

IST Flexible Purpose Lab

Client:

Government of Lower Austria

Country:

Austria, Maria Gugging

Duration:

from June 2009 to August 2010

Services:

Site supervision (construction, building services, lab technology and construction site coordination according to the Austrian Construction Work Coordination Act (BauKG)

Project objectives

At the site of the former hospital in Klosterneuburg-Maria Gugging a research facility for the Institute of Science and Technology Austria (IST Austria) has been established. The “Flexible Purpose Lab” is a further stage in the expansion of IST Austria’s campus.

Project description

Implementation phase II focused on the construction of the Bertalanffy Foundation Building located on the campus to the east of the refurbished main building. The intention was to cover a variety of fields of research, thus the name “Flexible Purpose Lab”. The building has an aesthetically sophisticated glass façade with vertical glass lamellas.

Project data

On an area of 4,200 m² a new three-storey building has been constructed, which houses labs, offices and a service zone in the centre of the building. On the 2nd and 3rd floors a bridge connects the new building to the main building.

Project specifics

Particular challenges in this project were the enormous complexity of the building and the very tight schedule.; a rather flexible design of the lab building allowing to determine the exact utilisation and requirements during construction or even after completion of construction works. As the construction pit was located below groundwater level additional measures were required to lower the groundwater level (pumps).

Services

iC was in charge of site supervision and site coordination for the construction of the lab building and various additional projects comprising construction engineering, technical building equipment, laboratory technology and furnishing.

