One of the World’s Largest Road and Infrastructure Projects

Details:

- Appointed by the Public Works Authority of Qatar in 2010, KBR is the Programme Management Consultant (PMC) for the Qatar Expressway Programme, one of the world’s largest road infrastructure projects currently in construction.
- Driven by Qatar National Vision 2030 and catering to the 2022 FIFA World Cup, the Qatar Expressway Programme will deliver a world-class new and upgraded road infrastructure network designed to improve highway capacity, connectivity and safety to meet current and future demands of population and economic growth.
- The Expressway Programme will be delivered in two waves: pre 2022 to serve the 2022 FIFA World Cup and post 2022 in support of the Qatar National Vision 2030.
- Spread across 78 major projects, the Expressway Programme will deliver more than 800 kilometres of new or upgraded roads and more than 200 interchanges for the rapidly developing State of Qatar. At peak, the Programme had a workforce of more than 55,000 people from over 30 countries.
- The Expressway Programme network spans the entire State of Qatar, providing new north-south and east-west connections.

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Client: Public Works Authority of Qatar
Location: Qatar
Scope: Programme Management and Engineering Support
Status: Ongoing – Awarded 2010

Highlights:
• Engineering News Record (ENR) 2018 Global Best Project Award recipient for the Lusail Expressway project
• Six million tonnes of asphalt laid in 2017 amidst a regional blockade
• Road infrastructure backbone to serve the 2022 FIFA World Cup stadiums delivered 4 years in advance
• 0.08 Total Recordable Incident Rate (TRIR) achieved
• 44,000 health screenings for staff and workers conducted
• Workers Welfare KPI score improved from 6.2 in 2015 to 8.5 in 2017 (10 being the highest)
• Successful execution of an expenditure review and implementation of a new strategy in response to a 30% budget reduction in 2014 amidst a national financial crisis

The Expressway Programme will deliver:
• An expansive and efficient road network in support of the 2022 FIFA World Cup
• New north-south and east-west connections across Qatar
• 800 kilometres of new and upgraded roads ranging from seven (7) to fourteen (14) wide
• A new orbital highway and truck route, connecting cities, ports, major expressways and industrial areas
• Over 200 major interchanges, to ease traffic flow, enhance safety and efficiency
• Integration opportunities with passenger and freight rail networks
• Implementation of Intelligent Transport Systems (ITS) for a safer road network
• Robust and reliable underground utilities including stormwater networks, electrical services, telecommunications and surveillance
• Artscape and landscape features for public realm beautification
• Pedestrian and cycle path network to encourage healthy lifestyle behaviours