Questions and answer

1. Quay Load Capacity

Could you please provide the allowable load-bearing capacity of the quay surface, expressed as kN/m², tonnes/m², or any applicable loading criteria, for heavy construction plant and machinery that may be required to operate and stand on the quay during the works?

Answer

- **Uniformly distributed loads**
  A uniformly distributed loading (UDL) of 20kPa has been specified for all quay structures.
- **Vehicular Loads**
  The concrete deck was designed for 36 units of NB loading as defined in TMH 7-Part 2. Whilst it is unlikely that NB loading will be applied to the Dom Pedro Quay due to access restrictions. It is understood that a UDL of 20kPa will sufficiently represent the vehicular loading on the deck.
- **Crane outrigger loads**
  The specified NB loading will allow for the operation of moderate capacity cranes, if required. The equivalent crane outrigger loading which will be accommodated on the deck is 20t on an outrigger measuring 1m x 1m.

2. Stormwater Infrastructure Details

Could you please indicate on the existing drawings, or provide a detail showing the location of the following stormwater infrastructure:

- Existing 315 mm pipeline
- Existing 250 mm pipeline
- Proposed new manhole
- Proposed conveyance tank

Answer

As-built drawings are attached to addendum no.2

The as-built drawings indicate the position of the existing 315mm diameter pipe connection to the existing separation tank.

In addition, the stormwater drawing shows the location of the proposed conservancy tank and manhole, which have been circled in red for ease of

reference. The existing 250mm diameter pipe is also shown on the drawing and has been circled in red.

These drawings are provided for reference in assessing the existing and proposed services within the area.

3. Underwater scour protection: Please confirm the required rock size and grading for the underwater scour protection?

Answer

Rock to be provided by Contractor

Gradings

The following rock gradings are required in the Works:

CATEGORY	GROUP	DESIGNATION
Scour Protection	Light Grading	160 kg – 400 kg

Scour Protection

Class Limit	Definitions	% by Weight Smaller
ELCL	16 kg	< 2%
LCL	160 kg	0 – 10%
UCL	400 kg	70 – 100%
EUCL	600 kg	>97%

4. Payment for trench excavation: Please confirm whether excavation for the trenching will be measured and paid under BOQ item 2.2.3. If this item does not apply, please advise which BOQ item should cover these works.

Answer

Item 2.2.3 is for excavation for manganese material; there are items 4.2.1 and 4.5.1 that deal with excavation of trenches.

5. With reference to the advertised tender for the above-mentioned tender, we would like to kindly request a copy of the Bill of Quantities (BOQ) in editable Excel format, if available.

Answer

The Bill of Quantities (BOQ) will be issued on Monday, 09/11/2026.

6. Tender closing date extension request.

   Answer

   The tender closing date has been extended to **30 November 2026.**