
PORT OF NGQURA:

SPECIFICATION FOR TRANSPORTATION AND PLACEMENT OF DOLOSSE UNITS INTO THE BREAKWATER

For: **TNPA Port of Ngqura**
Prepared by: **TNPA Port Engineering, Port of Ngqura**

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1. INVITATION TO SUBMIT QUOTATION

Bidders are hereby invited to tender for the transportation and placement of dolosse units into the breakwater, in the Port of Ngqura.

1.1. BACKGROUND

Breakwaters are concrete structures that perform an important function by providing safe water for the navigation of vessels and a calm inner harbour for port marine operations. The Port of Ngqura consists of an Eastern and Western Breakwaters that were constructed in 2006. The Eastern Breakwater is approximately 2.6km long and is protected by 30-ton dolos units on both sides, while the Western Breakwater is approximately 1.1km long and protected by 30-ton dolos units only on the seaward side.

2. SCOPE OF WORKS

The scope of work for Eastern breakwaters includes but not limited to the following:

- Transport and place 166X30ton dolosse units (maximum reach of 30m), from station 650 to 2300 at the seaside of the Eastern Breakwater. These dolosse units will be transported from the dolosse storage yard which is approximately 5km away from the Eastern Breakwater.

TNPA will supply all the Dolosse to be placed. The service provider will be required to supply the following:

- A crane that will be suitable to lift a 30ton concrete dolosse at a maximum reach of 30m,
- A low bed to transport these dolosse units,
- And all the ancillary lifting equipment and any other equipment required for use in the execution of the works.
- Provide a competent and experienced supervisor for the supervision of all the works.
(Provides following mandatory documents: CV that includes their rigging qualification indicating minimum of three years of rigging experience post-qualification.)

Below is the locality plan for the project:

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Figure 1: Locality plan

3. GENERAL

3.1. DURATION OF CONTRACT

- 3.1.1. The duration of the contract is 8 weeks or until the Purchase Order is depleted.
- 3.1.2. The contract duration encompasses the necessary time for procuring materials, labour, and any other associated lead team items.
- 3.1.3. The contract duration starts when the purchase order has been issued to the Contractor.
- 3.1.4. The contract completion date or, in other words, the Purchase Order expiry date shall be stated on the Purchase Order document provided to the Contractor.
- 3.1.5. In the event of anticipated delays that could extend the completion of the service beyond the Purchase Order expiry date, the Contractor must immediately communicate this to the Project Manager to allow the Project Manager to seek the necessary approvals for amending the Purchase Order Expiry date, if merited to do so.
- 3.1.6. Work related to the service being provided may only continue beyond the original Purchase Order expiry date upon obtaining official approval for the extension of the Purchase Order expiry date from the Project Manager. The Contractor must ensure compliance with this protocol before proceeding with any work after the initial expiry date.

3.2. TNPA PROJECT MANAGER

- 3.2.1. The TNPA Project Manager will be the Transnet point of contact for any administrative, payment, or managerial matters related to this tender.
- 3.2.2. The name and contact details of the Project Manager will be made available to the Contractor upon award of this tender.

3.3. SITE

- 3.3.1. The pictures below show a close-up view of the exact site.



This picture shows the start of the eastern breakwater from the landward side.



This picture shows the end of the eastern breakwater from the seaward side.

3.4. SITE LOCATION

3.4.1. The Port of Ngqura is located at the following address:

Transnet National Ports Authority
Neptune Road
Port of Ngqura
6100

3.5. TNPA SHE REQUIREMENTS

- 3.5.1. After the award of the tender, the successful Contractor must prepare a safety file in adherence to the requirements as set in the *Contractor Compliance File Assessment Checklist*.
- 3.5.2. The Contractor must complete the *Contractor Compliance File Assessment Checklist* (provided **ANNEXURE A**) and submit it for approval to the TNPA Port of Ngqura SHE Department representative. After approval the Contractor will be issued with a *Site Access Certificate*.
- 3.5.3. The Contractor must always have their *Site Access Certificate* with them on site.
- 3.5.4. After the *Site Access Certificate* has been issued the Contractor's Employees must be inducted by the TNPA SHE Department before working on site and in the Port.

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CONTRACTOR COMPLIANCE FILE ASSESSMENT CHECKLIST

Date of inspection _____

Client	
Employer (Principal contractor)	
Registered name of the enterprise	
Trade name of the Enterprise	
Company Registration No	
SARS registration No (PAYE)	
UIF registration No	
COIDA registration no	
Relevant SETA for EEA purpose	
Industry sector	
Bargaining Council	
Contact person & position	
Contact number	
Site Address	
Postal Address	
Chief Executive Officer	
Chief Executive officer's email and contact number	
Construction Manager	
Health and Safety Representative	
Activities/ Service rendered	
Commencement date	
Completion date	
Site Phone	
Total number of employees on site:	
Female	
Male	
People with disabilities	

CONTRACTOR	Complying	Not Complying (i.e. Comments)	Not Applicable
1. Site Specific Organogram of reporting structure. This document must provide all persons appointed in terms of OHS Act No. 85 of 1993 including contact details. (Rev, date, approval)			
2. Contractor scope of work information (Company Profile)			
3. Notification of Construction Work to the Department of Labour: Document to display required information as per OHS Act No.85 of 1993 – Construction Regulations Annexure A, must carry the stamp of acceptance from the Department of Labour (<i>if applicable</i>)			
4. Application for a permit to do construction work (<i>if applicable</i>)			
5. Valid Letter of Good Standing with FEM/WCA: And proof of relevant insurances to carry out work.			
MANAGEMENT PLANS			
6. Copy of reference documents: Health & Safety, Security, Quality, Environmental, and other applicable Specifications Including a signed register of communication to Managers, Supervisors & Safety Officers			
7. Approved Contractor Execution Plan correlating with Specification provided by Transnet (i.e., Approved health and safety plan, environmental plan, security plan etc.)			
8. Contractors Health and Safety Policy			
9. Site Specific Emergency Plan			
10. Contractors Traffic Management Plan (if applicable)			
11. Procedure for handling Hazardous Chemical Substance's and Applicable Safety Data Sheet (<i>if applicable</i>).			
APPOINTMENTS			
12. Fully completed appointments of the following (depends on the scope of work) but not limited to:			
• Sec. 16(2) – Delegated Authority (Assistant to the CEO)			
• CR 8(1) – Construction Manager			
• CR 8(7) – Construction Supervisor			
• CR 8(8) – Assistant Construction Supervisor			
• CR 8(5) – Construction Safety Officer			
• CR 9(1) – Risk assessment			
• CR 10. (1)(a) – Fall Prevention Planner (<i>if applicable</i>)			
• CR 10. (2)(b) (fall risk) Physical & Psychological fitness			
• CR 23. (d)(k) – Vehicle operator and Inspector			
• GSR 3.4 – First aider			
• CR 29 (h) – Fire Fighter			
• Sec 24, GAR 9(2) – Incident Investigator			
• CR 13(1)(a) – Excavation Supervisor			
• CR 28(a) – Stacking and Storage Supervisor			
• CR 12(1) – Temporary works designer			

• CR 14(1) – Demolition work supervisor			
• CR 16(1) – Scaffolding work supervisor			
• CR 17 (1) – Suspended platform work supervisor			
• CR 18(1)(a) – Rope access supervisor			
• CR 19(8)(a) – Material host Inspector			
• CR 20(1) – Bulk mixing plant supervisor			
• CR 21(2) – Explosive actuated fastening devices inspector			
• Sec 17(1) – SHE Rep (more than 20 employees)			
• GSR 13(a) – Ladder Inspector An abbreviated CV of the above appointed persons shall be attached to the appointment. Competency certificates will also be attached as required in specifications			
13. Elevated work training (Rescue/ Safety harnesses) – accredited Training (<i>If applicable</i>)			
14. Fall Protection Plan by competent person / Rescue Plan (<i>If applicable</i>)			
15. Contract/Project Specific Risk Assessment indicating the full scope of work and risk profile – High risk task inventory registers to be attached.			
16. Risk Assessment (HIRA), Method Statement, Safe Work Procedure to be generated for each specific task to be performed on the contract/project i.e., Site establishment, confined spaces, working at heights, working near water, excavations etc. Note: before establishment they can supply what, they will start with – site establishment, fencing, clear & grub...so only request what is relevant at the time.			
17. PPE Policy and most recent issue register.			
INDUCTION			
18. Induction application forms completed for every employee of the contractor performing work on site; The following shall be attached:			
• Employee Dossier with applicable documentation;			
• Proof of site-specific induction;			
• Copy of ID Document;			
• Legal Letter of Appointment;			
• Proof of competence i.e.: Artisans, drivers, operators etc.;			
• Valid medical certificate of fitness done by an Occupational Health Practitioner (i.e., Annexure 3 for construction work)			
REGISTERS			
19. Copy of equipment registers to be used with copy of each item's inspection checklist. The registers are not limited to the following, depends on the scope of work:			
• Site visitors register			
• Excavation Inspection Register			
• Hand tools Inspection register			
• Barricading Inspection Register			
• Traffic Inspection Register			
• Mobile Toilet Inspection Register			
• Daily Risk Assessment and Toolbox Talk			
• PPE Inspection Register			

• First Aid kit Inspection Register			
• Fire Fighting Equipment Register			
• Portable electrical Equipment Register			
• Pneumatic Tool Register			
• Compressor Checklist			
• Ladder Inspection Register			
• Vehicle Inspection Register			
• Working at Height Equipment Register			
INCIDENT/ACCIDENT MANAGEMENT			
20. Incident /Accident Management Procedure including reporting, recording and investigation of incidents and accidents			
21. Register of first aid injuries			
22. Register of reportable injuries to the Provincial Director			
OTHERS			
23. Section 37(2) mandatory agreement between client - contractor and contractor - sub contractor. As well as:			
• CR 5.1(k) Principal Contractor appointment			
• CR 7(1)(c)(v) Sub Contractor appointment			
24. Training Matrix (Management, Supervisors and Employees)			
25. Copy of the OHS act and its Regulations, COID Act Regulations			

CONTRACTOR'S COMPLIANCE FILE REVIEW			
Date	Print Full Name	Designation	Signature
Status			
Approved			
Not Approved			
Reasons for not approving.			

- Refer to the comments on this document and provide all the documents marked as (X) under the column "Not Complying".

1. TECHNICAL EVALUATION

- 1.1. All tender evaluations shall be as specified by the TNPA Procurement Department in the Tender Documentation.
1.2. Minimum technical evaluation points required to qualify = 60 points
1.3. The Technical Evaluation of the Tender shall be as per the table below:

Nr	Category	Total Weight	Weight	Requirements	Type of proof/ Detail to be submitted	Model answer
1	Capacity	100				Model answer
1.1.	Crane Operator	50	50	<p>The operator of the crane must have the following training certificates and experience to safely operate the crane.</p> <ol style="list-style-type: none"> 1. Operate a mobile crane (Unit Standard 116254) 2. Operate Heavy duty Crane. (Unit standard 242982) 3. Basic rigging procedures. (Unit Standard no14706) 4. Minimum 3 years working experience of operating mobile crane. 	<ul style="list-style-type: none"> • Training certificates obtained from Accredited Institutions and operator CV 	<p>Necessary experience and qualifications.</p> <p>0- No information provided/ inadequate information provided.</p> <p>20- Meet ONE of the 3 requirements/certificate and 0–2 years relevant experience.</p> <p>40- Meet TWO of the 3 requirements/certificate and more than 2–3 years relevant experience.</p> <p>60- Meet ALL THREE requirements/certificate and more than 3–4 years relevant experience.</p> <p>80- Meet ALL THREE of the 3 requirements/certificate and more than 4–5-years relevant experience.</p> <p>100-Meet ALL THREE of the 3 requirements/certificate and more than 5–6-years relevant experience.</p>

Nr	Category	Total Weight	Weight	Requirements	Type of proof/ Detail to be submitted	Model answer
2.1.	Rigger	50	50	<p>Rigger must have the necessary training and experience to ensure safe operations.</p> <ol style="list-style-type: none"> 1. Qualified rigging artisan with red seal. 2. Minimum 3 years working experience for heavy duty cranes (30tons+) 	<ul style="list-style-type: none"> • Training certificates provided to be obtained from Accredited Institutions and rigger CV 	<p>Necessary experience and qualifications.</p> <p>0- No information provided/ inadequate information provided.</p> <p>20- Qualified Rigger Artisan with 0-2 years of working experience for heavy duty cranes (30tons+).</p> <p>40- Qualified Rigger artisan with red seal, more than 2 - 3 years of working experience for heavy duty cranes (30tons+).</p> <p>60- Qualified Rigger Artisan with red seal with more than 3-4 years of working experience for heavy duty cranes (30tons+).</p> <p>80- Qualified Rigger Artisan with red seal and more than 4-5 years of working experience for heavy duty cranes (30tons+).</p> <p>100- Qualified Rigger Artisan</p>

Nr	Category	Total Weight	Weight	Requirements	Type of proof/ Detail to be submitted	Model answer
						with red seal and more than 5-6 years of working experience for heavy duty cranes (30tons+).
	TOTAL POINTS	100	100			