

Devinder Patel

Civil Engineer

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Professional Profile

A dedicated, versatile, and approachable Civil Engineer who possesses 15 years of expert knowledge in tunnelling, infrastructure, and heavy civils operations. Correctly assesses where value engineering can be used to achieve savings on projects. Applies a hands-on approach, encouraging teams to work as cohesive units, often in hostile and hazardous environments. Effectively combines robust planning capabilities with the energy and drive to deliver projects on time.

Areas of Expertise

- ◆ Civil Engineering
- ◆ Value Engineering
- ◆ Infrastructure Management
- ◆ Infrastructure Development
- ◆ Construction
- ◆ Contract Negotiation
- ◆ Procurement
- ◆ Risk Assessment
- ◆ Leadership
- ◆ Project Management
- ◆ Project Delivery
- ◆ Problem Resolution
- ◆ Safety Management
- ◆ Safety Development
- ◆ Supplier Engagement
- ◆ Team Building
- ◆ Client Engagement
- ◆ People Management

Professional Experience

Contracting & Thrust Boring Company, Saudi Arabia Civil Engineer

2017-Present

Taking ownership for tunnelling, HDD / vertical drilling and sheet piling while keeping safety at the top of the agenda. Cultivating productive working relations with clients by assisting with the development of safe tunnelling practice and procedures on site while simultaneously applying value engineering. Demonstrating excellent negotiation techniques during pricing and tendering of contracts for tunnelling works on projects. Managing and controlling a workforce of 180 staff and labour on specialist site projects. Devising a watertight plan to carry out deep tunnelling works in a 9km area reaching depths of up to 30m. Collaborating with government bodies on the safety and planning of operations

Key Achievements

- Completed all projects successfully with zero accidents on specific sites
- Brought the first direct pipe tunnelling equipment to Saudi Arabia
- Managed the first direct pipe tunnel project in GCC, the installation of deep well anodes at 120m depth

Specialist Services, Abu Dhabi Civil Engineering Manager

2013-2017

Successfully overcame challenges including difficult ground and excessive floatation problems. Carefully controlled high ground water pressure affecting tunnel drives and supported the procurement and deployment of tunnelling equipment to sites. Developed and implemented safe systems of work for all tunnelling and lifting operations. Meticulously assessed all risks associated with lifting operations.

Key Achievement

- Saved 2million AED by employing value engineering

Civil Engineering Company, Bahrain Contracts Manager | Operations Manager

2011-2013

Overall remit to ensure safety was paramount across all tunnelling, directional drilling, marine, and piling operations. In charge of 5 directional drilling rigs and 4 piling rigs on various pipeline crossings across Saudi Arabia. Undertook contract negotiation, pricing, tendering, QA, and QC for all contracts.

Professional Training

NEBOSH, International Certificate in Safety (2012)

CITB, Site Safety Managers (2011)

CSCS, Civil Engineering Site Managers (2011)

Education

BEng (Hons) in Civil Engineering, University of Civil Engineers, London (2011)