Qatar Fiber Optic Cable Laying Project

Overview

Our Services Engineering & Technical Support for Fiber Optic & Copper Networks: Expert guidance and troubleshooting. Fiber Optic Cable Laying and Terminati.

Key Takeaways

The Qatar Fiber Optic Cable Laying Project is a major EPCIC initiative to install a 140-kilometer subsea and onshore fiber optic network connecting Al Kabaan, Ras Laffan, and the Al-Shaheen oil field, led by Milaha's subsidiary Halul Offshore Services.Project Overview

The project is part of Qatar's strategic effort to enhance connectivity and data transmission within the energy sector. It involves the engineering, procurement, construction, installation, and commissioning (EPCIC) of a new fiber optic cable system valued at over QAR 262 million (approximately USD 70 million), awarded to Halul Offshore Services Company W.L.L., a subsidiary of Qatar Navigation (Milaha) by North Oil Company (NOC) .

Technical Scope
• Cable Length and Route: The fiber optic network spans 140 kilometers, connecting Al Kabaan to Ras Laffan and the Al-Shaheen oil field .

• Installation Method: The cable will be installed using specialized equipment and subsea bridges, then buried and protected to ensure durability and integration with existing platform assets .

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• Integration: After installation, the system will be integrated with existing offshore and onshore infrastructure to support operational efficiency and digital transformation in the energy sector .

Strategic Significance

The project is designed to:

• Enhance operational efficiency in Qatar's energy sector by providing a high-speed, reliable communication link .

• Support digital transformation initiatives, enabling real-time data transmission and monitoring across critical oil and gas facilities .

• Promote local employment and skills development, as the project involves a team of skilled professionals and technical experts .

Broader Context

This fiber optic initiative aligns with Qatar's National Vision 2030, supporting sustainable development and infrastructure modernization. It complements other telecommunications and energy projects, including offshore gas compression facilities and LNG train expansions, ensuring robust connectivity for both operational and strategic purposes .

Related Fiber Projects in Qatar

Other companies, such as Al Kaun Telecoms and Fibertech Qatar, are also active in deploying fiber optic networks across Qatar, including FTTx networks, core and transport networks, and civil infrastructure for telecoms, demonstrating a nationwide push for high-speed connectivity .

Conclusion

The Qatar Fiber Optic Cable Laying Project represents a critical infrastructure upgrade for the country's energy sector, combining advanced subsea and onshore fiber technology with strategic integration into existing assets. It is a key step in enhancing Qatar's digital capabilities, operational efficiency, and long-term sustainable development goals.

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The scope of work involved the installation of telecom racks and BCP boxes, deployment, termination and testing of various types of

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Ooredoo Group has partnered with Alcatel Submarine Networks (ASN) to develop the Fibre

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The project will significantly enhance connectivity and data transmission capabilities within

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Milaha wins New Fiber Link Project EPCIC Contract from NOC Valued

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Maximize efficiency, reliability, and connectivity with Fibertech Qatar''s cutting-edge telecom

Milaha wins New Fiber Link Project EPCIC Contract ...

By delivering a state-of-the-art fiber optic cable system, we will support the digital transformation of the energy sector and enhance

Milaha lands contract to build fibre cable system in Qatar

This contract aligns perfectly with our strategic objectives of expanding our services portfolio and contributing to

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Qatar Fiber Optic Cable Market (2025-2031) Outlook

The fiber optic cable market in Qatar is witnessing robust growth as the country invests in expanding its telecommunications and

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Ooredoo Fiber Optic Installation Method

This method statement outlines the procedures for installing fiber optic cable at Qatar National Cement Company for Ooredoo. It

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Telecom Services | Mirrikh Contracting WLL

Execute the civil work, trenching, laying cables, backfilling, compaction and restoration. Installation of Manholes (JRCs and other)

Projects – Fibertech Qatar

Since 2008, we have actively involved in the local market, successfully executing a diverse array of copper and fiber optic

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