

Penzance Dry Dock

Groundworks & Site Modifications

Employer's Pricing Document

October 2024

Penzance Dry Dock

Employer's Pricing Document



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Notes for completion of the Pricing Document

- 1 This Schedule of Works has been prepared using the Design Information included as part of this tender and as noted below.
- 2 Descriptions and measurement rules are based on New Rules of Measurement (NRM) 1, however some items are grouped by element for clarity. All quantities are approximate and the tendering Contractors are to satisfy themselves of the exact quantities. Any variation in quantities shown within this document is at the Contractors risk.
- 3 Should the tenderer identify any discrepancies between the Design Information issued with this tender and this Pricing Document, they should raise this as a clarification during the tender period. In all instances, the design information should take precedence.
- 4 Tenderers are required to compete this Schedule of Works in full, any item not priced will be deemed to be included within the tendered sum.
- 5 Tenderers are required to be fully cognisant of the corresponding Specifications and Drawings issued as design information with this tender when pricing each item. The full content of the design information is to be considered.
- 6 Tenderers preliminary cost items are included as a separate pricing sheet.
- 7 Works Sections - All items included under each heading follow the broad principles of NRM1.
- 8 The successful tenderer's priced document will be used as the basis of and supporting information in respect of the Contract Sum.

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Employer's Bill of Quantities

Pricing Notes (Cont'd)

- 9 Whilst the formula calculations have been included, it is the tenderers responsibility to ensure these are correct and totalled correctly.
- 10 The Contractor is to comply fully with the following tender documents:

MBA 24060 Series:

Penzance Dry Dock, Penzance - MBA Designers Risk Assessment REV B 23.09.24

Transmittal Structures_S1_241014

Transmittal Structures_S2_241014

10_E

11_F

12_E

20_B

21_B

22_B

23_B

24_B

25_B

26_B

30_D

31_D

32_D

33_D

34_C

35_B

36_C

50_B

51_C

52_A

53_A

Structural Specification-Rev C-2024-09-27

24093 Penzance Dry Dock GIR ISSUE1 (Karn Geo Ground Investigation Report)

24093 Penzance Dry Dock PIR ISSUE1 (Karn Geo Ground Investigation Report)

BBS-24060-50_A

BBS-24060-51-01-B

BBS-24060-52-01-A

BBS-24060-53-01-A

Collation Safety Consultants - Pre-construction Health & Safety Information Pack

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General Summary

		Tender
General Works		£
1.1	Works as per MBA design	-
Substructure Sub-Total		-
Preliminaries		£
9.1	Project Preliminaries	-
Preliminaries Sub-Total		-
Risk Register		£
10	Risk allowance	
Fee		£
11	Contractor Piling Design	
GRAND TOTAL		-

Element					Time Related
	Qty	Unit	Rate	Total	
Project Preliminaries					
Anticapped Project Duration		weeks			
Site Establishment					
Site Office		Weeks			
Container		Weeks			
Welfare - Combined with Site Office		Weeks			
WC		Weeks			
Office / site cleaning		Weeks			
Delivery & Collection		No.			
Site hoardings		Item			
Branding, lighting and adaption to hoardings		Item			
Telecoms / Broadband Set Up. Not required, use existing		Item			
Site Radios		No.			
Temporary Water Supply		Weeks			
Temporary Water Installation		Item			
Temporary Electric Supply		Weeks			
Temporary Electric Installation		Item			
Stationary, Printing etc.		Item			
Project Supervision					
Visting Contract Manager		Weeks			
Site Supervisor					
Weeks -8 to -1		weeks			
Weeks 1 to 28		weeks			
Weeks 12-30		weeks			
Weeks 30-52		Weeks			
Off site Parking		Weeks			
Quantity Surveyor					
Weeks -8 to -1		weeks			
Weeks 1 to 12		weeks			
Weeks 13-28		weeks			
Setting Out Engineers		Visits			
Plant Hire					
Tower crane		weeks			
Erect crane		item			
Decommission crane		item			
Supply to tower crane		item			
Crane accessories		item			
Scaffolding allowance		item			
Scaffolding netting and security		item			
Scaffold inspections		item			
Loading Towers		No			
Access 'Haki' Stairs		No			
Internal tower scaffolds		weeks			
MEWP		weeks			
Laser Level		weeks			
Temporary Internal Stairs		Item			
Stubby trailer Hire		weeks			
Forklift - crane		days			
Forklift offsite		item			
Tipper truck		weeks			
Chainsaw and fuel					
Small tools		weeks			
Hire rebates					
Health & Safety					
PPE allowance		weeks			
CDM Principal Contrator Role		Item			
1st Aid		Item			
Fire Points		Nr			
Temp fire alarms		item			
Site signage		Item			
O&M Manual		Item			
General Waste Disposal					
General Waste Skips		No.			

<u>Insurances</u>					
EL, PL included					
CAR / Project Insurance		Item			
Streetworks / traffic management					
<u>General labour</u>					
Slinger / banksman		weeks			
Crane operator		weeks			
Enabling		weeks			
Total					

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Take Off	Quantity	Unit	Rate	Total
24060 <u>Drawing 10 Rev E</u>				
Allow for undertaking an under and over ground survey prior to starting the works.	1			
Break-out existing ground to allow formation of new ground beam	1			
Groundbeam; cast insitu, as detailed on drawing 24060-11_F; 1m x 0.8m grade C50 Reinforced Concrete; 60mm cover to all faces 30 x 30 chamfers; min 50mm Lean Mix Concrete Binding; 150mm hardcore to take weight of concrete; re-inforcement as per MBA drawing 50, including shuttering.	1			
North	0.5			
	4.6			
	6			
	6			
	6			
	6			
	6			
	6			
	6			
	6			
	4.1			
	4.1			
	0.5			
South	0.5	67.8 m		
	6			
	6			
	6			
	6			
	6			
	6			
	6			
	6			
	5.7			
	5.7			
	0.9			
	72.8	m		

Piles - Contractor Design Item	27		
		27	Nr
450wd x 300dp Tie Beam Back to New Workshop Slab	6		
		6	Nr
Condition of Dock to be Inspected & Monitored During Piling Works.	1		
		1	ITEM
Consideration to be made for all protection & comment from Conversation Officer to be obtained by Client in relation to the ground beam works.	1		
		1	ITEM
Allow for new gate position interface with North ground beam position.	1		
		1	ITEM
Allow for adjusted external ground levels to be adjusted for raised workshop & goliath foundation levels.	1		
		1	ITEM
533x312x165ub's to form max. 17m wide temporary platform. Final length T.B.A on site. Max. Load 25kN/m2	1		
		1	ITEM
Condition of exg. Dry dock to be reviewed on site. Allowance to be made for new capping beam on new foundations. Option for platform to span between crane beams.	1		
		1	ITEM
Condition of dock to be inspected & monitored during piling works.	1		
		1	ITEM
Allow for detailed design of all piles in accordance with the requirement noted on drawing 24060 10 Rev E.	1		
		1	ITEM
<u>Drawing 11 Rev F</u>			
Allow for stability measures for piling rig during movement around site & installation of piles.	1		
		1	ITEM
Allow for the design & installation of a working platform capable of safely supporting pile rig loads.	1		
		1	ITEM

Allow for working in proximity to water and height.	1					
		1	ITEM			
Allow for surveying pile locations for any UXO contamination prior to piling.	1					
		1	ITEM			
Allow for extent of temporary removal of workshop steelwork & cladding to be discussed on site with Client to allow piling and ground beam work.	1					
		1	ITEM			
Excavate and Form 450mm wide thickening to underside of slab, including re-inforcement.	6					
		6	ITEM			
<u>Drawing 12 Rev E</u>						
Jib Crane Base, 3.7x3.7x0.8m; Grade C50 Reinforced Concrete with H16's @ 175mm c/c T&B both directions & side u-bars. 60mm cover all faces; cover BTM. Reinforcement as BBS-24060-51-01-B	3.7 3.7 0.8					
		11.0	M3			
accordance with MBA drawing 24060-12_E and MBA specification D30.	4					
		4	Nr			
Allow for ascertaining extent of substructure to workshop to be verified on site to enable position of JIB crane to be adjusted as required.	1					
		1	ITEM			
<u>24060-30_D</u>						
350mm thk C50 RC suspended slab cast on top of existing slab. Re-inforcement as per BBS-24060-53-01-A	61 24					
		1464 0.35 512.4	M3			
Allow for extent of the existing slab to be removed to avoid exceeding the required maximum s.s.l.	1					
		1	ITEM			
Allow for concrete blinding to be provided where existing slab is lower than the underside of the new slab.	1					

Specialist piles, including Caps to be undertaken and designed by Specialist Piling Contractor.

24060-31 D

Removal Existing Columns by Client

24060-34 C

Allowance for the inclusion of casting new column plates holding down bolts

24060-36 C

Details to support piles as noted on drawing 24060-30 D.

24060-50 B

Details to support RC goliath crane as detailed on drawing 24060-11 F

24060-51 C

Details to support JIB Crane foundation as detailed on drawing on 24060-11 F

Total

	1	ITEM		
60				
	60	NR		
0				
	0	NR		
1				
	1	ITEM		
1				
	1	ITEM		
1				
	1	ITEM		
1				
	1	ITEM		