



iquni

Engineering Consulting

أيقوني للإستشارات الهندسية





Portfolio Content

▶ **About Us**

▶ **Vision**

▶ **Mission**

▶ **Values**

▶ **Services**

▶ **Projects**

▶ **Our clients**

▶ **Contacts**



The slide features a light gray background with a faint, high-angle photograph of a modern office interior, showing wooden desks, white chairs, and various papers and documents. In the top-left corner, there are three solid-colored squares: a small dark blue square, a medium dark blue square, and a large medium blue square. The title 'Company Overview' is centered in a large, bold, dark blue sans-serif font.

Company Overview



About Us 



About Us

Welcome to iQuni Engineering Consulting

At iQuni, we are a premier engineering consulting firm offering a comprehensive range of structural services. Our expertise spans Engineering Design, BIM Methodologies, Shop Drawings, Project Management, and Construction Supervision. We are committed to providing exceptional solutions to our clients in the construction industry

Our extensive portfolio showcases successful projects across Egypt, the GCC, and Africa. Our team of highly skilled and experienced engineers consistently delivers innovative and efficient structural designs. From residential and commercial buildings to industrial complexes, our work has significantly impacted the skylines of these regions

Our ambitions extend beyond our current markets. We are determined to expand our presence into other construction markets, recognizing the immense potential and opportunities they offer. Our goal is to bring our expertise and services to these promising regions, contributing to their growth and development



Vision & Mission 



Vision

Our Vision at iQuni Engineering Consulting

At iQuni, our vision is to become the leading engineering consulting firm across the Middle East, GCC, Africa, and beyond. We aspire to be recognized for our innovative and sustainable solutions, setting new benchmarks of excellence in the industry. By consistently delivering outstanding results and surpassing client expectations, we aim to shape the future of engineering consulting globally



Mission

Our Mission at iQuni Engineering Consulting

At iQuni, our mission is to deliver exceptional engineering consulting services that ensure the success of our clients' projects. We are dedicated to providing innovative, efficient, and sustainable solutions that adhere to the highest industry standards. Our commitment is to exceed client expectations and contribute to the advancement of the engineering field



Values >>



Values

- **Core values and principles for iQuni Engineering Consulting Innovation:**

We embrace creativity and strive to implement cutting-edge solutions in our projects

- **Quality:**

We are committed to delivering excellence and maintaining the highest standards in our work

- **Professionalism:**

We conduct our business with the utmost professionalism and respect for all stakeholders



Values

- **Continuous Improvement:**

We are dedicated to continuous learning and improvement to stay ahead in the industry

- **Safety:**

We prioritize the safety and well-being of our team, clients, and the communities we serve



Our Services >>>



Our Services



The background features a faint illustration of a laptop. On the laptop screen, the word 'SERVICE' is visible. Several colorful sticky notes are attached to the laptop: a green one with a camera icon, a yellow one with a magnifying glass icon, a light blue one with a line graph, a pink one with an umbrella icon, and a teal one with the word 'Todo'. A yellow pen is also shown near the laptop.



Our Services 

**OUR
SERVICES**

WHAT WE DO



Design Services



BIM Methodologies



Project Management



**Construction
Supervision**



Our Services >>

1



Design Services:

- **Reinforced Concrete Design:** Design and analyze reinforced concrete structures for buildings.
- **Steel Structures Design:** Develop efficient and economical steel structural designs.
- **Post-Tension Concrete Design:** Specialize in post-tensioned concrete systems.
- **Precast Concrete Design:** Design precast concrete elements for modular construction.
- **Structural Rehabilitation and Retrofitting.**

2



BIM Methodologies

- **Implementing BIM methodologies** to produce 3D Revit BIM modeling.
- **Conducting clash detection** to identify and resolve conflicts between building systems.
- **Performing constructability reviews** to ensure designs can be efficiently built.
- **Utilizing 4D/5D construction simulation** for project planning and cost estimation.



3



Project Management

- **Cost Estimation and Budgeting:** Provide accurate cost estimates.
- **Value Engineering:** Optimize structural designs to reduce costs.
- **Thermal Analysis of Concrete Structures:** Conduct thermal analysis to prevent cracking.
- **Risk Management:** Identify and mitigate risks.
- **Arbitration:** Act as a neutral third party to resolve disputes between project stakeholders.

4



Construction Supervision

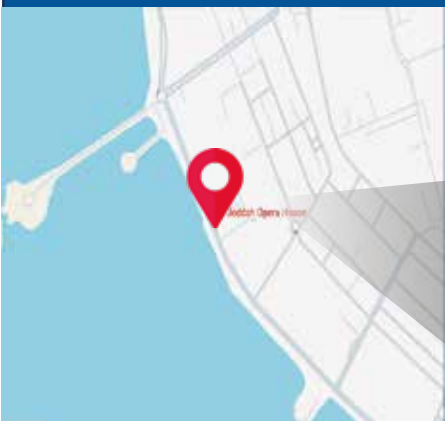
- **Providing oversight of on-site work progress** to ensure compliance with design and safety standards.
- **Advising and coordinating daily operations** to resolve issues and keep projects on track.
- **Conducting regular site inspections** to monitor quality and adherence to plans.
- **Ensuring safety protocols** are followed to protect workers and the public.





Our Projects





● Site: Jeddah, KSA



Projects

Jeddah Opera House

- Scope of work: Thermo-structural analysis of the raft concrete foundation.
- Client: MBL – Modern Building Leaders.

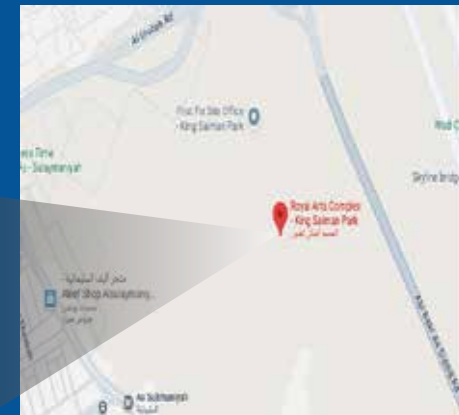


King Salman Park - Royal Art Complex

- Scope of work: Steel framing reanalysis and redesign for curtain wall.
- Contractor: United Arab Aluminum Co.
Main Contractor: MBL – Modern Building Leaders



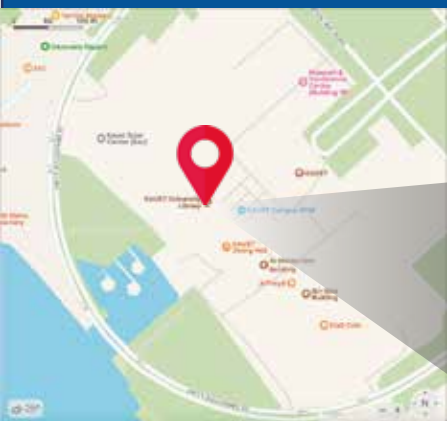
- Site: Riyadh, KSA





Kaust Library

- Scope of Work: Preparing Design and Shop Drawings of Steel Structures to support the North and South Canopy and Stairs for the Public Library Building
- Client: Saudi ARAMCO
- Main Contractor: Saudi Binladin Group
- Main Consultant: Dar Al-Handasah



- Site: Thuwal, KSA



Masjid Al Haram Expansion Ramp(5)

- Scope of Work: Preparing Shop Drawings of Steel Structure for the Ramp5
- Main Contractor: Saudi Binladin Group
- Main Consultant: Dar Al-Handasah



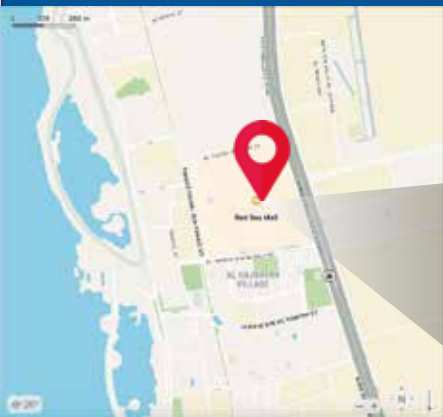
- Site: Mecca, KSA





Red Sea Mall of Jeddah expansion

- Scope of work: Preparing Design and Shop Drawings of steel structure for the steel parts of the project.
- Client: Red Sea Markets Company Ltd.



● Site: Jeddah, KSA

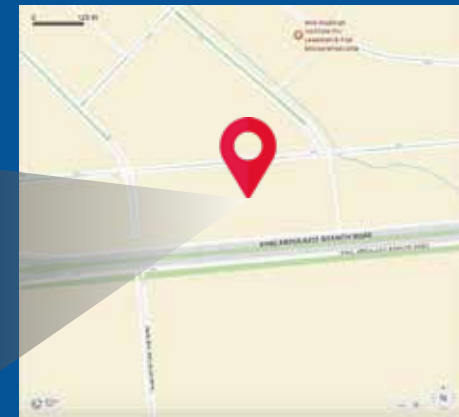


The KEC Hub Mall

- Scope of Work: Structural Design Review of the Main Skeleton.
- Client: Knowledge Economic City (KEC).
- Main Consultant: Chapman Taylor.



- Site: Al Madinah, KSA





Rofayda Clinics

- Scope of Work: Preparing Design for the Main Building.
- Client: Rofayda Health Park.
- Main Consultant: RMC.



● Site: Cairo, Egypt



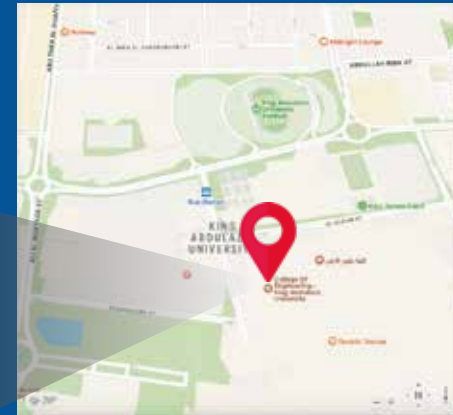
Our Projects >>

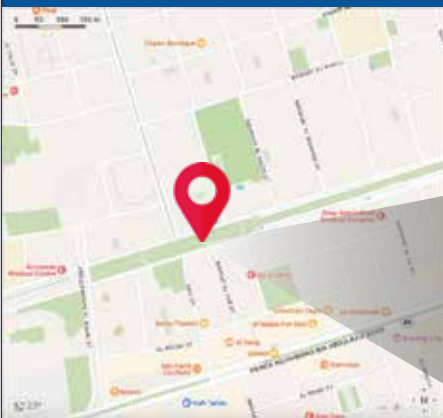
Jeddah King AbdulAziz University (Free Span Arch Bridge)

- Scope of Work: Design, and Shop Drawings of Steel Structures the Arch Bridge.
- Client: Jeddah King AbdulAziz University.



- Site: Jeddah, KSA





● Site: Jeddah, KSA



KAB Holding Company

- Scope of Work: Preparing Design and Shop Drawings of Steel Structure Buildings.
- Client: KAB Holding Co.



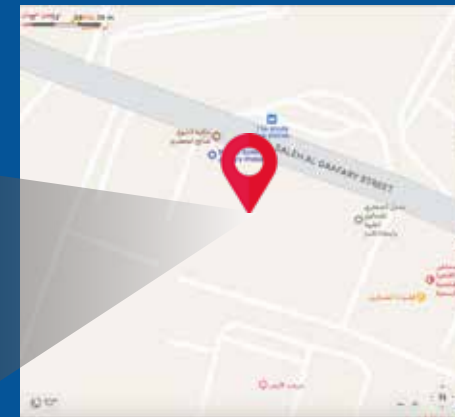
Our Projects >>

Downtown Cairo Building

- Scope of Work: Site Supervision for Renovation works of the building.
- Client: Cairo Governorate.
- Contractor: Al-Roaya Engineers& Contractors.



● Site: Cairo, Egypt

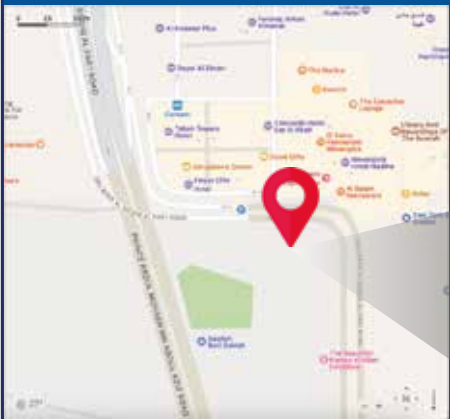


Our Projects >>

Masjid al-Nabawi Extension (Underground Car Parking)

- Scope of Work: Preparing Design and Shop Drawings of Precast Cladding Panels supports.
- Main Contractor: Saudi Binladin Group.
- Main Consultant: Dar Al-Handasah.

● Site: Madinah, KSA.



Beni-Suef University Hospital

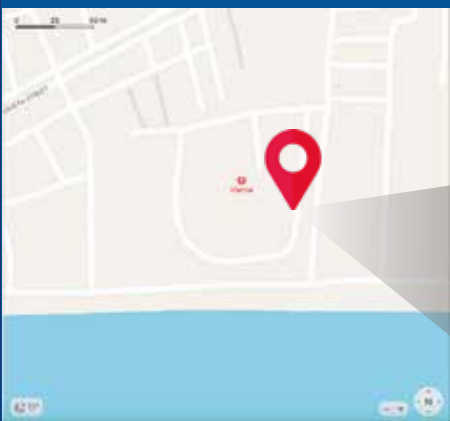
- Scope of Work: Preparing a Feasibility Study of the project including Technical, and Economic Feasibility.
- Client: Beni-Suef University.
- Main Consultant: CEGMAN – Consulting Engineering Group.



● Site: Jeddah, KSA



Our Projects >>



● Site: Qena, Egypt



Deshna Central Hospital

- Scope of Work: Preparation of Construction Documents, Quantity and Material Takeoffs, Document Control, and Budget Control.
- Client: Ministry of Health.
- Contractor: Al-Roaya Engineers& Contractors.
- Main Consultant: Gira Consult

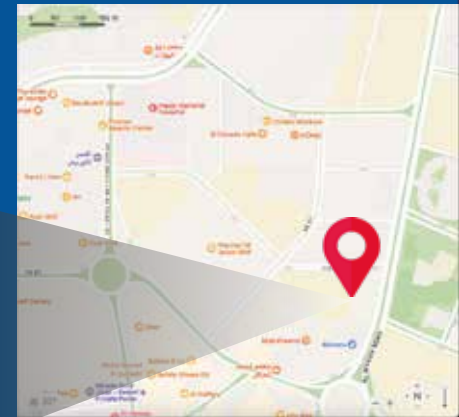


Extra Stores

- Scope of Work: Preparing Design and Shop Drawings of Steel Structures
- Client: United Electronics Co.



- Site: Jazan, KSA

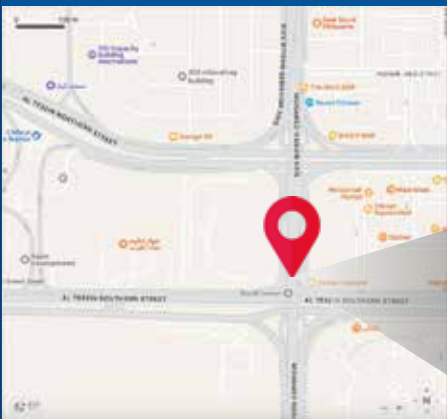




Central New Cairo

- **Scope of Work:** Preparing Design for the Main Building.
- **Client:** Saudi Egyptian Developers.
- **Main Consultant:** RMC.

● **Site:** Cairo, Egypt



Faculty of Economics & Political Science

- Scope of Work: Preparation of Construction Documents, Quantity and Material Takeoffs, Document Control, and Budget Control.
- Client: Beni-Suef University.
- Main Consultant: Diao Consult.



● Site: Beni-Suef, Egypt



Our Clients >>

Our Clients



Contacts >>

Contacts

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