

New landmark in Kiel: STRABAG subsidiary ZÜBLIN working on shipbuilding facility for thyssenKrupp Marine Systems

Facts & Figures

STRABAG ENTITY:

Subdivision Stuttgart, Business Unit Structural Engineering
Subdivision North, Business Unit Civil Engineering and Port Construction

CONTRACT VALUE:

higher double-digit million € range

STRABAG SHARE:

100 %

ORDER BACKLOG:

Q 1/21

SEGMENT:

North + West

PROJECT SCHEDULE:

5/21–6/23

CLIENT:

thyssenkrupp Marine Systems GmbH,
Kiel

- **Combined production and administration site at shipyards in Kieler Förde**
- **Contract value in high double-digit million-euro range**
- **Tight schedule: new industrial building to be handed over turnkey to the client in June 2023**

Vienna / Kiel, 17 September 2021 STRABAG subsidiary ZÜBLIN has been commissioned to complete a new shipbuilding facility with integrated seven-storey office building in Kiel. Ed. Züblin AG is erecting the new skyline-defining industrial facility at Kieler Förde on behalf of thyssenkrupp Marine Systems GmbH. The contract value is in the high double-digit million-euro range. The foundation stone for the combined submarine production facility and administration building was laid in a ceremony at Kiel harbour on 17 September. Following the start of construction in May of this year, the new building is scheduled to be completed within around two years and handed over ready for use at the end of June 2023. With the new company headquarters at Kieler Förde, ThyssenKrupp Marine Systems intends to significantly expand its production capacities in submarine construction from mid-2023. The facility is part of a site concept that envisages the implementation of further construction projects at the Kiel shipyard site.

Contact

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“We are proud to have received this ambitious order from such a renowned industrial company. The decision is a sign of trust in the civil engineering know-how of our ZÜBLIN teams. With the construction of the new shipbuilding hall, we are pleased to be able to play our part in the further development of Kiel as a shipbuilding location,” says Thomas Birtel, CEO of STRABAG SE.

The 32 m tall industrial structure with a gross floor area of 15,390 m² is being built by a joint venture of ZÜBLIN Stuttgart (Structural Engineering) and ZÜBLIN North (Civil Engineering and Port Construction). The project team also includes Ed. Züblin AG's Zentrale Technik, which is providing support in the construction design. The new building, measuring about 170 m long and up to 70 m wide, comprises a total of seven production halls for submarine

sections, separated by concrete and fire walls, as well as the adjoining administrative building with offices, social rooms and a canteen distributed over seven floors. The entire project will require 17,000 m³ of concrete, 3,900 t of reinforcing steel and a further 2,500 t of steel for the supporting structures inside the halls.

Tight schedule

After setting up the construction site infrastructure, including three cranes, and completing the earthworks, the structural works will begin in October with the pouring of the approximately 1 m thick floor slab. "Some of the more demanding tasks of this project include the heavy steel construction work and the extensive building services engineering. The biggest challenge for the construction team, however, is certainly the tight schedule for completing all the work," explains ZÜBIN project manager Tim Rengers from the Structural Engineering business unit of Subdivision Stuttgart. The seven halls for the submarine production facility will be equipped with steel platforms all around, supplemented with mobile scaffolding in the lower area. Heavy steel girders also have to be anchored for the two gantry cranes in each hall. In addition to the measurement, control and regulation systems for the building automation, the shipbuilding halls are to be equipped with complex ventilation technology in the form of a high and medium vacuum system for the extraction and filtering of welding gases and dusts.

STRABAG SE is a European-based technology partner for construction services, a leader in innovation and financial strength. Our services span all areas of the construction industry and cover the entire construction value chain. We create added value for our clients by our specialised entities integrating the most diverse services and assuming responsibility for them. We bring together people, materials and machinery at the right place and at the right time in order to realise even complex construction projects – on schedule, of the highest quality and at the best price. The hard work and dedication of our more than 75,000 employees allow us to generate an annual output volume of around € 16 billion. At the same time, a dense network of numerous subsidiaries in many European countries and on other continents is helping to expand our area of operation far beyond the borders of Austria and Germany. More information is available at www.strabag.com.

Stuttgart-based **Ed. Züblin AG**, with more than 13,000 employees and an annual output of around € 4 billion, is one of Germany's largest construction companies. Since its foundation in 1898, ZÜBLIN has been successfully realising challenging construction projects in Germany and abroad and today is the STRABAG Group's leading brand for building construction and civil engineering. The company's range of services covers all construction-related tasks – from complex turnkey construction, civil engineering and tunnelling to construction logistics, structural maintenance, ground engineering and timber and steel construction. In recent years, ZÜBLIN has been promoting the topics of digitalisation, LEAN.Construction and sustainability and – supported by the many years of experience of its Zentrale Technik competence centre – is also increasingly offering integrated design and construction from a single source as a general planner. When it comes to partnering, ZÜBLIN has set new standards with its teamconcept partnering model, which has proven its worth on the market for more than 25 years. Current construction projects of the company, a

subsidiary of globally operating STRABAG SE, include the EDGE East Side Berlin high-rise project, the Rinsdorf and Rälsbach viaducts on the A45 motorway and the Boyneburg Tunnel on the A44. More information is available at www.zueblin.de.

Images:

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180 m long and around 35 m high: the dimensions of the new ThyssenKrupp Marine Systems site will make the submarine facility a new landmark in the skyline of the Kiel shipyard site.



Laying of foundation stone – from left to right.: Bernd Hartmann, CHRO thyssenkrupp Marine Systems, Dr. Alexander Orellano, COO thyssenkrupp Marine Systems, Dr. Ulf Kämpfer, Oberbürgermeister der Landeshauptstadt Kiel, Stephan Keinath, Technischer Leiter der ZÜBLIN-Direktion Stuttgart, Dr. Bernd Buchholz, Wirtschaftsminister des Landes Schleswig-Holstein, Oliver Burkhard, Aufsichtsratsvorsitzender thyssenkrupp Marine Systems und Paul Glaser, CFO thyssenkrupp Marine Systems