

Client: Procol Ltd
Sector: Information Technology
Project: Datacentre CRAH Install and Lighting
Project Value: £721,012
Date: Feb 2023 to Sep 2023



Our Client's Need

Procol Ltd won a contract to install 2 new Computer Room Air Handling (CRAH) units and new lighting within a 400m² Datacentre. To deliver the project within their client's time scale they needed Grationeer Ltd to provide a Project Manager and CDM Site Manager to manage the delivery of the project and ensure Site Health and Safety.

Services provided



Benefits Delivered

- Grationeer Ltd used their experience of risk management and applied it to this commercially sensitive Datacentre.
- Zero accident rate on this project as the Site Manager was highly qualified and experienced to carry out the CDM duties.
- Grationeer Ltd built trust with their client which eased coordination of activities in a complex programme.
- All aspects of the project managed by Grationeer Ltd autonomously, which allowed Procol Ltd to assign internal resource to other projects.

Works Completed

Grationeer Ltd started the project after the design stage had been completed and agreed by the client. The first activity was to procure all suppliers and subcontractors to deliver the project works.

There were multiple work packages required to deliver the project including civil, mechanical, electrical and controls/automation works. Civils works were carried out to provide a base for the CRAH external condenser. New CRAH units were designed and built. Mechanical and Electrical works were carried out to integrate new CRAH units and Controls/automation works were carried out so that the site has visibility of the new units and that safety functions were incorporated. Finally, a new support grid was designed to hold up new lighting inside the datacentre due to a fragile roof.

Grationeer Ltd provided a vital role in delivering this project from procurement to final handover. A programme was developed to ensure smooth delivery according to the client's deadline, and all works were planned with minimal impact to the Datacentre.

Grationeer Ltd provided CDM Site Managers with SSSTS qualification to put in place a fully compliant CDM site. Due to distance, two Site Managers were provided for this project so the site would have full CDM Site Management Coverage for the works. This ensured site safety and welfare provisions for the contractors working on the site. The CDM Site Manager took responsibility for all aspects of the CDM site including issuing work permits for each activity. Grationeer Ltd utilised Procol's safe systems of works to manage the site.

Grationeer Ltd took on the project management role of the project covering all aspects, including budget, risk, programme and client management. To ensure that the client was updated on progress, Grationeer Ltd produced a weekly report, which was used in conjunction with valuation submissions.

Grationeer Ltd attended an FAT for the new CRAH units and ensured that the FAT and SAT aligned. The final commissioning activity was to test the newly installed BMS panel and ensure that it has the same functions as the existing CRAH units. Grationeer Ltd worked closely with the BMS engineers to ensure this was delivered accurately to obtain client sign off.

Grationeer Ltd assisted with 2D CAD drawings to produce the final O&M and the project was successfully delivered in September 2023.



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