



PROJECT

**NEW OFFICES &
OTHER WORKS
DEESIDE**

CLIENT

HENROB

CONTRACT VALUE

£3.4m

OBJECTIVE

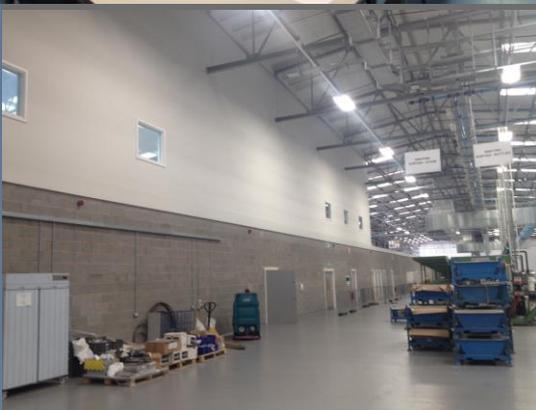
As part of their future business strategy and expansion plans, Henrob purchased an existing industrial unit on Deeside Industrial Park. Their plan was to create a new state of the art manufacturing facility in the building along with associated offices, laboratories, canteen and workshops.

METHOD

We tendered for the initial enabling works, which consisted of a tank farm and a series of machine pits, constructed within and below the existing concrete slabs. Henrob's timescales were very tight and they were particularly nervous about the enabling works element.

Following submission of our tender we underwent an intensive interview process through which we demonstrated our capabilities and credentials for undertaking the work.





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The construction of the machine pits was particularly challenging with the base of the largest pits being over two metres below the water table. We installed a full well point dewatering system and reduced the water table locally to enable the machine pits to be constructed. We successfully completed the enabling works ahead of programme in time for the new heat treatment machinery arriving from Germany.

Following the success of the enabling works we were invited to tender for the construction of new offices, laboratories, canteen, workshops and toilet facilities including showers and locker rooms. We were successful and were awarded the contract on a "Design & Construct" basis. We took the basic design concept of the client and developed the scheme with our own Architect. Through regular reviews with Henrob we developed the designs and introduced other specialists such as an acoustic consultant to ensure that the noise from the production area would not be intrusive in the offices.

We were also awarded the contract to construct a new 180 space car park and access road. We worked with Henrob to arrive at a specification and design that worked with their available budget and that met the requirement to be free draining to the subsoil below. We selected an interlocking grid system infilled with crushed slate. Before the car park could be constructed we had to break up and crush over 2,000 m³ of existing concrete slabs, most of which was re used under the new car park.

RESULTS

We met all the major milestone dates that enabled Henrob to install and commission the new production machinery and to start using the facility.

SUMMARY

Henrob are delighted with the new factory which has enabled them to increase production significantly. Their old factory is to be re fitted as a specialist production unit and we are currently assisting them with budget costs and advice for this next phase.

