

PRESS RELEASE

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Inauguration Of Bahrain Fountain

Invent Water Features, HQ near Manchester, United Kingdom are pleased to announce the inauguration this month of what is believed to be the highest sea water floating jet fountain in The World.

Located adjacent to the new Library and Grand Mosque in Juffair, Bahrain, the spectacular fountain is a culmination of 18 months design, testing and construction activities undertaken by specialist firm Invent in association with the Special Projects Department of The Ministry of Works and Housing, Bahrain.

Invent working in close partnership with our partners OASE in Germany have developed the Worlds most sophisticated high jet nozzle technology with particular reference for marine and high saline conditions.

The project concept and hydrodynamic design and nozzle testing phase took 6 months with a further 9 months construction period in dry dock in Hull, UK. The delivery, installation of electrical sub station, cables, mooring system and final commissioning took a further 3 months under the supervision of Invent engineers with the assistance of local construction companies.

The fountains main jet, secondary effect nozzles, rectification chamber, pumping, pipework, controls and instrumentation are all housed aboard a specifically design marine barge. The steel construction measures around 11metres x 11metres and is 4 meter deep, with a draft of 3 meters under service conditions. The barge is fully fitted with warning attenuation and marine lighting for safety.

Two 0.5 megawatt centrifugal pumps propel sea water from the main jet, in excess of 123 meters, whilst a further centrifugal pump also delivers water to 40 adjustable secondary nozzles which compliment the display. At night the fountain provides a wonderful scenic diversion to the people and tourists of the area and beyond, being fully illuminated with 12 white onboard floodlights.

Opened in February 2006 at a ceremony hosted by Sheikh Hamad bin Isa Al Khalifa, the fountain will be a lasting monument and future touristic attraction for Bahrain.

Invent are one of the Worlds leading designers, developers and construction companies working in the specialist field of high jet fountains and high profile sophisticated water features and displays.

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