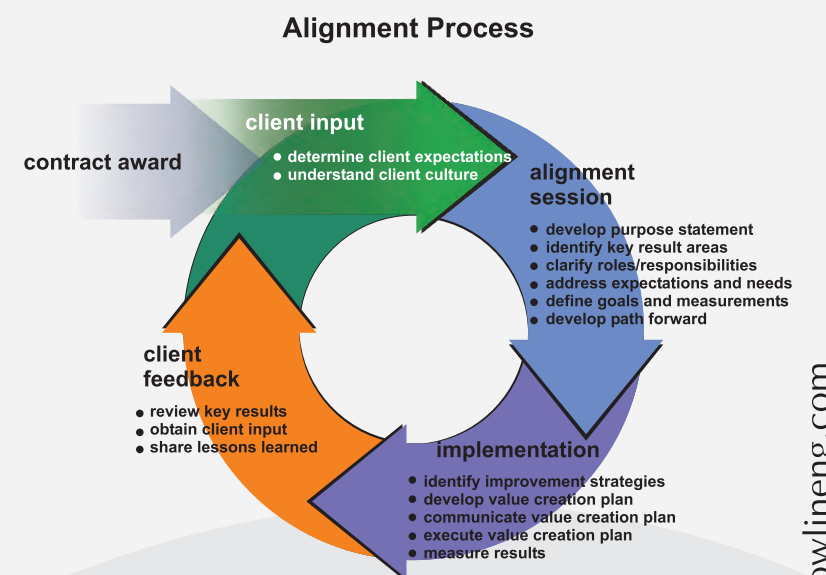
Flowline Energy Services uses a flexible approach for building value to meet the diverse needs of each client. This approach provides a disciplined, client-focused framework that encourages and empowers management and employees to develop innovative solutions for complex challenges and to constantly improve their work environments and work processes.



## Alignment Process

The Flowline Energy Service Alignment Process is a structured framework that establishes a common understanding of project objectives, roles and responsibilities of the project team and key activities and performance goals.

This understanding is necessary to support a successful project and to identify potential problem areas that might impede progress. The alignment provides an opportunity for the project team to clearly understand the client's business needs and to maintain an awareness of project goals and the progress made in achieving them.



Structural Analysis & Design

www.flowlineng.com

# Interface Management Overview

The key to successful management of interfaces within an organization or among multiple different organizations is to have well-defined, structured procedures that establish proven methods for identifying interfaces, defining scopes and deliverables, assigning responsibilities, monitoring status, documenting agreements, and following-up on and ultimately closing-out completed interfaces.

Effective interface management requires the early identification, prioritization and timely resolution of interface issues. The overall interface management process consists of Interface Planning, Identification, Assessment, Monitoring and Control, and Interface Close-out. Failure to manage interfaces leads to negative impacts on the project’s cost, schedule and quality.

Our staff provide innovative and cost-effective engineering, procurement, construction, operations and maintenance services. Maximizing the utilization of technical Nigerian resources is a prime goal. We currently have a resource level of over 65 personnel including about 60 engineering staff.

## Engineering & Design Software

Either through sole acquisition or leasing from our technical partners, FES has full access to the use of discipline engineering software for

performing engineering designs.

- Hysys
- Pipephase
- Autoplant
- AutoPIPE
- Mathcad
- Autocad
- STAAD.Pro
- Caesar II
- MS Project

The table below shows the average workforce experience in all the disciplines.

Discipline	Number	Average Experienc
Process	8	12
<b>Electrical/Instrument</b>	<b>5</b>	<b>10</b>
Mechanical/Piping	12	7
<b>Pipeline</b>	<b>2</b>	<b>10</b>
Civil/Structural	11	12
<b>Project Controls</b>	<b>3</b>	<b>5</b>
Project Management	4	15
<b>Project Engineers</b>	<b>6</b>	<b>7</b>
QA/QC	4	9
<b>HSE</b>	<b>3</b>	<b>6</b>
CAD	9	9
<b>Business Managers</b>	<b>2</b>	<b>12</b>

Inspection & Maintainance

# Assets

## Internet Connection

FES places very high premium on efficient and effective communication amongst its staff. Communication with our clients and partners is also of high priority in our operations. This is evidenced in the heavy investment the company has made in the areas of telecommunications and associated equipment at its office location.

The company has installed, a 1.8-meter dish KU band VSAT Internet connection provided by iWay. The Motorola Wireless router is connected directly to this Internet link, and the link is shared to the other computers on the network, via a wireless router and a firewall.

The Internet connection is a 192kbps, voice capable, dedicated bandwidth link, with an IPSat modem. The upload speed is 64kbps (Kilobits per second), while the download speed is about 192Kbps. The dedicated bandwidth comes with two live IP addresses. One of these is currently being used for the Internet. The second IP can be used to implement voice, using VOIP facilities.

## Computers

The network comprises of one Net gear Wireless G/54mbp router and two print servers used by the engineers and other staff, making a total of forty five systems.

## Printers

Our printers include one HP LaserJet 2600N (A4) network printer, for general printing and other jobs, one HP DesignJet 130 color, for CAD jobs. These two printers are full network printers with Jetdirect cards, and are installed on print server on the network.

Other printers are one HP LaserJet 1220 (A3) printer, one HP DeskJet 920 color printer, one HP DeskJet 850c, one HP LaserJet 1500L, one HP Laserjet 2600n, HP DesignJet 450 Plotter and three HP DeskJet 895Cse printers.

Others include the HP 5LJ 5200 PCL6(Black) printer, HP OfficeJet K7100(A3 and A4)(Colored), LEXMARK E120(Black), HP Color LaserJet CP3525 PCL, HP OfficeJet 6300 SERIES(4 in 1),(SCANNER), PLOTTER HP Designjet 710. HP OFFICEJET J6410(3 in 1).

## Copiers

The copiers installed are three in number. The Panasonic FP-7830 plain paper copier is one of them. This is an A3 copier, complete with a bin sorter and an automatic document feeder. The copier is capable of copying documents in the A5 to A3 range. It can also enlarge and reduce documents to any size within this range.

The HP 7100 All in One is an A4 plain paper copier, also capable of enlargement and reduction. For A0 copies, we have the Xerox XES 3030 installed. This equipment aside from being a large paper copier is a plan printer.

We also possess the Toshiba studio 120.

## Project Planning

# Company Project History

FES believes in establishing long-term strategic relationship with our clients as opposed to short term opportunity based engagements.

FES greatly values the relationships that it has established over these short period of existence with its customers and is delighted to meet up with their technical needs.

FES has handled projects within and outside of Nigeria through our alliance partners STAR Engineering services based in Houston, Texas.

FES has executed jobs for the following companies and also has work experience of foreign partners in Nigeria and some Nigerian Companies as well which includes

- Conceptual Engineering of 12' alternate export pipeline for Pan Ocean Oil Nigeria. May 2008
- Conceptual engineering of 10' LPG Export pipeline for Pan Ocean Oil Nigeria. May 2008
- Detailed engineering design of USAN FPSO (Manpower supply) – April 2009
- Evaluation of options for production of 10,000 – 15,000bpd in intermediate water depths, offshore for foreign partners in Nigeria.
- Engineering Design for the Design and Construction of Tank farm for Pan Ocean Oil Nigeria.
- Front End Engineering for the design and construction of crude oil for Pan Ocean Oil Nigeria.
- Front End Engineering for the design and construction of NGL Export Pipeline & Metering System for Pan Ocean Oil Nigeria.

## Our Clients

