

Ground Engineering Awards

Our £7m Prince Charles Wharf Extension scheme was shortlisted as a finalist at this year's Ground Engineering Awards within the category of 'UK Projects with a Geotechnical Value of between £3m and £15m'. Competing within a tough field, the team lost out to the Spire London project. The Prince Charles Wharf project has allowed Southbay to demonstrate our core strengths in terms of delivering a technically challenging contract both safely and to programme using our directly employed workforce. The project which consisted of the construction of a new 200m extension has provided the Port of Dundee with a new quayside area with an industry leading 'heavy lift' capability. The project was delivered from a challenging client brief which involved working both above and adjacent to a former quay structure which upon completion was deemed as unusable due to the failure of a number of structural elements. Our design focused on reusing as much of the former structure as possible.



The new quayside facility is one of the strongest in Scotland.

WELCOME

Welcome to the summer edition of our company newsletter which includes a number of key achievements from across the business including the shortlisting of our Prince Charles Wharf Extension scheme at the 2018 Ground Engineering Awards, and the award of several prestigious contracts including the RNLI Construction Partner Framework. During this period, we have also successfully delivered the Isle of Man Ferry Landing Stage contract on behalf of Peel Ports, a new client whom we look forward to developing a long and successful working relationship with.

In addition to this, we have also completed our head office extension, providing us with improved facilities to support our project delivery teams. This coupled with our ongoing investment to securing industry accreditation in the form of Achilles UVDB demonstrates our commitment to continually raising company standards. I hope you find this newsletter informative and remain reassured in our efforts to ensure the highest levels of performance are consistently maintained across all areas of our business.

Paul Stephenson, Managing Director

PROJECT IN FOCUS – Isle of Man Ferry Landing Stage



Steel and concrete repairs have increased the life span of the asset

Located on the Liverpool waterfront, the Isle of Man Landing Stage provides a direct ferry service from the city centre to the town of Douglas. Following a comprehensive condition survey by our client Peel Ports, it was determined that the landing stage was no longer fit for purpose due in part to excessive corrosion of structural steelwork. This resulted in a decision to undertake a series of repairs which would extend the life of the structure. Taking the form of a design and build contract, Southbay were tasked with undertaking an initial survey to determine the extent of the repairs and to prioritise those most important. Following agreement with our client, a detailed programme of repairs was undertaken to structural steel and concrete elements.

Moving Forward

We have successfully secured a number of prestigious contracts which we look forward to delivering during the second half of 2018. This includes the Weaver Sluices Wave Barrier scheme which will be delivered on behalf of Peel Ports and is located on the Manchester Shipping Canal. Constructed in the 1890's the structure is used to maintain stable water levels within the canal, aiding navigation and reducing flood risk. Southbay have been tasked with the fabrication and installation of new wave barriers and platform plinths, technically challenging work elements which will test our full engineering capabilities.

In addition, we are also due to deliver a package of works to Peruvian Wharf which will involve a series of bespoke repairs to an existing jetty and river wall. The project, which will be delivered on behalf of Brett Aggregates, is located on the north bank of the River Thames in Newsham, East London. Of key importance when delivering the works will be the coordination of activities in accordance with ongoing site operations.

To supplement these contract awards we have secured a place on the RNLI Construction Partner Framework which will involve maintaining existing and constructing new marine assets over a five-year period.



The Weaver Sluices Wave Barrier is a Victorian structure which dates back to the 1890's.

Our scope of works included the design and installation of a temporary access system, a comprehensive non destructive testing and weld survey, jacking of an existing bridge to replace structural components, steelwork repairs to the existing linkspan bridge, fabrication and welding of steel plates to existing pontoons, ladder replacement, and repairs to areas of cracked/ spalling concrete.

In accordance with the live operational port environment a proactive approach was maintained to all elements of planning, which involved decanting from the landing stage two hours before the arrival of a vessel. The success of the scheme was such that additional works were awarded.

'We worked closely with our client Peel Ports to identify those repairs most important to the operation of the landing stage and to maximise the extent of the work scope within the available budget. This collaborative working arrangement ensured the delivery of increased client value.'

Antony Ballantyne, Contracts Manager

Putting Safety First

We have successfully introduced several new working practices aimed at raising standards in health and safety. This includes the introduction of a marine water rescue dummy, used to simulate rescue scenarios on live projects. This was recently trialled on our Port of Dundee Fender Replacement scheme with excellent results achieved. In delivering our Lossiemouth Seawall scheme we developed a method of working which involved the use of rope access using IRATA Level 3 operatives. This removed the numerous risks associated with using a standard man riding basket to access the workface. Such working practices have led to a number of recent schemes including our Jubilee Quay Refurbishment, Isle of Man Ferry Landing and Lossiemouth Seawall contract being delivered with zero reportable incidents. Further notable achievements include the introduction of our mental health policy which is currently being rolled out across the business via a series of presentations and toolbox talks.



Our Jubilee Quay scheme was delivered with no reportable incidents.

Achilles Accreditation

In line with our commitment to maintaining the highest level of industry accreditation we have recently become a full member of the Achilles UVDB community. This process involved the completion of a pre-qualification questionnaire covering all aspects of our business from our core capabilities through to our HSEQ management systems. Following this, the company was subject to a two day audit, with day one involving a management system evaluation at our head office, and day 2 involving an onsite assessment at our Jubilee Quay contract. The areas of health & safety, environment, quality and corporate social responsibility were evaluated with an average score of above 90% achieved for each category. This accreditation compliments a business management system which is currently ISO 9001, ISO 14001 and OHSAS 18001 accredited.

