

8. Materials used

Provide a description of the permanent works and materials used in construction, alteration or improvement of the works (continue on a separate sheet if necessary):			
Type of material	Permanent works description	Quantity & Dimensions (metric) of materials	
Steel	Structural steel pontoon frames with bracketry	No.	4 frames
		Dimensions	approx 12m x 3m frames
		Weight (kg/tonnes)	circa 2.5T per pontoon
Aluminium	aluminium decking support spines	No.	28 lengths
		Dimensions	approx 12m lengths
		Weight (kg/tonnes)	15kg per 12m length
Steel	steel bridgehead frame	No.	1 frame
		Dimensions	approx 6m x 1.7m
		Weight (kg/tonnes)	circa 1T
Steel	UC galv steel guide columns	No.	5 columns
		Dimensions	approx 8m long UC section
		Weight (kg/tonnes)	circa 2.5T each column
Steel/Aluminium	Aluminium Truss Bridge	No.	1 bridge
		Dimensions	approx 20m x 1.4m
		Weight (kg/tonnes)	circa 5T
Timber	N/A	No.	
		Dimensions	
		Weight (kg/tonnes)	
Concrete	N/A	No.	
		Dimensions	
		Weight (kg/tonnes)	
Plastic/Synthetic	22mm and 30mm thick grp minimesh bridge and pontoon decking	m ²	circa 200m ² total
Plastic/Synthetic	250mm x 250mm rubber D fender	linear metres of fender	approx 49.9m total
Plastic/Synthetic	Polyethylene floatation units with closed cell polystyrene core	approx 63No floats in total over the 4 No pontoon frames (subject to final buoyancy calcs)	dimensions of each float is circa 1500mm long x 900mm wide x depths of between 600mm and
Clay (< 0.004mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Silt (0.004 mm-< 0.063 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Sand (0.063 mm-< 2.0mm)		Volume (m ³)	
		Weight (kg/tonnes)	
NOTE: all figures are approximate and subject to final design and detailing			