



Head Office: 2nd Floor, Endala Malla Reddy Complex Beside Cine Planet, Kompally Secunderabad - 500100

**Ph:** +91 040 27165516-19 **E:** info@united systems.in

#### www.unitedsystems.in

#### **Corporate Office:**

101, Murali Mansion,3-9-51, Syed Jalal Gardens, West Marredpally, Secunderabad, Telangana, India 500026

M: +91 93462 54569 E: dr@unitedsystems.in

#### Factory:

Plot # 18 B/1, Automotive Park Kallakal Village, Toopran MandalMedak District, Telangana - 502334

M: +91 99639 19738



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# ONE STEP AHEAD

United Systems is driven by stratagems of experienced connoisseurs in the field of Industrial Project Execution from Concept to Commissioning.

Established in 2010, We are an Engineering, Procurement, and Construction company in the field of Power, Oil and other Process Industries. We specialise in various turnkey packages and have earned a reputation as industry experts through our unrelenting commitment and exemplary project executions.

We believe our teamwork is our strength and our people our USP. That's why, we are led by seasoned industry professionals and driven by an engineering and CAD division proven in handling a wide range of products and services. Our workforce is trained and equipped to handle Structural, Mechanical, Electrical and Instrumentation functions besides having a strong foundation on Project and Construction management as part of the EPC set-up.

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Durairaj Kumaraswamy Managing Director

# THE LEADER & LEADERSHIP for global panorama

Having achieved an exponential growth since our inception in 2010, the Company has attained prominence as a leader in the field of engineering constructions through competence, competitiveness and timely delivery with highest quality standards, recognized safety performance and dedicated commitment towards the environment and society. It is our endeavour to serve our valued customers with

excellent workmanship and efficient management for attaining extraordinary levels of customer satisfaction. We believe our people are our USP and nurturing & grooming them is our way of creating a niche for ourselves in this competitive segment.

We continuously strive for innovation and enhanced efficiency to be well prepared for the ever so changing demands of today's era.

As we look to the years ahead we remain committed to achieving excellence by successfully overcoming all challenges before us.

# VISION

#### that directs towards Victories

We aspire to be a global benchmark for Engineering, Construction and Project management by creating value for our customers and by providing enriching and satisfying careers for our people.

Juli Martin

ALLIA

# **MISSION** Moving with Precision **Delivering Value Preserving Reliance**

We make a difference through:

#### 📲 Our People

weller,

Strive hard to provide an equal platform that fosters teamwork, enhances leadership, nurtures talent and rewards hard work for every employee.

#### A Our Conduct

To provide a safe, environment friendly work place that cares for our community and demonstrates highest of ethical standards.

#### **b** Our Approach

To be the EPC contractor of choice through constant endeavour to



achieve extraordinary levels of customer satisfaction by delivering leading-edge, economical and seamless products and services.

#### Our Relationships

To build positive, long-term relationships that are built on honesty, trust, and respect.

#### 👪 Our Culture

To be an equal opportunity provider by building a diverse and collaborative work environment where openness and transparency is welcomed.

# **COMMITTED** with Quality and Transparency

We are constantly committed towards groundbreaking innovation and high quality services and products. We provide extreme satisfaction to our clients with determination and dedication towards every project.

- Endeavoring paramount quality standard with rigorous timeline of deliverance
- Protecting the interest of customers and excel with altitudinous of result-oriented efforts
- Upgrading accurately and consistently with continuous improvement and customer focused development

- Establishing a transparent relationship and longterm partnership with suppliers and clients
- Empowering the calibre of our team with regular training programs to be ahead of the curve for changing global demands and technologies

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# **ECHO** of Engineering

We understand the significance of every employed talent's dream. We pursue the power of possibilities through Engineering dreams of every Industry and Individual. Our echo is heard in our efforts we put forth in forging our products and proficiency of our services. Our work ethics are strong and relevant even for incoming generations. United Systems takes immense pride in presenting itself as an organization that will never stop believing in billion dreams of its people and ventures of offering only the best to our stakeholders. Our offerings are divided under three broad categories:

#### **EPC contractors**

FOHS, Bulk Storage Tanks, LP Piping, CW & River Water Intake Piping, Fire Detection & Alarm System, Structural Steel Engineering, Port Handling Systems and Power Control & Instrumentation Systems

#### Products

Filters, Strainers, Heating & Pumping skids, Floor Coil Heaters, Heat Exchangers and Electrical Heaters

#### Services

Tank Desludging, Cleaning & Repair, Mechanical services and Specialized Services

# EPC **CONTRACTORS**

#### **FUEL OIL HANDLING** SYSTEMS (FOHS)

We are expert in handling fuel oils such as HFO, LDO, HSD, LSHS, Naphtha etc. with our vast knowledge and experience in Fuel Oil Handling systems. Our design includes pump skids for unloading from tankers / railway wagons and forwarding to process units and storage tanks, required electrical / instrumentation, tracings and insulation as per customer requirements adhering to International and National standards. Our package also includes obtaining CCOE / PESO approval for the installations.

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United Systems provide complete turnkey storage solutions from manufacturing to commissioning of various storage needs and providing end-to-end solution. We are involved in construction of customized, above ground/under ground storage tanks as per international/national standards. We specialize in tanks such as Fixed roof tanks (Self supported and column supported), Floating roof tank systems (Single deck and double deck).

#### LOW PRESSURE PIPING (LPP)

We undertake complete Designing, Engineering, Procurement, Supply, Fabrication, Erection, Testing and Commissioning of various LPP systems. We also undertake projects in erection of underground piping with suitable standard protection that includes corrosive protection coating. Structural works such as pipe racks and necessary supports are also fabricated and erected by us.

Our LPP package covers both in-plant and external piping like Air, Water and Steam in

IBR and Non IBR categories. This package covers valves, flanges, actuators and other instrumentation. The comprehensive LPP systems are:

- Water Piping (Cooling, RAW & Service)
- DM, Potable, Boiler blown down piping
- Air Piping (Instrument & service)
- Steam & Condensate Piping
- Steam tracing with steam trap modules

of condensate.

#### LARGE **DIAMETER PIPING**

We design, engineer, supply, fabricate and erect different types of Structural Steel including ducts and chimneys for power plants, hydrocarbon industries, metallurgical plants and other process industries.

#### **FLASH TANKS & DRAIN OIL TANKS**

Flash Tanks are designed and manufactured as per customer requirements adhering to IS 2825/ASME Sec VIII, Div 1. Flash tanks are used for segregating steam and condensate and also for reducing the temperature

Drain oil tanks are designed and manufactured as per customer requirements adhering to

International/National Standards. These tanks are used for collecting drain oil from different equipment.

We offer Large Diameter Piping works for Circulating Water(CW), Auxiliary Cooling Water (ACW), River water intake. We also undertake Cross Country Piping for various liquids/gases.

#### **FIRE DETECTION & ALARM SYSTEMS**

Our Fire Fighting and Detection Systems consisting of hydrant systems, MVWS, HVWS, Foam Protection, Gas Suppression and Microprocessor based Detection and Alarm System have been commissioned for various industrial sectors such as Power Plants, Process Plants and Metallurgical Plants. We completely design, fabricate, erect and commission Fire Detection, Alarm and Protection system as per client's requirement adhering to International/National standards.

#### **STRUCTURAL STEEL ENGINEERING**

# POWER, CONTROL & INSTRUMENTATION SYSTEMS

Our in-house experts have mastered the art and science of power, control and measurement of the process variables within a manufacturing area. Our list of offerings include:

- All instruments on level, Pressure, Temperature, Flow etc.
- Complete electrical packages

• PLC, SCADA & DCS (Including generation of MIS as per customer requirement)

#### PORT HANDLING SYSTEMS

Our extensive range of Edible Oil/Hydrocarbons Handling Systems takes care of unloading from ship, storage and loading into road tanker and vice versa. We have successfully designed, erected and commissioned such Port Terminal oil Handling Systems globally.

# FILTERS & STRAINERS

USPL supplies custom strainers of various types as per the requirements of our clients. E.g., Simplex/Duplex for heavy duty applications and T/Y strainers for low load applications.



#### PUMPING & HEATING SKIDS

We completely engineer, design and manufacture Pumping and Heating skids based on customer requirements at our factory. Our custom-made units are built by considering ease of operation and maintenance.







**CLEANING/REPAIR** 

£ Tank Degassing

Repair/Replacement of Foam Lines

Repair/Replacement of Tank Sumps, Manholes & Nozzles



#### **MECHANICAL SERVICES**

- Tank Calibration Services
- Full NDT Services
- Spool Fabrication
- QA/QC Inspection
- Bolt Tensioning (Controlled Bolting)
- Blasting & Painting Metal Surfaces

### **FLOOR COIL HEATERS**

Floor Coil Heaters are custom engineered, designed and manufactured as per customer requirement in our factory/site.

#### **HEAT EXCHANGERS**

We design and manufacture shell and tube heat exchangers as per international standards such as TEMA/ASME.

#### **IMMERSION, OUTFLOW** & INLINE ELECTRICAL **HEATERS**

We manufacture all kinds of Electrical Industrial Heaters like Immersion Heaters. Inline Heaters and Outflow Heaters. Our heaters are customized as per client's prerequisite.



# **TANK DESLUDGING/**

JI II Nitrogen Purging



Roof Seal Replacement



Repair/Replacement of Sprinklers and Sprinkler Lines

Hydro Jetting



Repair/Replacement of Stairs and Railings



Repair/Replacement of Tank Shell and Bottom Plate





# **OUTSTANDING PROJECTS Attained Success**

# NEILAN Sudan - Edible Oil Handling System

When Neilan International Co. Ltd. approached us for Designing, Engineering, Supply, Erection, Testing and Commissioning of their Edible Oil Handling System consisting of 6 x 6000 KL Fixed Roof Storage Tank, unloading and loading system along with associated piping, valves, electrical and instrumentation system and Fire Protection and Detection System our team was up for the challenge. In spite of the massive amount of work to be executed at a very short span of time, the team managed to complete the work effectively and efficiently well within the stipulated deadlines. Today we can proudly say, Neilan International Co. Ltd can vet our mission statement directed towards our customers.



Our first extensive overseas project as an EPC contractor was executed with Afcons for the GSEZ port, Owendo, Gabon, Africa. The project entitled designing, Engineering, Supply, Fabrication, Erection, Testing and Commissioning of Palm Oil Storage (10500MT) with necessary transfer systems with pigging operation. Our procurement team wonderfully rose to the challenge of sourcing materials from around the globe and dispatching on time. The design team were presented the challenge of working for an infrastructure project for the first time and the projects & construction team were challenged with difficult overseas condition with a tight schedule. However, with exemplary teamwork and leadership from the management, this project now serves a true benchmark for United Systems.

# **AFCONS GSEZ Port - Palm**

**Oil Handling** System



Our first foray into Floating Roof Storage Tanks was a challenging and rewarding experience. The scope of the project was to build two storage tanks of 2 x 2500KL capacity for the double deck floating roof storage tanks with necessary systems for unloading and transfer, also combined with the ancillary firefighting system and fullautomation for the entire system. The fact that this project was a brown field project raised further challenges for the projects and construction team. However, with undying resilience and dedication from the USPL team, this project was completed before schedule with highest quality.

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#### **THE TEAM** Linked with Enthusiasm, Fastened with Focus

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A team of diversified talent is the strength of every company. Our energetic team includes experienced team-players with practice and professionalism of nearly four decades. Best industrial talent is amalgamated to create finest of Engineering Inventions and providing problem-solving services for distinct sectors.

# Terrain where **TECHNOLOGY MEETS TALENT**

When leading-age technology meets superlative talent at a place established to do the optimal work, it illuminates positivity in the environment.

Our infrastructure is beaming in total 50,000 Sq. Ft. area with 600+ machineries and 450+ employees.

> This is a creative visual representation of the map. It may not have accurate political international boundaries.



# **ENSURING ACCESSIBILITIES** from Concept to Commissioning

We have supplied our efficacious services and lucrative product packages to big industrial players in India and Overseas.

We strive to expand our network and reach in most parts of the world with power of engineering to facilitate the industrial tasks and complexities.

## **FINANCIAL STRENGTH**

Balance Sheet - FY 13 - FY 17

Profit and loss metrics	FY 13	FY 14	FY 15	FY 16	FY 17
Revenue (in Rs. Million)	95	140	173	115	191
Profit After Tax (in Rs. Million)	3	7	9	4	10
EBITDA (in Rs. Million)	9	16	20	10	22
Key Performance Indicators	FY 13	FY 14	FY 15	FY 16	FY 17
EBIDTA/Turnover (%)	9.1%	11.5%	11.8%	9.0%	11.6%
PBT/Turnover (%)	4.5%	7.4%	7.5%	4.4%	7.7%
Earnings Per Share (INR)	6.5	14.5	5.0	1.9	4.8
Debt Equity Ratio	0.87	0.32	0.03	0.00	0.00



















#### Royal HaskoningDHV **Unhancing Society logether**

"Effective and Efficient, these are the two words that best describe United Systems" Kamesh Karra, Team lead, Royal HaskoningDHV

### **Reli**

"It is not often you have trouble free execution of projects, especially when there are multiple interfaces involved but with their micro level planning and exceptional on site management skills, United Systems have found a way to overcome this obstacle. I wish them the very best for all their future endeavours"

C Dwarkanath, Sr. Vice President, Reliance Infrastructure Limited

















"United Systems is trustworthy and attentive to customer delight" H K Rajan, GM Projects, Afcons Infrastructure Limited



"In today's era many a company claim about customer satisfaction as their mission but very few actually strive towards it. United Systems is one such company that has managed to give us an overwhelming amount of satisfaction. Their ever so friendly staff and management are always ready to answer and take care of all our queries and issues" S Jawahar Babu. Sr General Manager - Power, NCC Limited

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# HEALTH, SAFETY & ENVIRONMENTAL (HSE) Policy

Healthy Environment makes powerful citizens. To ensure this, USPL has adopted HSE Policy. We are committed to achieve and maintain the highest attainable level of Health and Safety control in all areas of the Company's operations in a manner that it doesn't affect the environment and overall well-being of all our personnel, customers and subcontractors remains unharmed.

#### To achieve these objectives, we adhere to the following principles:

- Set and maintain high standards for health, safety and environment at work place.
- Identify risks and assure right practices to remove or reduce them.
- Make sure every employee is empowered to stop any act deemed unsafe towards overall health and surroundings.
- All personnel are given the necessary information, instruction and training to enable them to work in a safe manner and follow the regulations.
- Timely dissemination and discussion of relevant information on safety, health and environmental issues.
- Be prepared and respond quickly to accidents or other emergency situations and mitigate adverse impact on people, property and the environment.
- Periodically review our Policy and ensure it remains appropriate to the nature, scale and environmental impact of our activities and services.

Junets

MANAGING DIRECTOR

DATE: 02/01/2016



#### As part of our CSR activity

- We conducted a thorough Eye Checkup through our association with Lions Club for more than 300 families in a nearby village and have taken up the complete cost of doing cataract surgery. Also, provided spectacles for those with need.
- United Systems admire and respect the talent of our people. We support a local polytechnic college by sponsoring motivational speakers to take sessions for students. We recruit the good performers and give them a platform in the corporate world.





United Systems is committed to develop the society as we grow. We strongly believe that giving back to the society is the very foundation of an organization's sustainable growth. United we stand! United we grow!

