

ROSLUX

SOLUTIONS CO. W.L.L.



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Illuminating the Path to a Brighter Future

A letter from the CEO

ROS LUX, a Latin name that holds a profound meaning that has inspired me to redefine the way we approach businesses, relationships, and our impact on the world. Rooted from the meaning "daylight dew," ROS LUX embodies a vision of embracing the natural wonders that surround us and using them to create positive change.

At the heart of ROS LUX, we believe that we are all part of a family – the staff, the customers, the support businesses, and everyone that we cross paths with. This sense of community is the foundation upon which we build our work, driven by a shared passion for making the world a better place.

In this spirit, we are committed to provide innovative solutions that addresses most of the pressing challenges we face in the environmental sector today.

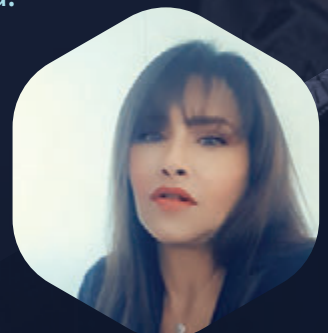
Our vision extends beyond just the products and services we offer. We are dedicated to nurture the next generation, inspiring young minds to see the world through a lens of possibility and empowering them to become agents of positive change, by saving the water through treating it and creating light & energy without harming the environment.

By embracing the essence of ROS LUX – the beauty and wonder of the natural world, the power of communicating, and the boundless potential with all our partners, we are moving toward a sustainable future for our children.

Join us on this journey as we are all alliances with no competitive targets, but rather an aim of making a great lasting impact on the world.

Sincerely,

Dr. Nada Al Farwan
Founder & CEO,
ROS LUX Solutions Co. W.L.L.



ABOUT OUR COMPANY

ROSLUX is a global leader in developing sustainable solutions for a wide range of industries with excellent partners & amazing technologies.

Industrial, Environmental, Energy, Artificial Intelligence, Management & Finance, Media and Branding are fields of our core competencies.

OUR FOCUS

- Evolving Technology
- Green Technology
- Eco-Friendly Technology
- Sustainable Technology
- Delivering Triple-Bottom-Line

(People, Planet & Profit)



VISION

EMPOWERING INDUSTRIES:

A world empowered by sustainable innovation.



MISSION

CLIENT-CENTRIC SUCCESS :

Partnering with excellence to deliver solutions that elevate industries and enrich lives.



STRATEGY

COLLABRATIVE IMPACT : Forge strategic partnerships and leverage cutting-edge technologies to deliver impactful solutions across the Kingdom of Bahrain and the GCC region. Our focus on social and environmental responsibility drives progress for a brighter future.

FIELDS OF COMPETENCIES

We believe that success is more than just financial performance. We're committed to a concept called the (triple bottom line - the people, the planet & the profit), which means we focus on the social, environmental, and economic aspects of our business. In other words, we strive to create solutions that are not only financially sound, but also improve social well-being and minimize our environmental impact.



PRIME SOLUTIONS

Management & Finance

As we're passionate about pushing boundaries and delivering exceptional outcomes, we leverage our clients with cutting-edge technologies and deep understanding of sustainability, to develop smart solutions and empower them with the tools and strategies to achieve a new level of success.

Our independent consultancy services are tailored to meet your unique needs, ensuring each project receives the dedicated attention it deserves throughout every stage.

- | | |
|-----------------------|-----------------------------------|
| ✔ Initial Feasibility | ✔ Commissioning / Operation |
| ✔ Project Planning | ✔ Completion |
| ✔ Project Design | ✔ Project Financing (if required) |



By embracing the best business development consultant expertise with total efficiency and dedication to achieve planned and projected result.

CORE SERVICES

- Initial assessment & Gap Analysis
- Define Scope
- Develop Draft Plan
- Create Timeline for the process
- Identify available local/ International resources
- Provide Finance (if required)
- Project planning
- Owner's & local engineer
- Technical compliance & Supervision
- Information Management & Document Control
- HSE & Quality Assurance
- Quality Control & Inspection
- Completions & Commissioning Management
- Environmental and social impact assessment
- Potential generating capacity and returns of the project
- Local & International network capacity constraints and opportunities (requirements and costs)
- Training



ENVIRONMENTAL SOLUTIONS

We provide environmental services on transport infrastructure, property and urban regeneration to corporate clients. ROSLUX is idyllically placed to satisfy your entire project service needs and offers a comprehensive set of services and solutions covers (Industrial and non-Industrial Waste/ Biological Waste).

Areas of treatment including but not limited to the following:

- ✔ Waste water treatment
- ✔ Landfills / Biological waste
- ✔ Municipal Sewage Treatment
- ✔ Land reintegration for Development
- ✔ Contaminated water treatment
- ✔ Contaminated land rehabilitation



INDUSTRIAL TREATMENT SOLUTIONS

Our technologies provide solutions, not only for solving intractable problems, and transforming waste into resources but are also world leading, sustainable, cost effective and applicable to a wide range of industries. Some of our treatment successes including but not limited to:

- ✔ Hydrocarbon Contaminated Soil
- ✔ Industrial Sites Waste
- ✔ Removal of arsenic from process water
- ✔ Storm-water protection systems
- ✔ Quality and Occupational Health & Safety Management Systems audits
- ✔ Environmental Impact Studies / Statements
- ✔ Bio solid waste
- ✔ Process Water
- ✔ Contaminated soils
- ✔ Site remediation & revegetation
- ✔ Sewage
- ✔ Odor abatement, control and monitoring
- ✔ Soil / water sampling & analysis
- ✔ Environmental legislation services
- ✔ Composting Waste
- ✔ Dairy Farm and Poultry
- ✔ Industries Manufacturing Waste
- ✔ Underground water contamination treatment

We introduce Patented Technologies and Resolutions that solve unmanageable complications such as hazardous and impacts of industrial and non-industrial waste. By converting Waste into usable and valuable bi-products, we

- Eliminate the footprint of carbon
- Help to grow the GDP
- Creating new fields of jobs and education

WATER & SLUDGE TREATMENT

ROSLUX extends its capabilities in wastewater treatment through a strategic joint venture with Belekpól, a leader with over 35 years of experience. This partnership allows us to offer a comprehensive EPC service package encompassing design, construction, installation, and commissioning of wastewater treatment plants and pumping stations, ensuring exceptional quality and expertise for your environmental projects.

By 2025 there will be no clean resources of natural water in the world (A statement by the UN Environmental Authority). Our Treatment goal is provide a cleaner water from MSW, Industrial & Contaminated wastewater. By the use of a unique technology in which all waste as used as source of cleaner water and biofuel.



The use of our Technology provides reduction of:

- ✔ Construction volume up to 60%
- ✔ Earthworks up to 70%
- ✔ Extent of technological communication by 2-times
- ✔ Energy consumption of facilities up to 40%
- ✔ Footprint up to 50-60%
- ✔ Sanitary zone area by 3-10 times
- ✔ Number of staff by 2-3 times.



ARTIFICIAL INTELLIGENCE & TECHNICAL SOLUTIONS

Artificial Intelligence is a new venture falls under the company. ACI (Artificial Capable Intelligence) helps organizations to digitalize their businesses for the digital era. Our technology products, services and engineering are built on innovation, a strong culture of invention.

ROSLUX offers an integrated portfolio of products, solutions, services including Artificial Intelligence, Internet of Things, Virtual Reality, Augmented Reality, Enterprise mobility, and Cloud Computing.

QUALITY MANAGEMENT SYSTEMS

ACI is compliant with ISO 9001, 14001 and 4801 with procedures and processes that provide quality output. With regular procedural audits. We ensure our projects comply with government regulatory standards and to specific client requirements.

SAFETY MANAGEMENT SYSTEMS

Infrastructure Information and Safety Management System for onsite and remote data tracking and facility process data tracking. It can track performance, improve management control, maximize safety compliance, reduce risks, provide crisis alerts and conduct incident reports. With the help of early detection and prevention system, the operational efficiency and safety will be sustainable.

FUNDAMENTAL TECHNOLOGIES:

- ✔ Artificial intelligence sensor and tracking solutions
- ✔ Integrated platform for multiple plans (combines "Integrated easiness solutions" and "On platform for multiple plans")
- ✔ Digital Operational Excellence
- ✔ Blueprint ICT Architectures

SECURITY & ACCESS CONTROL

- ✔ IT & Network Solutions
- ✔ Time Attendance System
- ✔ Door Access Control System
- ✔ Turnstiles & Speed Gates
- ✔ Gate Barrier System
- ✔ Long Range Reader System
- ✔ Automatic Gate & Door System
- ✔ Automatic Bollards & Parking Lock
- ✔ Guard Tour System
- ✔ Key Management System
- ✔ Intelligent Lock System
- ✔ RFID Hotel & Smart Lock System
- ✔ People Counting System
- ✔ EAS Anti-Theft System
- ✔ Mess & Canteen Management System
- ✔ Queue Management System
- ✔ Visitor Management System
- ✔ Asset Management System
- ✔ Feedback Management System
- ✔ Field Management System
- ✔ PABX – Telecommunications
- ✔ Public Address System
- ✔ ID Card Printer & RFID Cards
- ✔ Digital Signage & LED Video Wall
- ✔ CCTV & ANPR System

ADVANCED TECHNOLOGIES

- ✔ Plant Common Data Model
- ✔ Plant Connectivity (combines with "Plant Connectivity Iota")
- ✔ Digital Worker
- ✔ Video Analytics
- ✔ Profitability Analytics
- ✔ Smart planning & scheduling
- ✔ Integrated operating procedure
- ✔ Augmented Reality for operations

TRACKING & MANAGEMENT

- ✔ Tracking Solutions (Facility Zones, Vehicles, Equipment & Weapons)
- ✔ Location Based Services (RFID & Real Time Location System)
- ✔ Production Management & Control
- ✔ Quality Assurance
- ✔ Fixed Asset Management
- ✔ Resource Management
- ✔ People & Asset Management (combines with "Environmental Monitoring" and "HSE Monitoring")

INTEGRATED MANUFACTURING & DIGITAL SERVICE

- ✔ Solution Design (FEED)
- ✔ Technology Selection
- ✔ Solution Engineering, Design & Implementation
- ✔ Infrastructure Solutions (Hardware, Networking & Software)
- ✔ Digital Use Case
- ✔ Technology Architecture
- ✔ Procurement Strategy
- ✔ Operating Model
- ✔ Value Case

CYBER SECURITY

- ✔ Technology Strategy and Planning
- ✔ Digital Transformation
- ✔ Operations Management
- ✔ AI Integration and Implementation
- ✔ Physical Security Systems
- ✔ Risk Management and Compliance
- ✔ Process Optimization
- ✔ Project and Program Management
- ✔ Cross-functional Leadership
- ✔ Vendor and Partner Management

ENERGY SOLUTIONS

By understanding our clients' needs and expectations, we provide unique and independent tailored consultancy services to suit the project. We deliver effective solutions, from concept stages that include; Initial Feasibility Studies, Project Planning, Project Design, Financing, Commissioning/ Operation and up to Completion.

We embrace the methodology of **PPP, BOT, BOOT & EPC** for the technologies of Solar Projects

- ✔ Solar Modules (Utility, Commercial & Residential)
- ✔ Inverters
- ✔ System Kits
- ✔ Solar Photovoltaic Energy Solar Energy is the cleanest and most abundant renewable energy source available

The following is our offering in every stage

Design Solutions:

- ✔ Low voltage system
- ✔ MV Substation
- ✔ HV substation up to 380KV
- ✔ Solar Power Plant
- ✔ Cogen Power Plant
- ✔ Hybrid Power Plant
- ✔ MV/HV Protection system
- ✔ Substation automation

Beside our general project management to the renewable energy, the following is our

Technical Support:

☑ Provide technical manpower resources specialized in electrical fields (Protection, Automation).

Supply:

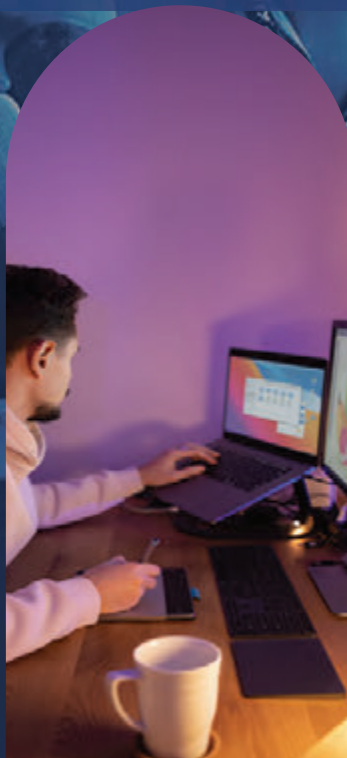
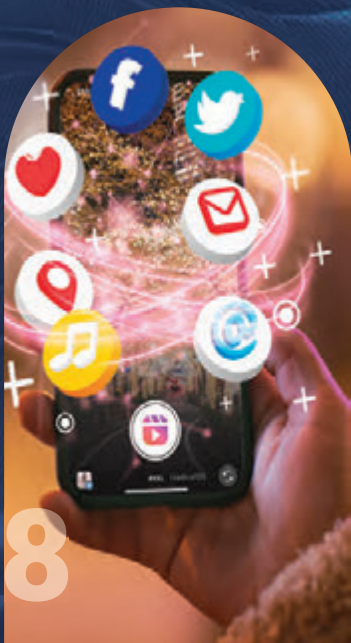
- ☑ Supply MV/HV Transformer range from 6.6KV up to 380 KV
- ☑ Switchgear from 11KV AIS up to 380KV GIS
- ☑ Protection and substation automation
- ☑ Street light – Smart Lights
- ☑ Retrofit light for smart cities
- ☑ Roof top solar
- ☑ Batteries for Solar system
- ☑ MV/HV Cables

DIGITAL MARKETING & BRANDING

We offer a comprehensive suite of services to establish, promote, and manage your brand's digital presence. From crafting a captivating brand identity to developing user-friendly apps and ensuring secure hosting, we handle it all.

We are your digital alchemists, transforming brands into experiences that:

- ▶ **Trigger emotional connections:** We delve into consumer psychology to design brand identities, marketing campaigns, and applications that tap into your audience's deepest desires and aspirations.
- ▶ **Build trust and loyalty:** By fostering a sense of community and understanding, we cultivate long-lasting relationships with your customers.
- ▶ **Drive irresistible action:** We strategically craft user journeys that guide customers effortlessly towards conversion, maximizing your sales potential.



OUR SERVICES

Ecommerce Solutions:

- ✔ Design and development of user-friendly, high-converting online stores.
- ✔ Integration with secure payment gateways and streamlined checkout processes.
- ✔ Personalized shopping experiences that anticipate customer needs.
- ✔ Data-driven marketing strategies to target the right audience at the right time.

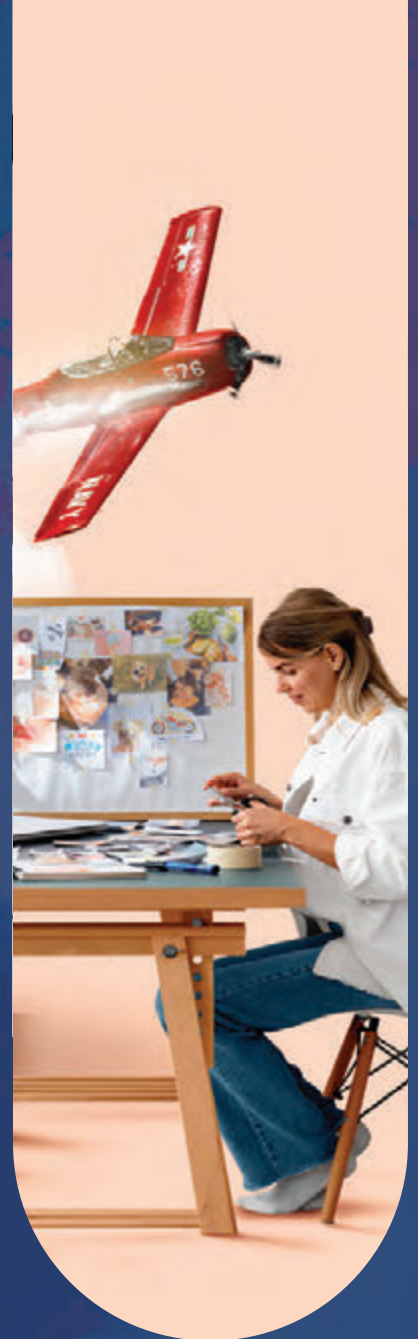
Digital Marketing & Branding Solutions:

- ✔ Search Engine Optimization (SEO)
- ✔ Pay-Per-Click (PPC) Advertising
- ✔ Social Media Marketing
- ✔ Content Marketing
- ✔ Email Marketing
- ✔ Brand Identity Design
- ✔ Public Relations

Web/Mobile App Development:

- ✔ Website Development
- ✔ Mobile App Development
- ✔ Web App Development

Let us take the complexity out of building your digital empire. We'll guide you through every step, ensuring your brand resonates with your target audience, attracts new customers, and thrives in the competitive online landscape.





LOCALIZATION SOLUTIONS

At ROSLUX, we are passionate about making a real impact in the Kingdom of Bahrain's industrial & environmental sectors. We believe localization is the key to a wave of positive change.

Localization holds the biggest potential in the fields of

- ✔ Technologies
- ✔ Manufacturing
- ✔ Jobs
- ✔ Businesses
- ✔ New fields of education

Potential outcome of localization

- A growing diversification of activities and the rise of subsidiary businesses.
- Creating a materialized, local relations open to business creativity and innovation.
- Helps to obtain knowledge management of new productive methods and ideas.
- Creating a specific local environment and leading to rise a new generation of entrepreneurial spirit.
- Creating a specific entrepreneurial behavior in the local industry.
- Localizing education to develop and create the next generation of innovators and creative thinkers.





Let's connect
& share.

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