

Your Power Partner



*Energy
for Growth*



BWSC 

Burmeister & Wain Scandinavian Contractor A/S

THE DIESEL POWER PROVIDER – YOUR POWER PARTNER

The public electricity provider Enemalta has over several years been developing plans for a new power block at Delimara power Station. The plans were driven by increased demand for electricity from the Maltese society and a requirement to phase out the Marsa power station due to its location in residential areas. Furthermore Enemalta's development plans included a search for available technologies which could minimize the CO2 emissions and increase the overall plant efficiency and thereby also enhance the feasibility of electric power production.

In this process of developing the new power block at Delimara, Burmeister & Wain Scandinavian Contractor A/S (BWSC) have participated in several rounds of providing technical details, comprehensive proposals and in depth discussions and clarifications of the proposed diesel power plant. BWSC have found this process extremely interesting and challenging, and is therefore proud to have been selected by Enemalta for the huge task of providing the 144 MW diesel power plant to be installed at Delimara Power Station.

The plant includes several landmark features for diesel power plants within the European Union (EU) being:

- Full abatement systems for removal of NOx, SOx and particulate matters from the exhaust gasses from the diesel engines
- Diesel engines in combined cycle with a steam turbine
- CO2 emissions considerably lower than at the existing power station in Marsa adding to a large extend to Malta's strive to fulfill the EU limits set out for Malta
- Fresh water generation driven by waste heat, which results in an overall plant efficiency of more than 50%

This pioneer prestigious EU power plant project will bring BWSC into the next decade with a solid position as a world leading power plant provider for modern applications where a traditional technology - normally considered less environmentally friendly - is now made substantially cleaner through BWSC's concept. Furthermore, Enemalta and BWSC have agreed on the framework for a 5 year Spare Part and Technical Service Agreement with Enemalta to be implemented once the plant has been taken over by Enemalta's operation and maintenance departments. Appointed Project Manager for this challenging project and details of project team will be announced separately.

About BWSC

BWSC is a world-wide provider of turnkey power plant solutions with a solid track record and competences within:

- Entire in-house range of basic and detailed power plant engineering
- Dedicated professional project management
- Full procurement and logistics incl. heavy transport
- Complete implementation of EPC turnkey contracting including full test and commissioning.
- World-wide implementation of full operation and maintenance contracts and provision of training programmes after sales services, etc.
- World-wide power project development - full scale involvement in independent power projects

BWSC takes a leading role in development of projects:

- Extensive expertise in financing of projects
- Developer, sponsor, and investor in IPP plants
- Widespread international network

BWSC is a world-leading turnkey contractor for large and medium scale diesel power plants, CHP and biogas plants as well as renewable energy power plants. Within three decades, BWSC has supplied more than 160 power plants to 50 countries, with a total generating capacity in excess of 2,750 MW and has performed long-term Operation, Maintenance and Technical Support Agreements covering a total plant capacity in excess of 1,600MW.



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