AFLOAT REPAIRS

Major HVAC Service for Oil and Gas Company

Overview:

CTS was contracted by a leading oil and gas major to conduct a Routine Major Service HVAC M-101 A at the PHE-5 area. The service required that acceptable environmental conditions were maintained with respect to temperature, pressurisation, ventilation rate, fresh air requirements, vibration noise level for comfort of occupants, equipment functionality, module integrity and safety.

We supplied detailed construction designs for installation and arranged the procurement of the required equipment. To ensure satisfactory functionality we expertly verified the system to ensure its safe operation including good accessibility to all parts and components for later inspection, repair and maintenance.

Scope of Works:

- Install the electric cooling rooftop unit 98kw.
- Conduct blasting and coating for steel ducting outside areas.
- Install the electrical control panel and PLC cable.
- Test and commission the unit.
- Provide project management, design and documentation.

Result:

A challenge faced during the contract was synchronising the delivery of equipment during the limited port stay. Though, armed with our wealth of experience we were unphased by this and leveraged our know-how to ensure that the required and sufficient materials arrived in good time.

The weather in the area was another obstacle as it is prone to frequent storms, which held up work due to HSEQ regulations. In order to surmount this, we used all available work time at full capacity and streamlined our processes to work most efficiently. Upon this successful project completion CTS teams have been asked to replace another existing unit in the near future.

CLIENT: Oil and Gas Major

VESSELS: Platform

DATE: June 2018

LOCATION: West Madura, Indonesia

960 MANHOURS	8 PERSONNEL
8 MONTHS	0 ACCIDENTS

Client Feedback:

The unit is better and more sophisticated with a PLC system, providing cooler temperatures, and makes it easier for maintenance.

- Chief Engineer