

Success Story

RF Mast Structures

Market Served

Telecommunications



Location Bahrain

Scope Design, Engineering, Manufacturing, Installation and Project Management

Client BATELCO

Duration 6 months

Summary

In order to meet the region's business and residential demand as well as technological development, Batelco--Bahrain's leading telecommunication company--commissioned Irinatech to deploy Roof Top Mast Structures. Irinatech conducted the initial phase of Site Survey and Load Study Investigation, designed, manufactured and installed 15 of 15-18 metres of non-penetrating towers. Irinatech played a vital role in building the nationwide telecommunication network in Bahrain.

Services

Irinattech plays a vital role in building the nationwide telecommunication network in Bahrain – meeting the region’s business and residential demand as well as technological development.

In 2009, Irinattech deployed Roof Top Mast Structures for Batelco, Bahrain’s leading telecommunication company. From the initial phase of Site Survey and Load Study Investigation, Irinattech designed, manufactured and installed 15 of 15-18 meters of non-penetrating towers.

Careful design considerations were made for the appropriate amount of weight on the structure to properly secure the mount and withstand the wind resistance and equipment load. Roof top structures, being particularly useful where site space for tower is not feasible but tall buildings are available, were selected for an easy access to the antenna and faster installation.

The solution offered was very cost-effective and most suitable for its application. Adherence to established regulations governing communication towers, antennas and base units was made to ensure compatibility with surrounding. The roof top structure was designed to have the structural integrity to carry the weight of the antenna and its supporting structure.

Irinattech at a glance

We contract to local, regional and multinational corporations and public institutions. Our general scope of work includes Engineering, Procurement, Construction and Handover to end-user. Our current growth strategy focuses on leveraging opportunities in the emerging markets of the Middle East, South Asia and Africa. Primarily focused in the power

infrastructure market, we work across a range of industry sectors including energy, water, telecommunications and infrastructure.

Our services include:

- Turnkey Construction
- Technical Support Services
- Engineered Products

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