



# Klinikum Landshut

## Data and facts

Company	PORR Spezialtiefbau
Type	Turnkey construction pits
Runtime	04.2021 - 07.2022
Principal	Klinikum Landshut gGmbH

[Project report online](#)

[www.porr-group.com](http://www.porr-group.com)



# The complete range of specialist civil engineering services was required

## Foundations with large bored piles and micro piles

The team also applied its technological diversity to the foundation work. 148 large bored piles with diameters of 880 and 1200 mm and a pile length of up to 26 meters bear the foundation loads. Due to a lack of space, 66 micro piles with a diameter of 200 mm and lengths of up to almost 20 meters were used for the foundations in one section. For the deep sections, bored pile walls with a total length of 106 meters and an area of 1200 m<sup>2</sup> were constructed in two parts separated by the supply tunnel. A more than 600 m<sup>2</sup> large and 1.5 meter thick DSV base seals the deep sections horizontally. Finally, the supply tunnel was underpinned with a 380 m<sup>3</sup> DSV body.

## "Construction from a single source" guarantees quality and adherence to deadlines

The construction pit was sealed with a 145 meter long, up to 10 meter deep soil mixing wall. PORR produced a total of almost 1,300 meters of strand anchors for anchoring the bored pile walls, soil mixing wall and DSV underpinning. Last but not least, 36 micro piles with a diameter of 200 mm and a length of up to 15 m were supplied for three crane foundations.

## Impressions



## Image notes

1

Klinikum Landshut

In three construction phases, rectangular pavilions with light-filled inner courtyards are being built for the Landshut Clinic.

2

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The entire know-how of PORR's special civil engineering department was required for the construction work at Landshut Hospital.

3

Klinikum Landshut

PORR produced a total of almost 1,300 meters of strand anchors to tie back the bored pile walls, soil-mix wall and DSV underpinning.

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

**PORR AG Group Communications**

Absberggasse 47

1100 Wien

T +43 50 626-0

E-Mail: [comms@porr-group.com](mailto:comms@porr-group.com)