

**SPECIFICATION AND BILL OF QUANTITIES FOR: MANUFACTURE AND SUPPLY A  
DIVE TRAILER**

**1. SCOPE OF WORKS AND GENERIC CONDITIONS OF CONTRACT**

**1.1. SCOPE OF WORKS**

- 1.1.1. The selected service provider shall manufacture a dive trailer in-line with the scope of work as set-out in this document.
- 1.1.2. The selected service provider shall deliver the diver trailer with all required licensing and certifications inline with the relevant regulations.

**1.2. SPECIFICATION**

- 1.2.1. The dive trailer must have the following as a minimum:

- The trailer superstructure material must be made of marine-time grade corten steel (alloy), which is set upon a steel galvanized trailer bed.
- Overall dimensions length 3 meters and width 1.5 meters. (*Please see figure 1 below*)
- Overall height of 2 meters and have a minimum ground clearance of 200mm.
- The colour of the trailer must be white as shown in figure 1 below.
- The trailer shall have 2 axles, with a minimum tyre size shall be 14 inch.
- 3 doors all opening and able to lock from outside. 1 window must be able to slide open and close.
- The trailer floor must be waterproof lamination.
- Trailer shall be subdivided into an office (2 meters) and (1 meter) storage compartment. (*Please see figure 2 & 3 below*)
- Trailer shall be fully fitted with electrification (220V 230V, 50/60 Hz). Minimum 3 standard sockets in the office compartment and 1 light with a switch fully operational. Storage compartment has to be fitted with 1 light fully operational.
- Trailer shall be fitted with immovable furniture; an L-shaped desk with 2 drawers lockable and 2 large sets of hooks to hang umbilicals,
- Storage compartment shall have a rack in the shape of an arc to storage cylinders. (*Please see figure 3 below*)
- The licensing of the trailer with the traffic department shall be under Transnet National Ports Authority or an official appointed proxy of Transnet National Ports Authority.

NB: All changes to this specification are to be written and approved by the Port Engineer.

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Figure 1: Dive Trailer



Figure 2: Office Compartment



Figure 3: Storage Compartment

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## **2. CONDITIONS OF CONTRACT**

### **2.1. LOCATION OF SITES AND ACCESS**

- 2.1.1. The site is located at the Port of Port Elizabeth, access to the site can be gained via the Baakens entrance.
- 2.1.2. The Contractor shall be obliged to comply with all legal, environmental, safety and quality requirements pertaining to the works. The Contractor shall not clear or traverse areas outside the immediate vicinity of the construction site without the permission of TNPA Engineering.

### **2.2. WEATHER CONDITIONS**

- 2.2.1. All weather delays are to be recorded accurately on daily log sheet.

### **2.3. TIME MANAGEMENT**

- 2.3.1. The duration of the project shall be 4 (four) weeks from signing of this contract by parties.

### **2.4. PAYMENTS AND MEASUREMENT**

- 2.4.1. The Contractor shall prepare and submit a payment certificate, together with supporting documentation as laid down elsewhere in this document to the Employer for approval and signature.
- 2.4.2. The Contractor must invoice TNPA in a form approved by TNPA representative (quoting the purchase order number), for all payments under the contract after completion of works.
- 2.4.3. Payments will be made by TNPA within 30 days and at the end of the month from receipt of the Contractor's invoice, provided that the content of the invoice has been certified as correct by the TNPA representative and nothing in the invoice is in dispute.

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#### **2.5. CONTRACT PRICE ADJUSTMENT**

2.5.1. The rates quoted in the schedule of quantities and prices will not be subject to any price adjustments factors for the duration of this contract agreement.

#### **2.6. TERMINATION OF CONTRACT**

2.6.1. TNPA will endeavor to give notice of a likely termination date for the

2.6.2. Either party may terminate the contract by providing the other party with 1 (one) week (7 working days) notice.

2.6.3. Despite anything in the contract to the contrary, TNPA may, by providing a written notice to the Contractor, terminate the contract immediately if the Contractor:

- a) Suffers an insolvency event
- b) Refuse to comply with any reasonable instruction or direction of the TNPA representative.
- c) Is in breach of this contract and has failed to rectify the breach following a written request to do so by TNPA.

#### **2.7. COMPLIANCE**

2.7.1. The Contractor must comply and ensure that he/she complies with all legislation including the occupational health and safety acts, equal opportunity legislation, road traffic acts, motor vehicle (third party insurance), transport acts, industrial agreements, registered workplace agreements of employer-employee agreements, the Safety, Health and Environment (SHE) requirements and all lawful direction of the TNPA representative application to the contract.

2.7.2. The Contractor must obtain all necessary permits, licenses and approvals, give all notice required to be given and pay all applicable relevant fees in connection with the contract and provide evidence of compliance to the TNPA or the TNPA's representative on request.

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**2.8. ASSIGNMENT AND SUBCONTRACTING**

- 2.8.1. If the Contractor has subcontracted the designated work, TNPA requires the Contractor to notify TNPA of any such appointments and to ensure that the subcontractor complies with all conditions as stated in this contract.
- 2.8.2. The main contractor will ultimately be responsible for all the terms and conditions as stated in this contract and under no circumstances will any responsibility be transferred to the subcontractor.

**2.9. PRICING INSTRUCTIONS**

- 2.9.1. Pricing Assumptions mean the criteria as set out below, read together with all Parts of this specifications document, which it will be assumed in the contract that the tenderer has taken into account when developing their rates and prices.
- 2.9.2. Tenderers are advised that the Bill of Quantities is a "provisional bill" subject to re-measurement as the work proceeds.
- 2.9.3. The terms "Schedules of Quantities" and "Bills of Quantities" shall have the same meaning. The title "Engineer" shall be interpreted as "Project Manager".
- 2.9.4. The Bill of Quantities contain only brief descriptions to identify the salient items required and the Tenderer is referred to the Generic Conditions of Contract and Scope of Work for the full requirements.
- 2.9.5. The prices and rates to be inserted in the Bill of Quantities are to be the full inclusive prices to be paid by the Employer for the work described under the several items. Such prices and rates shall cover all costs and expenses that may be required in and for the execution of the work described, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the documents on which the tender is based, as well as overhead charges and profit.
- 2.9.6. Where an item in the Bill of Quantities makes reference to a specific measurement and payment clause, the rate or price of the item shall also include for all costs stated in the particular payment clause. Such reference will be to the relevant Pricing Assumption item. The reference clauses indicated are not necessarily the only sources of information in respect of scheduled items. Further information and specifications may be found elsewhere in the contract documents.

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2.9.7. A price or rate is to be entered against each item in the Bill of Quantities, whether the quantities are stated or not. An item against which no price is entered is deemed to be covered by the other prices or rates in the Bill of Quantities but the rate, where applicable, will nevertheless be taken as nil and no claim will be considered should the quantity of such items increase or decrease.

2.9.8. Unless otherwise stated, items are measured nett in accordance with the drawings and as specified and no allowance has been made for waste. Rates and prices shall include for waste of whatever nature and for all necessary straight cutting (notwithstanding any trade custom to the contrary).

2.9.9. The units of measurement described in the bill of quantities are metric units abbreviated as follows:

<b>Abbreviation</b>	<b>Unit</b>
No.	Number
SUM	Lump sum

2.9.10. Where items in the Bill of Quantities include reference to trade names or proprietary brands, the reference is used in order to establish the required type and quality of production which the price is based.

2.9.11. Where items in the Bill of Quantities have no applicable measurement and payment clause reference the rate or price for the item shall be the fully inclusive rate or Price for the work described including all materials, labor, plant, equipment, overheads and profit as applicable.

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**3. BILL OF QUANTITIES**

<b>ITEM NO.</b>	<b>Ref</b>	<b>DESCRIPTION</b>	<b>Unit</b>	<b>QTY</b>	<b>Rate</b>	<b>Total Amount</b>
		This BOQ shall be read in conjunction with this specification document and the RFQ clauses				
1		<b><u>PRELIMINARY AND GENERAL</u></b>				
		Preliminary and General (detailed breakdown to provide upon request for such information)	Sum	1		
2		<b><u>MANUFACTURE AND SUPPLY DIVE TRAILER</u></b>				
2.1.		Manufacture (3mx1.5m) and supply dive trailer	No.	1		
		<b><u>Subtotal</u></b>				
		<b><u>Value Added Tax (15%)</u></b>				
		<b><u>Grand Total</u></b>				

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