

Press Release

Terminal infrastructure to grow by 70,000m² PORR makes space at Vienna Airport

Vienna, 14.02.2024 - The terminal infrastructure at Vienna Airport is about to be expanded. In addition to new bus gates, recreation areas, and lounges, the plans include ample space for shopping and eating. The consortium consisting of PORR, ORTNER and ELIN has been awarded the contract for the south expansion, with the contract volume for the consortium amounting to EUR 265m. The south terminal expansion is scheduled to open in 2027.

“The south expansion will be a significant upgrade for Vienna Airport and passengers will enjoy a much more comfortable stay. With this expansion, PORR is demonstrating its expertise in handling extremely complex construction processes”, says PORR CEO Karl-Heinz Strauss. Modern, open and spacious common areas, new lounges, extensive areas for eating, drinking and shopping, as well as 18 bus gates will be developed on an area spanning 70,000m². The wide-span glass facade serves as a “window to the world”. The increase in available space will not only elevate the quality of the passenger experience but will also direct passenger flows more efficiently. This challenging large-scale project requires detailed fine-tuning before construction begins, along with integration of the data into a 3D BIM model, and exceptionally streamlined process management.

BIM, LEAN and Augmented Reality

With its subsidiary pde Integrale Planung GmbH, PORR has opted for early contractor involvement. “The construction companies are already cooperating right from the design and planning phase and can suggest changes so that projects can be realised more cost-effectively and efficiently”, said Strauss. For example, the structural design of the roof construction has been optimised versus the original concept so that it can be realised more easily and with lower material costs.

PORR also relies on LEAN Design and LEAN Construction to organise all processes as efficiently as possible. This is because the LEAN management approach allows users to make continuous adjustments during the design and build phases, inputted by the actual workforce, in order to improve the construction process. In addition, a 3D BIM model is created for the entire airport building, giving all those involved access to the data. This makes any collaboration much more transparent and fluid. Being linked to BIM also enables the use of GPS-controlled excavators, as well as allowing surveying work to be carried out with a 3D model without a surveyor and making it possible for any defects to be recorded using augmented reality. Different variants of facade sampling can also be visualised on the BIM model itself using virtual reality.

Facts and figures at a glance:

Project type:	Building construction, major projects
Scope of services:	Design & Build, building a southward expansion of the existing Terminal 3 with a superior integration to the current facilities. Gross floor area of around 70,000m ² , incorporating contemporary advances in sustainability and energy efficiency
Client:	Flughafen Wien AG
Contractor:	Consortium: PORR Bau GmbH, ELIN GmbH and ORTNER Ges.m.b.H
Project duration:	July 2023 to 2027
Contract value:	Approx. EUR 265m (consortium, excluding advance valorisation)

Photo:



PORR, ORTNER and ELIN have won the tender for the south expansion of the airport © Flughafen Wien

This press release including high-resolution images is available for download from the [PORR Newsroom](#) at 1 pm on the 14.2.

About the PORR Group

Top performance driven by innovation - that is what PORR has embodied for more than 150 years. With around 20,000 employees and production output of around EUR 6.2 bn (business year 2022), PORR is one of the largest construction companies in Austria and among the top players in Europe. As a full-service provider, PORR offers every aspect of building construction, civil engineering and infrastructure construction across the entire value chain. The focus is on the home markets of Austria, Germany, Switzerland, Poland, the Czech Republic, Slovakia and Romania. PORR also works in selected international project markets such as Norway, UK and Qatar. The PORR share is listed in the prime market segment of the Vienna Stock Exchange.



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