



INNOVA HOLDING

“ We Build Trust “
2025



Our Project in 2025

1

E&I Work C3/C4 Storage Tanks at ARAMCO – KSA

2

E&I Work SRUs Upgrade Project at ARAMCO – KSA

3

EL-Salama Hospital New Burn Unit at Port Said -EGY

4

New ICSS DSC&ESD System-FERIAN Tanks at Sinia-EGY

5

Fire Alarm & Fire Ffigting system HALON- EGY

6

Assuit Hydrocracking Complex-ANOPC at Assuit -EGY

7

E&I Work ZOHR- Phase 3 at port said -EGY

8

GASCO Electrical & Instrumantion pipe , conduit fabrication -EGY





ARAMCO E&I C3/C4 Storage tanks at JNGLF (Oct , 2024 Oct , 2025)

ARAMCO E&I Upgrade SRUs project Rans Tanura Refinery(JUN , 2025)

Client : ARAMCO

Main Contractor :ENPPI-KSA

Manpower Supply for the activity

- **Cables laying**
- **Cables trays installation**
- **Steel fabrication**
- **Cables termination**







EL Salam Hospital - NEW BURN UNIT PROJECT, Port said, Egypt.



Client : Petrobel & ENI (Italy)

Main Contractor :Petrojet

- 1- UPS system**
- 2- Power distribution panels**
- 3- Low voltage power cables**
- 4- Cable Trays**
- 5- Lighting system**
- 6- Wiring devices & disconnect switches**
- 7- Earthing system**
- 8- Fire alarm system**
- 9- Integrated TV satellite ,Public address & Data systems**
- 10- CCTV system**
- 11- Nurse call & staff emergency system**
- 12- Access control system**





1 UPS System

Supply, installation, testing , commissioning and start up for UPS (Uninterruptible Power Supply) systems parallel 40 KVA 20 min backup which provide crucial, immediate back up power, bridging the gap between a main power failure and generator startup to keep life-support, diagnostic (MRI, X-ray), monitoring equipment, data servers , and lighting running, preventing data loss, protecting sensitive machinery from surges/sags, and ensuring continuous patient care and operations like surgery, functioning as a vital layer of defense for patient safety and hospital continuity





2 Power distribution panels

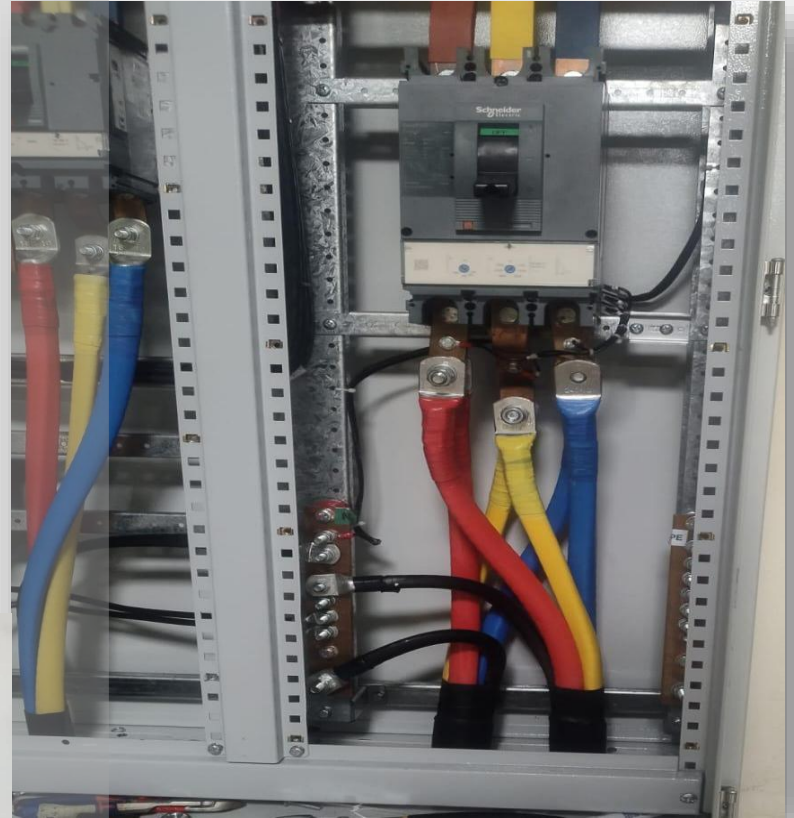
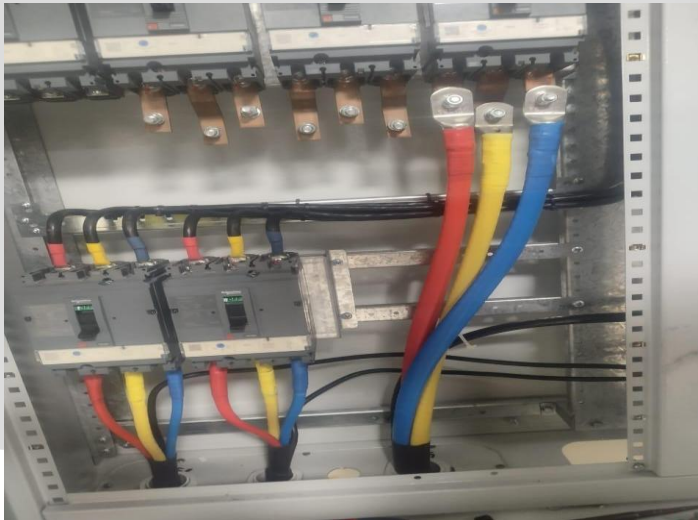
Supply, installation, testing , co mmissioning and start up for H ospital power distribution pane ls are critical systems that ens ure continuous, safe, and relia ble electricity for life-sustaining equipment, featuring redundan cy (like dual feeders/UPS), sp ecialized circuits (AC/DC), and strict regulations to power ever ything from operating rooms to IT servers, using [main switchboards](#) and subpanels for preci se energy management





3 Low voltage cable laying and termination

Furnish, supply, install test and Commission cable laid on cable tray or UP VC conduit and termination as per design, complete with all accessories, Multi-core XLPE/PVC Type Insulated (0.6/1KV), Copper conductors





4 Cable Trays

Supply, install specialized support systems for organizing and protecting critical power/ data cables





5 Lighting System

Supply, installation, testing , commissioning and start up for lighting system using varied, smart LED solutions with specific lux levels, color temperatures (CCT), and high Color Rendering Index (CRI) to balance clinical needs (bright, cool light for exams) with patient comfort (warm, dimmable light for rest)





6

Wiring devices & Disconnect Switches

Furnish , supply , install , test and Commission the in accordance with the specifications and local codes for personnel safety, equipment protection , and continuous, reliable power for critical life-support systems





7 Earthing System

Furnish , supply , install , test and Commission the in accordance with the specifications and local codes using rods/plates/meshes, and requiring constant testing for low resistance for complex , multi-layered networks ensuring patient/equipment safety via low-impedance paths, integrating main building grounds (foundation loops/meshes) with specific zones (ORs, ICUs) requiring isolated IT systems for uninterrupted power and sensitive device protection





8 Fire Alarm System

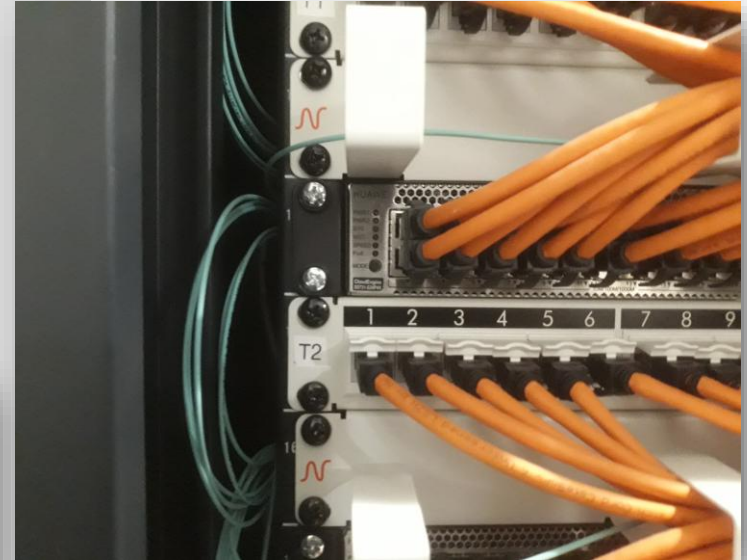
Furnish , supply , install , test and Commission the in accordance with the specifications and local codes for complex, integrated networks using advanced detectors (smoke, heat, CO) , [addressable panels](#), and [notification devices](#) (speakers, strobes) to provide early warning, control building systems (elevators, HVAC), and facilitate safe evacuation, especially for immobile patients





9 Integrated TV satellite , Public address & Data systems

Furnish , supply , install , test and Commission the in accordance with the specifications and local codes for utilizing a hospital internal IP network to deliver high-quality entertainment, interactive patient education, and seamless integration with critical hospital information system





10 CCTV System

Furnish , supply , install , test and C ommission the in accordance with t he specifications and local codes usin g high-resolution cameras for 24/7 su rveillance in public areas , parking lots, and restricted zones, e nhancing security, managing patient fl ow (like queues), protecting high-valu e assets (pharmacy), enabling remote critical patient monitoring (ICU), deter ring crime, and providing crucial evide nce for incidents, with features like th ermal imaging, motion detection, LPR , and remote access for improved saf ety, resource optimization, and compli ance, balancing security with patient privacy.





11 Nurse Call & Staff Emergency system

Furnish , supply , install , test and C ommission the in accordance with the specifications and local codes f or crucial communication platform l inking patients to caregivers, allowi ng patients to signal for help (basic needs, falls, emergencies) via bed/ bathroom buttons, while also enabli ng staff-to-staff alerts for critical sit uations (Code Blue, Code Red) thro ugh smart devices, IP-based syste ms, and [integrated software](#) to ens ure rapid, prioritized responses, imp rove patient safety (fall prevention), and boost staff efficiency in stressf ul environments, reducing burnout.





12 Access Control system

Furnish , supply , install , test and Commission the in accordance with the specifications and local codes to manage who enters secure areas and uses resources, combining physical (doors, keys, biometrics) and digital (EHR, data) security via integrated tech like key cards, biometrics (fingerprint, facial), and software to control zones (pharmacies, wards, data centers).





New ICSS System installation for scheduled shutdown for 10 live process Tanks



Client : Petrobel PTB

Main Contractor : Enppi

Mechanical works

- Steel fabrication
- Pipe fabrication
- Welding
- Pipe demolish and erection
- Hot tapping
- Cold cutting
- ESD valves erection
- Non-Destructive Examination (NDT) RT,PT&MT
- Hydrotest
- Steel structure erection
- Pipe support fabrication and erection
- Sand blast and Painting

Civil Works

- Basement foundation
- Concert casting
- Excavation & backfill Work



Civil Works

Excavation & backfill
Foundation work
Concrete casting





Mechanical Works

Pipe Fabrication

Cutting, bending, beveling, and welding pipes and components (like elbows, flanges, tees and fit-up from 2" to 42" into custom systems for transporting fluids





Mechanical Works

Steel Fabrication

For walk ways , ESD valve steel structures and stiles





Mechanical Works

Welding

CS Pipe butt weld 2" to 42" SMA
W 5G & 6G





Mechanical Works

Pipe Demolish and Erection

Erection of flanged and golden weld pi





Mechanical Works

ESD Valve Erection





Mechanical Works

Hot Tapping

Specialized procedure to safely make a new connection or modification to a live, pressurized pipeline or vessel without shutting it down 4" TO 12"





Mechanical Works

Cold Cut

Modern cold cutting technology enables the precise cutting of pipes ranging from under 1 inch to over 48 inches in diameter, with the capability to handle various weld joint bevels. Unlike torch cutting and grinding,





Mechanical Works

Welding Inspection

Ensures weld integrity for safety and function, involving visual checks (bead profile, fit-up), dimensional checks (height, misalignment), and advanced Non-Destructive Testing (NDT) like Ultrasonic Testing (UT) and Radiography (X-ray) RT, PT&MT to find internal flaws (cracks, slag)

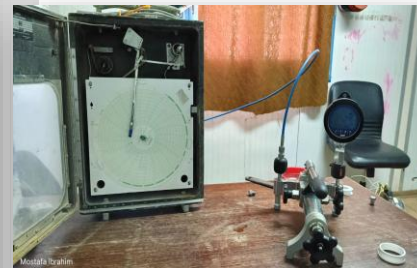
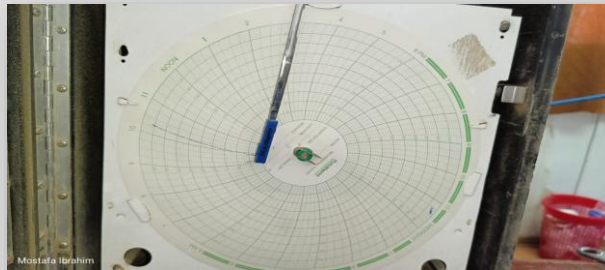




Mechanical Works

Hydro-Test

Crucial procedure to check a pipeline's strength and leak-tightness by filling it with water, pressurizing it beyond normal operating pressure, and holding it to detect any leaks or structural weaknesses





Mechanical Works

Steel Structure Erection

Assembling steel components into a structural frame on-site, forming the bridges, and other structures. It involves lifting, positioning, and connecting beams, columns, and other members, primarily through bolting or welding





Mechanical Works

Pipe Support Fabrication and erection

Specialized steel/metal components (fabrication) off-site and then installing/erecting them on-site (erection) to hold, guide, and secure industrial piping systems





Mechanical Works

Sand Blast and Painting

Sandblasting is a crucial surface preparation step that uses abrasive media (sand) propelled at high speed to strip rust then painting operation involves a systematic process of planning, surface preparation (cleaning, masking), paint application (spraying, rolling, brushing), curing, and inspection



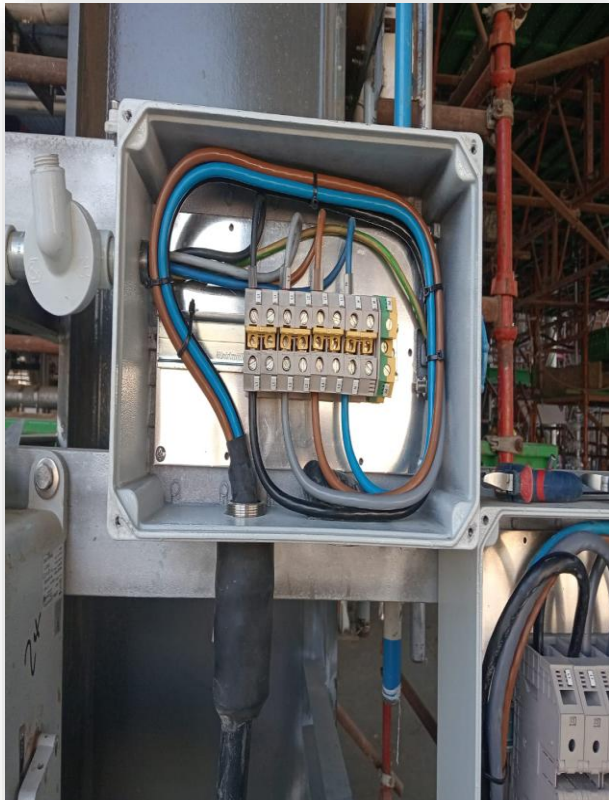


Assiut Hydrocracking Complex ANOPC Project



Client : ANOPC Main Contractor :TECHNIP Contractor : Petroject

Electrical and Instrumentation cable glanding and termination

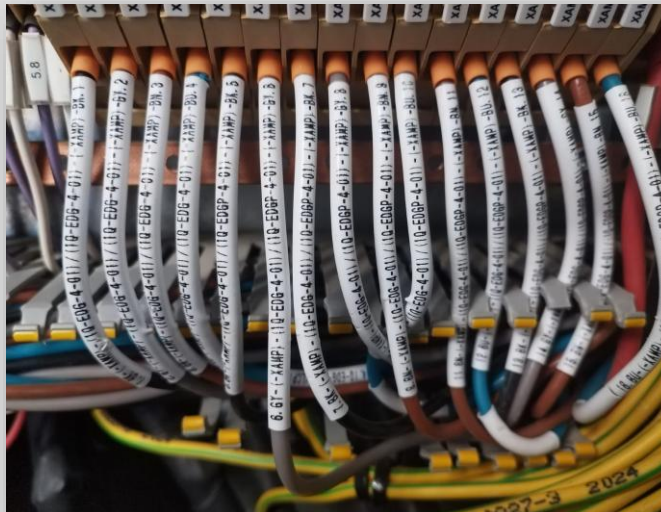




Electrical and Instrumentation cable glanding and termination

Cable glanding & Termination

Implementation of preparing and connecting the end of a cable to a device, connector, or another cable, creating a safe, reliable, and continuous electrical path for power or signals, while also protecting the connection from environmental damage





ZOHR E&I Phase- III



Client : PETRBIL....

Main Contractor : PTJ...

1- Special cable termination 33KV and testing for Gas Insulated Switchgear (GIS)

**2- Electrical and Instrumentation cable laying
1200000km**

3- Oil filling and filtration for power transformers

4- E&I Commissioning and Operation





1 Special cable termination 33KV

Connection and plug-in for socket type 3 connex termination kit for 33KV Gas Insulated Switchgear (GIS)





3 Oil filling and filtration for power transformers

A crucial maintenance process to remove contaminants (moisture, gases, particles, acids) from insulating oil, restoring its dielectric strength, cooling ability, and extending the transformer's life, ensuring reliable power transmission by reconditioning degraded

oil to meet standards. This involves connecting a specialized filtration system to pump oil out, purify it (using vacuum, heating, fine filters, adsorbents), and then pump clean oil back in, preventing costly breakdowns and improving efficiency





4 E&I Commissioning and Operation

Activity of implementation of final verification, testing, and subsequent ongoing management of a facility's Electrical and Instrumentation systems. This critical phase bridges the gap between construction and normal production, ensuring the plant is safe, reliable, and functions according to its design specifications.



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Thanks

