

بنسیان  
BENSYAN

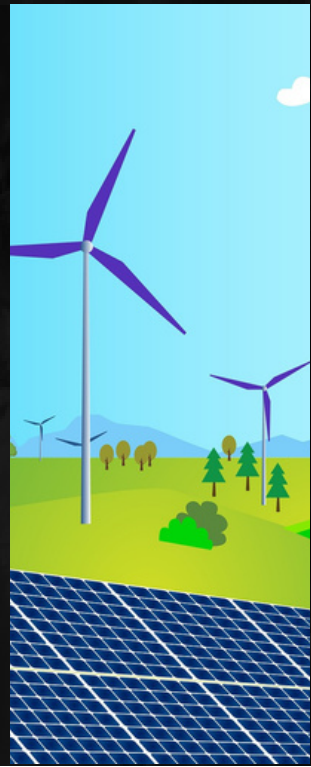


# BENSYAN ENGINEERING TECHNOLOGY

Strategy without tactics is the slowest  
route to victory.

Tactics without strategy is the noise  
before defeat.

[bensyan.com](http://bensyan.com)



# WELCOME TO **BENSYAN** 2008-2023

The basis of any business practically relay under a precise and adequate measurement of activities during the course of works.

The successive movement in the business life starts with establishing the basic foundation towards inclusive commitment.



*Mohannad*

+962 79 566 7757

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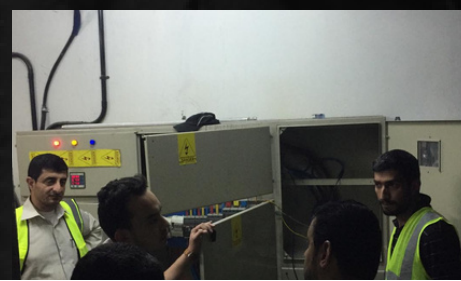
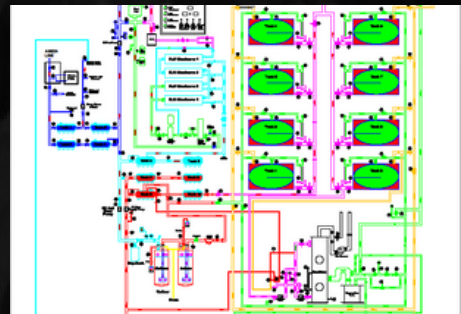
# ABOUT US

**Bensyan was established in 2008, in Aqaba, Jordan. It serves the growing economic growth sector in the region in most sectors of the Jordanian economy, including:**

- Construction and infrastructure works
- Industry sector.
- Ports.
- Oil, gas, and storage projects.
- Renewable energy.
- Commercial and hotel sector.
- Health and hospitals sector.
- EV Charger.

Our company's distinctiveness serves as a source of strength. Fostering a more diverse, inclusive, and equitable organization is a paramount objective. This commitment extends benefits not only to our teams but also to our valued customers and the broader community. Empowering each team member to contribute their unique perspectives and experiences is a cornerstone of our ethos, and we continuously explore innovative avenues for doing so.

Our unwavering aspiration is to excel in every facet of our work, consistently delivering at a global standard. Excellence is not just an end goal but a fundamental approach to achieving it. Our dedication to excellence drives us to continually enhance both ourselves and our business operations.





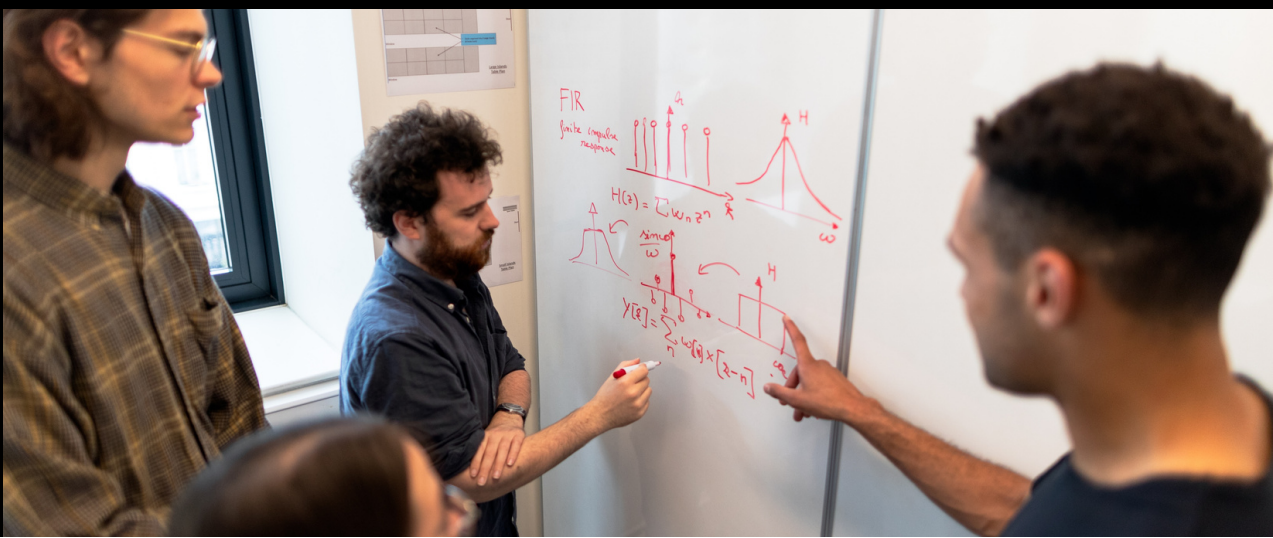
# COMPANY VALUES

**1. EQUALITY:** Our work culture provides equal opportunities for all employees by ensuring that everybody participates in the company's growth regardless of race, gender, age, sexual orientation, language, and social origin.

**2. EMPOWERMENT:** Through tried and tested learning modules we strive to train and equip individuals with the necessary tools and techniques that promote maximum efficiency within the workplace.

**3. EXCELLENCE:** Bensyan believes in making a concerted effort and we have a sincere desire to consistently anticipate and meet our customers' expectations. Achieving this requires attention to detail, quality, timeliness, and commitment in every aspect of managing our customers' experience.

**4. RESPECT:** We aim to promote good conduct by showing esteem to different authorities, individuals, and cultures regardless of age, race, and origin.



# COMPANY VALUES

**5. COMPASSION:** We believe compassion is an important factor in building a successful workplace, helping to bring the world of human interaction back into focus in organizational set-ups, and shedding light on the significance of everyday interpersonal relationships at work. Focusing on compassion at work provides an opportunity to develop ways in which positive interpersonal behavior contributes to individual and organizational achievements.

**6. INTEGRITY:** We strongly believe that adhering to moral and intrinsic values is a fundamental aspect of building trustworthy relationships.

**7. DIVERSITY:** We create a global marketplace to better understand & meet the requirements of customers in varying demographic sectors. We therefore acknowledge and support our diversified teams globally to help us achieve the best results. **8. EFFICIENCY** Our objective is to optimize our tools & resources to effortlessly impart the highest quality and timely delivery of services, & consequently achieve the desired goals.



# BENSYAN SCOPE OF WORK

01

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Engineering  
Projects Management  
Design  
Consultation

02

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Contracting  
Operation  
Maintenance

03

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Supply (Trading)

04

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Inspection  
Testing

05

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Renewable Energy  
PV  
Wind Turbine  
Hydrogen

Energy Auditing  
Energy Storage  
EV Charger



# 01

## Engineering Projects Management Design Consultation

- 1- Land Survey & Topography Diagrams.
- 2- Shop Drawings & As Built & Process Diagrams.
- 3- Loss Adjustments.
- 4- Planning & Scheduling.
- 5- Visibility Study & Risk Management.
- 6- Cost & Commercial Management.
- 7- Tenders & Contracts Administration.
- 8- Take-off Measurement sheets & the relevant cost estimations.



- 9- Preparing the B.O.Q book and tender documents.
- 10- Set out the cost plan for the whole project life cycle.
- 11- Interim Payments Evaluation & Financial Statements.
- 12- Claims Processing.
- 13- Assessing Final Account amicable Settlements & V.O'mAs.4110
- 14- BIM (Building Information Management).

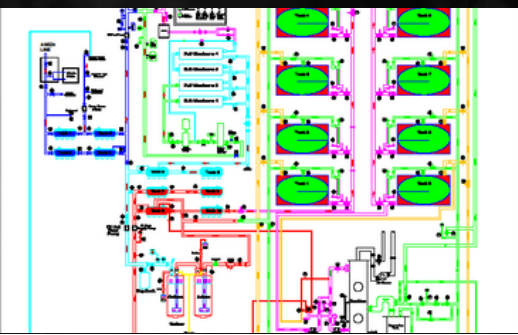
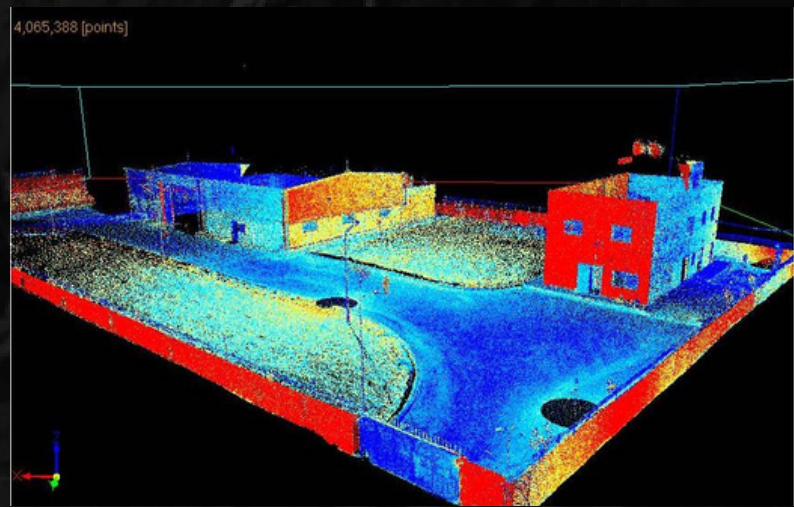
# OUR PROJECTS

**Project Name:** As-Built Process & Layout Drawings.

**Client Name:** 1st Chemical Industries, In Southern Industrial Area.

**Location:** Aqaba, Jordan.

Flow diagrams, Schematic Drawings, ELM & control diagrams, Process Piping layout, General site plan layout & Water Supply & Fire fighting.

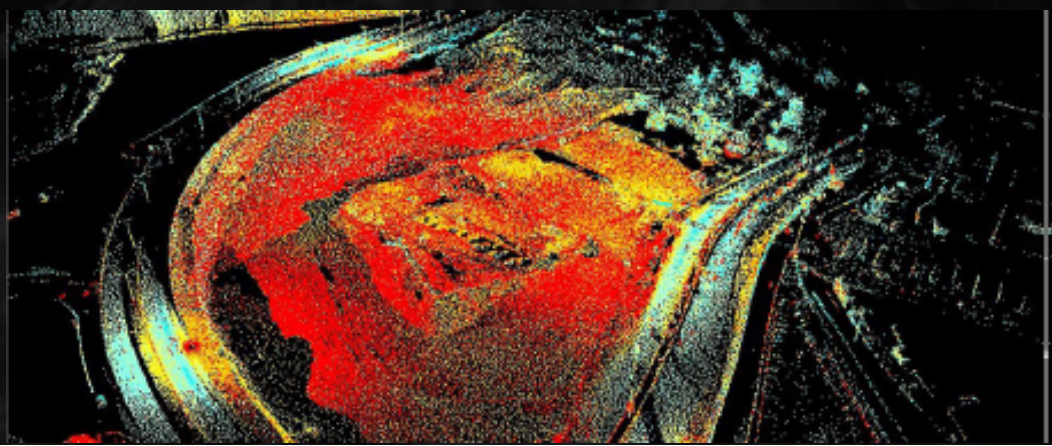
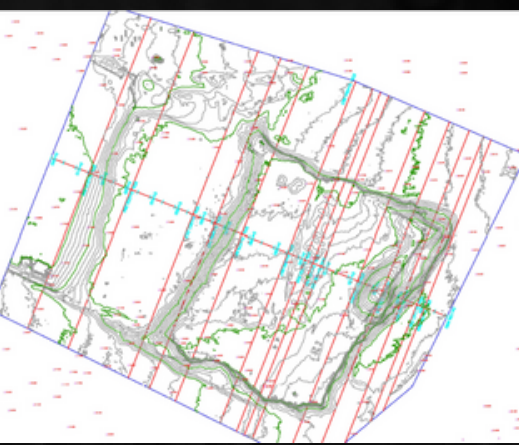
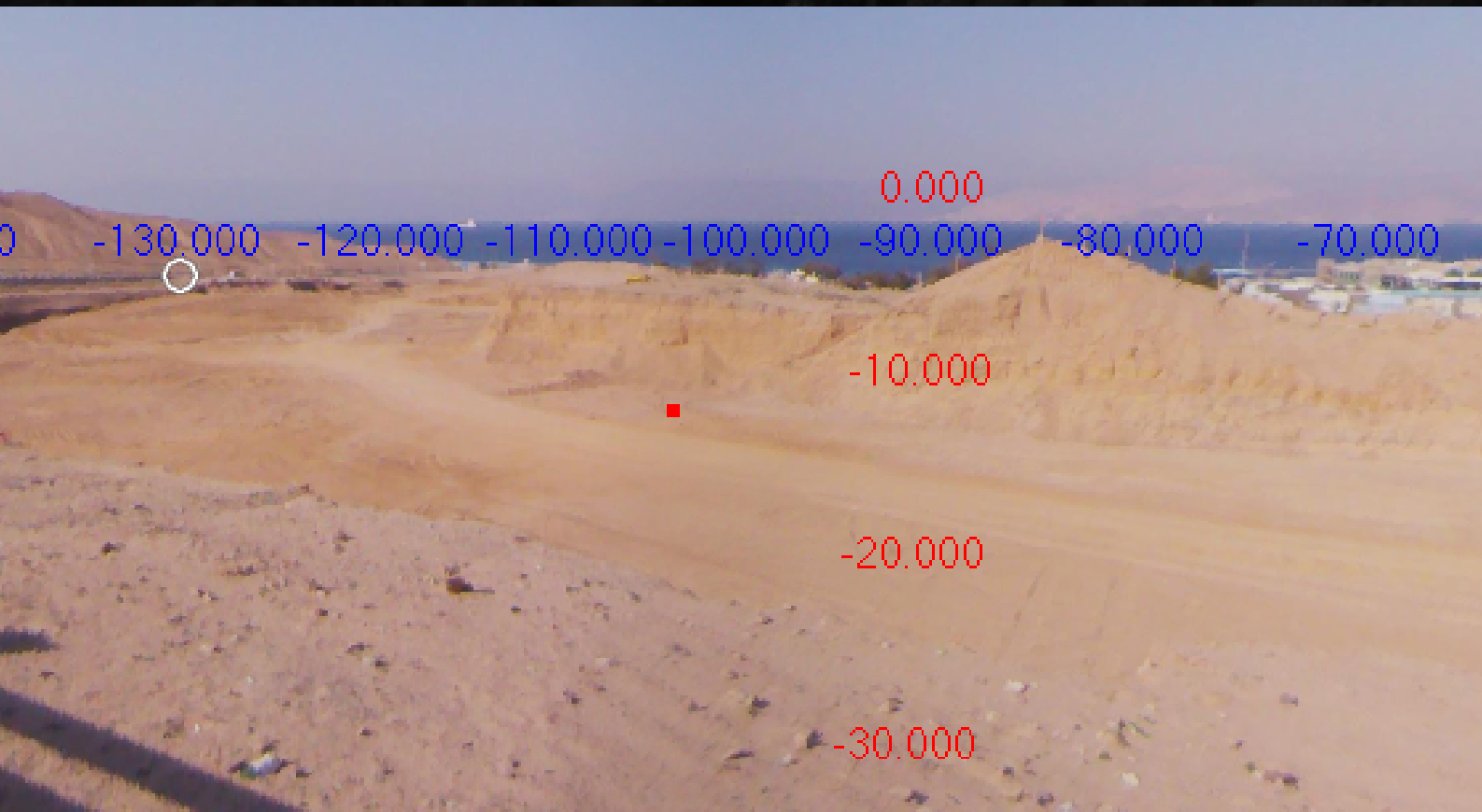


**Project Name:** Quantity Survey & Topography Drawings.

**Client Name:** Aryaf Contracting Co. In Passenger Port – South Beach.

**Location:** Aqaba, Jordan.

By collecting the NGL Coordinates for a mountain using a 3D Laser Scanner and the Design finish floor level we calculate the amount of Cut & Fill using scan master software and civil 3D.



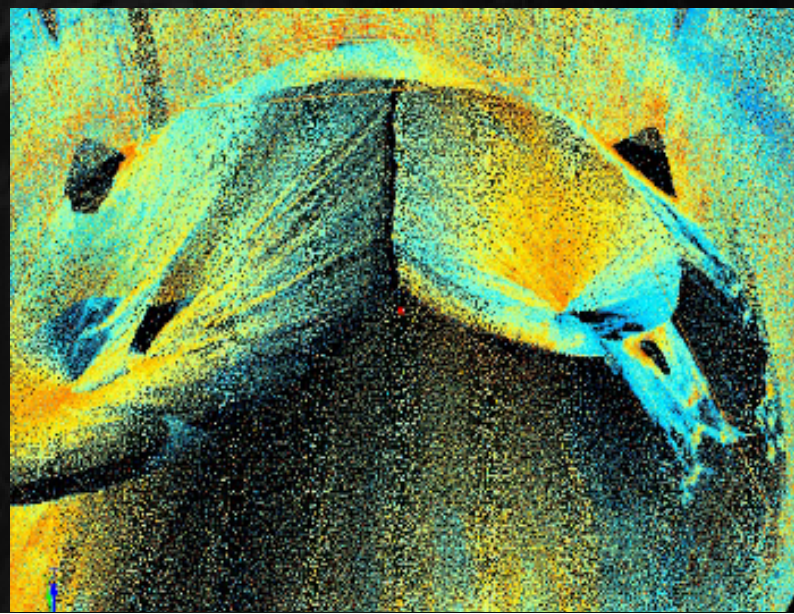
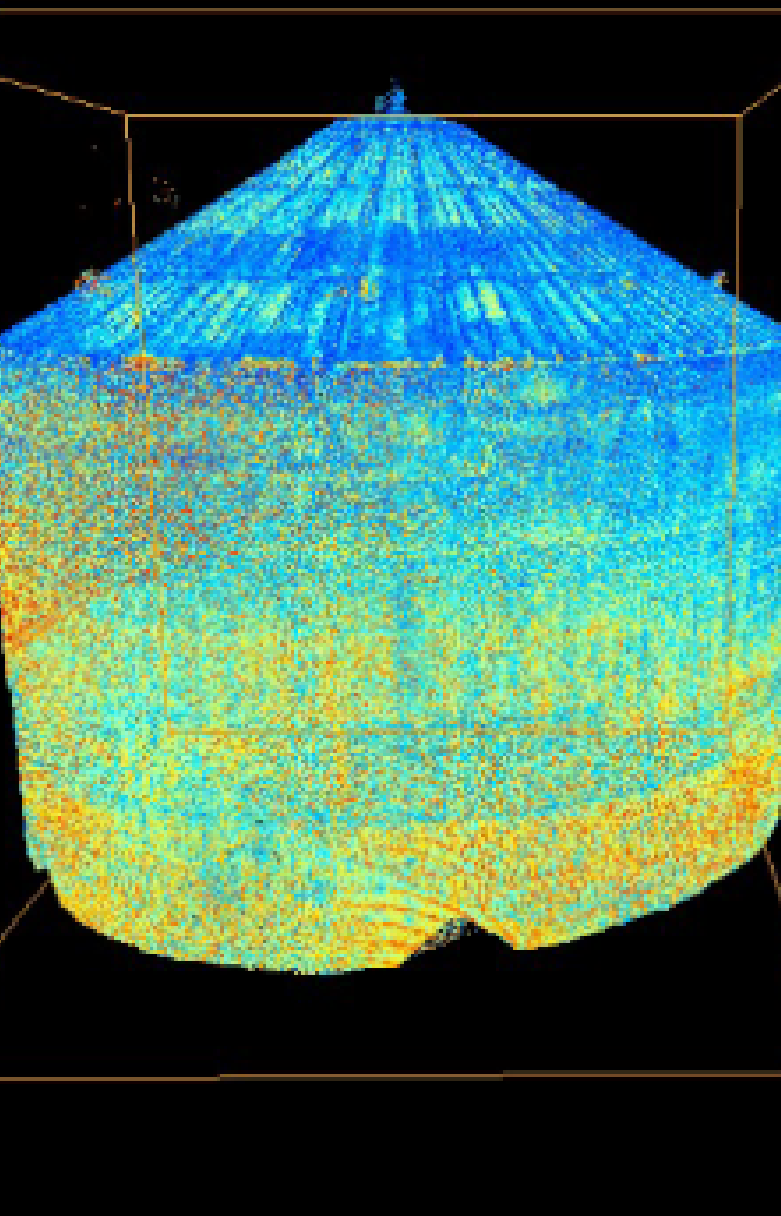


**Project Name:** Bulk Rice Volume Calculation.

**Client Name:** Aqaba Processing Co.

**Location:** Aqaba, Jordan.

Determine The Rice Amount in The Silos by 3D-Scanning.

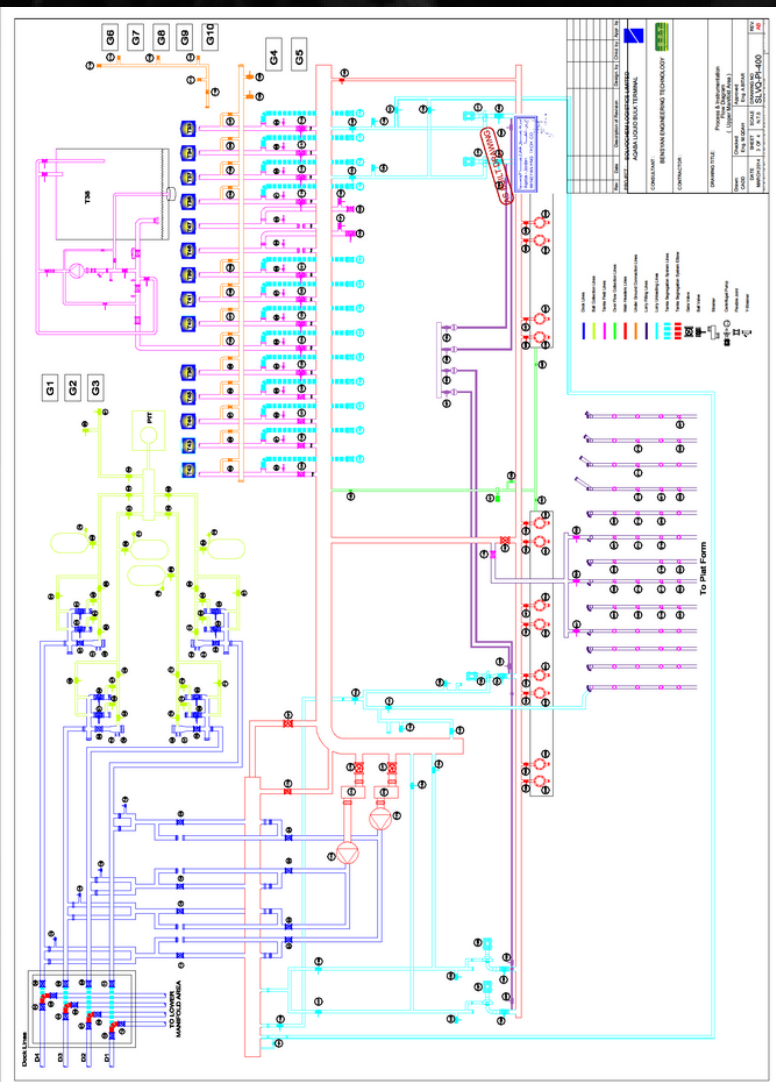


**Project Name:** As Built Drwing.

**Client Name:** Solvochem Logistic LTD In Southern Industrial Area

**Location:** Aqaba, Jordan.

A.B.D for Tanks farm & Site Layout, Tanks Bottom 7 roof & shell plates arrangement, Process & schematic drawings.



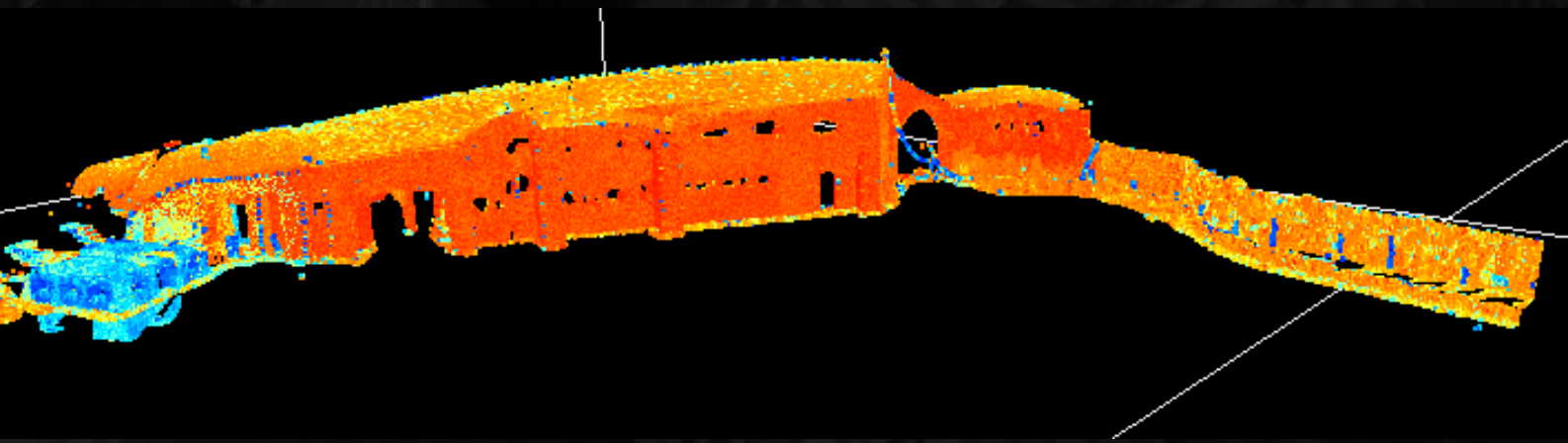


**Project Name:** Ayla Beach Restaurant.

**Client Name:** Ayla Beach Restaurant.

**Location:** Jordan.

A.B.D for Tanks farm & Site Layout, Tanks Bottom 7 roof & shell plates arrangement, Process & schematic drawings.



-22.975	42.414	-3.131
-24.287	36.424	-0.650
-24.290	36.451	-0.652
-24.290	36.502	-0.650
-24.274	36.561	-0.655
-24.275	36.658	-0.668
-22.223	34.571	-2.002
-22.223	34.543	-1.969
-22.227	34.542	-1.898



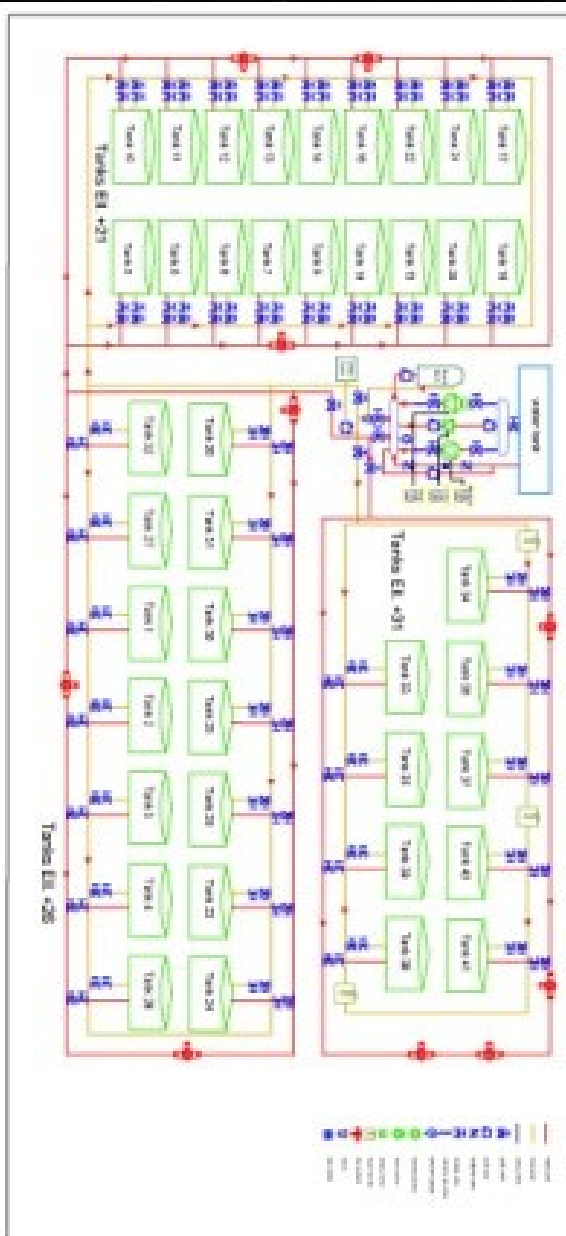


**Project Name:** Tanks Rehabilitation According to API 560.

**Client Name:** National Trading & Contracting Co.

**Location:** Southern Industrial Area – Aqaba, Jordan.

Engineering works include non-destructive tests, as-built drawings, technical consultations, and reports. Physical Works includes.





**Project Name:** Zara Hotel.

**Client Name:** Sigma Consultants Office.

**Location:** South Beach, Aqaba, Jordan.

Supervising the all the Mechanical works.



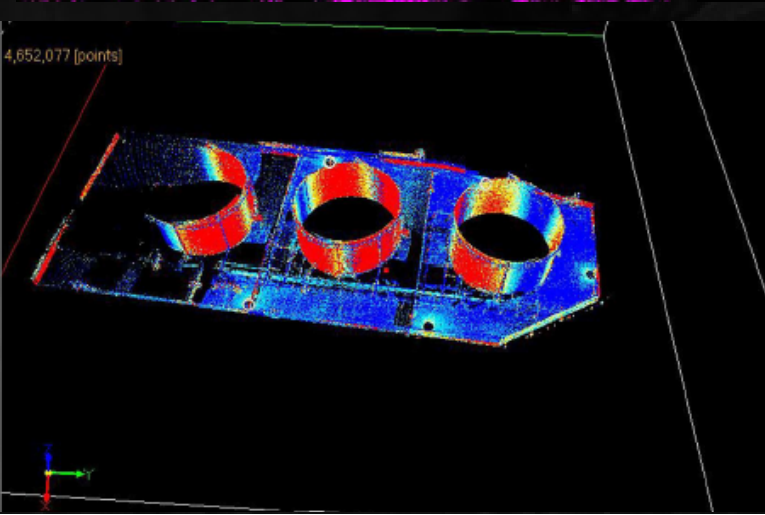
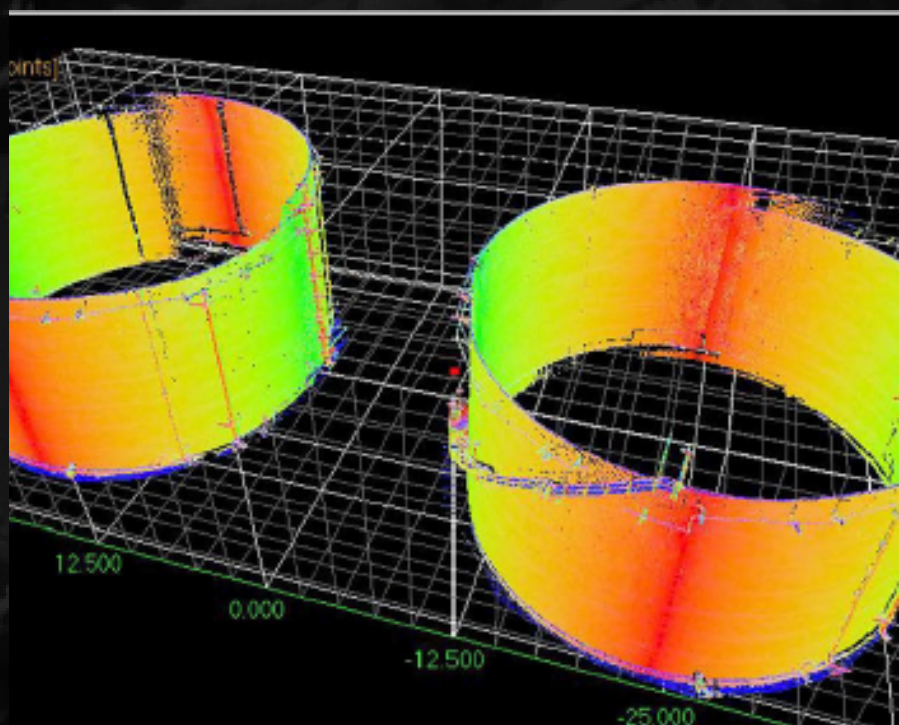


**Project Name:** Tanks Calibration (T49 & T50).

**Client Name:** Samra Electric Power Co.(SEPCO).

**Location:** Jordan.

Tank Capacity Table Give capacities in Cubic Meter corresponding to liquid heights measured at the defined dip point. It shows the volumes at various levels every 1 cm from the Gauge Datum Plate at the tank floor.





**Project Name:** Infra-Structure Works @ Marsa Zayed  
Project Manager - Contractor Representative.

**Client Name:** Al-Maabar Real-estate Development Co. & Hussien Ateieh Contracting Co.

**Location:** Jordan.

Sewage Network, Storm Water, Water Supply, Irrigation Network, Power Supply, Telecommunication Network, External Lighting, Roads, Soil Reinforcement (Huesker Geosynthetic Systems), Retaining Wall.





**Project Name:** Prince Hashim Hospital – Consultant.

**Client Name:** Langdon Wilson Consultant Office USA.

**Location:** Jordan.

Drawing & material submittal studies for mechanical services.



**Project Name:** Piping & Pumping Station Rehabilitation.

**Client Name:** Al-loud Contracting Co. - Merceycorps - USAid

**Location:** Summayah - Mogayer Al-Serhan - Al-Mafraq, Jordan.  
Ductile Iron & HDPE Water Lines Network.





# 02

## Contracting Operation Maintenance

- 1- Superstructure & Building Construction.
- 2- Infrastructure Services.
- 3- Steel Structural & Fabrication.
- 4- E/M Services & Telecommunications & Home Automation.
- 5- General Maintenance.
- 6- Finishing and Decoration.
- 7- Roads & Excavations. 8- Oil Tanks Rehabilitation.
- 9- Water Treatment Rehabilitation & Water Desalination.
- 10- Renewable Energy.



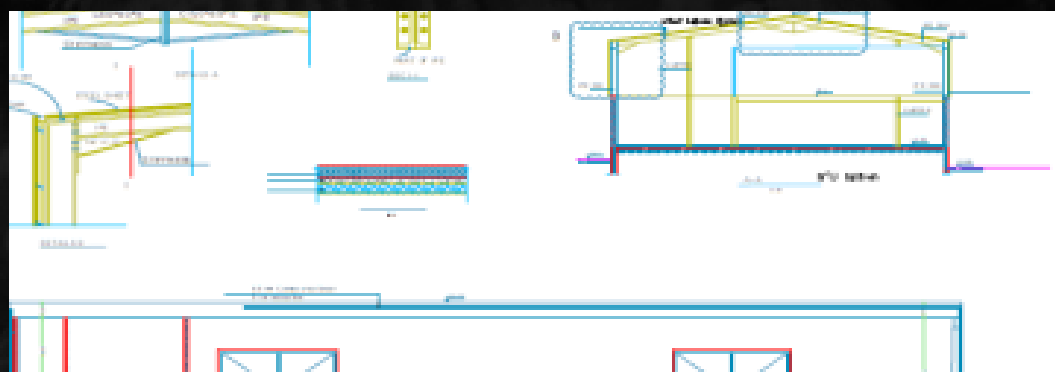
# OUR PROJECTS

**Project Name:** Steel Structure Hangers.

**Client Name:** Abdeen & Gammo Co. Hunger, Ma'en Hunger Al-Baddad & Hunger.

**Location:** Aqaba, Jordan.

Full design & Erection include steel structure, civil & ELM Services.



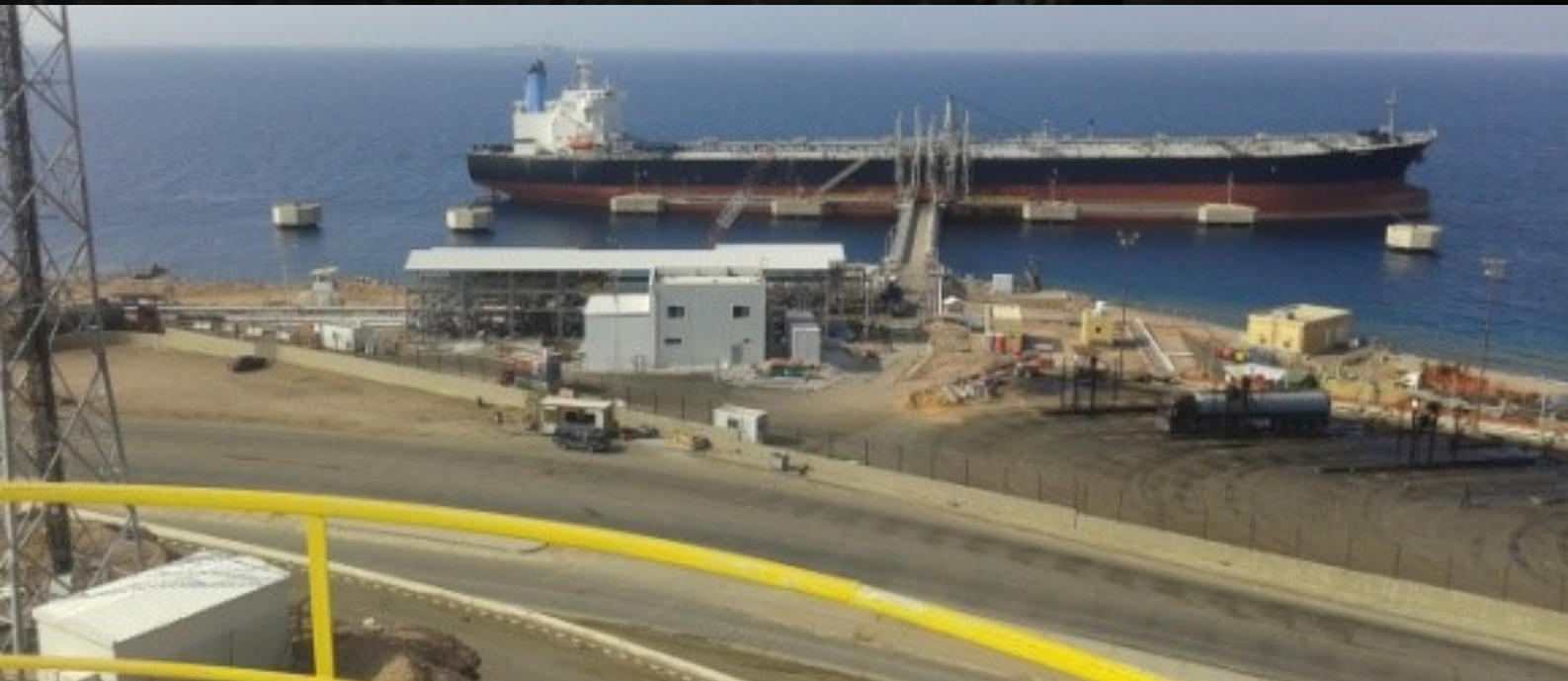


**Project Name:** Aqaba Special Economic Zone Authority:

**Client Name:** LPG Terminal.

**Location:** Aqaba, Jordan.

Complementary & rehabilitation of public services.





**Project Name:** Water Line Network.

**Client Name:** Afnan Contracting Co. - Meyahona

**Location:** Madabamm, Jordan.

Ductile iron piping network including valves & HDPE connection.



# 03

## Supply (Trading)

- 1- NDT Equipment – Europe & China.
- 2- Steel Structural – Local Fabricated & Gulf.
- 3- Sealants & Adhesives – WEICON Products – Germany.
- 4- Rust Protection Material.
- 5- Nano Technology for Domestic applications.
- 6- Pipe & Fittings.
- 7- Solar Panels, inverters & PV accessory.
- 8- Solar Systems Components. Survey Equipments, Total Stations, Level, GPS, Echo.
- 9- sounder & 3D Laser Scanners.
- 10- De-Scaling Equipment.
- 11- Lubricants.
- 12- Bitumen Membrane.

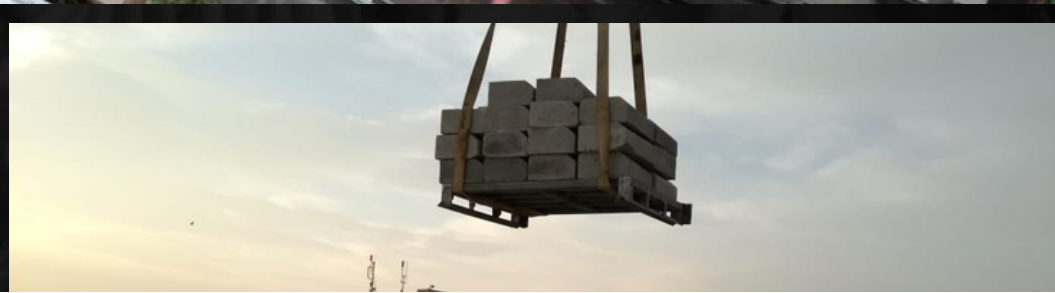
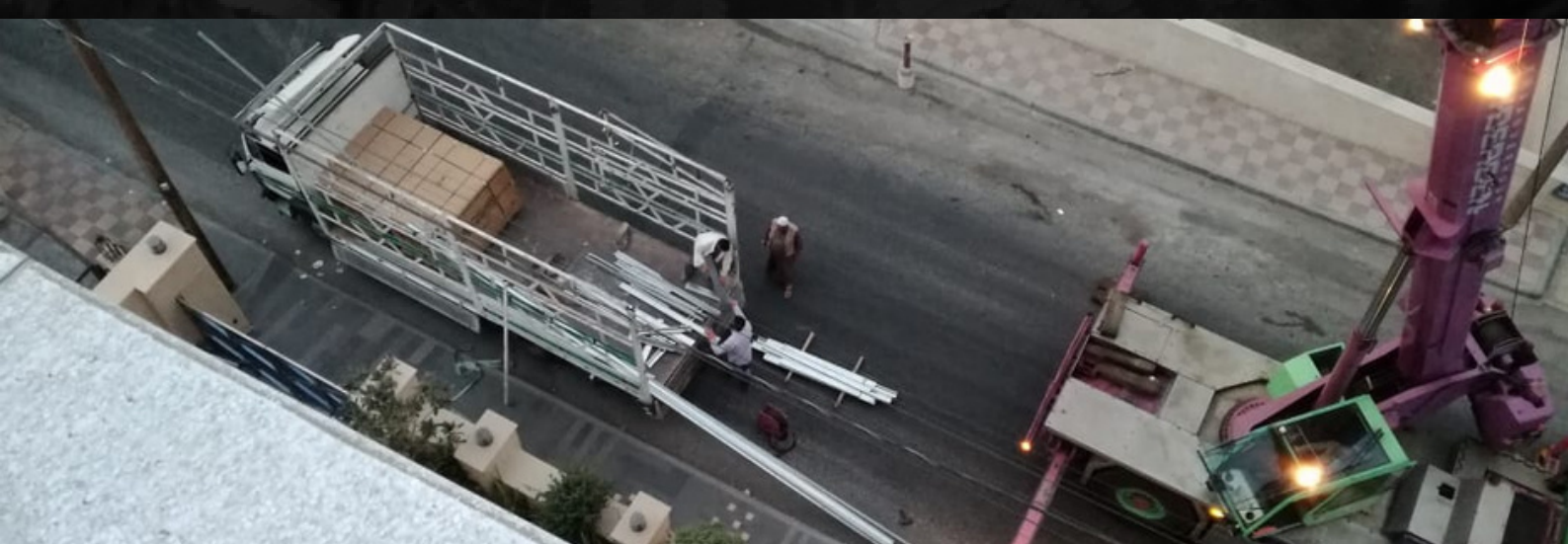
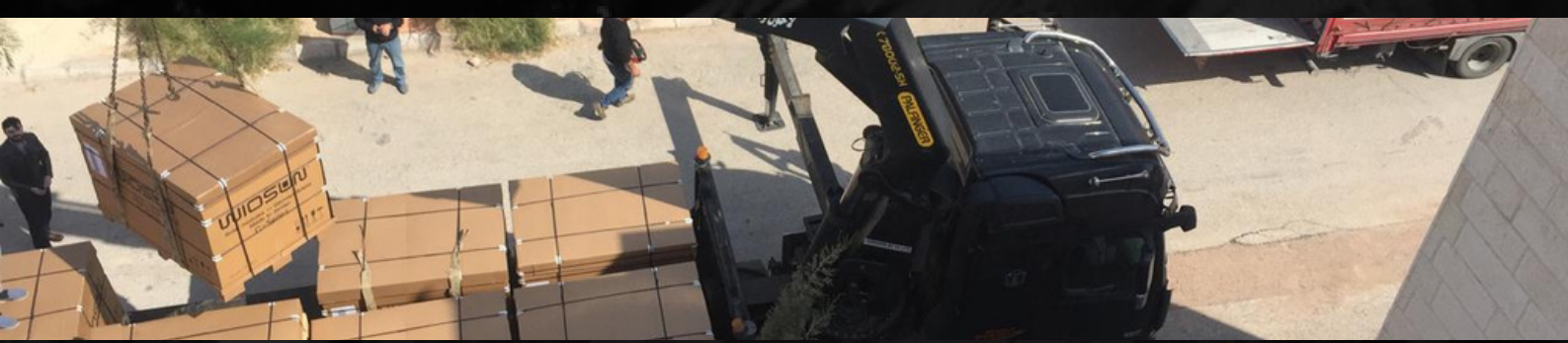




# OUR PROJECTS

## Summary:

We have actively engaged in supplying materials for numerous projects, encompassing both solar energy initiatives and various other project types. Each project, without exception, involved a meticulous stage of material procurement. Additionally, we have also provided material supplies to external projects and partner companies as part of our comprehensive service portfolio.



# 04

## Inspection Testing

1- Welding Non-Destructive Tests (NDT) including:

- Ultrasonic Testing (UT).
- Penetration Test (PT).
- Visual Test (VT").
- Magnetic Flux Test (MT).
- Radiography Test (RT).

2- BOD, COD, TSS, PH.

3- Photovoltaic System testing.



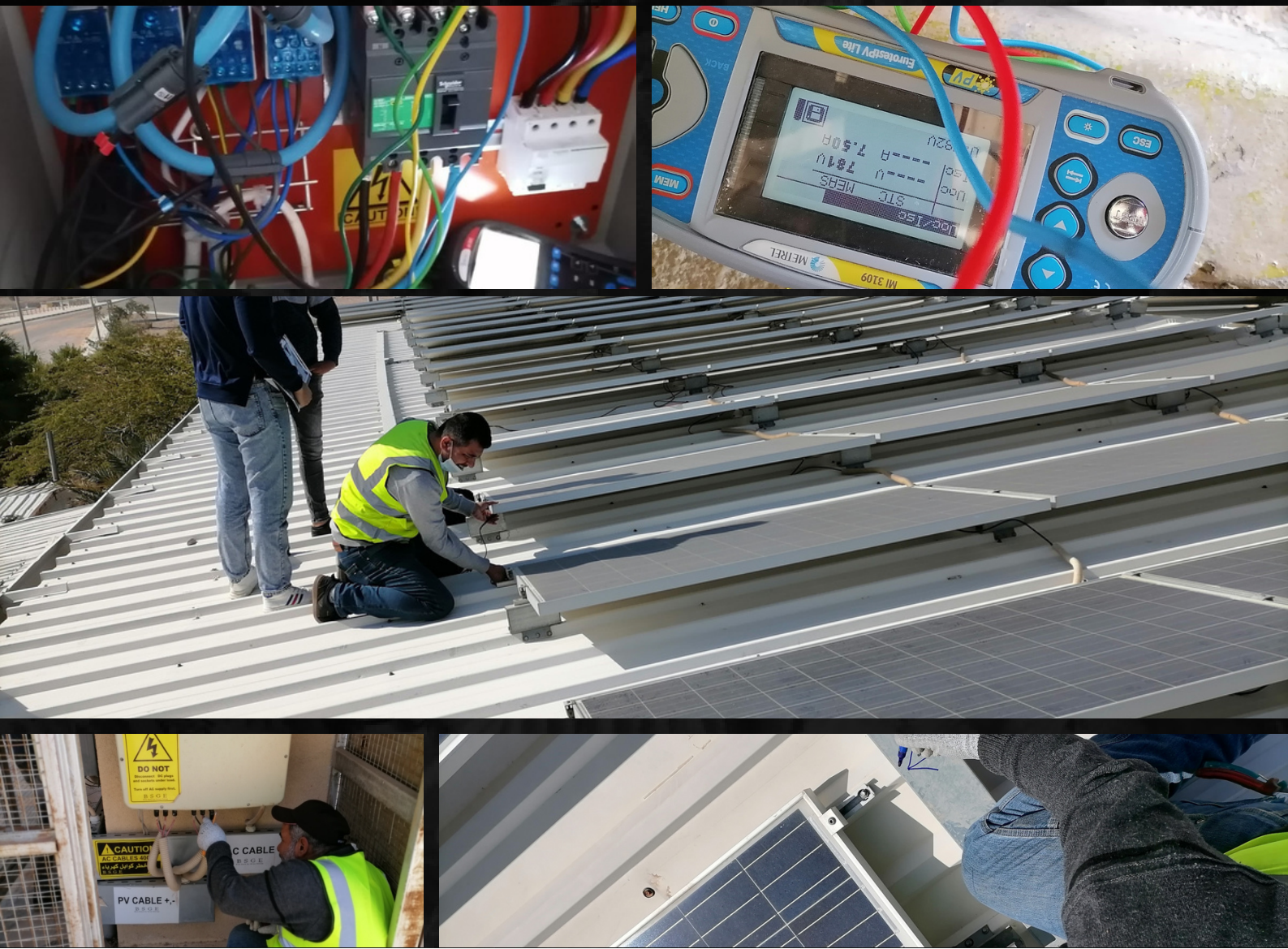


# OUR PROJECTS

## Summary:

Numerous projects, encompassing solar energy initiatives and various other ventures, have undergone thorough evaluation. During these examinations, our team diligently identifies and provides tailored solutions to the challenges encountered, always aligning with the specific needs and requests of our valued customers.

These evaluations are conducted using state-of-the-art examination equipment, and our team consists of highly skilled technicians and engineers who possess expertise in the respective field. This commitment to comprehensive assessment ensures that we deliver optimal solutions to address project complexities.





# 05

Renewable Energy  
PV  
Wind Turbine  
Hydrogen

Energy Auditing  
Energy Storage  
EV Charger

**1- Site Assessment and Feasibility:** Evaluate location suitability and economic viability, considering factors such as solar exposure, space, and ROI.

**2- Panel Selection and Design:** Choose efficient, durable panels and design an optimized system layout to maximize energy generation.

**3- Quality Installation:** Ensure components meet standards, and follow best practices for safe and long-lasting installation.

**4- Monitoring and Testing:** Implement real-time monitoring, and conduct regular tests to maintain optimal system performance.



**5- Documentation and Education:** Provide thorough documentation, and educate customers on system usage, maintenance, and benefits.

**6- Integration with Grid and Energy Storage:** Design for seamless grid integration and, if applicable, consider energy storage for improved efficiency and reliability.



# OUR PROJECTS

## Summary:

The company has successfully executed numerous residential projects (3.6kw), to medium and large-scale ventures. Notably, some of these projects have exceeded the impressive milestone of 1 megawatt, showing the company's prowess at a national level within the Kingdom.

Within the purview of our company profile, we have engaged in over 150 residential projects, and additionally, we've successfully managed more than 50 projects with capacities under 10 kilowatts.



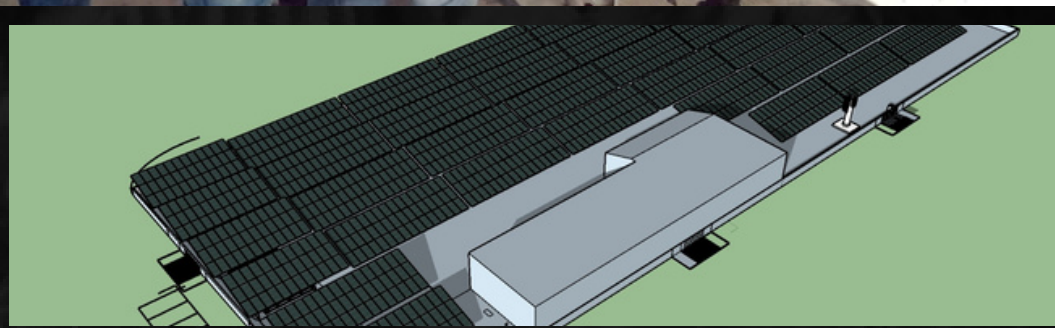


**Project Name:** Classic Fashion Factories (4.0 MW).

**Client Name:** Classic Fashion

**Location:** Jordan.

We have undertaken various projects throughout the Kingdom for classic fashion, with notable achievements including the successful installation and connection of 4.0 MW of solar power to the electricity grid. Presently, we are actively engaged in the evaluation and planning of several projects, each with a capacity of 4.0 MW, reflecting our continuous commitment to sustainable energy solutions.



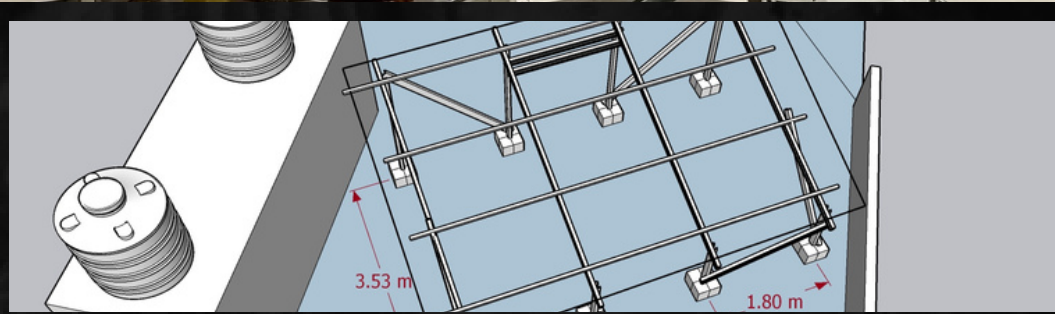


**Project Name:** Solar Energy For Homes (2.5 MW).

**Client Name:** More Than 500 Citizens

**Location:** Jordan.

With a strong track record reflected in our company profile, we have successfully installed and operated more than 2.5 MW of solar energy systems for residential projects. These systems are tailored to individual homes, with capacities ranging from 3.6 to 10.0 KW per house.



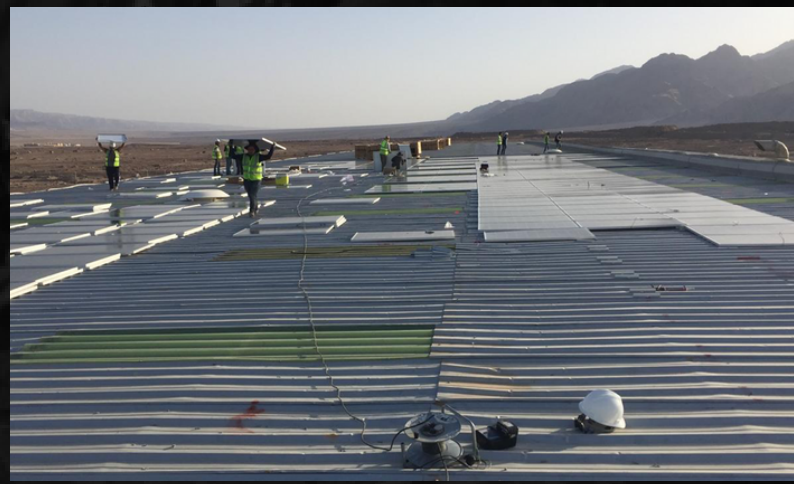


**Project Name:** Orbit Aluminum Factory (1.0 MW).

**Client Name:** Orbit Aluminum Industries

**Location:** Aqaba, Jordan.

We successfully implemented a remarkable 1.0 MW solar energy system for Orbit Aluminum Industries in the Aqaba region. This system caters to the energy needs of industrial processes involved in the production of aluminum building structures and related products. Its impact extends beyond our local landscape, reaching diverse markets in the Middle East, Europe, and North America.



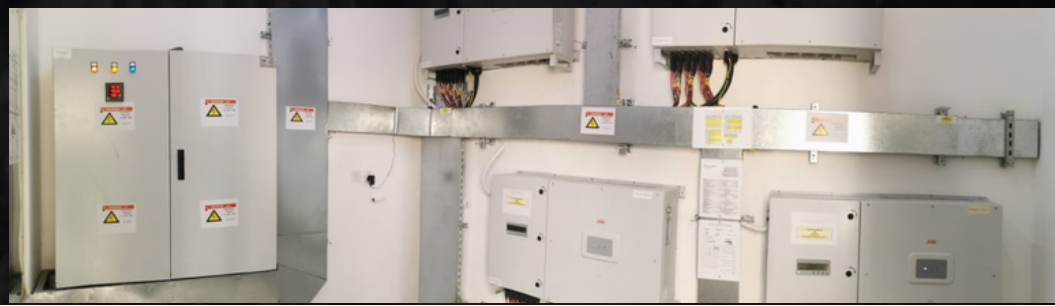
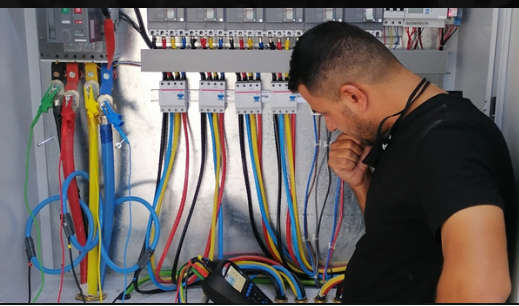


**Project Name:** Benhayyan Aqaba International Laboratories (227 KW).

**Client Name:** Aqaba Special Economic Zone Authority (ASEZA)

**Location:** Aqaba, Jordan.

We designed and provided a solar energy system for Bin Hayyan's two laboratories, incorporating civil works and construction to create shaded car parking areas beneath the solar panels. Additionally, a command and control room was constructed as part of this project. Notably, this project achieved a remarkable capacity of 227 KW, further exemplifying the company's expertise as detailed in the previous paragraph.





**Project Name:** Several Mosques (250 KW).

**Client Name:** Awqaf Ministry.

**Location:** Jordan.

Solar energy systems have been expertly installed in several mosques across Jordan, more than ten mosques, each with varying capacities tailored to their unique requirements. Collectively, these installations amount to a substantial total of nearly 0.25 MW, exemplifying the company's commitment to renewable energy solutions within the Kingdom.





**Project Name:** Markets & Malls (250 KW).

**Client Name:** Milad Al-Natour & others.

**Location:** Aqaba & Irbid, Jordan.

Solar energy systems have been successfully operational in various markets and shopping centers, boasting a cumulative capacity surpassing 100 kilowatts. Notable establishments benefiting from these systems encompass "Zeina Mall" in Aqaba, "Al Rayyan Markets" in Irbid, and several other notable projects.





**Project Name:** Solar Pumping (150 KW).

**Client Name:** Dr. Faour Khazer & others.

**Location:** Irbid & Tafileh, Jordan.

Multiple projects in the field of "Solar Pumping" have been efficiently implemented within the region. Noteworthy among these projects are those installed in Irbid by Dr. Faour Khazer, along with several others located in the southern region, particularly in Tafileh. This system is distinguished by its capacity to extract water in alignment with solar strength and system productivity.





**Project Name:** Wheeling Systems (100 KW).

**Client Name:** Sharqtali Sons Company & others.

**Location:** Amman & Irbid, Jordan.

Several "Wheeling Systems" have been strategically designed for numerous projects, with a notable highlight being the collaboration with Sharqtali Sons Company. These innovative systems are tailored to facilitate the creation of centralized solar panel farms, which efficiently distribute energy to multiple subscription points across various locations. This approach aligns with our commitment to delivering diverse and efficient solar solutions.



# PROJECTS SUMMARY

## **Engineering & Projects Management:**

In this field, our portfolio encompasses a range of impactful projects. "As-Built Process & Layout Drawings" involve creating visual representations like flow diagrams and control diagrams. "Passenger Port – South Beach-Aqaba" integrates 3D Laser Scanning for quantity surveying. "Bulk Rice Volume Calculation" utilizes 3D scanning for measuring silo contents. "Tanks Rehabilitation" prioritizes quality with non-destructive tests and precise as-built drawings. "Tanks Calibration" ensures accurate capacity tables for optimal storage. Managing "Infra-Structure Works @ Marsa Zayed – Aqaba" demonstrates adept project orchestration, spanning sewage, stormwater, power, and more. Looking ahead, leveraging 3D tech for BIM and sustainability opens doors for eco-friendly designs and smart city integration. Automation and AI promise streamlined construction and predictive insights, shaping an innovative future in Engineering & Projects Management.

## **Contracting, Operation & Maintenance:**

In this field, our team has achieved significant milestones through diverse projects. This encompasses designing, erecting, and integrating steel structures, civil work, and electromechanical services for Steel Structure Hangars in Aqaba. You've demonstrated versatility by rehabilitating water line networks in various locations, using Ductile Iron and HDPE materials for enhanced efficiency. Notably, your expertise extends to water supply solutions, including Ductile Iron piping, valves, and HDPE connections in Madaba. The LPG Terminal project highlights your comprehensive approach to infrastructure by enhancing public services. Additional accomplishments involve miscellaneous civil works, ranging from riprap installation to steel structure integration, showcasing your commitment to holistic infrastructure development. These achievements lay a strong foundation for future pursuits in sustainable infrastructure, smart city solutions, and renewable energy ventures, bolstering your position in "Engineering & Projects Management."



## **Inspection & Testing:**

In this field, our work revolves around ensuring the reliability and efficiency of diverse projects. For the Aqaba Jordan Customs Car Park, we conducted third-party testing of a solar system, validating its performance and adherence to standards. In the case of the Al Rayyan Market in Irbid, Jordan, our inspection revealed improper load distribution in the 3-phase electrical system, prompting corrective actions. Building on these experiences, our future lies in harnessing technologies like IoT for real-time insights and expanding our reach to various industries. By collaborating with experts and staying abreast of advancements, we aim to innovate inspection methodologies, guaranteeing quality and safety across projects on a broader scale.

## **Photovoltaic Project:**

This field encompassed the design, installation, and maintenance of a solar photovoltaic system. The project involved procuring solar panels, inverters, and related components from upstream suppliers. The installation phase included positioning the panels for optimal sun exposure and configuring the inverters for efficient energy conversion. Regular maintenance was implemented to ensure the system's longevity and performance, including cleaning panels, monitoring energy output, and addressing any technical issues. The project aimed to harness renewable solar energy, contributing to sustainability while demonstrating the potential of photovoltaic technology in generating clean electricity.

# MEET THE TEAM



## ENG. MOHANNAD ALQUDAH

### CEO & Founder

From a simple idea in 2008 to a global solar solutions leader, I'm humbled by Bensyan's journey. Our values—diversity, excellence, equality—fuel our growth. Seeing unique perspectives thrive here, and driving innovation, is my greatest joy.



## ENG. MALIK SHAHIR

### TECHNICAL MANAGER

My role in Bensyan is a perfect blend of challenge and inspiration. I'm proud to lead diverse engineering projects and embrace the company's unwavering commitment to excellence and integrity. Here, we empower each other to innovate, learn, and deliver top-notch results.



## BASSAM AL-KHALIDI

### SUPERVISOR

Guiding projects from plans to reality, I'm the bridge between vision and execution. Making our CEO's dreams real, while fostering respect and positivity, makes my role more than a job—it's my passion.



# MEET THE TEAM



**ENG. AMMAR MASHREQI**

## CONTRACT MANAGER

Bensyan's values resonate deeply with me. I handle tenders and contracts while upholding the company's integrity and commitment to equality. I'm part of a collaborative environment that fosters trust and exceptional project outcomes.



**ENG. FAYEZE AL-ZOUBI**

## SITE MANAGER

My daily priorities are seeing projects come to life and ensuring safety and quality. The company's commitment to respect, compassion, and diversity aligns perfectly with my values, rewarding my role.



**ENG. HAMZA JARADAT**

## OFFICE MANAGER

I'm the behind-the-scenes support ensuring Bensyan's operations run seamlessly. I appreciate the company's emphasis on efficiency, excellence, and integrity. The diverse and inclusive workplace fosters teamwork and positive relationships, making my role meaningful and satisfying.

BENSYAN FOR ENGINEERING TECHNOLOGY

# LET'S WORK TOGETHER

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