

BUSINESS BACKGROUND

Transnet Pier 1 Container Terminal in the Port of Durban is the division of South Africa's state-owned freight transport and handling company by Transnet SOC Limited. It contributes to handling sea-route containerized freight, including imports, exports and transshipments.

In addition to its core logistics operations, TPT promotes employee wellness through facilities such as a gym center at Bhukulwandle facility. The gym enhances employee well-being by reducing stress, improving mental health, and boosting energy levels, resulting in a more focused, motivated, and resilient workforce.

1. PROJECT OVERVIEW

The gym facility is equipped with a variety of strength, functional training and cardio machines including Benches. They are designed to support a full range of workouts.

Continuous use of gym equipment leads to several forms of wear and tear into mechanical parts like bearings, belts, pulleys, and joints that can compromise performance and safety. screens, sensors, and buttons may malfunction due to overuse, sweat, or cleaning chemicals. Vibration during operation can loosen fasteners and cause frame fatigue or stress cracks.

These issues not only reduce equipment lifespan but also increase injury risks. To prevent such damage, regular maintenance, including lubrication, cleaning, inspections, and machine rotation is crucial.

2. PROJECT OBJECTIVE

This project aims to minimize risks associated with malfunctioning gym machines and uphold manufacturer warranties. Therefore, the regular servicing and maintenance of gym equipment are essential to ensure user safety, maintain optimal performance, and prolong equipment lifespan.

Collectively, these efforts contribute to a safe, clean, and professionally managed gym environment that prioritizes client satisfaction and operational excellence.

The project aims to service and maintain the optimal performance of all gym equipment's, ensuring that they are functioning as intended and providing good user experience.

3. SCOPE OF WORK

NOTE: The approved contractor shall perform the job according to the scope of work provided. Any deviations from the scope must be discussed and approved by the project leader before work can commence.

The work shall be done as per the scope of work, specifications and general contract conditions. The Contractor shall provide all labor, material tools, equipment, supervision services, and other related items required to complete the project as per the scope of work and specifications.

Any work performed by the contractor is subject to inspection by Transnet, and any incompetent practices will be disapproved.

The scope of work shall include the following but is not limited to:

4. DETAILED REQUIREMENTS

Fixing of broken gym machines

Diagnose and fix the broken gym machines & material mentioned below:

1. TECHNOGYM - PLURIMA MULTISTATION WALL
2. TECHNOGYM - EXCITE RUNTREADMILL
3. CABLE REPLACEMENT
4. FLOORING

Maintenance

- Preventative maintenance will involve a comprehensive inspection of mechanical and electrical components, identifying any signs of wear, misalignment, or performance issues. Visual checks will be carried out on all machines to detect potential faults. Cleaning will include thorough wiping and dust removal from frames, seats, handles, motor compartments, and ventilation areas using appropriate agents and tools.
- Lubrication will be applied to all moving parts, including treadmill belts and decks, using manufacturer-recommended products. All bolts, screws, and fasteners will be checked and tightened, and any misaligned parts adjusted. Electrical systems will be tested for proper power supply, cable integrity, and functionality of consoles and motors. Safety mechanisms, such as emergency stop keys and handrails, will be inspected to ensure proper operation and stability.
- Performance testing will be done on treadmills at various speeds and inclines to verify smooth function, shock absorption, and absence of unusual sounds or vibrations. Upon completion of the service, a detailed report will be provided, indicating maintenance activities performed, any issues found, and recommendations for repairs or upgrades.

Maintenance will be executed on this list equipment.

- ❖ 1× TECHNOGYM - EXCITE RECLINE
- ❖ 2× TECHNOGYM - EXCITE BIKE
- ❖ 1× TECHNOGYM - PLURIMA MULTISTATION WALL
- ❖ 1× TECHNOGYM - MULTIPower
- ❖ 1× TECHNOGYM - HORIZONTAL BENCH
- ❖ 1× TECHNOGYM - CABLE STATION EROLINA
- ❖ 1× TECHNOGYM - CABLE CROSSOVER
- ❖ 2× TECHNOGYM - ADJUSTABLE BENCH

- ❖ 1× TECHNOGYM - LOWER BACK BENCH
- ❖ 1× TECHNOGYM - CRUNCH BENCH

The aim of the service is to ensure all machines remain fully operational, safe, and in excellent condition for users.

Service reports: provide a detailed service report, including a list of work performed, parts replaced, and any recommendation for future maintenance.

5. SPECIFIC REQUIREMENTS:

A compulsory site meeting will be held at the Pier 1 Technical Workshop. All other pertinent certificates and documentation must be provided.

Ensure that all work is carried out in a manner that minimizes disruption.

Transnet will not provide any tools, equipment, or materials required for the execution of the work. The contractor shall be fully responsible for supplying all necessary resources to complete the paintings.

The contractor shall be responsible for repairing any damages caused during the execution of the work. Transnet shall not be held liable for any such damages.

6. SAFETY MEASURES

Ensure workers use appropriate personal protective equipment (PPE) on site.

○ OCCUPATIONAL HEALTHY AND SAFETY ACT 85 OF 1993 (OHS)

The contractor acknowledges that all work performed under this contract will comply with the occupational health and safety act (OHSA) and relevant regulations. It is the responsibility of the service provider to ensure that all work is performed in a safe and healthy manner and will report any incidents or hazards to the clients promptly. The client and the service provider will work together to ensure compliance with OHS requirements, including those related to lockout/tagout, fall protection, and electrical safety.

9. SITE ACCESS:

Access to Pier 1 Container Terminal in the Port of Durban will be subject to TPT security requirements and regulations. Contractors using their own vehicles to enter the terminal must always wear PPE and provide their own revolving light for their vehicles. Note: Contractor vehicles must be branded