



DURBAN POINT MPT

Document Title:

SCOPE OF WORK

Project Title:

Manufacturing Procedure of 8 Men Cage at Durban Roro Port (MPT)

REVISION 01:

1. INTRODUCTION

The TPT MPT DBN business has a lifting cage that is used to carry personnel, transporting them to and from a high- or low-level work situation while also assisting the workers to carry their tools and materials to high work locations. This is an essential equipment provided that the machines the artisans work on are at an elevation, hence this comes in very handy. The current condition of the lifting cage is poor, hence TPT is looking for a supplier to manufacture two if these for them.

2.EMPLOYER OBJECTIVE

The employer’s objective for this project is to manufacture **2 (TWO)** 8-man lifting cages. The contractor is also expected to write a full report with recommendations and maintenance schedule for the cage.

3.THE SCOPE OF WORK FOR THE MANUFACTURING OF 8-MAN LIFTING CAGE MECHANICAL WORK TO BE DONE

The contractor should manufacture, supply spares as per the scope below, test and commission the cage as per the detailed scope of work below and according to the specification of the employer.

3.1 WORK TO BE DONE

- Manufacture the 8-man cage as per the specifications of the sample drawings.
- TPT will provide sample drawings.
- A supplier is required to construct a drawing that is approved by the professional engineer.
- A supplier is required to deliver a safety cage together with the drawing that is approved by the professional engineer.
- A supplier must ensure that the safety cage complies with departments of labour standard and requirements that are applicable to safety cage.
- Provide a certificate from department of labour fo the safety cage.
- Carry out NDT/Magnetic particle inspection and provide certificate on all welding
- Floor with tread plate.
- Install safety board (Hard hat, Goggles, Overalls, Safety shoes/boots and gloves).
- Galvanize, prime and paint white (marine specification paint).

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4. Employer Specifications, Requirements, and tests to be done

- Coded boiler Maker with certificate provided is required to do this task
- NDT/Magnetic particle inspection certificate to be provided
- Load test certificate to be provided
- Photographs if required
 - **Measurements:**
 - Height: 2290mm
 - End elevation: 2440mm
 - Side elevation: 6057mm
 - Top elevation: 2260mm

5. Testing and Commissioning

The contractor to test and commission the cage at Transnet Port Terminal (Roro) premises, according to the employer specifications. The cage must fit Bromma spreader, Sany reach stacker, Liebherr reach stacker and Kalmar reach stacker.

6. Access Permits

Site meeting:

For the site meeting, all suppliers are required to bring with them the following to apply for the required permit:

- Hardcopy of the RFQ.
- Proof of identification for all employees attending:
- Letter from the relevant company stating the names and surnames of the employees requesting access and reason for access.
- Minimum PPE: Safety vest, hard hat, and safety shoes.
- Suppliers are advised to bring any/all required measuring tools for proper pricing.

List of spares

- Steel plates
- Paint
- Reflective tapes
- Steel rod
- Mesh wire

NB: Spares are not limited to the list provided above

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