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VINCI and HOCHTIEF to design and build Metro Line in Copenhagen

- **Joint venture builds 4.4-kilometer underground line and five underground stations**
- **Design and build contract value €460 million**

VINCI and HOCHTIEF, in a joint venture, have been awarded the design and build contract for Sydhavn Metro Line (Line 4) in Copenhagen. The client Metroselskabet has awarded the contract to an equal-parts joint venture consisting of VINCI Construction Grands Projets and HOCHTIEF Infrastructure. HOCHTIEF will be the technical leader of the joint venture. The €460 million contract was signed on February 28, 2018 in Copenhagen.

“Eighteen years after the delivery of the Øresund tunnel and two years after the award of the Femern tunnel, it’s our honor to continue to work for the Danish people’s daily mobility with a new line of underground metro, especially with our historical partner HOCHTIEF”, says Eric Chambraud, Operations Director Northern Europe, British Isles and Americas at VINCI Construction Grands Projets.

“We are very pleased to have this opportunity of demonstrating our tunneling expertise in Copenhagen again. This contract continues our successful activities in the Danish infrastructure market. We are looking forward to working once again together with VINCI”, says Riku Tauriainen, Executive Vice President of HOCHTIEF Infrastructure GmbH Europe West.

This design and build project for the southern metro line is a six-year mandate that calls for the construction of dual 4.4-kilometer tunnels using two earth-pressure tunnel boring machines (TBM) along with five underground stations and two crossover structures. The project also includes electrical and mechanical systems, architectural interior works, and in-tunnel ventilation.

The tunnels will have an interior diameter of 4.9 meters and an exterior diameter of 5.5 meters. This metro-network extension south of the Danish capital (Sydhavn or M4) will be connected to the main ring line (Cityringen).

VINCI and HOCHTIEF have brought together their skill sets in design, project management, and underground works to build this new metro line. For the first time in Denmark, 3D modeling will be used extensively as early as the bid-submission phase by the consortium. VINCI and HOCHTIEF have a longstanding tradition of collaboration, including on metro projects (such as the one in Athens, for example). More recently, the two groups have joined forces on projects in Greece and in other countries outside Europe.

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Since May 2016, the VINCI Group has led the joint venture entrusted with the task of building the world's longest underwater tunnel: the Femernbelt, which is 18 kilometers long and will link Denmark and Germany. In 1996, VINCI delivered the Storebælt railway tunnels connecting Copenhagen to the mainland. In 2000, VINCI delivered the Øresund tunnel connecting Denmark and Sweden. VINCI Construction Grands Projets is a world-leading design-build specialist in urban mobility with current metro projects for Hong Kong, Cairo in Egypt, Doha and Lusail in Qatar, and, more recently, Lot GC02 for Line 14 South and Lot T3C for Line 15 of Grand Paris Express.

In Copenhagen HOCHTIEF, in a joint venture, is currently executing the Metro Cityringen Branch-off to Nordhavn tunnel project. In the capital of Denmark, the company also built an approximately four-kilometer-long district heating tunnel. HOCHTIEF has already been successfully operating on the Scandinavian infrastructure market for many years. For instance, the company was responsible for building the Eastern Bridge over the Great Belt. Another milestone is the construction of the Øresund Bridge between Copenhagen and Malmö, in which HOCHTIEF also had a significant participation.

About VINCI

VINCI is a global player in concessions and contracting, employing more than 183,000 people in some 100 countries. We design, finance, build and operate infrastructure and facilities that help improve daily life and mobility for all. Because we believe in all-round performance, above and beyond economic and financial results, we are committed to operating in an environmentally and socially responsible manner. And because our projects are in the public interest, we consider that reaching out to all our stakeholders and engaging in dialogue with them is essential in the conduct of our business activities. VINCI's goal is to create long-term value for its customers, shareholders, employees, and partners and for society at large.

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About HOCHTIEF Infrastructure

HOCHTIEF Infrastructure delivers transportation, energy and building construction projects in Europe. Furthermore, the company has experience and reference projects in important regions worldwide. HOCHTIEF Infrastructure offers services for all realization phases of buildings, bridges, roads, tunnels, harbors, rail links, airports and facilities for the generation of conventional and renewable energy. HOCHTIEF Infrastructure has a dense network of branches and subsidiaries in Germany and in key markets in Europe. Further information is available at www.hochtief-infrastructure.com