

Welcome to Nucleous Engineering Solutions.....An ISO 9001:2015 Certified Company

Nucleous General Trading LLC, is a Limited Liability Company established in 2007 with an paid up capital of Aed 300,000 located in the Emirate of Dubai, United Arab Emirates, principally conducting value added reselling/trading of engineering technologies, services & products in the field of Infrastructure primarily in the UAE and the surrounding Gulf Countries. The office is located in Dubai #502, 5th Floor Clover Bay Tower, Burj Khalifa street, Business Bay, with warehouse in Al Quoz.

The company has a subsidiary named Code & Cloud Technologies FZCo for Software/IT / Cloud Computing solutions registered in Sharjah.

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The Management

The Company is steered and run by young professional under the directives and leadership of Mr. Mansoor Ibrahim B.M, who is the Managing Director and decision maker in the company. The Company is run with high professionalism and fair policies within and outside the company with the sole purpose of long term business & sustained growth.

All praises to "The Creator", today Nucleous stands firm as an fast growing, very promising professionally managed SME, providing innovative solutions & branded products in collaboration with reputed Manufacturer's and Specialists Business Partners, with reliable and proven solutions in Water Management & Infrastructure projects.

About the Managing Director

Passing out from the prestigious & elite "Karnataka Regional Engineering College, Surathkal-India" (currently NITK) as a mechanical engineer in the year 1997, Mr Mansoor Ibrahim started his career with the campus selection to serve under Chief General Manager-Sales of Bharat Earth Movers Limited-Bangalore, a Public Sector Govt of India Enterprise, manufacturing Earth Moving Machineries in collaboration with Komatsu. He then moved out to UAE to serve in the prestigious Dutco Group of Companies and subsequently in the prestigious Abunayyan Group before he joined NGT in 2009 taking the helm of the infant SME.

Creativity, Innovation & versatility blend with professionalism and ethics are the core qualities of the MD imparted into the Company, which has made Nucleous to steer through the financial crisis and has roped in major global brands in the business of water management & environmental solutions.

The Financials:

We are proud to be partnered with Mashreq Bank, RAK Bank & FIMBank who provide us financial solutions to our projects vide the incoming letter of credits as per UCP 600 and transferable LC's in import currency, through which we manage our imports.

As much as we faced the brunt of the financial crisis since the start of the company saw the advent of the financial crisis, that much has our diversification, versatility grown in terms of specialization and solutions to our valuable clients which include Govt Organisation to High Profile Clients that brought us revenues upto 30% of our turnover.

Corporate Values & Policies

We hold an annual general meeting for strategy & planning with sales target for the new financial year. In our committed values include in-house and on job training of our staffs imparting knowledge, productivity and value to their work. A fair & equal norms to all including strong persistence on ethics, morality and productivity. A friendly cordial respectful and easy working environment with straight access to the top management has been made available by the Company and contributed by all the team members.

A monthly sales meetings coupled with progress meetings are part of our performance review and appraisal.

We do not make any mistake in our persistent approach on professional, patient, quality based service with value added solutions, services & products to our esteemed clients.

We adore treat and fulfill our commitments to our Suppliers as much we would like to be adored, treated and fulfilled with promises from our Clients.

We have earned credibility and reliability on our professional approach, trusted solutions from various Clients and we continue to strive in this direction excelling in innovation, simple reliable economical solutions to complex problems and quality product's.

Vision

Our vision is to evolve into a professionally managed engineering giant in water management providing simple solutions to complex problems with quality of service and excellence in professionalism, innovation, advancement, ethics, pure and clean business.

Mission

Nucleous in the business of Water Management aims to provide turnkey economical value-added solutions with state-of-the-art latest technologies in its offered products & services.

Our Goal:

To achieve excellence in simple solutions to complex problems through innovative thinking and high quality value added products & become the no.1 company in the region with high level of reliability, credibility, achievement and continuous growth.

Our Valued Business Partners:

Bermad Control Systems, KYPipe, USA, FHC-India, GAT-India /API-Gulf Eng-India

iWave Systems Technologies-Japan/ Europe, Ecological Laboratories-USA

Aquamaster Fountains & Aerators, Kasco Marine-USA

Products & Solutions:

Environmental Solutions:

Water Quality Management
Water treatment-Industrial & Lake Lagoons
Evaporative Cooling-Mist Systems
Algae Control & Management System
Lake, Pond, Lagoon Aeration System

Specialist Engineering Solutions:

IIOT based Solutions
Smart City Solutions for Infrastructure Management
Approved Surge Analyst for Transmission & Distribution pipe networks
Network Pressure Management; Demand/Supply Management
Flow Management & Leak Detection
Energy Efficient Water Distribution System for Potable & Irrigation applications
Air Valve Design & Monitoring system in the Pipelines
Control Valve Solution for Pressure, Flow, Level & Metering Application
Scada & Instrumentation

Electromechanical Products Solution:

Ductile Iron Valves, Pipes & Fittings & SS Penstock
Diaphragm & Needle type Control Valves
Pumps
Advanced Air Valves
Embedded Controller
Control Panels
Aerators & Fountains

Renewable & Sustainable Energy Solutions

Solar power systems
Introducing Hydropower by Slow Moving Water

Important Achievements & Milestones:

We are one of the three local companies in UAE who is approved to conduct specialist service of Surge Protection Design and are approved by all Authorities & Consultant.

Our partnership with global leaders like Bermad Europe, Ecological Laboratories, Aquamaster, USA, KYPipe USA, LGSonic is a true representation of our professionalism and achievement while we are committed to enhance the business market to our partners with value added reselling.

Our Valued Clients:



ISO 9001:2015



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Milestones:

We launched the Energy Efficient Network Management System to Dubai Municipality TSE Network which enables them to control, monitor their network on the web while all the devices has been designed on a solar powered system. This system allows them on quick access to network pressure management, demand-supply management, shutdown and maintenance management apart from the reporting and billing of their consumer connection.

We have launched Smart Metering Solution using NB-IoT technology for DEWA Bulk Metering Application.

We have launched Wireless Solution using 3G Technology for FEWA Reservoir Monitoring and Management

We are the first to manage the Dubai Silicon Oasis Storm Water Lake without chemicals for algae & odor control for an year.

We have been involved in Water Quality Management for High Profile likes in Al Qudra, Dubai Internet City, Dubai Media City

Our Staff is our Greatest Asset

The company is proud of its honest, dedicated team which constitute engineers of specialization in mechanical, electrical, computer science, bio-tech & environmental engineering along with accounts & admin personnel.

Guidance from the MD, on-job training and cohesive work atmosphere is always made available to our valued staff preparing them for the future.

Project references

Environmental Friendly Lake Management Projects:



Integrated Aeration System for Dubai Internet City Lake



Integrated Aeration System for Dubai Media City Lake

Floating Aerators:



Integrated Aeration System for Liwan Developments Retention Lake

Integrated Aeration System for Majan Developments Retention Lake:



Water Quality Management of Storm water in Dubai Silicon Oasis:



Floating Fountain at IRR1 C Emirates hills golf area lake for Emaar:



Water Quality Management Al Qudra Lake in Bab al Shams for Dubai Municipality



Aesthetic Fountain System at Last Exit, Al Khawaneej Lake for Engineering Office



Hydraulic Surge Protection Design Projects:

Mohammed Bin Rashid City Irrigation Network by Meeras-Sobha



Client: Meeras
Consultant: AE7

DS- 195/2 Sewage Pump Station for Dubai Municipality



Client: Dubai Municipality
Consultant: KAME

Dubai Canal Sewage Pumping Station for Dubai Municipality.



Client: Dubai Municipality
Consultant: Parsons



Al-Ghadheer Portable Water Network for ADDC



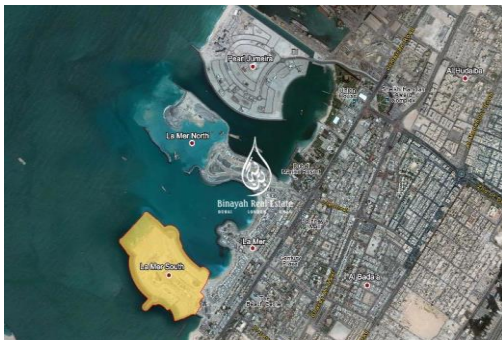
Client: ADDC
Consultant: ITAL

Nadal- Hammer Irrigation & Fire Network for Al Wasl Properties



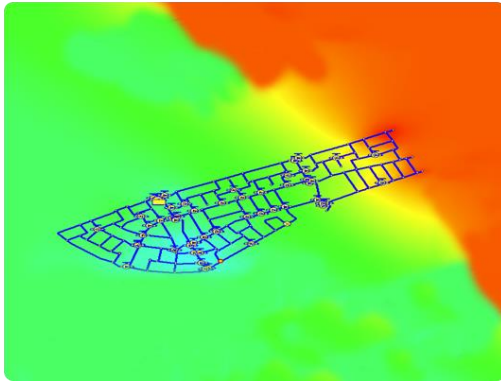
Client: Al Wasl
Consultant: DMF

Meraas Island-2 for Meraas



Client: Meraas
Consultant: DMF

Al-Ghareeba Irrigation Network for ADSSC/ADM



Client: ADSSC
Consultant: ITAL

Abu Samra Sewage Pump Station for ADSSC
Client: ADSSC

Al-Falah Sewage Pump Station for ADSSC



Client: ADSSC
Consultant:
MWH/HYDER



Al- Jazzan STP, Saudi Arabia.
Client: ADSSC
Consultant: HYDER

AL MARKAZ DEVELOPMENT , ABU DHABI PHASE 1 - INFRASTRUCTURE WORKS



Client: WAHA LAND LLC
Consultant: ARCADIS GULF /
AECOM



SCADA:



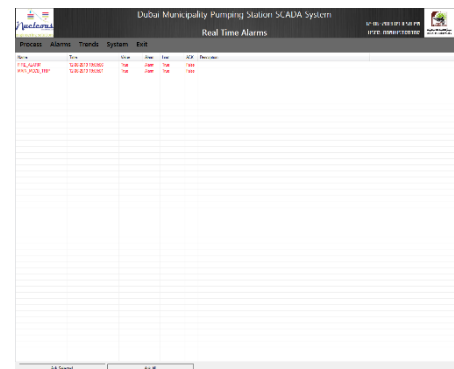
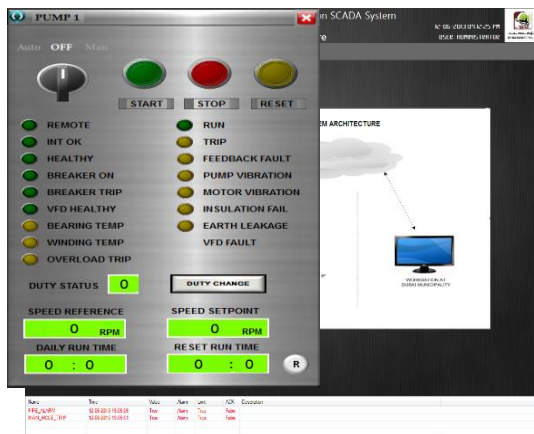
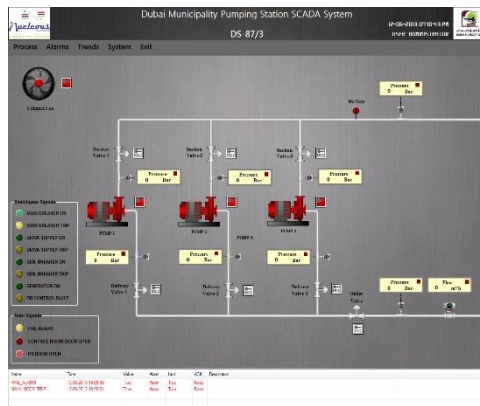
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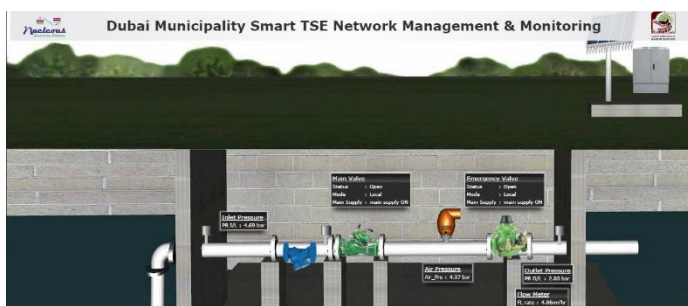
DS87-3 Booster Pump Station for Dubai Municipality

We did the SCADA automation of the DS87-3 Booster Pump station using the GPRS as the first time.



IIOT Solutions:

IIOT Solution for TSE Network Management System for Dubai Municipality



IIOT Solution for Bulk Metering

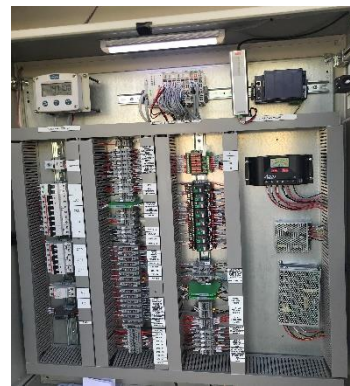
Wireless Solution for Reservoir Monitoring & Management

Renewable Energy Solutions:

Solar Powered TSE Network Management for Dubai Management

Project : Marsa Al Seef- Infra Works

Client: Meraas



Al Ahli club 1

Project: IR-155, J090, Smart AVM system Al Ahli club

Client: Dubai Municipality



Al Ahli club 2



Our Business Partners & their Specialisations & Projects:

KYPipe / FHC-India Affiliated with Dr Sridi Lingireddy, as our Affiliated Director for Fluid Hydraulics, providing hydraulic modelling and surge protection systems for various utility networks.

The following are some of the popular areas where NES/FHC can help you with solutions to water hammer problems:

- Lift Irrigation Pipelines
- Water Transmission Pipelines
- Sanitary Sewer Force Mains
- Water Distribution Systems
- Irrigation Piping Systems
- Private farming projects
- Fire Protection Sprinkler Systems – tall building, warehouses, aircraft hangers, ships etc.
- Oil pipelines
- Slurry Pipeline systems (semi solid state)

Dr Sridi Project Reference:

- Transient modeling and design of protection measures for Sohar Water Transmission Pipelines. Five different pumping mains ranging from 700 mm to 1200 mm pipeline. Ductile Iron and Mild Steel pipe. Static lift: 45 to 205m. Total length of pipe is about 100 km. Bladder vessels, air valves and surge anticipation valves for protection.

Owner: *Ministry of Housing and Electricity, Muscat, Oman*
Consultants: Mott McDonalds and Energo Projects

- Transient modeling and design of protection measures for Al Sanub Water Transmission Pipelines. About 7km of 150mm to 300mm DI pipe. Bladder vessels, air valves for protection.

Owner: *Ministry of Housing and Electricity, Muscat, Oman*

- Transient modeling and design of protection measures for Al Suwaiq Water Transmission Pipelines. About 25km of 300mm to 800mm DI & Mild Steel pipe. Bladder vessels and air valves for protection.

Owner: *Ministry of Housing and Electricity, Muscat, Oman*

- Transient modeling and design of protection measures for IBRA Town Sewage Transmission Pipelines. About 10km of 400mm to 700mm HDPE pipe. Bladder vessels and sewage air valves for protection.

Owner: *Ministry of Housing and Electricity, Muscat, Oman*

- Transient modeling and design of protection measures for Suwaiq – Musannah treated water pipeline system. Two different pipeline systems, a total length of about 200km with a diameter range of 800-1000mm DI and MS pipeline. Bladder vessels and air valves for protection.

Owner: *Ministry of Housing and Electricity, Muscat, Oman*

- Transient modeling and design of protection measures for Buraimi Water Supply Pipeline Project. About 18km of 400mm DI pipe from a well field to delivery point. Surge protection using only bladder vessels.

Owner: *Ministry of Housing and Electricity, Muscat, Oman*

- Transient modeling and design of protection measures for water supply pipeline from Ruwi Reservoir to New Wadi Kabir Reservoir. About 6km of 400mm DI pipe lifting water by more than 100m. Bladder vessels and pressure relief valves for protection.

Owner: *Ministry of Housing and Electricity, Muscat, Oman*

- Design of Surge Protection System for Yellampalli-Sripad Sagar Lift Irrigation Project. Ten pumping mains (Two rows of 2.75-3m diameter MS pipelines lifting water by about 300m over a distance of 50km in three stages, remaining pipelines range from 0.6-2m diameter with a lift of about 50-100m). Total installed capacity of pumps 140MW. Total flowrate lifted at river intake is 28m³/s. Bladder vessels, pressure relief valves and air valves for surge protection.

Owner: Department of Major Irrigation, Govt. of Andhra Pradesh, India
Consultant: AARVEE Associates, Hyderabad, India.

- Transient modeling and design of protection measures for City of Thornton (Colorado, USA) Water distribution system. About 200 miles of 6" to 54" mains serving an average demand of 20,000 gpm. Bladder vessels and quick opening pressure relief valves for protection.
- Transient modeling and design of surge protection system for sewage pressure main of Al Falah Village Community Project in Abu Dhabi for ADSSC. 700mm GRP pipe of 1800m long. Surge protection using sewage compatible bladder vessels.
- Water hammer analysis for the water distribution pipeline system from Doha Water Complex to Al-Ghazali Road.

Owner: Ministry of Energy and Water, Kuwait
Contractor: Kuwait Controls Co. Kuwait.

- Transient Analysis and Design of Surge Protection System for Sewage Force Main from AMGARA to New JAHRA Scrap Area. Two parallel pipelines 1400mm DI 16km each lifting raw sewage by about 70m. Air vessels for surge protection.

Owner: Ministry of Public Works, Kuwait
Contractor: Mushrif Contracting Co. Kuwait.

- A summary report on adequacy and commissioning of surge protection system for treated water pipeline SE/96 and SE/97 projects – an investigation into the causes of failure of pipeline.

Owner: Ministry of Public Works
Contractor: Mushrif Contracting Co.
Client: Gulf Consult

- Transient modeling and design of protection measures for Purandhar Lift Irrigation Pipeline Project. 12 km of 2200 mm Mild Steel pipe lifting water by about 250m in three stages

Owner: Maharashtra State Government, India
Consultant: Hiremath Irrigation Consultants, Pune, India

- Transient modeling and design of protection measures for Tirpur Area Water Supply Pipeline Project, Tirpur, Tamil Nadu, India. 53 km of 1400 mm Mild Steel pipe lifting water by about 150m.

Owner: Tirpur New Tirpur Area Development Corporation, India
Contractor/Consultant: HCC India and Black and Veatch

- Transient Analysis and Design of Surge Protection System for the Acoustic Suppression System (ACOSS) for Multiple Rocket Launch Platform at Indian Space Research Organization, Srihari Kota, India. The Acoustic Suppression System comprises 2m diameter pipe discharging 600m³ of water from 80m tall elevated storage tank in about 20seconds through a complex web of spray nozzles surrounding the rocket launching platform.

Owner: Indian Space Research Organization (ISRO)
Contractor: UB Engineering, Pune.

- Transient modeling and design of protection measures Wangana Lift Irrigation Pipeline Project. 3 km of 1200 mm Mild Steel pipe lifting water by about 120m.

Owner: Maharashtra Government, India
Consultant: Hiremath Irrigation Consultants, Pune, India

- Design of Surge Protection System comprising bladder vessels and surge suppressing air valves for cross country drinking water pipeline project, Inner Mongolia, China

- Verification of Surge protection Design for Mussafah Al Ain Water Transmission Scheme (MAWTS) in Abu Dhabi.
Designer: Tebodin Middle East
Client: NAEL, Abu Dhabi

- Saadiyat Island Potable Water Pumping and Distribution System, Surge analysis and Design of Surge Protection Systems, Abu Dhabi

Owner: Abu Dhabi Distribution Company (ADDC), Abu Dhabi, UAE
Consultant: Parsons International

- Transient modeling and design of surge protection system for treated water pipeline from Medinat Zayeb to ASAB (ADCO-GASCO) facilities in Abu Dhabi.

Owner: ADCO, Abu Dhabi, UAE.
Contractor: Power Flow Engineering, Abu Dhabi

- Transient modeling and design of surge protection system for Dehni Lift irrigation Scheme consisting of two rows of Rising Main lifting water in two stages by about 100 m.

Owner: Maharashtra Government, India.
Contractor: IVRCL, Hyderabad.

- Design of Pipe distribution system from source to drip irrigation delivery head covering a total command area of 7000 ha for Dehni Lift irrigation Scheme.

Owner: Maharashtra Government, India.
Contractor: IVRCL, Hyderabad.

- Transient modeling and design of surge protection system for Poynad water supply Scheme. 27 km of 1300 mm diameter MS pipeline.

Owner: Maharashtra Industrial development Corporation (MIDC), India.

- Hydraulic Modeling Study of Storm water Network system at Jleeb Al-Shuyoukh area

Owner: Ministry of Public Works, Kuwait
Contractor: Gulf Consultant. Kuwait.

- Design of Pipe distribution system from source to 40 ha chak delivery head covering a total command area of 58,000 ha for Omkareshwar Lift irrigation Scheme.

Owner: Narmada Valley development authority (NVDA) Madhya Pradesh Government, India.
Contractor: GKC, Hyderabad.

- Surge analysis for refueling operations in T2 Apron of Mumbai International Airport for Indian Oil Sky tanking in association with Cholamandalam MS Risk Services Ltd -Chennai -India.

- Design of Pipe distribution system from source to 40 ha chak delivery head covering a total command area of 50,000 ha for Narmadha Malwa Gambhir Link project (NMGL).

Owner: Narmada Valley development authority (NVDA) Madhya Pradesh Government, India.
Contractor: Navayuga Engineering private Limited, Hyderabad.

[LIST OF FEW COMPLETED/ONGOING IRRIGATION PROJECTS
IN MADHYA PRADESH STATE :](#)

- Design of Pipe distribution system from source to 2.5 ha chak delivery head covering a total command area of 47,000 ha for Nagalwadi Micro Lift irrigation Scheme.

Owner: Narmada Valley development authority (NVDA) Madhya Pradesh Government, India.
Contractor: Laxmi Engineering, Kohlapur.

- Design of Pipe distribution system from source to 2.5 ha chak delivery head covering a total command area of 47,000 ha for Dahi Micro Lift irrigation Scheme.

Owner: Narmada Valley development authority (NVDA) Madhya Pradesh Government, India.
Contractor: Laxmi Engineering, Kohlapur.

- Design of Pipe distribution system from source to 2.5 ha chak delivery head covering a total command area of 50,000 ha for Bhikangaon Micro Lift irrigation Scheme.

Owner: Narmada Valley development authority (NVDA) Madhya Pradesh Government, India.
Contractor: GVPR Engineers Limited, Hyderabad.

- Design of Pipe distribution system from source to 2.5 ha chak delivery head covering a total command area of 26,000 ha for Jawar Micro Lift irrigation Scheme.

Owner: Narmada Valley development authority (NVDA) Madhya Pradesh Government, India.
Contractor: GVPR Engineers Limited, Hyderabad.

- Design of Pipe distribution system from source to 2.5 ha chak delivery head covering a total command area of 35,000 ha for Khalwa Micro Lift irrigation Scheme.

Owner: Narmada Valley development authority (NVDA) Madhya Pradesh Government, India.
Contractor: Navayuga Engineering private Limited, Hyderabad.

- Design of Pipe distribution system from source to 1.0 ha chak delivery head covering a total command area of 17,785 ha for Parasdoh Medium Irrigation Project.

Owner: Water Resources Department (WRD) Madhya Pradesh Government, India.
Contractor: M/s KDS Private Limited, Indore.

- Design of Pipe distribution system from source to 1.0 ha chak delivery head covering a total command area of 11,000 ha for Ghogri Medium Irrigation Project.

Owner: Water Resources Department (WRD) Madhya Pradesh Government, India.
Contractor: M/s KDS Private Limited, Indore

- Design of Pipe distribution system from source to 1.0 ha chak delivery head covering a total command area of 6,000 ha for Mendha Medium Irrigation Project.

Owner: Water Resources Department (WRD) Madhya Pradesh Government, India.
Contractor: M/s KDS Private Limited, Indore

- Design of Pipe distribution system from source to 1.0 ha chak delivery head covering a total command area of 85,116 ha for Shamgarh Suwasara Irrigation Project.

Owner: Water Resources Department (WRD) Madhya Pradesh Government, India.
Contractor: M/s Offshore Infrastructure Private Limited, Mumbai.

- Design of Pipe distribution system from source to 1.0 ha chak delivery head covering a total command area of 63,550 ha for Kundalia LBC Irrigation Project.

Owner: Water Resources Department (WRD) Madhya Pradesh Government, India.
Contractor: M/s L & T Constructions, Chennai.

- Design of Pipe distribution system from source to 1.0 ha chak delivery head covering a total command area of 67,091 ha for Kundalia RBC Irrigation Project.

Owner: Water Resources Department (WRD) Madhya Pradesh Government, India.
Contractor: M/s L & T Constructions, Chennai.

- Design of Pipe distribution system from source to 1.0 ha chak delivery head covering a total command area of 28,020 ha for Chanderi Micro Irrigation Project.

Owner: Water Resources Department (WRD) Madhya Pradesh Government, India.
Contractor: M/s Sarthi Constructions, Indore

- Design of Pipe distribution system from source to 1.0 ha chak delivery head covering a total command area of 6,078 ha for RBC Mohanpura Extension Micro Irrigation Project.

Owner: Water Resources Department (WRD) Madhya Pradesh Government, India.

Contractor: M/s Phaloudi Constructions Private Limited, Indore

LIST OF FEW COMPLETED / ONGOING IRRIGATION PROJECTS
IN ODISHA STATE :

- Design of Pipe distribution system from source to 20.0 ha chak delivery head covering a total command area of 7,641 ha for Mega Lift Cluster -1.

Owner: Water Resources Department (WRD) Odisha Government, India.
Contractor: M/s GVPR Engineers Limited, Hyderabad

- Design of Pipe distribution system from source to 20.0 ha chak delivery head covering a total command area of 11,272 ha for Mega Lift Cluster -2.

Owner: Water Resources Department (WRD) Odisha Government, India.
Contractor: M/s GVPR Engineers Limited, Hyderabad

- Design of Pipe distribution system from source to 4.0 ha chak delivery head covering a total command area of 19,400 ha for Mega Lift Cluster -10.

Owner: Water Resources Department (WRD) Odisha Government, India.
Contractor: M/s GVPR Engineers Limited, Hyderabad

- Design of Pipe distribution system from source to 4.0 ha chak delivery head covering a total command area of 10,200 ha for Mega Lift Cluster -13.

Owner: Water Resources Department (WRD) Odisha Government, India.
Contractor: M/s GVPR Engineers Limited, Hyderabad

- Design of Pipe distribution system from source to 4.0 ha chak delivery head covering a total command area of 14,805 ha for Mega Lift Cluster -9.

Owner: Water Resources Department (WRD) Odisha Government, India.
Contractor: M/s L&T Constructions, Chennai

- Design of Pipe distribution system from source to 4.0 ha chak delivery head covering a total command area of 21,300 ha for Mega Lift Cluster -12.

Owner: Water Resources Department (WRD) Odisha Government, India.
Contractor: M/s L&T Constructions, Chennai

GAT / API-Gulf Engg-India Affiliated with Sunil N, as our Affiliated Director for ICA, providing Solutions to Industrial Automation include SCADA designs, supply, T&Cs for Utility projects.

Some of the Project References:

- PALM JUMAIRA TUNNEL SCADA, UAE
- SUWAIQ WATER SUPPLY PROJECT, Oman
- KING FAHAD UNIVERSITY, KSA
- JUBAIL SCADA SYSTEM, KSA
- M44-SEWAGE LIFTING STATIONS, UAE
- JEDDHA WATER NETWORK PROJECT, KSA
- ABHA WATER NETWORK SCADA SYSTEM, KSA
- KHOBAR RING LINE PROJECT, KSA
- WEST MAKKA STP PROJECT, KSA
- WATER SUPPLY SCHEME TO IBRA, Oman
- TIRUPUR WATER AND WASTEWATER TREATMENT PROJECT, India
- WANGNA LIFT IRRIGATION SCHEME AUTOMATION, Maharashtra India
- TAYAMA SEWAGE TREATMENT PLANT SYSTEM, Saudi Arabia
- MAKKA CENTRAL WATER NETWORK INTEGRATION, Saudi Arabia
- DAMMAM CENTRAL WATER NETWORK INTEGRATION, Saudi Arabia

iWave Systems Technologies-Japan / USA/ India

Telematics and Connected Mobility

An extensive portfolio of telematics control unit, telematics gateway and V2X hardware, iWave enables customers to unlock the value of connected vehicle data with reliable and powerful hardware. The telematics hardware can be used across applications such as connected cars, trucks, marine equipment, tractors, and heavy-duty machinery.

HMI solutions

HMI Solutions such as an IP67 rugged HMI solution and the Industrial Panel PC are built to enable interaction between humans and machines. Available in 7" and 10.1" variants, and integrated advanced graphics hardware, the HMI solutions provide an unrivalled user experience. The HMI solutions are integrated with, LVDS display, flexible wired and wireless connectivity options.

Edge AI and IoT Gateways

Edge AI gateways and industrial IoT gateway to power intelligence on the edge. Corazon-AI, An Edge AI Gateway is built on a modular and powerful architecture to power applications such as intelligent traffic management, people counting, retail analytics. Industrial IoT Gateways and LoRaWAN Gateways powering smart city and IoT solutions.

Security Suite

Security suite is built for connected devices, enabling them with security functions such as encryption, storage, data transmission, and certificate management. The security Suite includes secure boot, Wi-Fi secure API, event logging, OS hardening, access control, software firewall, and secure firmware update to name a few.