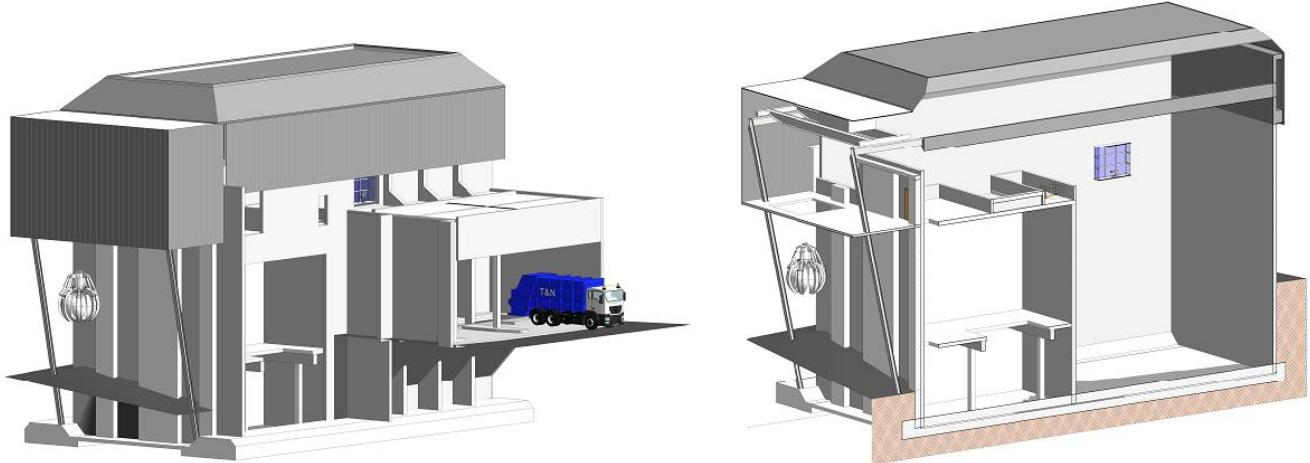


Client: ZVO Neustadt i.H.
Project: Retrofit of waste handling crane system
Services: Preliminary planning, draft planning, tendering, contract awarding



General

After 35 years in operation at the waste incineration plant MHKW Neustadt i.H. the refuse crane has reached the end of its service life. The same applies to the crane rails. All this was established in a baseline study.

In the future, the new crane system is to facilitate an annual throughput of 60,000 Mg/a for the incineration line. When performing this measure, the crane system is to be converted to fully automated operation.

To this end, all the necessary requirements such as position determination, access control and video technology are all to be brought up to the latest state of the art.

Since the existing refuse bunker has no facility for lowering the grab, a crane exit is to be built with an appropriate opening, before replacing the crane. Moreover, this swallow nest is to be used for the actual replacement of the crane and will be available in the future as a parking space for the crane for any maintenance work.

The existing crane cockpit will likewise be replaced and fitted with a crane operator's seat with modern controls.

In addition to the crane system, the bunker lighting as well as fire-extinguishing equipment are to be extended or modernized.

Planning work

The planning work covers the preliminary and draft planning as well as tendering and contract awarding.

The work for the construction measures are to be performed in cooperation with the partner company fbi.