

ZÜBLIN building new lock Kriegenbrunn in Erlangen for € 450 million

Fact & Figures

STRABAG COMPANY:
ZÜBLIN Subdivision Civil Engineering
and Infrastructure
Züblin Spezialtiefbau GmbH

CONTRACT VALUE:
€ 532 million (gross)
€ 450 million (net)

ORDER BACKLOG:
Q1/24

SEGMENT:
North + West

CLIENT:
Waterway Construction Office
Aschaffenburg

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- **ZÜBLIN to realise lock replacement Kriegenbrunn during ongoing shipping operations**
- **Contract value of approx. € 450 million**
- **Construction start in April 2024**

Vienna/Erlangen, 25 March 2024 STRABAG subsidiary ZÜBLIN has been commissioned by the Waterway Construction Office Aschaffenburg to replace the lock Kriegenbrunn. Work by the consortium, consisting of Ed. Züblin AG, Züblin Spezialtiefbau GmbH and BAUER Spezialtiefbau GmbH, will start in April 2024 and is scheduled to last until spring 2032.

“This demanding project, which we are carrying out during ongoing operations, is yet another example of our construction expertise. With this project, we are continuing to drive the expansion of modern infrastructure on our waterways,” says Klemens Haselsteiner, CEO of STRABAG SE.

New construction during ongoing operations

The new single-chamber lock is being built using solid construction methods. The work comprises the excavation of the construction pit, construction of the new lock, including three reservoirs to the east of the existing lock, the approach areas with sheet pile walls, and the upstream and downstream canals. In addition to the extensive ground and civil engineering services, the overall contract also includes the steel hydraulics works and the operating technology.

The excavation of the construction pit is a key element of the project. The new lock will be built in the immediate vicinity of the existing facility without interrupting shipping operations. This makes it essential that the old lock is not affected in any way by the construction works. With an excavation pit over 30 m deep and nearly 200 m long lying over half in groundwater, this is a particular challenge. A replacement for the old Kriegenbrunn lock south of Erlangen became necessary, as the damage to the old lock was so extensive that repairs or renovation works were no longer enough.

STRABAG SE is a European-based technology group for construction services, a leader in innovation and financial strength. Our activities span all areas of the construction industry and cover the entire construction value chain. We create added value for our clients by taking an end-to-end view of construction over the entire life cycle – from planning and design to construction, operation and facility management to redevelopment or demolition. In all of our work, we accept responsibility for people and the environment: We are shaping the future of construction and are making significant investments in our portfolio of more than 250 innovation and 400 sustainability projects. Through the hard work and dedication of our approximately 86,000 employees, we generate an annual output volume of around € 19 billion.

Our dense network of subsidiaries in various European countries and on other continents extends our area of operation far beyond the borders of Austria and Germany. Working together with strong partners, we are pursuing a clear goal: to design, build and operate construction projects in a way that protects the climate and conserves resources. More information is available at www.strabag.com

Stuttgart-based **Ed. Züblin AG**, with approximately 15,000 employees and an annual output of around € 4.5 billion, is one of Germany's largest construction companies. ZÜBLIN, which has been successfully realising challenging construction projects in Germany and abroad since 1898, is the STRABAG Group's leading brand for building construction and civil engineering. The 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. Supported by the expertise of its Zentrale Technik competence centre, ZÜBLIN also offers integrated design-and-build services from a single source. We take an end-to-end view of buildings over their entire life cycle, with a focus on collaborative construction using our TEAMCONCEPT® partnering model while constantly promoting and advancing the topics of digitalisation, sustainability and innovation. Together within the STRABAG Group and with our external partners, we are working systematically to make the design-and-build processes resource-friendly and climate-neutral. Current ZÜBLIN construction projects include the EDGE East Side Berlin high-rise project, the US military hospital in Weilerbach and the approximately 2 km long airport tunnel in Stuttgart. More information is available at www.zueblin.de.

Illustrations:



Contract award for the construction of a new lock Kriegenbrunn: Paul-Marcus Schäfer, Federal Waterways and Shipping Agency (GDWS); Andreas Beier and Mareike Bodsch, both from the Waterway Construction Office Aschaffenburg (WNA); Jens Reh, Ed. Züblin AG; Hans-Jörg Krauter, Züblin Spezialtiefbau GmbH; Sebastian Ostermaier, BAUER Spezialtiefbau GmbH (from left to right)

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Visualisation of the new lock Kriegenbrunn

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