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# **PORT OF NGQURA: SPECIFICATION FOR REMOVAL OF JET PUMPS, PLATFORMS AND REPAIRS OF PRESSURE VALVES AT SANDBYPASS, TNPA PORT OF NGQURA ONCE -OFF PERIOD**

For: **TNPA, Port of Ngqura**  
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Revision Number: 00  
Revision Date: 2023-10-06

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## 1. WORK BACKGROUND

Service provider is required for the for the removal of jet pump, platforms, and pressure valves in Sand Bypass TNPA Port of Ngqura.

## 2. SPECIFICATION AND SCOPE OF WORKS

### Jet Pump and platform

- Removal of an 8.5m Genflo jet pump and pipe strings and platforms in the Sand Bypass.
- Supplier to provide it's lifting equipment, preferable 25-ton with lifting equipment operator & rigger, auxiliary hook, and other items that may be required to eject the jet pump and platforms.
- The supplier is required to install the jet pump after its maintenance and the service of platforms are completed.
- Remove pump and adhere to all relevant safety and environmental conditions.
- TNPA will conduct maintenance on Jet pumps and platforms.

### CLA-VAL Pressure Reducing Valve (Model: 90-01/690-01)

Service Provider to:

- Strip and inspect valve.
- Replace all defective parts.
- Replace diaphragm.
- Replace all pressure gauges.
- Replace pressure regulator.
- Replace Flow clean strainer.
- Disassemble and reassemble.
- Size: 250mm inlet and outlet
- Coating: Electrostatically applied epoxy resin to DIN 30677 internally and externally (or similar approved).

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## **LESER Pressure Relieve Valve**

Service Provider to:

- Strip and remove.
- Replace all worn components.
- Shot blast valve body.
- Coating: Electrostatically applied epoxy resin to DIN 30677 internally and externally (or similar approved)
- Pressure rating 16 bar
- Type: 441 closed bonnet
- Size: 150mm

### **3. MEASUREMENT AND PAYMENT**

One single payment will be made upon completion of the works to the satisfaction of the Supervisor on site. Payment terms will be 30 days after the receipt of the claim invoice.

### **4. SUPERVISION AND COMPLETION OF WORK**

The service provider shall provide Transnet National Ports Authority with a work schedule indicating details of all tasks to be performed and completion period. The works will not be accepted by Transnet National Ports Authority, Port of Ngqura Supervisor, or any other competent person on site as complete unless all the work and any defects have been completed to the satisfaction of the competent person supervising the work.

Transnet National Ports Authority will provide access to where the location of work is situated.

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## 5. MAINTENANCE GUARANTEE

- 5.1.1. The service provider shall repair defective material and guarantee workmanship in accordance with manufacture's specification.
- 5.1.2. The service provider must provide maintenance packs or service plans on completion of the works.
- 5.1.3. The sole responsibility for ensuring that the components supplied conform to the specification shall rest with the awarded service provider.

## 6. RESPONSIBILITY OF THE SERVICE PROVIDER

The service provider shall supply all necessary materials, labor, tools, plant, PPE, and transport required for the proper completion of the works. A Safety, Health and Environmental (SHE) file must also be submitted to Port of Ngqura. SHEQ department showing the service providers adherence to the OHS Act and all legislative required by Transnet National Port Authority.

## 7. SITE INSPECTION/BRIEFING

Service provider will be given the chance for site inspection whenever required.

## 8. COMPLIANCE AND SPECIAL REQUIREMENTS

- 8.1. All site works shall comply with the provisions of the OHS Act (Act No.85 of 1993) and be subjected to control of the relevant Transnet National Ports Authority Risk official.

### 8.2. SPECIAL REQUIREMENTS:

- 8.2.1. Service provider to be registered with CIDB, preferable 3ME/3EP or higher.
- 8.2.2. Service provider will be required to attend a compulsory site briefing at Port of Ngqura.

### 8.3. SAFETY HEALTH AND ENVIRONMENT (SHE) FILE REQUIREMENTS

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The SHE File is to be always kept on site. The file shall consist amongst other document as SHEQ department may require:

- Valid Letter of Good Standing with The Compensation Insurer
- General Liability Insurance (Summary of Policy)
- Health and Safety Plan
- Section 37(2) Agreement
- Notification of Construction Work
- Method Statement
- Risk Assessment
- Appointments
- Health and Safety Training Records - Induction Records and Toolbox Talks
- Copies of Toolbox Talk Topics. These Talks Should Deal with Risks Relevant to the Construction at Hand
- List of Sub Contractors
- Emergency Contact Numbers
- Checklists/Register
- Emergency Plan
- First Aider and Equipment
- PPE And Clothing, Register
- Signage
- Environmental Management Plan
- Fall Protection Plan (Inclusive of Risk Assessment)

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- Incident Investigation Report
- Medical Examinations (Working at Heights)
- Permits (Work, Confine Space, Excavation, Hi-Voltage)

## 9. DAMAGE TO EXISTING FACILITIES

The service provider must take all necessary precautions to prevent damage to existing facility when performing the works on site and the surroundings.

The service provider shall be liable for all claims out of or incidental to any damage caused by the service provider to the facilities mentioned in item 13.

## 10. GENERAL

No amendment or variation of, or addition to this agreement shall be of any force or effect unless reduced to writing and signed by both parties.

## 11. WORKS INFORMATION

All works shall be done in accordance with the work schedule, and the supplier shall provide guarantees and warrant for work done for a period of 12 month.

## 12. SCHEDULE OF ACTIVITIES

Item No	Description of Services	Unit	Quantity	Rate	Total Value (R)
1	SHE File	Sum	1		
2	Removal and installation of an 8.5m Genflo jet pump and pipe strings	Each	1		
3	Removal and installation of platforms at sand bypass port of Ngqura	Each	3		
4	Supply lifting equipment suitable for the 8ton jet pump with auxiliary hook, lifting equipment operator & rigger for the works.	Each	1		

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5.	CLA-VAL Pressure Reducing Valve (Model: 90-01/690-01 -See Section 2	Each	1		
6.	LESER Pressure Relieve Valve-See Section 2	Each	1		
7.	Commissioning and handover	Sum	1		
<b>Sub Total</b>					
<b>15% VAT</b>					
<b>Total Price</b>					

### 13. Signatures

Spelele Gelem  
**Compiled**

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Signature

\_\_\_\_\_  
Date

Ayanda Dlula  
**Technical Manager**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Luxolo Dodi  
**DP Engineer**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

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