

OUR CLIENT Astilleros Gondan S.A.

OPERATORS Østensjø Rederi AS



#### DESCRIPTION OF THE PROJECT

Spanish shipyard Astilleros Gondan S.A. has on order a highly specialized Platform Supply Vessel (PSV) from the Norwegian ship owner Østensjø Rederi AS

The vessel is NB432 and the name is MV Edda Fram.

The ship design is developed by Skipsteknisk AS in close cooperation with the owner in order to make a modern PSV fulfilling the present as well as the future requirements for PSVs serving offshore installations.

Among special features the ship is intended for carriage of drill cuttings from offshore installations to shore, and there are special gas hazardous zones on the ship needing careful design of HVAC-systems.

#### CHALLENGES

To satisfy requirements stated by a demanding owner for a high quality and highly specialized vessel. Class notation has a great span involving the following HVAC-related notations: AUTR, CLEAN, COMF-C(3)-V(3), LFL\* and OILREC.

Novenco supplies a full turn-key job, including complete installation of all duct systems as well as all parts of the chilled water pipe system. Hence local presence and local knowledge are crucial.

#### SOLUTION

Novenco must cooperate closely with shipyard, owners and class in order to design optimal solutions for the complicated challenges.

The comprehensive class notation and the innovative design require that Novenco have top knowledge of rules and regulations involved.

Novenco use the same main products as used for passenger vessels, and together with the careful design by our engineers it is securing well functioning HVAC-systems and high level of comfort for the crew.

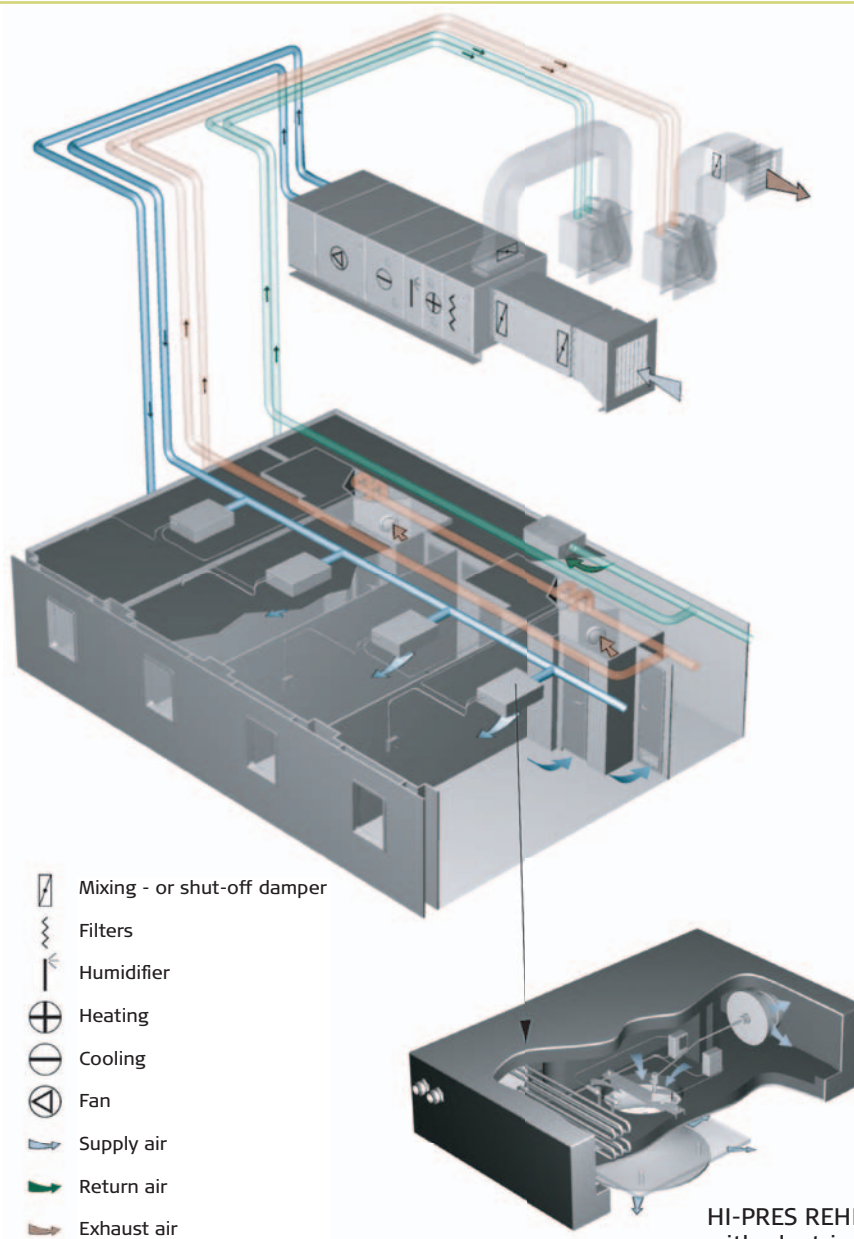
SCOPE OF SUPPLY:

**HVAC SYSTEMS**

Accommodation HVAC-package  
 Cooling systems for technical spaces  
 Mechanical ventilation package  
 Frequency controlled Engine Room fans  
 Motor starter package for HVAC-systems

**HVAC SYSTEMS**

Duct systems incl. installation work  
 Refrigeration Machinery  
 Chilled water system incl. installation work  
 Provision Plant  
 External louvers



HI-PRES REHEAT Air Conditioning System with electric reheating and return air