

Causeway Coast & Glens Borough Council

To: Environmental Services Committee

1st December 2015

REPAIRS TO WEST BAY COASTAL DEFENCES PORTRUSH

For Decision

1.0 Reporting to Committee

Linkage to Corporate Strategy	
Strategic Theme	Protecting and Enhancing Our Environments and Assets
Outcomes by 2019	Our natural assets will be carefully managed to generate economic and social returns without compromising their sustainability for future generations.
Lead Officer	John Richardson
Cost: (If applicable)	Estimated Cost - £285,000

1.1 Background

Capital Works, Energy & Infrastructure have assessed the Coastal Defences at West Strand, Portrush and identified substantial deterioration in sections of the revetment. One particular section approximately measuring 15m in length has been severely damaged due to constant aggressive wave action over many years (Appendix II indicates the position).

The damage caused includes loss of fill material beneath the revetment with voids extending to the underside of the adjacent section of sea wall. In addition, many of the facing blocks have partially collapsed with others having been eroded or broken. It is essential to carry out remedial work as soon as possible to prevent further deterioration and extend the life of the structure.

It is proposed to implement repairs to the revetment on a phased basis. The short section described above would be given priority and the chosen repair method used would be designed to be repeatable on other sections of the revetment. Further repairs could thus be carried out in the future as required.

The design will involve retaining elements of the existing structure where possible. Some visible sections of sheet piling appear to be in poor condition however other sections which have been protected from the elements could be sound and utilised as part of the repairs. Based on the information currently available, supplemented by site investigations a preliminary design has been prepared with a preliminary budget cost estimate of **£285,000.00** for the proposed remedial works.

1.2 Recommendations

It is recommended the Environmental Services Committee approve the progression of this project to Stage 2 of the Capital Programme Management System (Procurement of a contractor).