

CASE STUDY

CORNWALL FIRE AND RESCUE SERVICES CPR FIRE STATION & NEW HQ BUILDING

TOTUS



Sector: Industrial

Client: Kier

Scope of Works: Mechanical and Electrical Services

Contract Value: £1.6M



New Fire and Rescue Station - including a large appliance bay to house up to 5 fire appliances with a 2 storey amenity building which includes muster bay, changing and shower areas, offices, control room and lecture room on the ground floor with rest spaces, work rooms, fitness suite and personal spaces for fire brigade staff on the second floor.

Cornwall Fire Service new HQ and Workshop - three storey office/amenity building which houses a fully functioning critical control room, emergency planning office, training facilities, office areas and a workshop. Totus provided full

fit out of the workshops with garage services, including oil lines, compressed air system, LEV ventilation and power supplies to vehicle maintenance equipment. The workshop provides full maintenance support with facilities such as vehicle lifts, MOT bay, rolling road and brake testing. Externally the development includes large areas of hardstanding with fuel and oil storage tanks, emergency diesel generator and a large area for training. The training area includes deep lift pit, confined spaces and training tower.



Services Provided:

- Heating and ventilation
- Hot and cold water services
- Air conditioning
- Above ground drainage
- Natural gas service
- Sanitaryware installation
- Workshop compressed air systems
- Vehicle exhaust extract ventilation
- Engine / Hydraulic oil piped systems
- Sprinkler systems
- External gas and water infrastructure
- Server Room with gaseous fire suppression system
- Power and Lighting
- External lighting
- Stand by Generating plant
- UPS installation
- Compressed air and lubrication facilities
- Critical control room
- Call out systems
- Addressable Fire Alarm
- Door access
- Intruder Security systems
- CCTV
- Training Tower power and lighting