

## SURVEY SERVICES FOR DREDGING, LAND RECLAMATION AND CONSTRUCTION OF BREAKWATERS FOR RAS LAFFAN PORT EXPANSION PROJECT

**PROJECT OWNER**



**CLIENT**

**Jan De Nul Dredging Ltd.**



Geomtra won the survey services contract for Ras Laffan port expansion project in 2004, which is a mega LNG harbour at Ras Laffan, Qatar. Royal Boskalis Westminster of the Netherlands is to build the new harbor in cooperation with the Belgian dredging company Jan de Nul. The total value of the expansion project is approximately US\$2 billion with 20 million m<sup>3</sup> of limestone is to be dredged, land reclamation using 25 million m<sup>3</sup> of sand from the sea and construction of breakwaters having total length of 21km.



Geomtra's scope of work in the above project is threefold. Firstly, a full fledge preconstruction survey was executed by Geometra. Next, in construction stage the third party consultancy for initial and intermediate surveys. Finally, in the handover stage, Geometra has been contracted to execute the final survey of dredging, land reclamation and construction of breakwater works associated with the Ras Laffan Port Expansion project.

In addition, a final detailed as build topographic survey of all areas affected by the work will be carried out by Geometra after project completion. The survey work is to be execute by a team of qualified and experienced surveyors resident in the Ras Laffan City.

