

# **SCOPE OF WORK**

## **Removal of STS Impsa Crane 4 wreckage**

Kindly note that by taking part in the auction you give consent and agree to adhere to the following:

### **Background:**

At the Port of Port Elizabeth Container Terminal, an incident occurred where STS Impsa Crane 4 collapsed on the quayside. The scope of work is for the safe removal of the structure and its components.

#### **1. Requirements of work to be conducted and documents to be submitted by the highest bidder:**

- 1.1. Registered structure engineer to inspect and identify all stress points on structure.
- 1.2. Registered structure engineer to compile and sign a comprehensive method statement, risk assessment and rigging plan to safely dismantle the structure.
- 1.3. The Structural Engineer will also oversee the dismantling of the wreckage to ensure work is conducted in accordance to his method statement.
- 1.4. A comprehensive rigging plan to be drafted by a suitably qualified Rigger, rigging plan to be co-signed by Professional Structural Engineer
- 1.5. The Method statement and Rigging plan to be presented to the Seller for approval prior to start of work.
- 1.6. Purchaser to submit to the Seller, prior to start of work, a detailed project plan with hold point for the Structural Engineer.
- 1.7. Construct temporary fenced off area for all material to store. The Seller will designate an area within the Container Terminal stacking area.
- 1.8. Wreckage site area to be cleaned, from any oil, chemicals.

#### **NOTE:**

- 1.9. Purchaser to make provision for containing all falling objects, ocean environmental pollution, environmental pollution to storm water.
- 1.10. Area should be barricaded during the execution of the work.
- 1.11. All the necessary equipment required for the execution of this work should be provided for by the Purchaser.
- 1.12. The Purchaser will be responsible/liable for any damages resulting from workmanship error when performing the tasks as per scope.
- 1.13. The lead time will be discussed on the site meeting.
- 1.14. TPT has rights to remove any electrical, mechanical components that is undamaged from wreckage. (VSD, wireless system, PLC, slip rings, motors, gearboxes Etc.)
- 1.15. Purchaser to supply electricity and water on site.

#### **2. Returnable documents (the Purchaser to provide the following documents on submission of their participation form)**

- 2.1. Confirmation that the Purchaser commits to appoint a Professional Registered Structural Engineer to compile the Method statement.
- 2.2. Confirmation that Purchaser will appoint a qualified Rigger to compile the needed rigging plan.
- 2.3. Submit a high level project plan indicating the main mile stones with a duration for each.
- 2.4. Provided an estimate on the full duration of the project from time of appointment.
- 2.5. The exact sequence and method of removal of wreckage structure. (High level process flow from the instance material is re method statement). The bidder must submit the project plan and project management methodology (Project initiation, project plan, project execution, and project monitoring and control)"

- 2.6. Expected Lead time and duration of work to be carried out on the removal of wreckage structure on a signed and stamped company letter head.
- 2.7. Public Liability insurance amount on cover letter.

**3. The Seller will provide the following:**

- 3.1. Temporary access to TPT
- 3.2. Access to ablution facilities

**4. Purchaser Requirements**

- 4.1. TPT personnel, examiner and Purchaser must be present for final approval and inspection.
- 4.2. Purchaser to supply all equipment required to complete the scope (slings, tools etc.)

**5. General Requirements**

- 5.1. The Purchaser must submit a SHE file for approval by the TPT SHEQ department before any work commences. The Purchaser must ensure safe working practices during work on site.
- 5.2. Transnet Port Terminals cannot be held responsible for any injury that occurs on site.
- 5.3. The Purchaser is responsible for site establishment.
- 5.4. The Purchaser shall supply all necessary tools, equipment and consumables.
- 5.5. All electrical tools shall be safety checked and certified on a regular basis.
- 5.6. All scaffolding shall be erected by qualified, certified, erectors and certified.
- 5.7. Purchaser shall practice "good housekeeping" and leave the site clean and tidy.
- 5.8. All provisions and regulations of the Factory act shall be adhered to.

**6. Health and safety requirements**

- 6.1. All equipment and installation whether detailed in this document or not, Shall comply with the requirements of the Occupational Health and Safety Act 85 of 1993 as amended by applicable local authorities. All equipment shall be designed to fail to safety. Sudden power losses must not have an adverse effect on equipment and shall not unduly delay return to operation after power is restored.
- 6.2. At all times during the execution of the task, the Purchaser will be responsible for the safety of all authorised persons on site and the equipment.

**SHERQ TPT-PE SHE FILE SITE REQUIREMENTS**

**NOTE: THE PURCHASER SHOULD ONLY FOCUS ON AREAS ON THE SHEQ FILE THAT ARE RELATING TO THE WORK THAT WILL AT HAND.**

1. Letter of Good Standing (Workman's Compensation)
2. Notification of construction work
3. Mandatory Agreement-Section 37 (2)- **Fill and sign TPT template**
4. Project Specific Method Statement
5. Project Specific Risk Assessments
6. Project Specific Legal Appointments
7. Project Specific Safety Management Plan

8. Project Specific Environmental Management Plan
9. Project Specific Quality Plan
10. Post Project Site Clean-up Plan
11. Onsite emergency plan and evacuation procedure
12. Project Specific Written Safe Work Procedures
13. Project Specific Certificates of Competencies for project personnel e.g. Riggers, Hot work personnel, SHE Officer, Site Supervisor etc.
14. Lock Out Procedures
15. Hazardous Substance Control Procedure
16. Project Specific Medical Fitness Certificates from an Occupational Health Practitioner
17. Project Personnel ID Documents
18. Proof of Equipment Inspection Records e.g. hot work Equipment, Cranes etc.
19. Public Liability Insurance Covering Letter

Compiled by:

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Supported by:

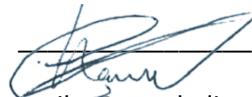


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Date: 24.05.2019

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