

# BENCHMARK PROJECT MANAGEMENT (UK) LTD – CASE STUDY

## Title

LDOC Ashchurch. POL & Fuel Tank Upgrade

## General Scope:

Decommission and remove existing underground fuel tanks. Install new above ground fuel tank, including new fuel pipework, ERIC system and electrics to existing fuel dispensers.

## Work included:

- Carry out Site investigation and geotechnical report for soils.
- Install new temporary fuel tank, protected by Armco Barrier to be used by Army throughout the Construction Phase
- Empty, clean, de-gas, decommission and remove five number 55,000 litre existing underground fuel tanks.
- Excavation of concrete slab and fill to tanks 15.4 x 12.7 x 5m deep
- Backfill using excavated aggregates and crushed concrete, top with recycled aggregate and MOT 803
- Removal of existing fuel pipes, excavate and install new fuel lines to existing dispensers from new above ground fuel tank
- Installation of new power and data cables to include new ERIC system.
- Insitu concrete hardstanding reinstatement
- New r/f concrete structural slab for fuel tank
- Install 60,000lt above ground fuel tank including all fuel and data connections. Leak detection systems for all pipework and tank visible on tank and alarmed in POL building.
- Trief kerbing and double height Armco barrier protections to Tank Island.
- Fuel resistant jointing to new concrete slabs

## Dates:

October 2018 to April 2019

## Client:

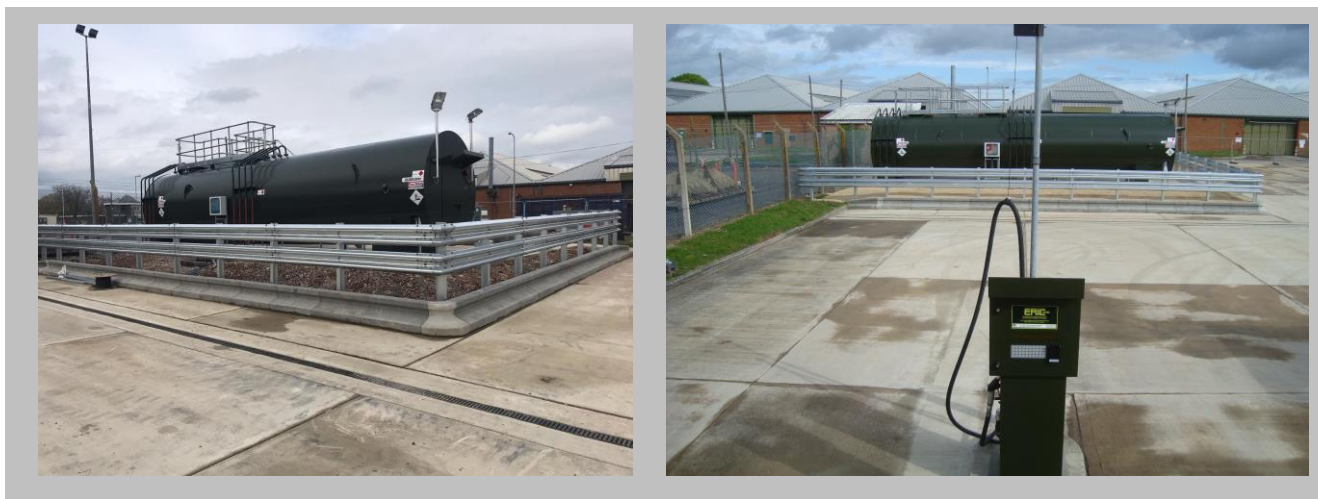
Amey Defence Services Ltd

## Value:

£804,000.00

## Innovation:

- All excavated materials tested for contaminants and reused as backfill including concrete.



## Customer Satisfaction:

“Well done for a text book delivery” – Amey Head of Facilities

“Well done Guys. Superb job all round – Amey Project Manager

“Special mention should go to Benchmark and all the individuals involved for their professionalism throughout. The OM package will be used by FGSR as a training aid such is the standard of the handover documentation - Army Fuel & Gas Safety Regulator

For more information contact:

Lee Probert – Managing Director

Telephone No: 01275 545290

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Break out of r/f concrete slabs



Excavate existing fuel tanks for removal off site



Backfill void & set up formwork for new slabs



Cast new r/f concrete slabs, lay Aco channels & Trief kerbs



Contract lift new 60,000ltr fuel tank onto new concrete slab



New operational fuel tank

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