

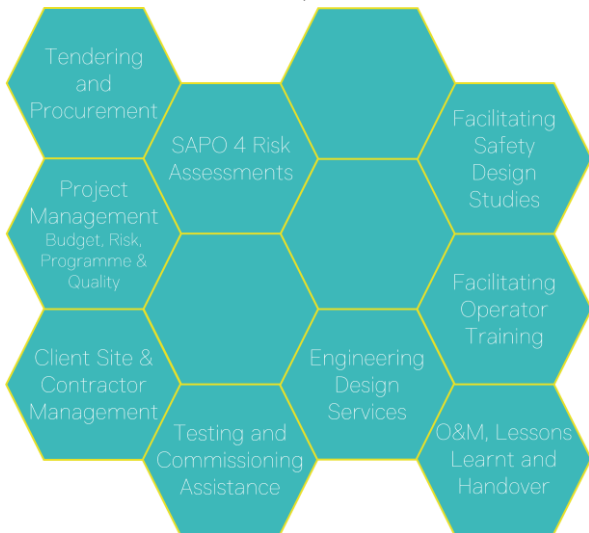
Client: The Pirbright Institute
 Sector: R&D Life Sciences
 Project: SAPO4 Poultry Isolator Project
 Project Value: £118,320
 Date: Aug 2019 to Mar 2023



Our Client's Need

As part of the Institute's strategic aim to enable Avian Influenza Virus Research, a project was funded to provide 4 Poultry Isolators within a SAPO 4 facility. There were two elements of the project which were to design and build the Poultry Isolators and upgrade the rooms within the SAPO 4 facility to accommodate the Isolators. The site had selected the supplier of the Poultry Isolator and they needed Grationeer Ltd to provide a Project Manager & Site Manager to manage the delivery of the project.

Services provided



Benefits Delivered

- Grationeer Ltd's in depth knowledge of SAPO 4 buildings to enable the project delivery.
- Commissioning documented and witnessed in line with user and bio-safety requirements.
- All aspects of the project managed by Grationeer Ltd autonomously, allowing the client to focus on their day-to-day activities.
- Grationeer Ltd produced monthly PM reports and attended monthly Project Board meetings on behalf of the client.

Works Completed

Grationeer Ltd took a leading role in this project to ensure the delivery of the Poultry Isolator and the preparation of the SAPO 4 rooms.

For the Poultry Isolator, Grationeer Ltd arranged all design & safety reviews with the site to ensure that all requirements were met. Due to the Biosafety element of the Isolators, a Structured What-If Techniques (SWIFT) was required to capture any additional safety actions. Grationeer Ltd worked with the suppliers to ensure the Isolators were built within the specification required and attended FAT prior to delivery to site. Once delivered, Grationeer Ltd led the SAT of the Isolators to enable sign off.

For the Room Upgrades, Grationeer Ltd was involved in the design of the Thimble Extraction Solution, Electrical supply, new lighting for the rooms, planning core drilling works between the plantroom and the contained areas and integrating the Isolators with the on-site BMS.

Biosafety was a major aspect of this project. Due to the nature of the SAPO 4 facility, several procedures were developed to allow equipment to be located within the space, without breaching containment. Grationeer Ltd worked on numerous site documents to enable these activities to be completed.

The 2020 pandemic had a significant impact on this project as works had to be stopped. Grationeer Ltd provided regular updates to the Project Board to ensure that they were informed of the impacts to programme and cost. The supplier of the Isolators indicated that their business is being impacted by the pandemic. In response to this, Grationeer Ltd worked with the client's legal team to get a vesting certificate in place and secured the goods for The Pirbright Institute.

The isolators were delivered in phases with the first one installed and tested before delivering the remaining isolators. This ensure that the method to locate and build the Isolators could be proven before delivering the remaining Isolators. This was arranged by Grationeer Ltd and was a valuable exercise to verify the installation of the Isolator inside a bio contained building.

On completion of commissioning, Grationeer Ltd generated the handover documents in line with the site's Project Information File (PIF). This was followed by a presentation created and delivered by Grationeer Ltd to the site to formally handover the project.

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