



SCOPE OF WORK

PROJECT: Supply and deliver Park Homes at the Port of Mossel Bay

LOCATION: Port of Mossel Bay



1. LOCALITY

The Port of Mossel Bay is one of eight commercial ports of Transnet National Ports Authority (TNPA) ("the Employer") located in the Western Cape Province. The Port is surrounded by the town of Mossel Bay, and it is centrally located between the city of Cape Town and Gqeberha. Figure 1 below reflects the aerial view of the Port of Mossel Bay (34° 11' 00'' S; 22° 08' 00'' E).

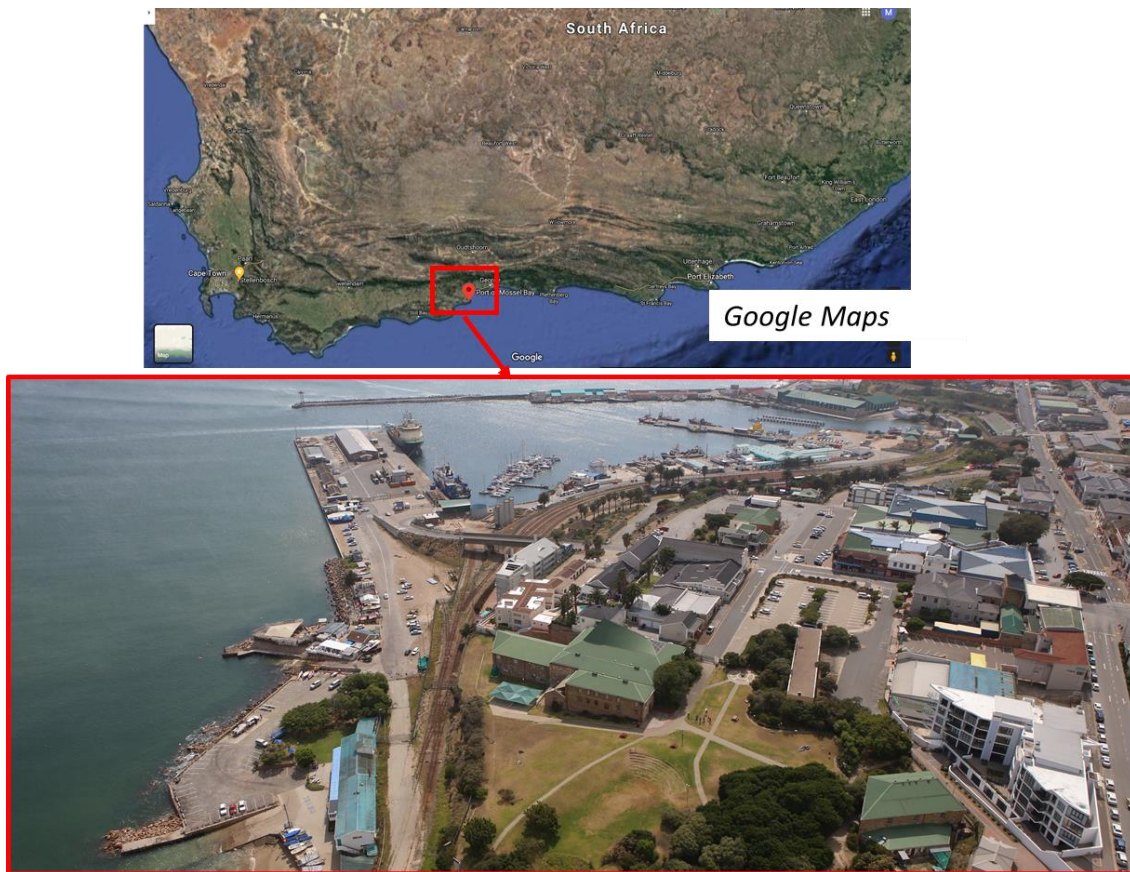


Figure 1: Aerial view of port of Mossel Bay

2. EMPLOYER'S OBJECTIVES

The purpose of supplying the Port of Mossel Bay with Park Homes is to provide interim facilities for staff in the port.

3. OVERVIEW OF THE REQUIRED SUPPLIES

The supplies consist of two (2) Park Homes, for shower facility and bunk beds. The shower facility will be fit in between existing Park Homes on site to create seamless access **(Refer to the attached General Layout)**.

4. EXTENT OF THE SUPPLIES

The supplier shall provide the Park Homes in the specification provided by the Employer **(Refer to the attached Park Home Specification)**.

3. APPLICABLE STANDARDS

The relevant South African National Standards (SANS) shall be applicable.

4. DELIVERY

The Park Homes will be delivered in the Port of Mossel Bay at a designated site. The Supplier shall carry all the responsibilities related to manufacture, deliver, offloading/loading, hoisting, handling, et cetera, of the Park Homes.

5. QUALITY & INSPECTIONS

The Supplier shall provide samples, where practicable, of finished products to be supplied, or allow the Employer's representative an opportunity to inspect such products / supplies before they can be purchased or upon being manufactured by the Supplier in accordance with the Employer's specifications. Supplies which do not comply to requirements of the Employer, as stated and made part of the contract, may be rejected.

The required supplies may on or after delivery be inspected and may be rejected if found not to comply with requirements of the Employer. Such rejected supplies shall be held at the cost and

risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the Employer.

Failing such removal, the rejected supplies shall be returned at the suppliers cost and risk. Should the Supplier fail to provide the substitute supplies forthwith, the Employer may, without giving the Supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the Supplier.

6. WARRANTY

The supplier warrants that the goods supplied are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise by the Employer. The Supplier further warrants that all goods supplied shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is stated in the Employer's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination (Port of Mossel Bay), or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise.

Upon receipt of defect notice from the Employer, within the warranty period, the Supplier shall, with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the Employer.

7. PLANT, EQUIPMENT, SUPERVISION, ETC.

The Supplier shall provide, where necessary and be responsible for the following at own cost and risk:

- Performance or supervision of on-site assembly and/or commissioning of the supplied goods;

- furnishing of tools required for assembly and/or maintenance of the supplied goods;
- furnishing of a detailed operation- and maintenance manuals and warranty documents for each appropriate unit of the supplied goods;
- performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this contract; and

5 FURTHER CONSIDERATION

5.1 Working hours

Normal working hours at the Port of Mossel Bay are from 08:00 to 16:30, Monday to Friday, inclusive. Transnet National Ports Authority has a strict Health and Safety policy in place. No person(s) may enter the site and undertake work on the site until undergoing the mandatory induction. The induction will be arranged by the Port personnel at no cost to the Supplier. Prior arrangement to attend induction must be made by the Supplier with Employer's representative.

5.2 Health and safety requirements

Relevant parts and clauses of Occupational Health and Safety Act (Act 85 of 1993), as amended; Disaster Management Act (No. 57 of 2002); Lock Down Regulations, as amended. See Annexure detailing required SHE documents.

6 PERMITS

There is a permit-card access system to enter the Port Area. The Port Staff will make arrangement of the required access permits and issue them to the Supplier free of charge. Should any person lose his/her access permit, that must be replaced at a cost of R 467.64 per person, cost to be incurred by the Service Provider. This must also apply if permits are not returned at the end of the project completion.

7 TENDER VALIDITY PERIOD

The Bidder's validity period must clearly be stated on the tender. The validity period should preferably not be less than three months. This validity period must be applicable to sub-contractors.

8 PAYMENTS

Payment will be made only for work satisfactorily completed according to Schedule of Requirements and in terms of the contract.

9 SCHEDULE OF REQUIREMENTS

TNPA reserves the right to reduce the Scope of Work if required by budget or any other constraints. **The Bidder must complete the Schedule of Requirements using black ink; a Schedule of Requirements which has been re-typed will not be accepted by the Employer.** The Bidder's details must clearly be stated on the in the Schedule of Requirements.

10 ANNEXURES

The following is annexed to the Scope of Work:

- Schedule of Requirements.
- Specification for Park Homes
- General Layout
- SHE requirements

SECTION A

PARK HOMES

TABLE OF CONTENTS

	PAGE NO.
SA1 SCOPE OF WORK	2
SA2 INTERPRETATION.....	2
SA2.1 Supporting Specifications	2
SA3 PARK HOMES	2
SA3.1 Materials.....	2
SA3.2 Male and Female Ablution Facilities	3
SA3.3 Bunker Rooms	5

SA1 SCOPE OF WORK

This part covers specification for Park Homes, including fixtures.

SA2 INTERPRETATION

SA2.1 Supporting Specifications

This specification shall be read in conjunction with relevant SANS specifications and standards.

SA3 PARK HOMES

SA3.1 Materials

Locks:

Mortice commercial lock for complete with levers and furniture

Galvanised lock case

Zinc latch and deadbolts

Chromium-plated handles

Supplied with cylinder and two keys

Sanitary Fittings:

Glazed ceramic, acrylic and porcelain enamelled sanitary fittings and component parts shall be white. Accessories for sanitary fittings shall be chromium plated brass.

Waste outlets for baths, basins, etc shall comprise chromium plated brass waste union with grating, rubber washers and locknut, fitted with rubber or vulcanite plug on a chromium plated brass chain and stay

Aluminium Windows:

Natural anodised 25 micron aluminium frame;

Top hung window sash hung on stainless steel friction stays fitted with 4mm clear float glass for all windows except in toilets and ablutions where obscure float glass shall be used.

Floors:

Welded Chassis, floor frames and outriggers manufactured from hot-dipped galvanised steel.

Floor Board

Shutter Board treated with CTX 108.

Internal and External Walls

Walls shall be supported by base and top rails

Galvanised sheeting fixed to wall panel with aluminium rivets.

Wall Panels to comprise two rigidised pre-painted galvanized (chromadek) sheets;

Each blank panel to be injected with high density polyurethane covered with a temporary protective film.

Roof and Ceiling

0.5mm IBR AZ150 hot dipped pre-painted 20 micron galvanized steel roof sheet.

Minimum floor to ceiling height of 2.400mm high.

Ceiling panels same as wall panels.

Doors : External & Internal

Standard size of 2032mm x 813mm; same material as wall panel.

Pre-painted galvanised drip rail to doors opening outwards.

Natural anodised aluminium rebated door frame including rubber buffers and heavy duty aluminium hinges.

Each door frame to have 0.5mm pre-painted galvanised capping riveted to door panel.

SA3.2 Male and Female Ablution Facilities

Supply, handle, manoeuvre and place 6 x 3m Park Home which shall be partitioned in half to allow two independent and separate rooms for male and female.

Plumbing Fixture Schedule:

- x1 electric geyser 250 litre complete with plumbing
- x2 showers for female complete with plumbing, curtain and partition
- x3 shower for male complete with plumbing, curtain and partition
- x2 wash-hand basin porcelain pedestal complete with plumbing (hot and cold water)
- x1 urinal porcelain complete with plumbing

Electrical Fixtures:

- x1 distribution board 6 way
- x1 electric geyser isolator
- x4 Flat bowl JD90 internal lights
- x2 Weatherproof switch light

Windows:

Alluminium windows

x4 top hung; 4mm obscure glass; 600mm x 600mm; conveniently positioned for optimum ventilation.

Generic Model Schedule:

- x2 tier complete with single handrail
- x4 small tripod jacks

Door:

- x2 complete single doors
- x1 single door opening excluding panel (located one third from back of shell - female section)
- x1 single door opening excluding panel (located one third from front of shell - male section)

Floor:

Rhino lining.

Sanitary Items:

- x2 wall mounted soap dispensers
- x2 wall mirrors (above wash basin level)
- x2 paper towel equipment

Rainwater Goods:

PVC gutters and downpipes complete with fixings, bends, shoes, etc.

General:

The Park Homes shall be supplied ready with outlet connection points to commission services (water, sewer, storm water and electricity, etc.).

The Park Home shall have one opening on both sides of 3m width to allow for a continuous formation and seamless access to/from existing Park Home and to/from new Park Home.

Signage to indicate male and female toilets.

Sufficient fire extinguishers shall be provided with signage.

SA3.3 Bunker Rooms

Supply, handle, manoeuvre and place 9 x 3m custom made Park Home for use as bunker rooms for both male and female.

Each room shall have its own lockable door, and own front window.

One air conditioner per room.

lighting and power included.

Electrical Fixtures:

- x1 distribution board 6 way
- x4 Flat bowl JD90 internal lights
- x2 witch light
- x4 power points

Windows:

x4 top hung; 4mm clear glass; 1000mm x 1000mm; front and back of shell.

Complete with Venetian blinds, 25mm slats, silver.

Generic Model Schedule:

x2 tier complete with single handrail

x6 small tripod jacks

Door:

x2 complete single doors.

Floor:

Rhino lining.

Rainwater Goods:

PVC gutters and downpipes complete with fixings, bends, shoes, etc.

General:

The Park Homes shall be supplied ready with outlet connection points to commission services (water, sewer, storm water and electricity, etc).

Sufficient fire extinguishers shall be provided with signage.

SECTION B

CUPBOARDS

TABLE OF CONTENTS

	PAGE NO.
SB1 SCOPE OF WORK	2
SB2 CUPBOARDS	2
SB3 FITTINGS, HANDLES, FASTENERS, CATCHES, CLIPS, AND WASHERS	2
SB4 WORK TOPS AND SINKS	3
SB5 DOORS	3

SB1 SCOPE OF WORK

This part of specification covers Client requirements for kitchen cupboards manufactured and tested in accordance with SANS 1385.

SB2 CUPBOARDS

Material shall be particle board finished with Vancouver Maple Melamine.

Dimensions shall be read as in this order: Height x Depth x Length.

915mm x 500mm x 1067mm sink unit cupboard, double door, spring loaded hinges.

1905mm x 525mm x 915mm combination unit cupboard; double door top; drawers and single door bottom; spring loaded hinges.

2100mm x 525mm x 500mm floor mounted tall unit cupboard for groceries, single door, spring loaded hinges.

SB3 FITTINGS, HANDLES, FASTENERS, CATCHES, CLIPS, AND WASHERS

All fittings, handles, fasteners, catches, clips, and washers shall, unless of other material that is intrinsically corrosion-resistant, be of mild steel having an electrodeposited finish of chromium.

SB4 WORK TOPS AND SINKS

Sinks shall be of stainless steel and shall be of the left bowl type, shall have one bowl, and shall comply with the relevant requirements of SANS 242.

Work tops shall be of composite material and finished with durable and water-resistant lamin-veered surface resembling granite by look and finish.

SB5 DOORS

Composite board doors shall be of a single piece of lamin-veneered board.

