

6(a). Please give a description of the proposed project – Additional Information**Programme of works:**

It is anticipated that construction works would commence in 2022 with an overall construction period of around two and a half years. Completion of the scheme is expected to be prior to December 2025. The works in the western section would be ongoing throughout the whole construction period while the works in the eastern section would be completed in a shorter duration, anticipated to take approximately one and a half years to complete. It is likely that these works would commence at the start of the main construction period and therefore be completed earlier than the overall end date. It is anticipated that placement of the rock scour protection would commence at the eastern most end of the Scheme and work towards the west.

Quantities of material

The below section provides information on the estimated quantities of materials. It should be noted that the detailed design of the scheme is still being completed and the marine licence and Environmental Statement are based on the worst case (Rochdale envelope) estimates. Therefore the quantities are subject to change.

The concrete stepped revetment in Sections E to H includes the following estimated quantities for the whole structure:

- 882 precast concrete units,
- 1713 m³ of concrete binding,
- 4895 m³ of 6N fill in the revetment,
- 7188 m³ of drainage layer in the revetment,
- 4440 m² of sheet piles,
- 1110 m³ of in-situ concrete,
- 230 tonnes of reinforcement in the revetment, and
- 270 gabion baskets which will be filled with approximately 304 m³ of rock.

The new rock scour protection and seawall and revetment repairs in Sections A to D includes the following estimated quantities for the whole structure:

- 27,480 m³ of rock graded 1 – 3 tonnes will be imported directly onto the beach as required,
- 13,740m² of geotextile, and
- 169.65m³ of mass concrete foundation, 360m² of mesh and 12nr 8 tonne precast step units will form the access steps.