



PART C3: SCOPE OF WORK

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TENDER NUMBER: TCC/2024/02/0005/55969/RFQ

DESCRIPTION OF WORKS: THE REMOVAL OF OLD AIRCONDITION UNITS, SUPPLY AND INSTALLATION OF NEW AIR CONDITIONERS, ELECTRICAL WORK INCLUDED.

C3.1 EMPLOYER'S WORKS INFORMATION

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SECTION 1

1 Description of the works

1.1 Executive overview

Transnet Academy, Faculty of Engineering & Pipelines is an accredited Skills Development Provider (SDP). The Centre offers training in the following trades: Electrician, Armature Winder, Electrical Fitter and Diesel Electrical Fitters. The apprenticeship training is practical intensive, and the learners must acquire basic hand tool skills to be declare competent and proceed to next phase.

1.2 Employer's objectives

It is imperative for the occupants to be accommodated in a hygienic environment and in Classrooms and offices that are safe from hazards.

Transnet Academy (TA) Facilities Management Team will manage the project from inception to completion with the assistance of TA Supply Chain Management Team.

OBJECTIVE

This specification covers all the requirements that will be needed to inform the service provider to carry out what is expected from them. The contract will be awarded as a turnkey project and the contractor will be responsible for all the work specified.

This specification states the minimum requirements relating to the work and in no way absolves the service provider from responsibility for sound engineering practice. Any omissions or sub-standard requirements of this specification must be brought to the attention of Transnet Academy – Facilities Manager (TA – FM) at tender stage and optional prices for addressing such omissions must be provided.

The service provider shall supply all the labour, tools, material, equipment, consumables, facilities, testing and supervision required for this project.



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SCOPE OF WORKS

The scope of works entails the removal of old aircondition units, Supply and installation of new Air Conditioners, Electrical work include (fixing plugs and provision of COC) . The site is located at Parkhill Campus, Germiston.

2.1 Faculty of Rail, Engineering and Pipelines (PARKHILL)

Parkhill Campus

1 Sommerville Ave

Klippoortjie AH

Germiston

Removal of old Aircon units, Supply and installation of new ones

Electrical work (fixing plugs, and provision of COC)

TECHNICAL REQUIREMENTS:

All equipment and installation whether detailed in this specification or not shall comply with the requirements of the Occupational Health and Safety Act 85 of 1993 as amended. Sudden power losses will not have an adverse effect on equipment and shall not unduly delay return to operation after power is restored.

INSTALLATION AND COMMISSIONING:

The contractor shall be fully responsible for any damage caused to all supplied equipment and to Transnet Academy's assets during the installation, testing and commissioning.

The supplier shall conduct a risk assessment as to identify anything that might hinder the installation of the new equipment and bring it to TA FM's attention.

The contractor shall provide and handover all manuals and remote-control devices (with batteries) to TA FM after installation and commissioning.

GUARANTEE:



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The contractor shall guarantee for a period of 12 months minimum (preferably 24 months or more) after successful commissioning, free from any defects in design, workmanship and material, and are in accordance with the Contract, unless otherwise agreed in writing.

The Contractor shall agree to replace at his cost any defective items discovered within the guaranteed period.