

Transnet National Ports Authority

an Operating Division of **TRANSNET SOC LTD**

[hereinafter referred to as **Transnet**]

[Registration No. 1990/000900/30]

REQUEST FOR QUOTATION [RFQ]

DESCRIPTION OF THE SERVICES: FOR THE VESSEL MANOEUVRINGS SIMULATION STUDY FOR QUAY 3 – REPLACEMENT OF SHEET PILES IN THE PORT OF MOSSEL BAY FOR A PERIOD OF THREE MONTHS.

RFQ NUMBER: TNPA/2023/05/0007/30457/RFQ

ISSUE DATE: 10 AUGUST 2023

CLOSING DATE: 28 AUGUST 2023

E-MAIL CLOSING ADDRESS: Transnet e-Tenders Management,
(<https://www.transnet.net>)

1st REVISED CLOSING DATE: 08 SEPTEMBER 2023

2nd REVISED CLOSING DATE: 12 SEPTEMBER 2023

CLOSING TIME: 14:00

BID VALIDITY PERIOD: 12 WEEKS FROM CLOSING DATE

It is hereby recommended that the Procurement Manager approves the addendum II on the amendment on the closing date and response to bidders for the RFQ regarding the vessel manoeuvrings simulation study for quay 3 – replacement of sheet piles in the Port of Mossel Bay for a period of three months. This is to accommodate all questions that were raised by bidders prior to closing date.

Bidder's questions	TNPA response
1 In the new addendum a table is given of the vessel range. It is stated that the vessel sizes range of 1 500 – 7000 DWT – as also in the RFQ. o However, in the table, you refer to these values as Gross tonnages (GT) – which we believe is incorrect. Should these be the DWT or GT ? 2 Please indicate what sort of vessel this 7 000 DWT is, e.g. workboat? 3 The draughts in the table exceeds the present or even the medium-term port layout (as per NPP2022). The vessel will not be able to use the port. And no info is given on potential dredging. o This is also the case the proposed berthing of the cruise liner. Currently, the vessel will be able to berth. Is this part of the medium-term port layout ? No info was given about any further development of the port, e.g. extending the breakwater, developing the outer berth?	1. It should be DWT 2. General cargo boats 3. Proposed future depth within and without the basin 10

Confirm the characteristics of the proposed vessels for the scope of this RFQ (e.g. length of vessels, draught of vessels and dead-weight tonnage of vessels as well as other that is available).

The characteristics of the proposed vessels within the basin as prescribed in the document "Port C3 – Scope of work, page 8 of 22, paragraph 2.1. Simulations should be based on vessels ranging 1 500 – 7 000 DWT."

Gross tonnage (t)	Displacement (t)	LOA (m)	LOA (m)	DP (m)	Beam (m)	Depth (m)	Max draught (m)	Wetland area (a ²)	Wetland area (a ²)	
								Basin	Basin	
1500	5200	124	98	15.3	5.6	6.3	712	146	198	
5000	142	125	18.3	11.2	7.5	1000	1243	205	271	
7000	12600	136	128	20.1	12.4	8.3	1250	2550	256	303

However, simulations should also be done on the outer side of Quay 4 where a new extended quay shall be developed using the cruiser/liner prescribed below.

Table 6.1: Design vessel characteristics

Parameter	Prescribed value
Vessel type	Cruise Liner

PORT OF MOMBASA BAY - MEDIUM TERM LAYOUT - 2032

0 1000 METERS

LEGEND:

- BREAKBULK WHARF
- GENERAL WHARVES
- CONTAINER WHARF
- FUEL WHARF
- BULK WHARF
- NEW WHARF-2032
- PORT LIMIT

NATIONAL PORTS PLAN 2022

