

Jeddah Metro

Business Information Presentation

**OCTAWIZ
CONSULTING**

BIP25

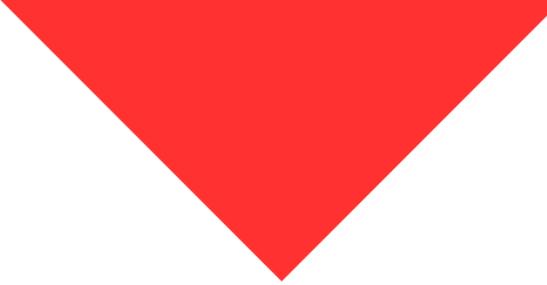


MRT Network

The MRT is a state-of-the-art metro system that provides residents and visitors with a modern, reliable, and efficient way to travel around the city. Serving as the backbone of the JPTP (Jeddah Public Transport Program), it forms a primary transportation network connecting various key areas across the city.

The MRT network includes 81 stations and 197 trainsets, covering a total route length of 161.1 km. The system is distributed across the city through four distinct lines.





Metro Lines

Orange Line

Extending 44.8 km along Al Madinah Road and Old Makkah Road, this line features 29 stations, including one at Obhur Bridge.

Blue Line

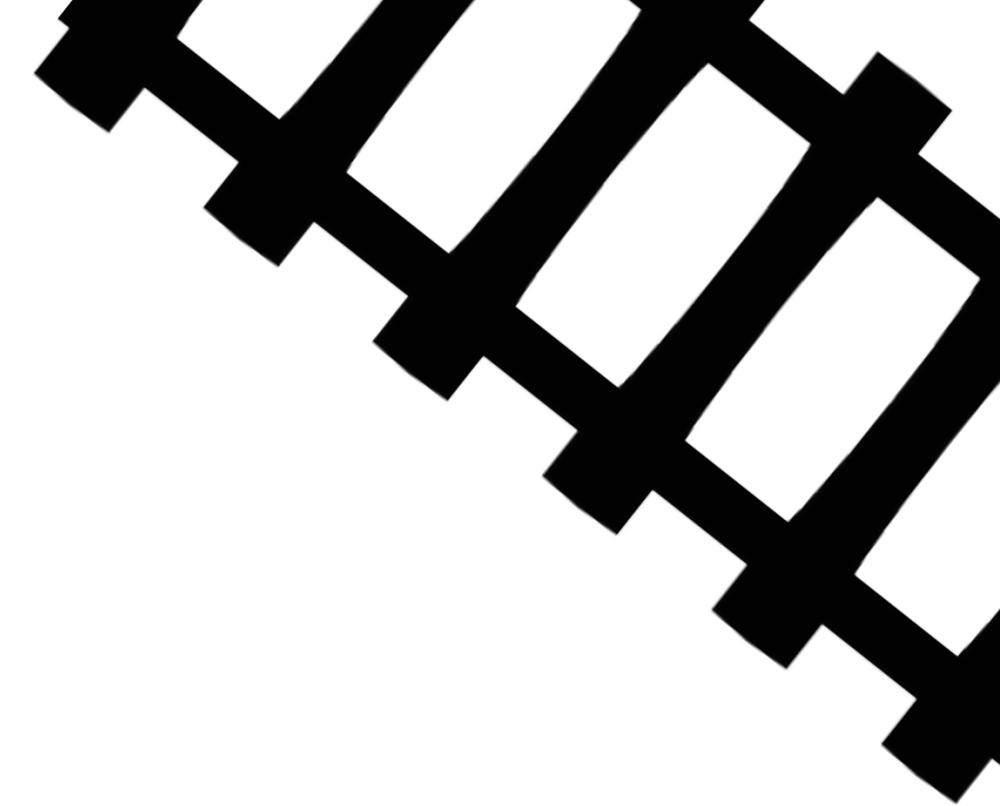
Covering 39.6 km, this line connects southern Jeddah to King Abdulaziz International Airport, with 18 stations.

Green Line

A 17 km route through the city center, linking the downtown area to the Al Haramain railway station, with 9 stations.

Red Line

Spanning 59.7 km, this line runs from King Abdullah Stadium in the north to Old Makkah Street with 25 stations.



Scope of work - Civil

Site Preparation

- Land acquisition and clearing.
- Excavation, grading, and leveling of the site.
- Soil stabilization and compaction.

Structural Works

- Construction of station buildings, platforms, and concourses.
- Erection of bridges, viaducts, and tunnels (if applicable).
- Pile foundation and retaining wall construction for elevated or underground structures.
- Installation of escalators, staircases, and elevators.





Trackwork

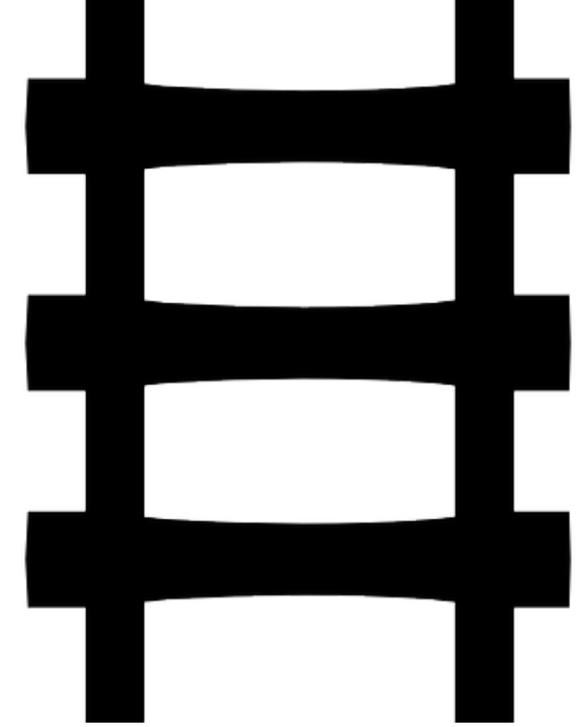
- Laying of railway tracks (ballast or ballastless tracks).
- Alignment and leveling of tracks.
- Installation of switches and crossings.

Waterproofing and drainage

- Implementation of waterproofing systems in tunnels and underground stations.
- Design and installation of drainage systems to handle surface and groundwater.

Architectural and Finishing works

- Interior and exterior finishing, including cladding, tiling, painting, and glazing.
- Roofing, false ceilings, and partition walls.
- Installation of passenger amenities such as seating, signage, and ticket counters.



Scope of work - Electrical

Power Supply and Distribution:

- Setting up substations for traction and auxiliary power supply.
- Laying high-voltage and low-voltage cables.
- Installation of transformers, switchgear, and panels.

Traction Systems:

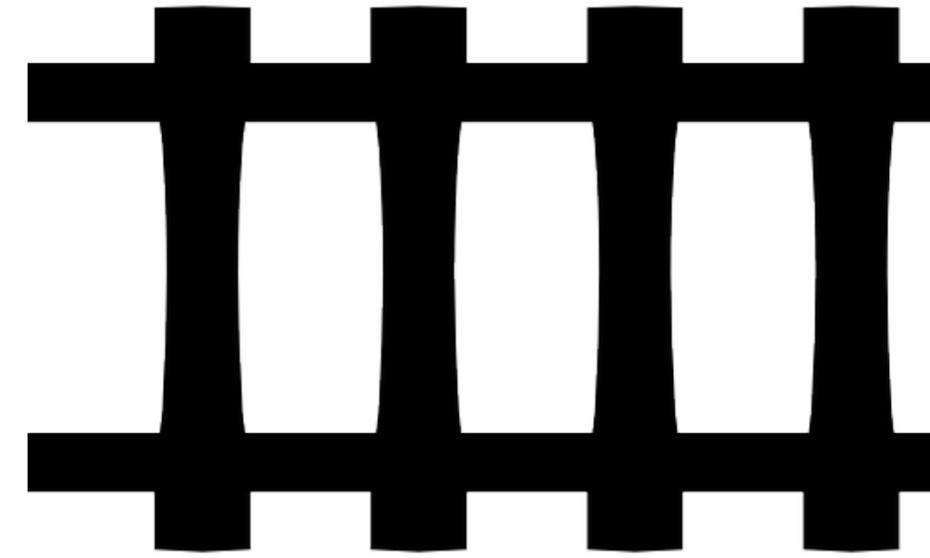
- Installation of overhead catenary systems (OCS) or third-rail systems for powering trains.
- Integration of power systems with rolling stock.

Lighting and HVAC:

- Installation of LED and emergency lighting systems in stations and tunnels.
- Design and installation of Heating, Ventilation, and Air Conditioning (HVAC) systems.

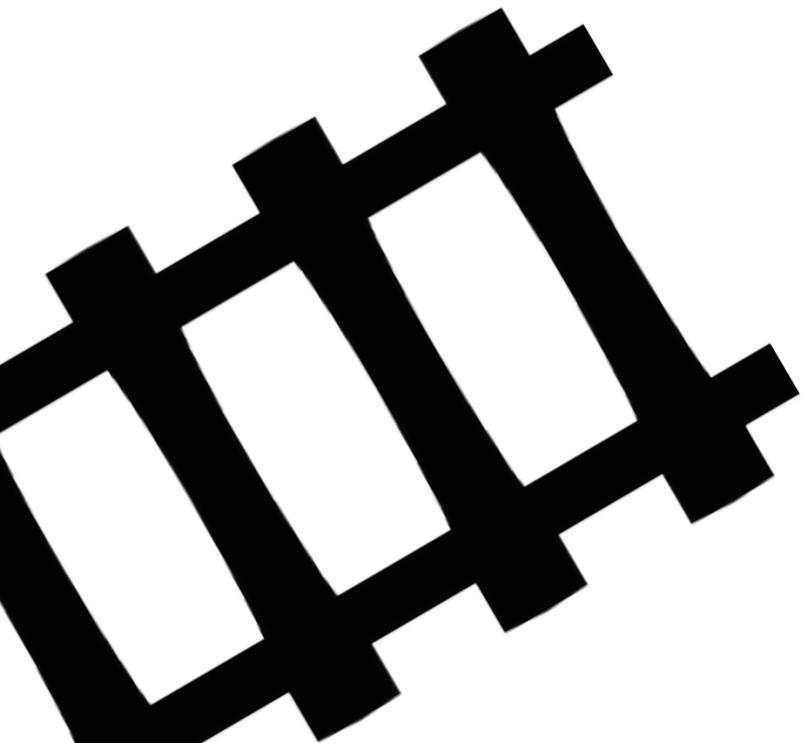
Signaling and Communication Systems:

- Implementation of Automatic Train Control (ATC), Automatic Train Protection (ATP), and Automatic Train Operation (ATO) systems.
- Installation of public address systems, Passenger Information Systems (PIS), and Closed-Circuit Television (CCTV).



Scope of work - Mechanical

- Installation of escalators, elevators, and travelators.
- Setting up ventilation systems in tunnels and underground stations.
- Fire suppression systems such as sprinklers and hydrants.





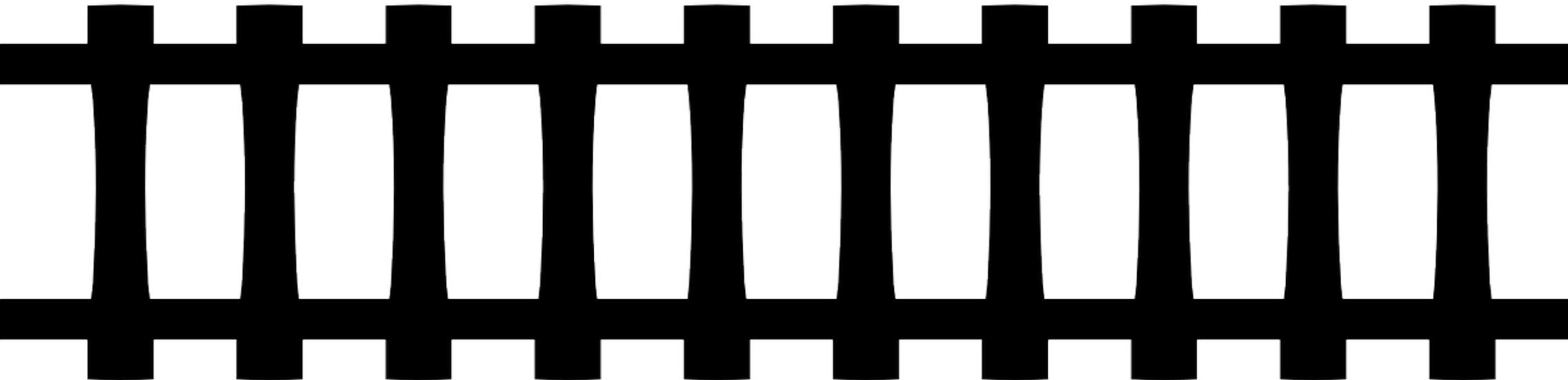
Our Services

- Company registration
- Strategic partnerships
- Onboarding
- Subcontracts
- Material Supply
- Equipment's & Vehicles supply
- Manpower supply





Contact



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