



ZAMBEZI RIVER AUTHORITY

ZAMBEZI VALLEY DEVELOPMENT FUND

SCOPE OF WORKS

MATUWA MINI HOSPITAL PROJECT

1.0 Project Introduction

The Zambezi River Authority (ZRA) through the Zambezi Valley Development Fund intends to undertake the construction of Matuwa Mini Hospital in Siavonga District Southern Province. The work involves the construction and completion of a mini hospital facility together with all associated civil, structural, plumbing, electrical, mechanical installations, and external infrastructure works necessary to deliver a fully functional healthcare facility.

The works shall include site preparation, construction of the hospital structure, installation of utility systems, internal and external finishes, and associated external works in accordance with the approved drawings, specifications, and Bills of Quantities (BoQ).

2.0 Scope of Works

2.1 Site Preparation and Earthworks

The contractor shall undertake all preliminary and earthworks necessary for the commencement of construction works. The scope shall include:

- Site clearing and preparation.
- Stripping of topsoil and disposal of unsuitable material.
- Excavation of trenches for foundations.
- Excavation in hard material where necessary.
- Levelling and compaction of excavation bottoms.
- Backfilling and compaction around foundations.
- Anti-termite treatment to excavated areas and hardcore surfaces.
- Dewatering and keeping excavations free from water during construction.

2.2 Substructure Works

The substructure works shall include the construction of all foundation and ground floor structural elements necessary to support the hospital structure. These works shall include:

- Mass concrete and reinforced concrete foundations.
- Foundation wall construction.
- Hardcore filling and compaction.
- Damp proof membrane installation.
- Reinforced concrete floor slabs.
- Ground beams and associated concrete works.

2.3 Superstructure Works

The contractor shall construct the hospital superstructure comprising structural and non-structural building elements above ground level. The works shall include:

- Reinforced concrete beams, lintels, and slabs.
- Blockwork and brickwork wall construction.
- Structural steel framing works.
- Installation of reinforced concrete structural elements.

2.4 Roofing Works

Roofing works shall include the supply and installation of all roof structural and covering materials required for the hospital building. The works shall include:

- Steel trusses and associated fabrication works.
- Roof covering installation.
- Fascia boards, gutters, and rainwater downpipes.
- Roof waterproofing and flashing work

2.5 Carpentry, Joinery and Ironmongery Works

The contractor shall undertake all carpentry, and joinery works associated with the building. The scope shall include:

- Installation of timber doors and frames.
- Installation of internal and external joinery fittings.
- Ceiling framework installation.
- Supply and fixing of locks, handles, hinges, and other ironmongery fittings.
- Cabinetry and fitted furniture where specified.

2.6 Metal Fabrication and Steel Works

These works shall include fabrication, supply, and installation of all specified steel and metal components, including:

- Steel security fittings and protective steelwork.
- Structural steel fabrication and installation.
- Metal support brackets and associated works.

2.7 Plumbing and Drainage Installations

The contractor shall provide complete plumbing and sanitary installations for the hospital. The works shall include:

- Water supply pipe installations.
- Internal plumbing systems.
- Installation of sanitary appliances and fittings.
- Drainage pipework and wastewater systems.
- Septic tank and soakaway construction.
- Testing and commissioning of plumbing systems.

2.8 Electrical and Mechanical Installations

Electrical and mechanical works shall include the supply, installation, testing, and commissioning of all electrical systems required for the hospital operation. The scope shall include:

- Internal and external electrical wiring.
- Lighting and power installations.
- Distribution boards and circuit protection systems.
- Electrical fittings and accessories.
- Mechanical service installations where specified.
- Testing and commissioning of all installed systems.

2.9 Floor, Wall and Ceiling Finishes

The contractor shall complete all architectural finishing works within the hospital building. These works shall include:

- Floor screeding
- Floor and Wall tiles installation where specified.
- Wall plastering and wall finishes.
- Ceiling installation and finishing.
- Internal and external rendering works.
- Decorative and protective finishes.

2.10 Glazing Works

The glazing works shall include:

- Supply and installation of window glass.
- Glazed window systems.
- Puttying, sealing, and glazing accessories.

2.11 Painting and Decoration Works

Painting works shall include all surface preparation and application of washable protective and decorative coatings and painting to internal and external surfaces, including:

- Surface cleaning and preparation.
- Priming and undercoating.
- Painting of walls, ceilings, timber, and metal surfaces.
- Protective finishes to steel and timber elements.

2.12 External Works

External works associated with the hospital development shall include:

- Construction of septic tank and soakaway systems.
- External concrete works.
- Site grading and levelling.
- Drainage works around the hospital.
- External paving and access works where specified.
- General external site finishing works.

3.0 General Requirements

The Contractor shall:

- Execute all works in compliance with approved drawings, specifications, BoQ, environmental requirements, and safety regulations.
- Provide and maintain adequate safety measures throughout the construction period.
- Ensure quality control testing is conducted as required by the Client.
- Remove all temporary works, surplus materials, and debris upon completion of the project.

4.0 Contract Duration

The duration of the project will be 150 calendar days.

5.0 Project Completion

Upon completion of construction works, the contractor shall undertake testing and commissioning of all plumbing, electrical, and mechanical systems to ensure functionality and compliance with specifications.

The contractor shall further rectify all identified defects and formally hand over the completed Matuwa Mini Hospital to the client upon successful completion of all works.