

AL AIN STADIUM & MIXED USE DEVELOPMENT

Civil: Industrial / Electro: Mechanical / Infrastructure



AL NASR SCOPE OF WORK

Construct a road network consisting of:

- 600 m dual carriage asphalt road
- 50,000 m² local roads and parking

Supply and lay the sewerage network consisting of:

- 1,900 m uPVC Piping
- 114 manholes including a major tie in to existing network

Supply and lay the storm water network consisting of:

- 3,400 m of GRP Piping
- 261 manholes including tie in to existing network

Supply and lay a combined potable water and firefighting network consisting of:

- 3,000 m of HDPE piping
- 21 manholes
- 30 fire hydrants including tie in to existing network

Construct irrigation network consisting of:

- 2,650 m of HDPE piping
- 38 manholes
- 230 m³ concrete water tank

Supply, lay and installation of high voltage primary network consisting of:

- 10,500 m of 11KV cables
- 7,000 m fiber optic
- 11KV switching station full with remote end modification

Client: AAfaq Holding

Location: AlAin, UAE

Contractor: Bam International

Contract Period: 8/2012- 8/2013

Value (AED): 115,000,00.00 AED

PROJECT STATISTICS

Peak manpower	530
Man- hours accident free	1,420,000
Equipment hours accident free	226,000
Total lost time incident	Zero
Total Cable Laid	47,500 m
Total Pipeline Laid	10,950 m
Total Concrete Poured	15,128 m ³



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Supply, lay and installation of high voltage secondary network consisting of:

- 6,000 m high voltage cables
- 6,000 m fiber optic
- 2 public realm substations

Supply and installation of a low voltage network consisting of:

- 18,000 m low voltage cables
- feeder pillars
- 5 SMDB
- 2 MCCB
- 4 isolators with their associated manholes and pull boxes

Supply and installation of a street lighting network consisting of:

- 119 lighting poles

Supply and installation of a telecommunication network consisting of:

- 1700 m D54 ducts
- 27 chambers

Supply, lay and installation of high voltage secondary network consisting of:

- 6,000 m high voltage cables
- 6,000 m fiber optic
- 2 public realm substations

Full Civil Structure of the sports center substation, sports center building and kids children's center building.

Handover of all installed utilities to the relevant authorities.