

## Project details

### Services /

Project Management  
Cost Management

### Value /

£8m

### Location /

Southampton

### Contract /

JCT Standard form of  
Building Contract



Technically complex fit-out of 9 highly specialist laboratories, including a 138m long towing tank, for hydrodynamics and aeronautical research/teaching within an occupied building.



## Key challenges/features

- / Working in highly serviced live operational building with office and teaching activities taking place.
- / Fit-out of 9 new facilities, within hydrodynamics and aeronautical research fields.
- / Installation of a carriage and drive system for the 138m long purpose built towing tank facility, the first to be built in the UK for approximately 60 years.
- / Facilities include a matched refractive index flume, anechoic wind tunnel, boundary layer wind tunnel, recirculating sediment flume and recirculating water tunnel along with smaller rigs and experimental set ups.
- / Works to install the carriage were logistically challenging due to the weight of the unit and the narrow dimensions of the towing tank building. Weighing 3.5 tonnes the carriage was delivered in two parts to a specially built platform and craned through to the basin area once assembled.

## Rekan scope

- / **Project Management** - overall project coordination/management including consultant scopes/appointments, Client/User briefing, design management/coordination, technical specifications, programme/logistics, Client reporting, stakeholder management/liaison,
- / **Cost Management** - overall financial management including cost planning, cost reporting, contractor procurement/commercial management, value engineering and consultant appointments.