

Press release

April 19, 2024

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Order awarded: Bauer Spezialtiefbau involved in the construction of the new Kriegenbrunn lock

Erlangen-Kriegenbrunn, Germany – An awe-inspiring project: On behalf of the Aschaffenburg Waterway Construction Authority, BAUER Spezialtiefbau GmbH and two other joint venture partners have been tasked to build the new replacement structures for the Kriegenbrunn lock – with a net order value of roughly 450 million euros. The work of the “Schleuse Kriegenbrunn” joint venture, made up of BAUER Spezialtiefbau GmbH, Ed. Züblin AG and Züblin Spezialtiefbau GmbH, is planned to start in May. In spring of 2032, the lock will officially open for ship traffic.

A milestone for waterway development

The new building of the Kriegenbrunn lock is not just a construction project: this is a significant milestone in waterway development, since it will alter the entire infrastructure of the canal system. Apart from construction of the excavation pit, overall work also includes the new building of the entire lock including water-saving basins, exit basins and the connection to the sealed stretch of canal. Moreover, this project encompasses the gates and closures of the lock, the drive and control technology as well as communication and electronic equipment. The scope of service also includes regular construction of a technical building as well as roadwork and landscaping.

Experts at going deep

The centerpiece of this construction project is the excavation pit, which will be built in the immediate vicinity of the existing lock. Profound expertise is required here, since the excavation pit – half of which is located in the groundwater – is being constructed with a depth of more than 30 m and a length of nearly 200 m while ongoing ship traffic continues. This is a real challenge, since the existing lock cannot be impacted. To protect the adjacent old lock, the excavation pit has to be installed with minimal deformation. A secant and reinforced pile wall is being executed for this task. That’s no problem for the experts from Bauer Spezialtiefbau: they have many years of experience and the required expertise when it comes to new lock construction. This has already been demonstrated by successfully completed projects like the canal locks in Suelfeld, Lauenburg, Wusterwitz, Hohenwarthe and Zerben as well as the construction of the exit basins for the Moselle lock at Trier.

“The new building of the Kriegenbrunn Lock will not only modernize the infrastructure, but also lay the foundation for efficient and sustainable waterway management in Germany,” remarks Frank Haehnig, CEO of BAUER Spezialtiefbau GmbH.

Images: pressebilder-press-images-schleuse-kriegenbrunn-bauer-spezialtiefbau...



(1) Dipl.-Ing. Mareike Bodsch, Head of the Aschaffenburg Waterway Construction Authority, handed over the order documents to the representatives of the consortium. From left to right: Paul-Marcus Schäfer, Directorate General of Waterways and Shipping; Andreas Beier and Mareike Bodsch, Aschaffenburg Waterway Construction Authority; Jens Reh, Ed. Züblin AG; Hans-Jörg Krauter, Züblin Spezialtiefbau GmbH and Sebastian Ostermaier, BAUER Spezialtiefbau GmbH.



(2) The new construction of the Kriegenbrunn lock has a total order value of roughly 450 million euros (net) and will be implemented in a scheduled construction period of eight years.

All images: © Wasserstraßen-Neubauamt Aschaffenburg



About BAUER Spezialtiefbau Group

BAUER Spezialtiefbau GmbH, the original parent company of the BAUER Group, has been a major driving force in the development of specialist foundation engineering. It carries out all of the customary processes of foundation engineering, primarily for excavation pits, foundations, cut-off walls and ground improvements on a worldwide basis. In doing so, BAUER Spezialtiefbau GmbH works closely together with their subsidiaries and branches across the globe. Regional networks around the world allow for the quick and flexible application of machines, teams and expertise. Bauer Spezialtiefbau offers their customers individual, 3 creative and economical specialist foundation engineering solutions for demanding construction projects, from planning through to execution. More at <https://geotechnical-solutions.bauer.de/en>.

About Bauer

The BAUER Group is a leading provider of services, equipment and products dealing with ground and groundwater. The Group can rely on a worldwide network on all continents. The Group's operations are divided into three forward-looking segments with high synergy potential: Geotechnical Solutions, Equipment and Resources. Bauer profits enormously from the collaboration of its three business segments, enabling the Group to position itself as an innovative, highly specialized provider of products and services for demanding projects in specialist foundation engineering and related markets. Bauer therefore offers suitable solutions to the world's greatest challenges, such as urbanization, the growing infrastructure needs, the environment, as well as water. The BAUER Group was founded in 1790 and is based in Schrobenhausen, Bavaria. In 2022, it employed about 12,000 people and achieved total Group revenues of EUR 1.7 billion worldwide. More information can be found at <https://www.bauer.de/en>. Follow us on [Facebook](#), [LinkedIn](#), [Instagram](#) and [YouTube!](#)