



## UIPS LOCATION



## شركة منافع وخدمات الطاقة الصناعية Utilities & Industrial Power Services

ISO 9001 : 2008 Certified

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## OVERVIEW

Established in June 2003, **Utilities and Industrial Power Services – Limited Liability Company (UIPS LLC)**, to provide EPC solutions to Industrial plants, Substations, Downstream plants and Building sector.

UIPS LLC relies on its core team of planned 1000 professionals to provide project management expertise to clients ranging from Operations & maintenance companies to international EPCM (Engineering, Procurement, Construction & Management) Contractors.

UIPS LLC provides competitive Technical Solutions, Services and Equipment to Industrial, Building and Utility sectors in the field of Civil, Electrical, Instrumentation, Fiber Optic, Power & Mechanical.

UIPS LLC goal and focus on Customer Satisfaction, By providing Cost Effective Solutions & Services, keeping quality and safety prior importance as per Industrial regulations.

### VISION

To become a recognized EPC Contractor  
"We delivered excellence exceeding our commitments."

### MISSION





# CIVIL CONSTRUCTION - Industrial / Downstream / Buildings

- Project Management & Planning
- Plant Buildings (Admin / DCS / PIB's / Substations)
- Site & Temporary facilities development
- Equipment foundations
- Warehouses
- Utility foundations
- Pipe racks foundations
- Structural steel fabrication & erection
- Cooling Towers
- Road Constructions / Fencing

380/220/115/13.8 KV Substation Construction



Plant Buildings Construction



Pipe Rack / Equipment Foundations



Temporary Camp Facilities



Structural Steel Erection



Utility Buildings / Foundation & Tanks



Plant Structure Buiding



Road & Fencing Works



Storage Tanks





## STEEL STRUCTURE FABRICATION & ERECTION



## PLANT SHUTDOWN & TURNAROUND

UIPS is specialized in ARAMCO, SABIC, SEC and other basic industrial plant shutdowns in Electrical, Instrumentation and Mechanical divisions.

### ❑ Electrical & Instrumentation Turnaround Jobs

- Re-Location of MV, LV Switchgears / Cables
- Up gradation of Transformers
- Up gradation of PLC's, DCS and ESD Systems
- Calibration of Field Instruments



### ❑ Revamping / Upgrade Projects



### ❑ Replacement of Motors / Pumps and Other Equipment's





# ELECTRICAL

UIPS is one of the Leading Electrical Contractor in Saudi Arabia which serves the Industrial, Commercial and Utility sector in the field of Power Generation, Transmission and Distribution.

## ❑ Substation Construction

- 380 KV, 230 KV, 115 KV, 34.5 KV, 13.8 KV.....



## ❑ Engineering, Procurement, Installation, Testing & Commissioning of:

- Low Voltage Switchgear
- Medium Voltage Switchgear
- High Voltage Switchgear
- Gas Insulated Switchgear
- Power Distribution Boards
- Main Distribution Boards
- Lighting Control Panels
- Low Voltage & Medium Voltage Cables
- Termination & Splicing of Cables
- Power Management System
- Power Factor Correction
- Capacitor Bank & Harmonic Filters
- Uninterruptible Power Supply
- Automatic Transfer Switch
- Fault recorders / sequence of recorders
- Battery Chargers
- Grounding Systems
- High Voltage Transmission line with OPGW
- HV/MV/LV underground cabling & FOC

# ELECTRICAL

## ❑ Transformers

Installation Testing & Commissioning of:

- Transformers 1 MVA to 120 MVA
- Meggering
- Oil Filtration Test
- Di - Electric Test
- Sub Station Lighting
- Other Tests



## ❑ Plant & SS Lighting

Design, Supply, Installation, Testing & Commissioning of:

- Plant Lights
- Substations Lights
- Pipe rack Lights
- Other Lighting works in Industries





## INSTRUMENTATION

UIPS LLC is a lead & expertized company in providing re-designed solutions for Control Systems, DCS upgradation, which includes detailed engineering, Procurement, Assessment, Implementation, Testing & Commissioning.

Engineering, Design, Supply, Installation, Testing  
Commissioning of:

- Instrument Sizing
- Selection of field devices
- Instrument Calibrations



- DCS / Marshalling Panels Erection and Termination
- PLC's, DCS, Operator Consoles Installations
- Hook-up and Terminations
- Loop Checks

We have a wide range of vendors to choose from. The instruments and the brands are selected in accordance with the client's preferred vendor and application requirements.



## POWER

Design Engineering, Supply, Installation of Projects in the field of Power Generation & Transmission.

- Power House using Generators & Turbines from 1MW to 30MW along with all protection & control gears
- Captive Power Plant
- Uninterrupted Power Supply (UPS)
- Battery Banks
- Load Banks
- Rental Power 1-100 MW



## INSTALLATION OF OHTL

We perform the following tasks

- Site survey demarcation and preparation
- Preparation of profiles
- Construction of Conventional Foundations and towers
- Assembly & Erection of lattice towers and tubular poles
- Stringing of bundled conductors & OPGW sagging, clipping and spacing.
- Fittings of insulators and vibration dampers





## MECHANICAL



Supply, Installation, Testing and Commissioning of

- Motors / Pumps and Other Equipment's
- Process / Utility Piping Works
- Steel Structure Works
- Specialized Equipments Installation & Testing
- Design & Installation of Storage / Fuel / Acidic Tanks



## FIBER OPTICS & NETWORKING SOLUTIONS

Engineering, Design, Supply, Installation, Testing & Commissioning of Fiber Optic Network

- Inside & Outside Plant
- Process Pipeline routes
- Between Plants to Port and Plants to Plants
- Networking Solutions



## SOLAR ENERGY

Our services span the entire project lifecycle, and goes beyond engineering, procurement and construction (EPC) to present complete solutions to the solar energy. We also provide complete turnkey solutions for concept to commissioning of small solar PV power plant for any capacity for export to grid and off-grid sites, also for roof top installations.



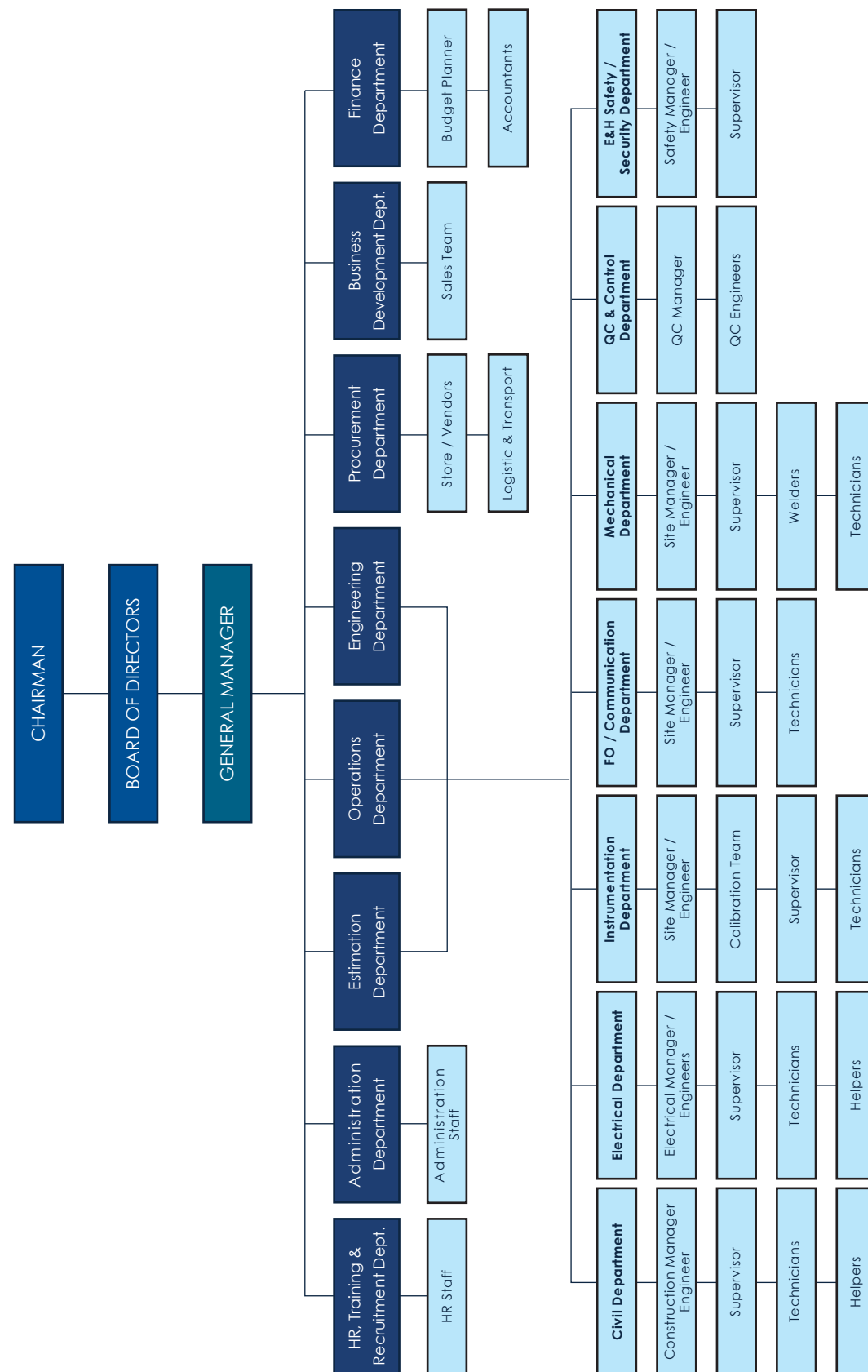
## SOLAR LED LIGHTING

We offer various Solar LED lighting solutions like Sign and bill board lighting systems.

Indoor and outdoor lighting in all capacities to fit most domestic, commercial and Industrial needs. Solar Powered Standalone street lights for roads, pathways, commercial buildings.







CLIENT : SAUDI ARAMCO TOTAL REFINING & PETROCHEMICAL CO.

**Main Contractor**

Gulf Consolidated Contractors Co. (GCC)

**Project Title**

Electrical, Instrumentation & FO Installation, Testing & Commissioning.

**Scope of Work**

- Civil, Electrical & Instrumentation Works in Substations and Remote Sites.
- FOC from SATORP to KFI port 33,800 meters on Steel Structure.
- FOC & Power Cable from SATORP to Berry Gas Plant 30,000 meters through trenches & Duct banks.

- 13.8 KV SS / Control Building / Scrappers / Skids and Remote Location Electrical & Instrumentation Scope
- FO 12, 48 & 96 Fiber Installation for HFO 20 inch, Paraxylene 6 inch, Benzene 8 inch. Lines through Cable Tray from SATORP Plant to Port 33,800 Mtrs x 3
- FO 12 & 48 Installation for LPG & Sulphur Lines Berry Gas Plant through Excavation 33,800 Mtrs x 2
- 13.8 KV SS Construction E & I works
- Control Building E & I Works





# ACCOMPLISHMENTS

CLIENT : SAUDI ARAMCO TOTAL REFINING & PETROCHEMICAL CO.

**Main Contractor** Gulf Consolidated Contractors Co. (GCC)  
**Project Title** HTS Cable Installation.  
**Scope of Work** ▪ Heat Tracing Cable HTS Installation

- Heat Tracing Cable HTS Installation for HFO 20 inch, Paraxylene 6 inch, Benzene 8 inch Lines through Cable Tray from SATORP Plant to Port 33,800 Mtrs x 10.
- Heat Tracing Cable Installation for Sulphur 6 inch line from SATORP to Sulphur Scrapper Berry Gas Plant.



# ACCOMPLISHMENTS

CLIENT : SABIC JUBAIL FERTILIZER COMPANY (AL-BAYRONI)

**Main Contractor** Olayan Descon  
**Project Title** Prill Tower Emission Control Exit Air Cleaning Unit and Crystallization Unit.  
**Scope of Work** ▪ Civil & Steel Structural Works

Following activities were performed during shutdown:  
Engineering, Design, Supply, Installation, Testing & Commissioning.

- MCC 303-k building  
(Foundation 123.50 m3, Walls 813.00 m2, roof of Transformers 115.00 m2, roof over building 316.00 m2).
- Fertilizer storage / UAS crystallisation building  
(Foundation Levelling concrete 160 m3, T.R.C 30 m3 Total steel 150000 kg)
- Steel Structure Works – 1000 Tons
  - Pipe Racks
  - Prill Tower Support Structure
  - Scrubber Support Structure





## ACCOMPLISHMENTS

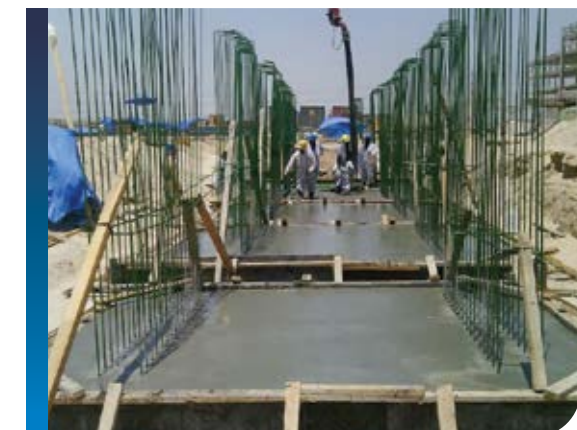
CLIENT : ADDAR CHEMICAL SOLVENT INDUSTRY.

<b>Main Contractor</b>	Utilities and Industrial Power Services (UIPS)
<b>Project Title</b>	Downstream Plant Construction.
<b>Scope of Work</b>	<ul style="list-style-type: none"> <li>Construction of Complete Chemical Solvent Plant</li> <li>Steel Structure Fabrication / Erection - Pipe Rack / Warehouse</li> </ul>

- Building and Installation of temporary facilities and services
- Construction of Admin Building / Security Building / DCS Building / Utility Building
- 1800 MT Steel Structure Fabrication and Erection for Warehouse / Pipe Rack / Plant Structures
- Architectural Works - Gypsum / False ceiling / Aluminium Glazing and Cladding / Door & Window Installation.
- Road Works / Gate and Fencing Installation.



## ACCOMPLISHMENTS






## ACCOMPLISHMENTS

### CLIENT : SAUDI ARAMCO RIYADH REFINERY

<b>Main Contractor</b>	Utilities and Industrial Power Services / Al Guhaidan
<b>Project Title</b>	Riyadh Refinery Turnaround
<b>Scope of Work</b>	<ul style="list-style-type: none"> <li>DCS ESD Upgrade ABB to YOKOGAWA in all Process</li> <li>Interface Buildings (PIB's)/Substations and Control Rooms</li> </ul>

- HRSG
- Boilers
- Hydro Cracker
- Sulphur Recovery Unit (SRU)
- Tank Farm
- Hydrogen Plant




### CLIENT : SABIC SADAF

<b>Main Contractor</b>	ABB Contracting Co.
<b>Project Title</b>	Power Factor Improvement & PMS Installation
<b>Scope of Work</b>	<ul style="list-style-type: none"> <li>13.8 KV Substation Construction, Resistor Shed and Fiber Optic Ring-Network</li> </ul>

- 13.8 KV Substation Construction
- Resistor Shed Construction
- Substructures & Foundations
- Electro-Mechanical Works
- Roads and Fence
- Grounding System
- Fire Protection, Detection & Alarm



## ACCOMPLISHMENTS



### CLIENT : SABIC - SADAF

<b>Main Contractor</b>	Utilities & Industrial Power Services
<b>Project Title</b>	Upgrade of sea water motors
<b>Scope of Work</b>	<ul style="list-style-type: none"> <li>Electrical, Instrumentation and Mechanical Works</li> </ul>

- Up gradation and Installation of Sea Water Motors
- Vibration monitoring system for motors
- Hooking up with Honeywell DCS






## ACCOMPLISHMENTS

### CLIENT : SAUDI ARAMCO LUBEREF

<b>Main Contractor</b>	Invensys Process Systems
<b>Project Title</b>	Replacement of BMS for Boilers
<b>Scope of Work</b>	▪ Electrical & Instrumentations Upgrade

- Replacement of Conventional Instruments with Smart Transmitters
- Re-Sizing & Up gradation of Power & Control Cables
- Hooking up of field instruments with marshaling / DCS cabinets



### CLIENT : SABIC - SAUDI KAYAN

<b>Main Contractor</b>	Utilities & Industrial Power Services
<b>Project Title</b>	Protection of Gearbox from Catastrophic Failure
<b>Scope of Work</b>	▪ Electrical and Instrumentation Works

- Tapping and Drilling works – Cooling Tower
- Sensors Installation on Cooling Tower
- Power and Control Cabling
- Cable tray & Conduit works around cooling tower
- Hooking up with DCS



## ACCOMPLISHMENTS

### CLIENT : SAUDI ARAMCO

<b>Main Contractor</b>	Utilities & Industrial Power Services
<b>Project Title</b>	TMS Upgrade
<b>Scope of Work</b>	▪ Upgrade of Field instruments & DCS

Up gradation of TMS system in the following Bulk Plants:

- Dhahran
- Duba
- Turaif
- Sulail
- Hofuf
- Jizan
- Tabuk
- Hasa
- Najran and various other Bulk Plants



### CLIENT : SAUDI ARAMCO

<b>Main Contractor</b>	ATCO
<b>Project Title</b>	115KV S/S @ Khurais
<b>Scope of Work</b>	▪ Installation of a Sub-Station

- Installation of 25MVA Transformers 115 / 34.5kV, Including oil filtration and filling of oil
- Installation of 29 Bay MV Switchgear
- Installation of Bus Duct between Transformer and MV Switchgear
- Installation of Indoor / Outdoor lighting with Poles
- Installation of LV / MV Switchgears with Terminations & Splicing
- Installation of UPS / Battery Chargers and Other Protection Panels





## ACCOMPLISHMENTS

CLIENT : SAUDI ELECTRICITY COMPANY - SEC

**Main Contractor** AREVA / Wahabah  
**Project Title** 230KV - 380KV Sub-Station Jubail  
**Scope of Work** ▪ Supply & Installation of Indoor / Outdoor Substation Lighting

- Supply, Installation, Testing & Commissioning of ATS panel, DC Emergency Panel & AC panels
- Installation of LV transformer
- Installation of Earthing system
- Installation of associated Cable Ladders, Cable Trays and Conduits
- Supply, Installation & Testing of indoor & outdoor lighting fixtures
- LV Terminations
- Supply, Installation & Testing of lighting poles & masts



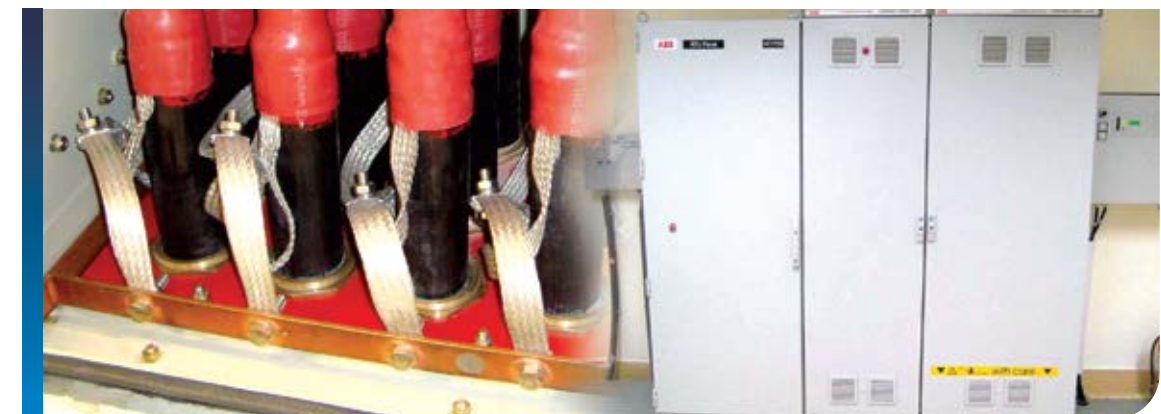
## ACCOMPLISHMENTS

CLIENT : SAUDI ELECTRICITY COMPANY - SEC

**Main Contractor** AREVA  
**Project Title** 110KV Sub-Station at STP Jeddah  
**Scope of Work** ▪ Civil & Electrical Works

Construction and Installation of the following:

- 110kV GIS & LCC Panel – 8 Bays + 3 Bay spaces: Installation of GIS + LCC, Cabling & Termination
- 13.8 kV Switchgear – 29 Bays + 22 Bay spaces: Installation, Cabling & Termination.
- 50/67 MVA 110/13.8kV Power Transformer Installation, associated cabling works ,Relay & Protection Installation.
- MV & LV Cable Laying and Terminations.
- Site preparation / Earth work.
- Substation Building.
- Internal Roads and Asphalt Yards.
- Perimeter Fence.
- Earthing /Grounding System.
- Transformers Foundation including Firewall.
- Capacitor/Reactor/GIS foundations.
- Cable Duct banks & Trenches.
- Electrical Works (Small Power)
- Fire Alarm System





# ACCOMPLISHMENTS

## CLIENT : TASNEE-ROWAD NATIONAL PLASTICS

<b>Main Contractor</b>	Utilities & Industrial Power Services
<b>Project Title</b>	32MW Power House
<b>Scope of Work</b>	▪ Installation of a Power Facility of 32MW

Design, Supply, Installation, Testing & commissioning of 18containerized Generator of 1.8MW each.

- Design, Supply, Installation, Testing & commissioning of Manual Transfer Switch.
- Design, Supply, Installation, Testing & commissioning of 13.8KV Switchgear.
- Design, Supply, Installation & Testing of Fuel Tanks of 75000 liters (4) & 4000 liters (18) capacity.
- Design, Supply & Installation of Fuel System & Piping system.
- Design, Supply, Installation, Meggering & Termination of LV / MV Cables.
- Design, Supply, Installation, Testing & commissioning of Synchronization System using ComAp controllers.
- Operational & Maintenance Training.
- Design, Supply, Installation, Testing & commissioning of MDB panels along with capacitor banks & harmonic filters.



# ACCOMPLISHMENTS

## CLIENT : SASREF

<b>Main Contractor</b>	Saudi Binladen Group
<b>Project Title</b>	Shutdown Project
<b>Scope of Work</b>	▪ Calibration of field instruments

## CLIENT : SABIC-SHARQ

<b>Main Contractor</b>	Utilities & Industrial Power Services
<b>Project Title</b>	Shutdown Project
<b>Scope of Work</b>	▪ Calibration of field instruments

- Removal & re-installation of level transmitters
- Disconnect & re-connect all electrical & instrument connection and amphyrol plug
- Removal of cable tray, brackets & accessories
- Re-installation of cable tray, brackets & accessories
- Cleaning of transmitters
- Wet Calibration of transmitters
- Dismantling of valves
- Cleaning of valves
- Re-installation of valves & its accessories
- Test Certificates
- Hand Over





## ACCOMPLISHMENTS

<b>Main Contractor</b>	GE-Bently / ATCO
<b>Project Title</b>	VMS & TMS Upgrade
<b>Scope of Work</b>	<ul style="list-style-type: none"> <li>▪ Upgradation of GE-Bently Nevada System</li> </ul>

- Dismantling of the existing Bently Nevada 3300 panels.
- Dismantling of the existing Bently Nevada 7200 panels.
- Installation of Bently Nevada LCD displays.
- Laying of the signal cables from the marshalling TB's to the 3500 System.
- Installation of Ethernet Switches.
- Supply & installation of redundant power cable for the new VMS cabinet.
- Installation of system-1.
- Supply & installation of CAT6 communication cable for the System-1.
- Meggering of the power cable
- Loop checks
- Upgradation of ILD's.
- SAT assistance
- As-Built.



## OTHER MAJOR PROJECTS

### Clients

- ❑ SAUDI ARAMCO - HAWIYAH GAS PLANT
- ❑ SABIC - SADAF
- ❑ SABIC - SHARQ
- ❑ SABIC - SAFCO
- ❑ SABIC - YANPET
- ❑ SABIC - PETRO KEMYA
- ❑ SABIC - KEMYA
- ❑ SABIC - AR RAZI
- ❑ SABIC - GAS
- ❑ SABIC - IBN SINA
- ❑ SABIC - AL BAYRONI

## JOINT VENTURES

UIPS LLC is also working in collaboration with well known companies from India (BHEL / TOSHIBA) and China (CMEC) to take up the projects on EPC basis in the field of:

- Manufacturing and Process Plants
- Power Plants
- Telecommunications
- Infrastructure

Together we are working as a leading international EPC contractor and service provider, we offer a full spectrum of turnkey solutions to our customers in the following

- Preliminary project consultation
- Financing solution management
- Project design
- Construction
- Procurement, logistics and equipment
- Testing & Commissioning
- Quality control and quality assurance

We are engaged in engineering contracting projects in water supply and treatment, building and construction.



Coupled with strong capability of UIPS and its local presence, with rich experience of executing complex SABIC and ARAMCO projects, CMEC and UIPS provide an ideal combination to handle Process Manufacturing Plants on EPC basis with financial assistance.



CREDENTIALS

VENDOR IDs

SAFETY AWARD



ISO Certificate



We are registered with the following major companies:

 10030326	 504293	 33171 & 06895	 104
 101234	 11453	 12436	 1651
 17992	 100735	 102565	 57485
 1407	 100470	 101432	

OUR EXPERTISE HOLDS  
ARAMCO / SABIC / SEC

- ❑ HV, MV Certified Electricians
- ❑ Work Permit Receiver
- ❑ Safety Inspectors
- ❑ QA/QC Inspector

Our Customers rely on our services.  
We honor their trust in us and deliver our best.  
We perform our activities in close interaction with them.  
We look towards building long lasting relationships.