



CLIENT:

WESSEX WATER

CONTRACT VALUE:

£1.5M

CONTRACT TYPE:

NEC2 OPTION C TARGET COST (with activity schedule)

SECTOR:

WATER

Programme of pumping station refurbishment on the south coast of England to renew aging infrastructure.

PROJECT HIGHLIGHTS

Programming works taking into account peak season usage.

Programme and work plan adaptability to take into account dynamic changes such as catastrophic failure at one station.

Implementing safe systems of work based on site specific risk assessments thereby ensuring minimal impact from events such as floods.

Renewal of all mechanical and electrical equipment.

Completion of associated civil engineering works.

Design coordination ensuring that all new equipment met the pumping stations consents.

Delivered whilst maintaining full operational functionality of the pumping stations at all times.

Installing large infrastructure into sites with access constraints.

Provision of temporary pumping measures where required.

INNOVATION

The client's original proposal outlined the refurbishment of the existing spindle-driven pumps (with flywheels to protect the rising main from surge pressures) although their preference was to install Drywell Submersible Pumps. ACIEM (as Damar Group) worked with our pump supplier to develop a proposal to provide Drywell Submersible Pumps with integral flywheels. We exceeded our client's expectation whilst remaining within budget.



**MAJOR PUMPING STATION
REFURBISHMENT FRAMEWORK**

