

New cooling for innogy building in Czech Republic

WHEN ENERGY COMPANY INNOGY NEEDED TO RENOVATE THE COOLING/HVAC SYSTEM AT ITS CZECH HEADQUARTERS, BILFINGER TEBODIN'S BIM EXPERTISE WAS KEY TO WINNING THE MULTI-ROUND TENDER. THE CONSULTANTS AND ENGINEERS PROVIDED THE NECESSARY DOCUMENTATION AND SUPERVISED THE REALIZATION OF THIS PROJECT IN OSTRAVA.



Martin Papež

Innogy - a subsidiary of the German energy company RWE - is one of Europe's largest energy companies. It delivers natural gas and electricity to 23 million clients in 11 countries and has customer centres in over 40 cities in Czech Republic. Their Ostrava office underwent a major renovation of the cooling and ventilation system to improve climate control for hundreds of customer care and call centre employees.

Demonstrate innovative solutions

Innogy regularly upgrades its building services equipment to demonstrate the innovative and sustainable technical solutions the company offers its customers. 'We have a policy of delivering measures for customers that address both environmental impact and safety at work,' says Mário Gerö, Product Manager at innogy Energie. 'That's happening on this project as well, thanks to Bilfinger Tebodin's

designers who clearly understand our goals.'

One of the advantages Bilfinger Tebodin offers is independence from suppliers and the ability to move the entire project to a higher level using 3D modeling. 'During tendering, we decided to involve our BIM experts from our expertise centre in Ukraine,' adds Martin Papež, Energy Department Manager at Bilfinger Tebodin.

Quality services for better environment

'We were able to combine both existing and new cooling supplies in the renovation. Compressor chillers replaced worn absorption cooling machines. During the project we encountered a problem with strict noise limits and created a noise barrier wall next to the building as a solution,' continues Martin. In this way innogy Energie and Bilfinger Tebodin clearly showed that they

offer customers not only a solution that is economical, but also supported an optimal work environment.

Contract extended

Bilfinger Tebodin has already handed over the documentation and is now supervising work of the general contractor. The project to measure and regulate the quality of the indoor environment is in the final phase and the contract is being extended.'

Mário Gerö is very pleased with the progress: 'Bilfinger Tebodin offers comprehensive services in all the designing professions, including technological and spatial coordination. An added advantage is that the designers can communicate with the relevant authorities to issue building permits. And they listen and take account of our inputs and comments. Which is not always easy, given our demanding requirements on quality and cost-effectiveness.' ■



Designed exchange station



Exchange station during construction