

Renewable Energy Solutions



Hydrometric & Environmental Solutions



Aerospace and Aviation Solutions



Operation, Maintenance and Rehabilitation



Education & Training Solutions



AI & Cybersecurity Solutions

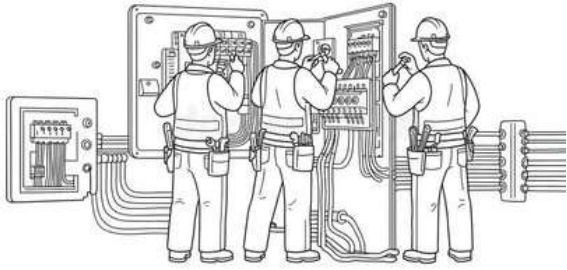


FIRAS BALASMEH CORPORATION FOR CONTROL SYSTEMS "FB GROUP"

Operations, Maintenance & Rehabilitation Works Solutions

- Renewable energy solutions
- Hydrometric & Environmental solutions
- Education & Training solutions
- AI & Cybersecurity solutions
- Aerospace & Aviation solutions
- Operation, Maintenance and Rehabilitation

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OPERATION, MAINTENANCE AND REHABILITATION WORKS

'WE WILL FIND A SOLUTION, OR CREATE ONE'

1. Introduction

1.1 About Us

Firas Balasmeh Corporation for Control Systems "FB GROUP" is a Jordanian corporation that has been proudly serving the region since 2010. Headquartered in Jordan, FB GROUP is a dynamic organization that operates with a strong commitment to excellence and innovation in the fields of technology and engineering.



Turnkey
Solutions



Design and
Engineering



Supply and
Installation



Commissioning
and Testing



Training and
Support



Operation and
Maintenance

Our team is composed of highly experienced and multi-disciplinary engineers who bring a wealth of knowledge and expertise to every project. As a leading system integrator, FB GROUP specializes in delivering comprehensive services that help businesses and organizations connect with top-tier vendors, providing reliable and high-quality hardware, software, and professional services.

1.2 Vision

To be the trusted partner for businesses and organizations seeking innovative, reliable, and sustainable solutions in engineering, artificial intelligence, automation, energy, and environmental management. We are dedicated to driving progress and delivering exceptional value through our comprehensive suite of services.

FB Group is more than a service provider; we are a partner in your success, working alongside you to turn challenges into opportunities and goals into achievements.

1.3 Our Mission

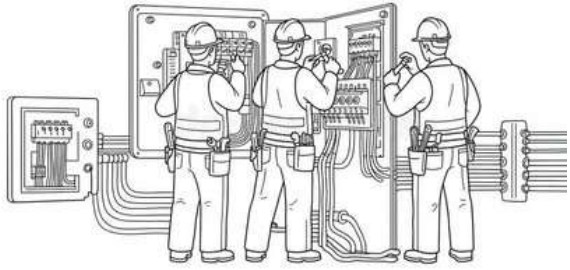
To deliver superior solutions that meet the diverse needs of our clients, ensuring that every project is executed with precision, efficiency, and a focus on long-term success.

1.4 Our Objective

To be the leading provider of innovative, sustainable, and integrated engineering solutions in the Middle East, delivering unmatched value to clients across multiple sectors through cutting-edge technology, exceptional service, and a commitment to environmental and social responsibility.

We aim to drive growth and innovation while fostering long-term partnerships and contributing to the sustainable development of the communities and markets we serve.

This objective emphasizes FB GROUP's commitment to leadership in innovation, sustainability, and customer value, while also highlighting its dedication to social and environmental responsibility. It aligns with the group's diverse capabilities and its vision for growth and impact in the region.



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1.5 What We Value

- **Innovation**
We are a company that keeps its promises.
- **Integrity**
We exceed customer expectations through continuous improvement in quality, service, productivity and time compression.
- **Excellence**
We provide our people with the tools, training and support to achieve excellence in customer satisfaction.
- **Sustainability**
Which we seek in every element of our business.
- **Collaboration**
We actively recognize the central role we occupy in the structure of society to improve the quality of life and the environment of a broad community.
- **Customer Focus**
Our clients are at the center of everything we do. We listen to their needs, understand their challenges, and tailor our solutions to ensure their success and satisfaction.
- **Continuous Improvement**
We are committed to continuous improvement, always learning, adapting, and evolving to stay ahead in a rapidly changing world, and to deliver the best possible outcomes for our clients.

1.6 What We Do

At FB GROUP, we are dedicated to delivering comprehensive, innovative solutions across a wide range of industries, with a focus on engineering excellence, environmental sustainability, and technological advancement. Our services are designed to meet the diverse needs of our clients, ensuring that we provide not only high-quality products but also the expertise and support necessary to achieve success in every project.

1. Engineering Services

We provide end-to-end engineering solutions, including design, consultancy, project management, and implementation. Our multidisciplinary team of engineers specializes in creating custom solutions tailored to the unique requirements of each project, from concept to completion.

2. System Integration

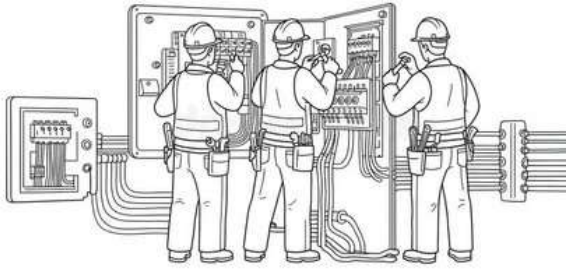
As a leading system integrator, we deliver seamless integration of advanced technologies in control systems, automation, and industrial processes. We ensure that our clients benefit from efficient, reliable, and scalable systems that optimize performance and productivity.

3. Turnkey Projects

We deliver fully integrated turnkey solutions, managing every aspect of a project from initial design and engineering to procurement, construction, commissioning, and operation. Our turnkey approach ensures that projects are completed on time, within budget, and to the highest standards of quality.

4. Training and Support

We provide specialized training programs and ongoing support to ensure our clients have the knowledge and skills needed to operate and maintain their systems effectively. Our training services cover a broad range of disciplines, empowering clients to maximize the value of their investments.



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5. Consulting and Advisory Services

Our expert consultants offer strategic advice and technical guidance to help clients complex challenges, optimize operations, and achieve their business objectives. We work closely with clients to develop tailored solutions that address specific industry needs.

6. Supply of High-Quality Products

We source and supply a wide range of high-quality hardware and software products from leading manufacturers around the world. Our product offerings are selected to meet the stringent requirements of our clients, ensuring reliability, performance, and longevity.

7. Environmental and Sustainability Services

Committed to environmental stewardship, we offer services that promote sustainability, including environmental impact assessments, resource management strategies, and implementation of green technologies. Our goal is to help clients achieve their sustainability targets while enhancing operational efficiency.

8. Renewable Energy Solutions

FB Group is at the forefront of the renewable energy sector, offering comprehensive services in the design, installation, and management of solar, wind, and hybrid energy systems. Our commitment to sustainability drives us to provide energy solutions that reduce environmental impact while enhancing energy security.

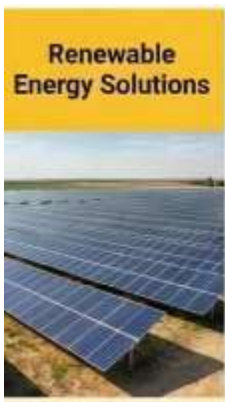
9. Hydrometric & Environmental Solutions

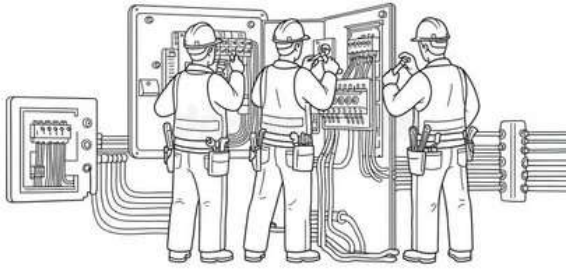
We specialize in hydrometric monitoring, environmental data management, and consulting services that help our clients manage natural resources responsibly. Our solutions enable accurate measurement and analysis of water resources, air quality, and environmental impact, supporting informed decision-making.

10. Aerospace and Aviation Solutions

We provide cutting-edge Airspace and Aviation Solutions designed to enhance the safety, efficiency, and reliability of aviation operations. Our expertise spans a broad range of services and technologies, ensuring that our clients in the aviation industry can meet the Highest standards of performance and compliance.

1.7 Our Core Business Lines





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Registered at SAM; The Official U.S. Federal Government System for Award Management

- Unique Entity ID: JFVJMHH3KAM5
- CAGE/NCAGE Code: AF58X



Registered at UNGM; the procurement portal of the UN System

- Registration Number: 616375



2. Operation, Maintenance and Rehabilitation Works

2.1 Introduction

FB GROUP provides services of installations, operation, maintenance and rehabilitation related to civil, electrical, mechanical works for industrial, residential, or commercial facilities, under engineering and technical methods within highest levels of professionalism, to ensure the end customer of a truly quality services.

2.2 Our Solutions

1- Electrical & Power Solutions



Electrical Installations



UPS (Uninterruptible Power Supply)

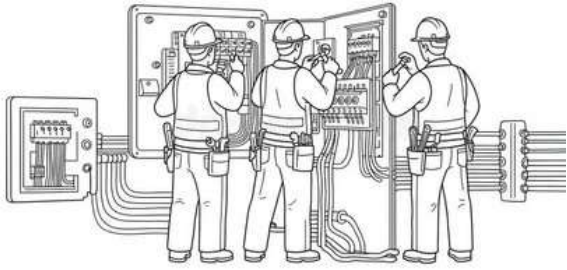


Generator Works



Outside/Inside Lighting





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2- Data & Communications



Cabling



Data Cabling
& Data Works

3- Civil & Structural Works



Piping



Concrete & Civil Work



Structure



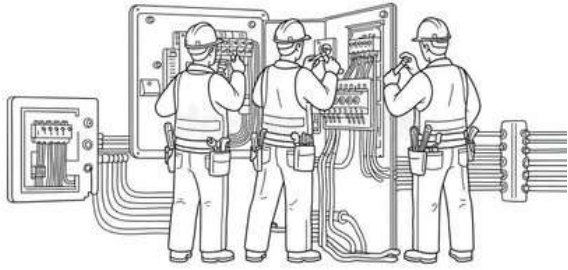
Fencing



Sanitation

2.3 Advantages

- **Diverse Expertise**
Proven capability across multiple sectors, delivering high-quality solutions that outperform competitors.
- **Strong Market Relationships**
Longstanding ties with public and private stakeholders in the Kingdom, built on trust and influence.
- **Financial Strength**
Solid financial foundation supported by strategic partnerships with leading institutions and developers.
- **Trusted Partnerships**
Authorized agents and distributors of reputable manufacturers, ensuring quality and reliability.
- **Reliable Execution**
Consistent delivery on commitments through dependable, long-term client relationships.
- **Innovation-Driven**
Customer-focused solutions designed to exceed expectations.
- **On-Time, On-Budget Delivery**
Established brands delivered precisely to requirements, on schedule and within budget.



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2.4 List of Executed Project With UNHCR

Year	Capacity	Value (JD)
2024 - 2026	Maintenance and Minor Construction Services at the MENA Bureau, Amman	203,099
2015	Supply and Installation of Electrical Works at Irbid Registration Center and Cyber City Camp	23,506
	Emergency Rectification Works after Sudden Electrical Failures at Irbid Registration Center (SDB with CB and SCB and cabling)	500
	Electrical Installation of UPS Power Distribution for Irbid Registration Center	16,542
2014	Electrical Cabling Services at Irbid Office, Following Electrical Upgrade To 3 Phase (water proof thermal painting, main circuit breaker, 3 phase power cable, pipes and al needed accessories, civil works and concrete base)	4,400
	Additional Electrical Works After Fire Incident in Irbid Registration Center	5,800
	Low Voltage Electrical Works in Irbid Field Offices, Irbid Registration Center, KAP and Cyber City	106,130

The following is a list of executed projects in relation to 3 of our core business lines: Operation, Maintenance & Rehabilitation Works, Renewable Energy Solutions and Hydrometric and Environmental Solutions, which works are integrated and mostly mutual in terms of components, materials supplies, installations works (electrical, mechanical, civil, etc...), testing and commissioning, as well as operation and maintenance.

Installation of plant components. Major components are: solar modules, solar inverters, mounting structure, cables (AC, DC and solar), surge arrestors, SCADA, electrical panels (circuit breakers, fuses, and protective relays, meters, etc..),

Similarity of Works for Renewable Energy Solutions:

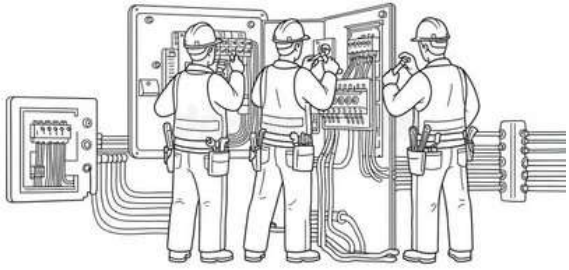
Works in general, include but not limit to:

- Cabling and connections.
- Testing and commissioning of the electrical low voltage and medium voltage networks components (transformers, switchgears, substations, etc...).
- Connection/integration to the electricity grid.
- Others: Civil works (excavations, ramming, drilling, concrete bases, structure mounting, drainage, piping and trenching etc...), lighting poles, CCTV, fencing, etc...
- Operation and maintenance: preventive, corrective, SCADA monitoring and controlling, data analysis, testing and measuring, reporting, etc...

Similarity of Works for Hydrometric and Environmental Solutions:

Works in general, include but not limit to:

- Concrete bases, ground leveling, drilling, cabling, trenching, and fencing.



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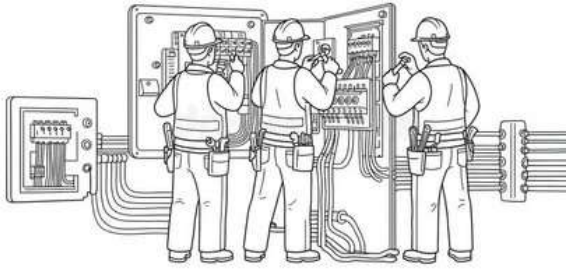
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Similarity of Works for Operation, Maintenance and Rehabilitation Business Line:

Works in general, include but not limit to:

- Electrical Works: Comprehensive electrical installations and cabling.
- Power Distribution: UPS systems, including installation and commissioning.
- Sanitation works: Installations of sanitation systems and repairs.
- Interior and Exterior lighting solutions.
- Building Connections: Electrical connections for buildings, including sockets, wiring, etc...
- Civil Works: Execution of necessary civil infrastructure including excavations, piping, trenching, drainage, roads, asphaltting, etc...
- Facility Repairs: Comprehensive facility repair services, including carpentry, plumbing, metalwork, and structural repairs.

Year	Client	Capacity
2024 - 2026	UNHCR, MENA Bureau, Amman	Maintenance and Minor Construction Services
2022 - 2024	World Food Program, Amman	Operation and maintenance of 189 kWp Solar Energy Plant for 2 years
2022 - 2023	Jordan Atomic Energy Commission	Operation and Maintenance of the weather station, air quality station, off-grid power plant and diesel-generator, located at Amra Palace
2020 - 2022	Aal Al Bait University	Operation and maintenance of 3 MW Solar Energy Plant for 2 years
2017 and beyond for projects with operation and maintenance scope	Chart General Contractor Co.	Solar lighting poles (cabling, construction works, concrete bases and all ground leveling needed for the installation)
	Irbid Specialized Hospital	0.804 MW Solar Energy Plant realized as canopies, carports and rooftops (low voltage connected, net metering basis, EPC contract, 2 years operation and maintenance)
	Civil Defense Directorate	1.1 MW Solar Energy Plant realized as a solar farm (medium voltage connected on overhead lines, wheeling basis, BOT contract for 43 months)
	German Jordanian University	2.11 MW Solar Energy Plant realized as canopies, carports and rooftops (low voltage connected inside the campus, net metering basis, EPC contract, 5 years operation and maintenance)



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2016	<p>Al Hussein Bin Talal University</p> <p>General Directorate of the Gendarmerie Forces</p> <p>Hashemite University</p>	<p>3 MW Solar Energy Plant realized as a solar farm (medium voltage connected on a substation, net metering basis, BOT contract for 43 months)</p> <p>Solar lighting poles (cabling, construction works, concrete bases and all ground leveling needed for the installation)</p> <p>5 MW Solar Energy Plant realized as: 4 MW solar farm and 1 MW canopies and carports (medium voltage connected to a substation and low voltage connected inside the campus, net metering basis, EPC contract, 3 years operation and maintenance)</p>
2014	<p>International Center for Agricultural Researches in Dry Area (ICARDA), Jordan</p> <p>The University of Jordan (Program of MSc in Climatic Environment)</p>	<p>Automatic Weather Station (cabling, construction works, installing fences, concrete bases and all ground leveling needed for the installation)</p> <p>Automatic Weather Station (cabling, construction works, installing fences, concrete bases and all ground leveling needed for the installation)</p>
2013	<p>The University of Jordan (Water, Energy and Environment Center)</p>	<p>Automatic Weather Station (cabling, construction works, installing fences, concrete bases and all ground leveling needed for the installation)</p>
2012	<p>Ministry of Water & Irrigation</p>	<p>Telemetric Water Resources Observation Network, Phase 3; Supplying, installation, commissioning and maintenance of 30 stations (cabling, construction works, installing fences, concrete bases and all ground leveling needed for the installation)</p>
2011	<p>Ministry of Water & Irrigation</p>	<p>Telemetric Water Resources Observation Network, Phase 2; Supplying, installation, commissioning and maintenance of 35 stations (cabling, construction works, installing fences, concrete bases and all ground leveling needed for the installation)</p>