



NAHR AL NEEL

ELECTROMECHANICAL CONT LLC

نهر النيل


للمقاولات الكهروميكانيكية ذ.م.م

**PROJECTS
PORTFOLIO**

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The background image shows a person in a dark suit holding a tablet. The tablet screen displays a 3D architectural rendering of a modern building with a glass facade and a central tower. The person's hand is visible, interacting with the screen. The background is a blurred cityscape with various buildings and structures, suggesting an urban environment. The entire image has a blue tint.

Digital Infrastructure & Smart Systems



SHARJAH DIGITAL DEPARTMENT – SMART INFRASTRUCTURE IMPLEMENTATION

Client : Sharjah Digital Department

Consultant : Arcode Engineering

Location : Industrial Area 18, Sharjah

Scope of Work :

- » CCTV Surveillance Deployment.
- » Structured Cabling For IT And Telecom.
- » Server Room And Enterprise-Grade Wi-Fi Installation.
- » KNX Automation Integration And Smart Lighting Controls.
- » Fire Alarm And Emergency Lighting System Implementation.
- » Electrical Wiring And Power Distribution Works.
- » Air Conditioning Installation And Related Works.





SHARJAH DIGITAL DEPARTMENT – SMART INFRASTRUCTURE IMPLEMENTATION





SHARJAH LIBRARY – CULTURAL FACILITY UPGRADE



Client : Government of Sharjah

Consultant : Internal Consultant

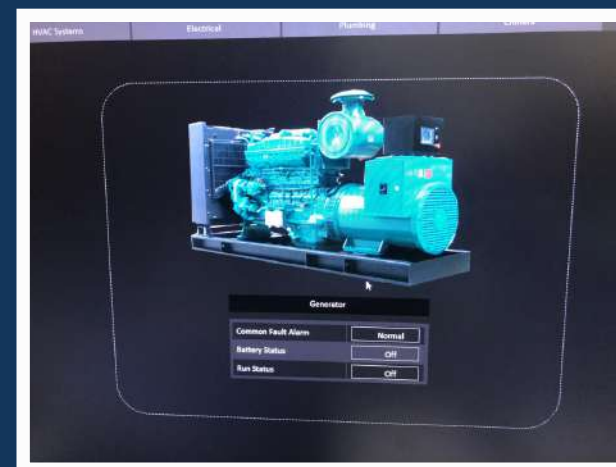
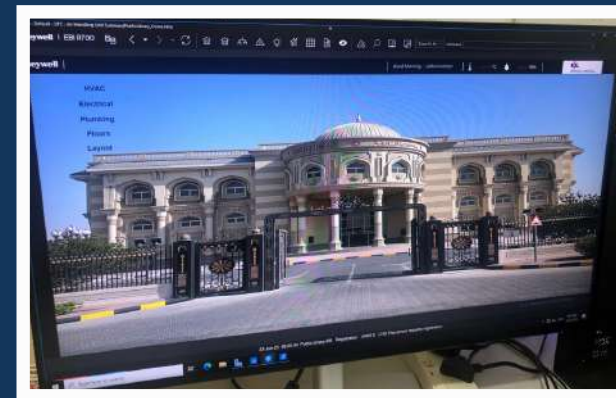
Location : Cultural Square, Halwan, Sharjah

Scope of Work :

- » Upgrade of emergency lighting systems.
- » Fire alarm system inspection and optimization.
- » Testing and servicing of fire fighting systems.
- » Lighting maintenance across library premises.
- » BMS reinnovation.



SHARJAH LIBRARY – CULTURAL FACILITY UPGRADE





Government Buildings & Public Facilities

FORENSIC LABORATORY

Client : Government of Sharjah

Consultant : Directorate of Public Works

Location : Al Rifa, Sharjah

Scope of Work :

- » Full electrical and plumbing infrastructure for five key buildings : Management Office, Laboratoy, Mortuary, Mosque, and Security Office.
- » Design and installation of integrated surveillance (CCTV) and structured cabling system.
- » Compliant with forensic and public safety requirements.
- » SEWA coordination and energization for dual 1500KVA transformers.





AL KHAN STATION



Client : Government of Sharjah

Consultant : Directorate of Public Works

Location : Al Khan, Sharjah

Scope of Work :

- » Upgrading the electrical distribution network supporting Sharjah TV broadcasting.
- » Load balancing, surge protection, and cabling retrofit.
- » Operational continuity guaranteed during the live upgrade.



JUBAIL BUS STATION

Client : Sharjah Roads and Transport Authority (RTA)

Consultant : Government of Sharjah

Location : Al Jubail, Sharjah

Scope of Work :

- » Complete electrical infrastructure for a rest area and control cabinet.
- » Designed for continuous transit operation with zero disruption.
- » Installation of dedicated power feeders and control gear.





ADMINISTRATION BUILDING – AL BATAEH GARAGE



Client : Sharjah Government

Consultant : Directorate of Public Works

Location : Al Batayeh, Sharjah

Scope of Work :

- » Electrical installation for office and administrative support to the All Municipality Garage.
- » LV distribution panels, lighting systems, and earthing protection.
- » Ensured regulatory compliance and optimal efficiency.



400 VILLAS ELECTRICAL SYSTEM MAINTENANCE

Client : Directorate of Housing, Government of Sharjah

Consultant : Internal MOEI Review

Location : Al Madam, Sharjah

Scope of Work :

- » Inspection, diagnostics, and complete maintenance of electrical systems for 400 government residential units.
- » Fault identification, cable testing, and panel upgrades.
- » SEWA compliance and energy efficiency enhancement.



A photograph of a modern, multi-story educational building with a white facade and large glass windows. The building is situated behind a paved plaza and some greenery. The sky is blue with some clouds. The text "Educational Institutions" is overlaid in white on the image.

Educational Institutions



ELECTRICAL SYSTEM UPGRADES – SCHOOLS ACROSS SHARJAH

Client : Ministry of Education

Consultant : Juma Al Majid / Ramada General Contracting

Location : Taryem, Al Manar, Rabaa Al, Khawla Bint Tha'labah,
and 30 additional schools

Scope of Work :

- » Replacement of LV panels ranging from 800A to 2500A.
- » Modernization of electrical systems and switchgear components.
- » Installation of surge protection, isolators, and safety relays.
- » Executed with minimal disruption to academic operations.
- » Upgrades implemented in alignment with Ministry of Education safety and power guidelines.





Civil Defence Stations



CIVIL DEFENCE STATIONS – ELECTRICAL SYSTEM UPGRADES

Client : Ministry of Interior

Consultant : Secure Engineering LLC

Location : Dubai (Al Karama, Al Satwa, Al Quoz),
Sharjah (Muwaileh, Al Hamriya)

Scope of Work :

- » Replaced outdated main switchgear systems with modern high-capacity units across all stations.
- » Integrated redundancy and auto-transfer switch (ATS) systems to ensure uninterrupted emergency operations.
- » Installed safety relays, surge protection, fault indicators, and load shedding circuits.
- » Reinforced main distribution boards with enhanced busbars and interlocking safety mechanisms.
- » Conducted commissioning under Civil Defence supervision without disrupting ongoing services.





Hospitals & Medical Facilities



DAMAS HOSPITAL – ELECTRICAL SYSTEM RENOVATION



Client : Damas Hospital

Consultant : Al Ahlia Real Estate Co. LLC

Location : Sharjah – Al Majaz

Scope of Work :

- » Complete overhaul of internal electrical infrastructure.
- » Installed new main distribution boards, lighting systems, and power cabling.
- » Executed without disrupting daily hospital operations.
- » Compliance with medical safety codes and hygiene control.



AL ZAHRA HOSPITAL – TRANSFORMER AND LV SYSTEMS UPGRADE

Client : Al Zahra Hospital

Consultant : In-house Engineering

Location : Al-Ghuwair, Sharjah

Scope of Work :

- » Replaced 4x1500 KVA transformers with SEWA coordination.
- » Upgraded RMUs, LV panels, capacitor banks, and ATS.
- » Installed protection relays and monitoring systems.
- » Safety-tested under load conditions to meet hospital demands.





EMIRATES EUROPEAN HOSPITAL (G+5) – ELECTRICAL INFRASTRUCTURE



Client : Emirates European Hospital

Consultant : Sama Al Khaleej

Location : Al Qulaya'ah, Sharjah

Scope of Work :

- » Designed and executed full-scale electrical works for all floors.
- » Installed emergency power systems, lighting, and surge protection.
- » Complied with DHA/SEWA/Healthcare technical specifications.



EMIRATES INTERNATIONAL HOSPITAL (G+1) – ELECTRICAL SYSTEM SETUP

Client : Emirates International Hospital

Consultant : In-house

Location : Al Rifa'ah, Sharjah

Scope of Work :

- » Hospital-specific electrical design and installation.
- » Integrated HVAC, lighting, and medical equipment circuits.
- » Emergency power and BMS-ready provisions included.





NMC HOSPITAL – ELECTRICAL INFRASTRUCTURE DEVELOPMENT



Client : NMC Specialty Hospital Company (L.L.C)

Consultant : Internal Engineering

Location : AL Majaz-3, Sharjah

Scope of Work :

- » Hospital-wide electrical installation across three floors.
- » Life-support circuit isolation, grounding loops, and transformer protection.
- » Generator interface and uninterrupted power supply integration.



Residential & Mixed-Use Towers



SWITCHGEAR REPLACEMENT – BUILDING NO. 65

Client : DREC / H.H Sheikh Ahmed Bin Rashid
Al Maktoum

Consultant : Al-Arabia Group Of Juma Al Majid

Location : Al-Muraqabat, Dubai

Scope of Work :

- » Dismantling of existing switchgear system.
- » Supply and installation of 3 x 1600A switchgear units.
- » Testing and commissioning of upgraded electrical distribution.
- » Enhancement of safety and reliability for G+8 residential building.





SWITCHGEAR REPLACEMENT – BUILDING NO. 68



Client : DREC / H.H Sheikh Ahmed Bin Rashid
Al Maktoum

Consultant : Al-Arabia Group Of Juma Al Majid

Location : Al-Muraqabat, Dubai

Scope of Work :

- » Dismantling of existing switchgear system.
- » Supply and installation of 2 x 1600A switchgear units.
- » Testing and commissioning of upgraded electrical distribution.
- » Enhancement of safety and reliability for G+8 residential building.



SWITCHGEAR REPLACEMENT

Client : Juma Al Majid Holding Group

Consultant : Al Arabia for Operations & Maintenance

Location : Al-Rashidiya, Dubai

Scope of Work :

- » Dismantling of existing switchgear system.
- » Supply and installation of new switchgear units.
- » Testing, commissioning, and system optimization.
- » Enhancement of electrical reliability and safety for the head office.





SWITCHGEAR REPLACEMENT – SHELL BUILDING



Client : H.H Sheikh Ahmed Bin Rashid Al Maktoum

Consultant : Al-Arabia / DREC

Location : Bur Dubai, Dubai

Scope of Work :

- » Complete dismantling of existing switchgear system.
- » Supply and installation of new switchgear units for B+G+4 building.
- » Testing, commissioning, and performance verification.
- » Enhancement of electrical safety, reliability, and system efficiency.



NEW SUBSTATION & SWITCHGEAR UPGRADE

Client : Gulf Trading & Refrigerating Co L.L.C

Consultant : Al-Arabia / DREC

Location : Al Karama, Dubai

Scope of Work :

- » Construction of a new substation for warehouse and office complex.
- » Installation of new transformer and complete switchgear replacement.
- » Testing, commissioning, and system integration.
- » Enhancement of electrical reliability, safety, and operational efficiency.





ELECTRICAL WORKS – RESTAURANT



Client : IDEA AND ART DECORATION

Consultant : IDEA AND ART DECORATION

Location : Business Bay, Dubai

Scope of Work :

- »Renovation of existing electrical system for restaurant.
- »Supply and installation of new wiring, panels, and lighting.
- »Testing and commissioning of upgraded electrical infrastructure.
- »Ensuring compliance with safety and operational standards.



ELECTRICAL WORKS – OSD COFFEE SHOP

Client : IDEA AND ART DECORATION

Consultant : IDEA AND ART DECORATION

Location : Silicon Oasis, Dubai

Scope of Work :

- » Electrical installation for backyard area of OSD Coffee Shop.
- » Supply and setup of lighting, wiring, and power outlets.
- » Testing and commissioning of electrical systems.
- » Ensuring safety, reliability, and compliance with standards.





ELECTRICAL WORKS TEXAS CHICKEN OUTLET



Client : IDEA AND ART DECORATION

Consultant : IDEA AND ART DECORATION

Location : Outlet Mall, Dubai

Scope of Work :

- »Renovation and upgrade of existing electrical system.
- »Installation of wiring, lighting, and power distribution.
- »Testing and commissioning of all electrical components.
- »Ensuring safety, reliability, and compliance with standards.



VILLA – ELECTRICAL & PLUMBING

Client : Naj Contracting

Consultant : Naj Contracting

Location : Al Wasl, Dubai

Scope of Work :

- » Electrical installation for recycling plant infrastructure.
- » Supply and setup of panels, wiring, and power distribution.
- » Testing, commissioning, and system verification.
- » Ensuring operational safety, efficiency, and compliance with standards.





CCTV INSTALLATION



Client : Al Misk Properties

Consultant : Al Misk Properties

Location : Jumeirah, Dubai

Scope of Work :

- » Supply and installation of complete CCTV surveillance system.
- » Integration of cameras, recording units, and monitoring stations.
- » Testing, commissioning, and system configuration.
- » Ensuring security, reliability, and compliance with standards.



BUILDING – G+3+R

Client : Bait Al Yaz

Consultant : Bait Al Yaz

Location : Al Bada, Dubai

Scope of Work :

- » Construction of a new building (G+3+R).
- » Complete electrical system installation and wiring.
- » Testing, commissioning, and system verification.
- » Ensuring operational safety, efficiency, and compliance with standards.





ELECTRICAL POWER SETUP 4 BAY FACILITY



Client : Emirates General Transport

Consultant : Emirates General Transport

Location : Warsan, Dubai

Scope of Work :

- » Assessment and installation of electrical power systems for 4-bay facility.
- » Supply and setup of panels, wiring, and distribution boards.
- » Testing, commissioning, and verification of power systems.
- » Ensuring reliable operation and compliance with safety standards.



EV CHARGING STATION INSTALLATION

Client : Emirates General Transport

Consultant : Emirates General Transport

Location : Garhoud, Dubai

Scope of Work :

- » Supply and installation of EV charging station infrastructure.
- » Electrical connections, panels, and power distribution setup.
- » Testing, commissioning, and system verification.
- » Ensuring safe, reliable, and efficient operation of charging facility.





OFFICE & WORKSHOP POWER CONNECTIONS



Client : Emirates General Transport

Consultant : Emirates General Transport

Location : Garhoud, Dubai

Scope of Work :

- » Installation of power socket connections for office workshop in Block D and Dubai Branch Building.
- » Wiring, panel connections, and distribution setup.
- » Testing, commissioning, and operational verification.
- » Ensuring electrical safety, reliability, and compliance with standards.



CHILLER ROOF CABLE REARRANGEMENT

Client : Emirates General Transport

Consultant : Emirates General Transport

Location : Al Quoz, Dubai

Scope of Work :

- » Rearrangement of electrical cables for Chiller-01 and Chiller-02 at roof level.
- » Inspection and organization of existing cable networks.
- » Testing and verification of electrical connections
- » Ensuring operational efficiency, safety, and compliance with standards.





CHILLER & LV RM CABLE REARRANGEMENT



Client : Emirates General Transport

Consultant : Emirates General Transport

Location : Al Quoz, Dubai

Scope of Work :

- »Rearrangement of electrical cables for Chiller 01 and Chiller-02 at roof level.
- »Electrical modifications and organization in LV RM (Low Voltage Room).
- »Testing and verification of all electrical connections.
- »Ensuring safety, reliability, and operational efficiency of the system.



CONSTRUCTION OF W.C. – HEAD OFFICE

Client : Emirates General Transport

Consultant : Emirates General Transport

Location : Garhoud, Dubai

Scope of Work :

- » Construction of Female and Male W.C. at Head Office Block A, Ground Floor.
- » Installation of plumbing, piping, and sanitary fixtures.
- » Testing, commissioning, and functional verification of systems.
- » Ensuring compliance with safety, hygiene, and operational standards.





AC MAINTENANCE & W.C. CONSTRUCTION



Client : Emirates General Transport

Consultant : Emirates General Transport

Location : Garhoud, Dubai

Scope of Work :

- » AC maintenance and servicing for Head Office Block A.
- » Construction of Female and Male W.C. on Ground Floor and First Floor.
- » Installation, testing, and commissioning of plumbing and HVAC systems.
- » Ensuring operational efficiency, safety, and compliance with standards.



EV CHARGING INSTALLATION

Client : NEV Enterprise Trading LLC

Consultant : NEV Enterprise Trading LLC

Location : Business Bay, Dubai

Scope of Work :

- » Supply and installation of EV car charging stations.
- » Electrical connections, panels, and power distribution setup.
- » Testing, commissioning, and verification of charging systems.
- » Ensuring safe, reliable, and efficient operation of EV charging facility.





FIRE SYSTEM MODIFICATION



Client : ARCODE INTERIOR DECORATION LLC

Consultant : ARCODE INTERIOR DECORATION LLC

Location : Garhoud, Dubai

Scope of Work :

- » Modification of fire alarm and firefighting systems as per approved drawings.
- » Supply and installation of necessary fire safety equipment.
- » Testing, commissioning, and verification of fire protection systems.
- » Ensuring compliance with safety standards and operational reliability.



ADDITIONAL ROOM CONSTRUCTION

Client : Obaid Al Abdi Contracting LLC

Consultant : Obaid Al Abdi Contracting LLC

Location : Al Qouz, Dubai

Scope of Work :

- » Construction of proposed additional room.
- » Electrical wiring, lighting, and power outlet installation.
- » Testing and commissioning of electrical systems
- » Ensuring compliance with safety, reliability, and operational standards.





G+6P+25 RESIDENTIAL TOWER



Client : Mohamed Ameen Ahmed

Consultant : Internal Consultant

Location : Al Majaz, Sharjah

Scope of Work :

- » Full electrical system from basement to rooftop.
- » Load-balancing transformer integration.
- » Backup generator and ATS for power resilience.
- » Coordinated inspection and authority approvals.



G+5P+15 RESIDENTIAL BUILDING

Client : Ghaleb Al Sarraj

Consultant : Sharjah Engineering Consultant

Location : Al Khan, Sharjah

Scope of Work :

- » Designed and implemented power systems for 1st floors.
- » Parking-level ventilation, lighting, and safety systems.
- » Energy-efficient layout with modern panel boards.





G+5P+HC+14 TOWER



Client : Manar Al Khaleej Holding

Consultant : In-house

Location : Al Khan, Sharjah

Scope of Work :

- » High-rise infrastructure for residential and healthcare use.
- » Installed hospital-grade wiring and circuit protection.
- » Compliant with SEWA and Sharjah municipality standards.



HIGH VOLTAGE PANEL REPLACEMENT – AL NAHDA TOWERS

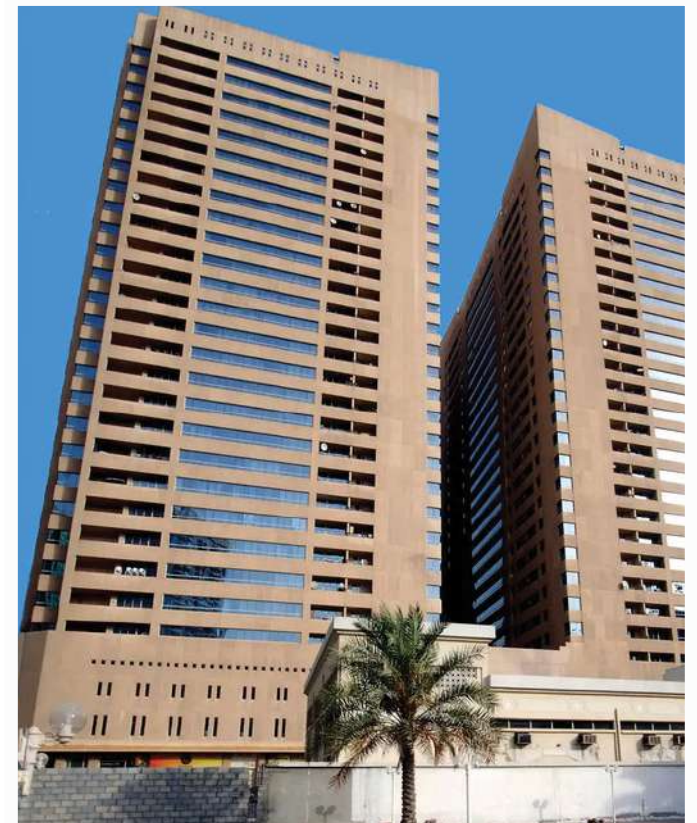
Client : Juma Al Majid Holding Group

Consultant : In-house

Location : Al Nahda, Sharjah

Scope of Work :

- » Replacement of 11KV high voltage panels for towers.
- » Safe transition without tenant service interruption.
- » Commissioning and interface to existing infrastructure.





SHARJAH GRAND HOTEL – 11KV PANEL UPGRADE



Client : Juma Al Majid Holding Group

Consultant : SEWA

Location : Khalidia, Sharjah

Scope of Work :

- » Replacement of high voltage distribution panels.
- » Executed in active hospitality environment with full protection protocols.

A blue-tinted photograph of a complex industrial facility, likely a refinery or chemical plant. The image shows multiple levels of metal walkways, railings, and a dense network of pipes and structural beams. In the background, there are tall distillation columns and other industrial structures under a clear sky. The overall scene is industrial and technical.

Commercial & Industrial Projects



RECYCLING PLANT FACTORY

Client : Ducon Industries FZCO

Consultant : Tilal Al Wadi Contracting

Location : Jebel Ali, Dubai

Scope of Work :

- » Electrical and plumbing installation for villa (B+G+1).
- » Supply and setup of wiring, panels, and plumbing systems.
- » Testing, commissioning, and quality verification.
- » Ensuring compliance with safety, reliability, and operational standards.
- » CCTV Surveillance Deployment.
- » Structured Cabling For IT And Telecom.
- » Server Room.





AMERICAN UNIVERSITY OF SHARJAH – TRANSFORMER ADDITION

Client : AUS

Consultant : T.A.B Technical Services .LLC.

Location : University City, Sharjah

Scope of Work :

- » Added 1500KVA transformer to main campus.
- » Integrated into existing distribution with no power downtime.
- » Certified testing and protection relay calibration.





BE'AA FACTORY EXPANSION – SAJJA INDUSTRIAL AREA

Client : Sharjah Government

Consultant : Be'aa Factory Engineering

Location : Sajja, Sharjah

Scope of Work :

- » Designed and implemented power for expanded factory.
- » Covered closed and open shed systems.
- » Coordination with industrial equipment and automation teams.





NESTO HYPERMARKET – AL MAJAZ

Client : NESTO

Consultant : SS Holding LLC

Location : Al Majaz 3, Sharjah

Scope of Work :

» Full electrical systems for G+I retail plus 2-level parking.

» Emergency systems, transformer connection, and tenant lighting layouts.

» Load management and energy-efficient lighting controls.





SHARJAH POLICE AIR WING – INFRASTRUCTURE RENOVATION

Client : Ministry of Interior

Consultant : Express Facility Management

Location : Sharjah

Scope of Work :

- » Transformer upgrade and SEWA coordination.
- » Airbase electrical, lighting, and helipad interface upgrades.





JUMA AL MAJID HOLDING – HEAD OFFICE SWITCHGEAR UPGRADE



Client : Juma Al Majid Holding Group

Consultant : In-house

Location : Al-Rashidiya, Dubai

Scope of Work :

- » Switchgear replacement in live corporate environment.
- » Advanced relays, isolators, and remote power monitoring systems.
- » Minimal operational disruption.



THANK YOU ...

Contact us



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