

OPERATION & MAINTENANCE WORK

Udupi Cochin Shipyard Limited (2022–2024)

Operation and maintenance of UCSL facilities,

- 11KV/415V substations, transformers, main switchboards, HT cubicles, EOT cranes (various capacities), DG sets, blasting chambers (with associated equipment like dust collectors, air dehumidifiers, and air compressors), and welding machines (ARC, TIG, MIG, CO2).

NTECL Limited, Chennai (2018–2019)

Annual maintenance of CHP electrical systems, including HT/LT panels, VFD panels, motors, battery banks, preventive maintenance switches, and standby generators.

NTPC Limited, Kayamkulam (2015–2019)

Rate contract for electrical maintenance at NTPC Kayamkulam, including HT/LT transformers, panels, battery banks, cranes, bus ducts, motors, and breakers.

Vikram Sarabhai Space Centre (ISRO) (2013–2018)

1. **Substations:** Operation and maintenance of HT/EHT substations, preventive maintenance of batteries, end termination of 11 KV cables, and maintenance of XLPE cables.
2. **Electrical Installations:** Maintenance of electrical installations, including light fittings, fans, SFUs, MCBs, MCCBs, motor rewinding, panel maintenance, and AHU/AC plants.
3. **110KV Substation Operation:** Substation operation and parameter monitoring at TERLS, VSSC.
4. **RFF and PFC Area:** Electrical wiring, lighting, earthing, and installation of switches and sockets.
5. **VRC Substations and DG Sets:** Operation of DG sets, maintenance of 11KV/433V transformers, HT/LT circuit breakers, and attending to breakdowns.

Mangalore Refinery and Petrochemicals Ltd (MRPL) (2008–2017)

1. **Operation:** Twelve years (2012–24) in operating the 110KV switchyard at Jokkatte, substation 31, desalination plant, and surveillance of the 110KV U/G cable.

2. **Construction Power System:** Operation and maintenance of construction power systems and project electrical safety services.

3. **Miscellaneous Electrical Works:** Ten years (2008–17) in miscellaneous electrical work contracts within refinery premises and other MRPL sites, including cable work, termination, lighting fixture installation, aviation light fixtures, panel installations, CAT-5/CAT-6 cable laying, cable tray installation, base frame fabrication, sand and jelly supply, and lightning arrestor installation.

4. **Preventive Maintenance:** Seven years (2011–18) in preventive maintenance of transformers, bus ducts, HT/LT switchgears, lighting DBs, DCDBs, MCCs, and PMCC panels.

5. **CPP Substation:** Three years (2017–20) operating CPP 1 & 2 substations.

Bankers Institute of Rural Development (BIRD) (2014–2016)

Operation and maintenance of electrical installations, water pumps, and diesel generators at the BIRD campus, Mangalore.

Hindustan Petroleum Corporation Ltd, Mangalore Terminal (2007–2015)

Maintenance of PCC and MCC panels, transformers, various electrical panels, lighting, and EPABX systems.

Hindustan Petroleum Corporation Ltd, R&D Terminal, Bangalore (2013–2015)

Periodic maintenance, repairs, and installation of electrical fixtures, panels, DG sets, transformers, and switchyards.

Military Engineer Services (MES) (2013–2014)

Manning, operation, and day-to-day maintenance of internal/external water supply and electrification network in Mangalore.

HAL Bangalore (2012–2013)

Maintenance of HT/LT electrical installations and AC operation at HAL corporate office.

KISCO (2012–2013)

Operation and maintenance of electrical and instrumentation systems for a 350 M3 blast furnace, stoves, stock house, PCM cranes, 6.6 KV HT switchgear, 4.2 MW blower, material handling system, and cooling water system.

BASF (2011–2012)

Operation and maintenance of utilities including chilled water unit, DM water unit, 250 KVA DG set, thermic fluid unit, TF circulation pump, TF heating unit, and chimney.

LANCO Infratech Limited – UPCL (2009–2011)

Annual operation and maintenance of electrical equipment and DG sets up to 500 KVA.

Operation and maintenance of substations, electrical distribution systems, and DG sets.

M/s SJK Steel Plant Ltd (2008–2009)

Operation and maintenance of electrical and instrumentation systems for blast furnace equipment, 132KV substation, stoves, stock house, LRS, PCM cranes up to 130 tons, 6.6 KV HT switchgear, 4.2 MW blower, material handling system, cooling water system, PLC systems, remote I/O panels, weighing systems, process computer systems, CCTV, and EPABX.

M/s. Petronet MHB Limited (2002–2005)

Service contract for operations and maintenance of PMHBL – Hassan Pump Station.