

**OWNER**

**NDIA - New Doha International Airport**

**APM CONSULTANT**

**Lea & Elliot**

**CONTRACT AMOUNT**

**QAR 220 million (basis 2007)**

**SCOPE OF WORK**

**General contractor for APM system and steel guideway running surface**

**PROJECT DURATION**

**54 months**

**OPERATION & MAINTENANCE CONTRACT VALUE**

**Approx. EUR 1.2 million (basis 2007), contract term 5 years (2013 to 2018)**

**DATE OF OPERATION**

**2013**

**Visibility.**

The New Doha International Airport (NDIA) will feature a prestigious cable-propelled passenger transit system. The customers' primary criteria in selecting DCC in this best value procurement were based on reliability, noise emissions and aesthetics.

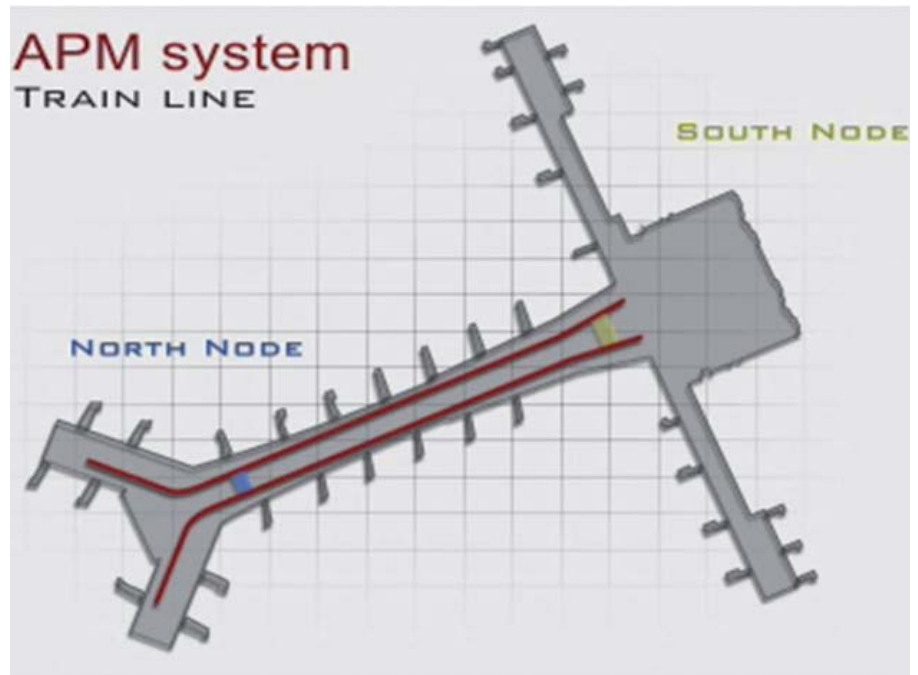
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# NDIA Shuttle Doha, Qatar

## Alignment

DCC's cable propulsion technology attributes are ideal for the NDIA system application and requirements, which includes an elevated indoor system with trains moving directly through the terminal building.

DCC's walkthrough trains feature glass roofs and side walls for a pleasantly open environment and luxurious interior furnishings.



## Technical Data

DCC will supply the running and guidance surfaces, which consist of simple steel I-beams for the guideway. The Owner will provide the indoor guideway substructure, which consists of a steel tray partially filled with concrete.

	SYSTEM I AND SYSTEM II
SYSTEM LENGTH	500 m [1,640 ft]
CONFIGURATION	Dual track shuttle with two trains operating independently
OPERATING SPEED	45 km/h [27.9 mph]
HEADWAY	110 s
DWELL TIME	44 s
GUIDEWAY	Steel running surface on a concrete guideway substructure
SYSTEM CAPACITY	6,000 pphpd
STATIONS	2
TRAINS	Two 5-car trains
TRAIN CAPACITY	38 passengers/car, 192 passengers/train

