



SoW

Camden Power Station

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1. Introduction

Human Resources Department currently has no office space and is temporarily sharing office space with other departments. The department is expected to expand in the near future. From a recent site assessment, it was established that there are no offices to accommodate any new employees. The only option left is to procure mobile office space to accommodate the department.

2. Supporting Clauses

National Building Regulations Standards Act, 1977 (Act No. 103 of 1977).

2.1 Scope

2.1.1 Purpose

The purpose of this scope of work is to define the requirements and the specification for the supply and construction of Human Resources parkhome Offices at Camden Power Station.

2.1.2 Applicability

This document shall be applicable at Camden Power station.

2.1.3 Effective date

This document will be effective after it has been signed for Authorisation.

2.2 Normative/Informative References

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

2.2.1 Normative

- [1] ISO 9001: Quality Management Systems
- [2] ISO 14001: Environmental Management Systems
- [3] OHS ACT: Safety Regulations
- [4] Valid National Home Builders Registration Council Certificate 1-150497411 (NHBRC).

2.2.2 Informative

- [5] 240-144332407: Standard for Eskom Power Stations Concrete Remedial Work
- [6] SANS 10400: The application of the National Building Regulations

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2.3 Definitions

None

2.4 Abbreviations

Abbreviation	Explanation
CPS	Camden Power Station
ISO	International Organization for Standardization
OHSACT	Occupational Health and Safety Act
SANS	South African National Standards

2.5 Roles and Responsibilities

- **Auxiliary Engineering Department** — Development and issuing of scope of work.
- **Auxiliary Engineering Department** — Scope management and supervision of daily activities during execution.
- **Safety and Environmental Department** — Supervision of activities to ensure adherence to safety and environmental compliance.
- **Contractor** - Scope of Work Execution.

2.6 Process for Monitoring

All activities shall be done and be checked as per the Quality Control plan/s to be developed by the Contractor and be accepted by the Client for the specific activities.

2.7 Related/Supporting Documents

None

3. Scope of Work

3.1.1 Site description

Camden is located approximately 15km from Ermelo, Mpumalanga, along the N2 road. The location of the site for the parkhome offices is inside the station next to the New Administration Building.

3.1.2 Specification for the work to be executed.

All construction works to be carried out on site during the construction of the bundwall should be in accordance with SANS 1200G

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Basic Parkhome Dimensions

- 27.870m Long
- 9.30m Wide
- 2.6m High

Floorplan Layout (Refer to appendix A)

- Kitchen – 2.5m x3.5m
- Separate Ladies and Gentlemen toilets
- 8 X Offices with lockable door- 4.015m x 3.96m
- 2 X Offices with lockable door – 3.31m x 3.5m
- 1X Storeroom – 2.20m x 3.5m
- 1 Boardroom – 6.660m x 3.5m
- 1x open space offices – 9.5m x 3.5m that can cater 6 people
- Air conditioners fitted to all offices

Structure

Full-length, full-width structurally welded steel chassis. The complete assembly is sandblasted and coated with red oxide primer. For added protection, the chassis shall be coated with a waterproof compound.

Sidewall construction

The standard exterior and interior finish is 0,5 mm Chromadek, which is a galvanised, prepainted (frost-white) finish. The perimeter and internal walls are fully insulated with 40 mm thick high-density foam. Chromadek sheeting with a decorative woodlike finish to be used for internal wall finishes.

Plumbing

- Copper, stainless steel, or Polycop piping is used for water supply, and PVC fittings for sewerage and wastewater.
- ISO 9001 and SABS SANS 151 Approved
- Geysers (hot water heaters)
- Piping 15mm and or 22mm diameter
- Capacities are indicated on the floor plans

Toilets

White porcelain, Hand wash basin included.

Wiring & Distribution Boards

- Units are wired for connecting to 220V supply, in accordance with SANS 10142-1, and are fitted with earth leakage protection and distribution board. Lights, plugs, geyser and interior electrical fittings are installed as shown on the design layout diagrams. The installation shall

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comply with the requirements of SANS 10142-1.

- Distribution boards are 1x20 Way and/or 3 x 15 Way Surface Din Distribution Boards (Where applicable)
- Light fittings
- Ceiling mounted 4 ft single or double open channel V-Shape 1.2 meter LED lights
- Plug sockets
- Light Switches, Isolators & Circuit Breakers
- A certificate of compliance (CoC) accompanied by a test report done in accordance with SANS 10142-1 and issued by a suitably qualified and registered master installation electrician must be produced before the installation is accepted.

Lighting/Illumination

The lighting should be compliant with SANS 10114-1 and 10114-2. The minimum illuminance of the chosen luminaires should be 500 lx (General Office Workstation) as measured from the working plane of 0.75 m desk level.

Floor construction

Treated timber floorboards, at least 18 mm thick, are glued and screwed to cross-members and covered in 2 mm industrial vinyl welded at joints. Covering with vinyl sheeting.

Doors

- External & Internal lockable
- Standard size
- Anodised aluminium rebated door frame including rubber buffers and heavy duty
- Aluminium or steel hinges

Windows

- All window frames are aluminium, top-hung and fitted with 4 mm thick glass.
- Blinds included

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Roof & ceiling construction

The roof is a pitched roof construction consisting of the following: Roof exterior is galvanized sheeting, including gutters and down pipes.

Ceiling insulation is 40 mm thick high-density foam sandwiched between 0,5 mm white chromadek sheeting. Ceiling finish is 0,5 mm white chromadek ceiling.

Transport & handling

Parkhome to be transported, placed in position and levelled by the supplier at Camden Power Station.

4. Acceptance

This document has been accepted by

Name and Surname	Designation
Skhumbuzo Nkosi	Common Plant Civil Engineer
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5. Revisions

Date	Rev.	Compiler	Remarks
February 2025	01	N. Shozi	Original SoW

6. Development Team

The following people were involved in the development of this document:

N/A

7. Acknowledgements

N/A

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