

## **Quotation: General Arrangement for Pontoon at Falmouth Prince of Wales Pier. PDQ078/A – 29<sup>th</sup> November 2018**

### **1. Introduction**

This quotation is for a preliminary general arrangement and specification for a proposed pontoon at Falmouth Prince of Wales Pier in support of Falmouth Harbourside CIC Proposal.

The arrangement is for L shape pontoons with access via a brow from the shore. The pontoon is for public access to the local ferry service.

The General arrangement and specification is to be produced for information to be presented to authorities and financial backers to represent the design intent. The document can also be used for initial quotation.

The design will remain generic to ensure that the client can tender to a number of alternative manufactures with alternative construction methods for quotation.

### **2. Scope**

The scope of the design work to be undertaken by the designer is as follows:

#### **2.1 Arrangement**

Develop arrangement and layout to meet the requirements in conjunction with CIC. To include:

- Pontoons

  - Consideration of berthing of current and future vessels

  - Proposed pile arrangement

  - Pontoon furniture (railings, bollards, shelters, utility stations etc)

  - Utility requirements (Electrical, diesel, water)

- Brow

  - Preliminary buoyancy and stability calculation, based upon estimated weights. (Final buoyancy and stability calculations will be dependant on the construction method and be completed by the pontoon builder).

#### **2.2 Specification**

Specification to include:

  - Proposed maximum passenger loading

  - Maximum vessel size to be berthed

  - Vessel impact requirements

  - Operation weather requirements

  - Lifespan

  - Maintenance periods

  - Standards to met

#### **2.2 Review and Update**

The scope allows for one review meeting and associated update of drawings and specification with client comments.

### 3 Deliverables

The following drawings will be delivered to the end user in electronic and/or paper formats:

3.1 General Arrangement – 2xA1 sheets pdf format + 2x paper copies

3.2 Specification- A4 pdf format

### 4 Assumptions

4.1 The client will supply a description of the pontoon requirements at initial kick off meeting.

4.2 The client will supply drawings of the pier and adjacent shoreline.

4.3 1.5 days have been included in the quotation to allow for review meeting and final update.

### 5 Exclusions

The following items are not covered in this scope of work

5.1 Detailed structural design.

5.2 Pile design

5.3 Electrical system design;

5.4 Deck equipment design;

5.5 Sea state prediction

5.6 Environmental impact study

### 6 Cost

For the work outlined above the contract price shall be: £3,470.00p +VAT

To be paid thus:

30% upfront

50% upon completion of deliverables

20% upon final review and update.

Meetings and travel, if required, will be charged at cost.

### 7 Terms and Conditions

Pelagic Design Ltd standard Terms and conditions apply.