

## SECTION 2.1 SPECIFICATIONS

The Hessequa Municipality requires the successful bidder to supply and install the following:

### 1.1 PRODUCT

- Multi-purpose Mobile Storage System with a Mechanical Drive or Manual Push Operation.

### 1.2 TRACK / RUNNER RAILS

- The tracking must consist of guide and running rails. The rails must consist of U-profile with an anti-tilt lip bent from cold rolled steel, welded and epoxy powder coated.
- Visual levelling pursuant to the required tolerances according ZH1/428 must be ensured.
- The rail joints must be structured so that they ensure the jolt-free operation of the mobile storage system both at the joints and the expansion joints.
- The track is a 20mm square bar electro plated.
- The rail is 2mm commercial quality sheet metal.

COMPLY	PAGE TO REFERENCE
YES	NO

### 1.3 PLINTH

- The plinth is to be free standing (not bolted to floor or wall).
- It must not be higher at any point than 36mm.
- The track / rail must not protrude more than 4mm above the level of the plinth.

COMPLY	PAGE TO REFERENCE
YES	NO

### 1.4 MECHANICAL DRIVE OPERATION

- Each mobile Storage unit must accommodate steel winder handle.
- The units must be moved with an effort to weight of 1/1000 or 1/2000. The power must be transmitted via a gear gain onto a torsion-resistant through-drive shaft. The chain wheels must be equipped with two maintenance-free ball bearings. The tension of the chain must be easily adjusted without the dis-assembling of any shelving parts.
- The chain must be hidden behind the front side-panel.
- This option to be available on 1, 2 & 3 deep systems.

COMPLY	PAGE TO REFERENCE
YES	NO

### 1.5 MANUAL PUSH OPERATION

- Each mobile Storage unit must accommodate a steel handle, ergonomically fitted in a vertical plane.
- This option to be available on 1 & 2 deep systems only.

COMPLY	PAGE TO REFERENCE
YES	NO

### 1.6 STATIC AND MOBILE BASES /DOLLIES

- The bases are to be made of a torsion-resistant welded construction [profile frame 145mm high] into which the wheelholders are welded.
- The wheel-holders are to be equipped with the ball bearings on each side. The wheels must be equipped with maintenance-free and dust-proof ball bearings and have a diameter of 106 for drive and 75mm for running wheels. Their admissible charge capacity must be 800kg. The static individual capacity of each wheel must amount to **AT LEAST 1,200KG**. Every mobile storage system should be equipped with one set of flanged wheels, to grant a parallel movement of the units. A torsion-resistant through-drive shaft must operate all driven wheels simultaneously, so that each mobile unit will start moving at the same time across the whole width.
- E.g., A dolly with 4 bays and 4 wheels will have a capacity of 3.2 tons.

COMPLY	PAGE TO REFERENCE
YES	NO

### 1.7 FRAME

- The system must consist of solid upright panels with a front profile of 38 mm. The top cover must consist of a folded steel panel clipped to the uprights, which must provide the system with the required stability.
- The uprights have welded corners and must be bolted to the dollies.
- The shelves fitted into the frame should be freely accessible throughout the full width of the unit.
- The uprights must allow all internal fittings to be easily adjusted to suit changing needs, by means of clip-in components.
- The front side-panel must have an aesthetically pleasing finish. A soft hollow buffer profile should be added between the units.

COMPLY	PAGE TO REFERENCE
YES	NO

### 1.8 INTERNAL FITTINGS: SHELVES

- The shelves must be folded three times, at front and back to protect against any risk of injury and to ensure optimum load bearing. [60kg spread load per shelf]. 0.8mm metal sheet with the corners welded for added strength.
- Shelves must be available in single depths of 400/350mm and double depths of 800/700mm.
- Strengthened Shelves will carry 100kg.
- Shelves can be designed to carry 200kg safely.
- Should requirements alter, the shelving should be able to be modified by additional accessories such as a bracing bar, increasing the load capacity still further.

COMPLY	PAGE TO REFERENCE
YES	NO

### 1.9 DOORS & LOCKS

- The system must accommodate a central locking mechanism which will lock all of the units to prevent access.
- The end of the unit can be closed and locked with swing doors on a double bogey or with a back panel on a single unit.

COMPLY	PAGE TO REFERENCE
YES	NO

### 1.10 PAINTING

- Only choice material of quality St 1203 or St 37 must be used for these systems. In order to grant a perfect surface protection of the units the individual parts must be chemically cleaned and oven baked with epoxy power coating, baked at  $\pm 200^{\circ}$  C.
- To prevent the surface coating from peeling off or chipping the power coating thickness must not be less than 40 microns. The surface coating procedure must conform to SABS standards.

COMPLY	PAGE TO REFERENCE
YES	NO

### 1.11 QUALITY AND TESTED SAFETY STANDARDS

- The mobile and static filing systems must conform to the guidelines of the Employer's Liability Insurance for mobile shelving and storage according to ZH/428.

- The mobile and static filing systems must conform to the regulations for Quality and Design for mobile shelving and storage, according to RAL-RG614/4 and RAL-RG 613/4.
- The production facility must be registered SABS ISO 9002 Quality Management System. Raw materials, components, finishes or procedures used, must attain or exceed relevant specifications laid down by the South African Bureau of Standards.

Every member in the RAL-RG614 Quality Assessment Organisation must, therefore, meet the following requirements:

- Provide proof that an authorised testing engineer has tested the structural design of the respective shelving system, or alternatively, proof of stress tests, that have been audited accordingly.
- Provide proof of compliance with DIN 4100/2 [appropriate welding, suitability of the materials used].

COMPLY	PAGE TO REFERENCE
YES	NO

#### 1.12 GUARANTEED PERIOD

- A minimum of 10 years against faulty workmanship and on the material/equipment.

COMPLY	PAGE TO REFERENCE
YES	NO

#### 1.13 MECHANICAL DRIVE

- Falls within Occupational Health and Safety Act of 1993.
- Ease of movement – 1 finger.
- Up to 2 units/dollies can be moved at any one time.
- Direct access to required cabinet.

COMPLY	PAGE TO REFERENCE
YES	NO

#### 1.14 STEEL SUPER STRUCTURE ATTACHED TO DOLLY/BASE

- Rustproof, strong and sturdy.
- Internal fittings can be easily attached to the frames, e.g. by clips.
- Internal fitting can be moved effortlessly which makes service calls quicker.
- Maintain original storage even when disassembled and reassembled several times.

COMPLY	PAGE TO REFERENCE
YES	NO

#### 1.15 MOBILE BASES RUN ON DUST FREE BALL BEARINGS

- System is virtually maintenance free.
- No disruption to daily use of system.

COMPLY	PAGE TO REFERENCE
YES	NO

#### 1.16 AESTHETICALLY COMPATIBLE WITH OTHER EXISTING OR NEW

##### OFFICE FURNITURE

- Can be planned into open plan offices [i.e. doesn't have to be hidden in a storeroom.

COMPLY	PAGE TO REFERENCE
YES	NO

#### 1.17 BACK-TO-BACK CABINETS MEAN 3 BAYS ARE ACCESSIBLE EACH TIME CABINETS ARE ACCESSED

- Saves costs of back panels.
- Improves accessibility by 100% - 3 BAYS accessible at each access.
- Less time spent moving cabinets.

COMPLY	PAGE TO REFERENCE
YES	NO

#### 1.18 INTERNAL MEASUREMENT OF 1,130MM

- Wider than the standard internal length of 914mm.
- Fewer cabinets needed to house the same storage, which saves on the cost of the cabinets.

COMPLY	PAGE TO REFERENCE
YES	NO

#### 1.19 IN-HOUSE SERVICE TEAM

- Gives us the flexibility to fit in with our clients working or moving.
- The team builds its own good relationship with our clients on site.

COMPLY		PAGE TO REFERENCE
YES	NO	

## 1.20 MEASUREMENTS

- Please note that the measurements are approximate and the bidder is responsible for the final measurements before submitting his/her bid.
- The total length of the area to be shelved is 2370 mm and the width is 2500 mm. 7 Shelve rows must be installed with one fixed panel adjusted for the pillar and 3 doors as per the specifications. This installation must be exactly the same as the current installation which will be pointed out during the site clarification meeting.

COMPLY		PAGE TO REFERENCE
YES	NO	

## PROJECT 2:

The Hessequa Municipality requires the successful bidder to supply and install the following

### THE SUPPLY, DELIVERY AND INSTALLATION OF HEAVY-DUTY GALVANISED STEEL SHELVING AT THE TRAFFIC OFFICES, RIVERSDALE

2.1 All shelving must be manufactured from heavy duty galvanised steel (silver) (thickness of at least 10 mm)

COMPLY		PAGE TO REFERENCE
YES	NO	

2.2 The individual shelving measurements must be as follows: width 920 mm, height 440 mm with an opening of 380 mm per shelve. The individual shelving must be fitted together with galvanised nuts and bolts and bolted to the wall.

COMPLY		PAGE TO REFERENCE
YES	NO	

2.3 The maximum number of shelves must be installed in the allowable space which is as follows: Area 1: width of area 6 300 mm and height of 3009 mm and Area 2: width of area 4370 mm and height of 3009 mm.

COMPLY		PAGE TO REFERENCE
YES	NO	

**2.4 The weight capacity per shelve should be 160 kg per shelve.**

COMPLY	PAGE TO REFERENCE
YES	NO

**GENERAL CONDITIONS:**

1. The workmanship of the contractor and quality of the shelving and related items must be guaranteed for a period of 10 years. The guarantee includes the cost to repair any defect resulting from either bad workmanship or defective materials or components. Should a defect occur after the work has been completed within the 10 -year guarantee period, the contractor must attend to and repair/fix the defect within 20 days after receiving the written notification from the Municipality regarding the defect. Should the defect not be rectified within the 20-day period, the Municipality may acquire the service of another service provider to repair the defect and the expense will then be recovered from the service provider that defaulted.

COMPLY	PAGE TO REFERENCE
YES	NO

2. All materials must be applied strictly in accordance with the relevant technical specifications and application manual of the product.

COMPLY	PAGE TO REFERENCE
YES	NO

3. Special care must be taken not to damage any furniture, fittings, skirtings, floor covering, etc as any damages and replacements shall be for the account of the contractor.

COMPLY	PAGE TO REFERENCE
YES	NO

4. The contractor must remove all refuse from the site.

COMPLY	PAGE TO REFERENCE
YES	NO

5. The contractor must comply with all health and safety requirements in accordance with Act 85 of 1993.

COMPLY	PAGE TO REFERENCE
YES	NO

6. The successful contractor must supply his own material and equipment which is deemed necessary to complete the project.

COMPLY	PAGE TO REFERENCE
YES	NO

7. The tender amount must include all related expenses, i.e. all new material, transport of material, labour and the removing of all refuse.

COMPLY	PAGE TO REFERENCE
YES	NO

8. The contractor must inspect the site and make himself fully aware of the site conditions and assess the scope of the work. No claims for misunderstanding the scope of works will be entertained by Hessequa Municipality.

COMPLY	PAGE TO REFERENCE
YES	NO

9. No payment will be made up front or deposit will be provided until the work is fully completed. Payment will be made in terms of the Municipal Financial Management Act, within 30 days from the invoice date.

COMPLY	PAGE TO REFERENCE
YES	NO

10. No portion of this work may be sub-contracted.

COMPLY	PAGE TO REFERENCE
YES	NO

11. The contractor is ultimately responsible for the final measurements. The shelving must be the same as the current shelving which will be pointed out to the prospective bidders at the site clarification meeting.

COMPLY	PAGE TO REFERENCE
YES	NO

12. The project must be completed within 60 working days from the date of receiving the purchase order/award letter by the municipality. In the event that the successful bidders fail to complete the project within this time frame a penalty fee equals to 1 % of the project value will be deducted daily from the award amount.

COMPLY	PAGE TO REFERENCE
YES	NO

13. The contractor **must** submit at least three (3) references from clients where the contractor did similar works. The value of the work, per reference/project may not be less than R 50 000.00 and the references used must be for similar work done between 1 January 2020 – 30 September 2023. If the contractor fails to submit the requested references with his/her tender, the tender will not be considered.

COMPLY	PAGE TO REFERENCE
YES	NO

**Failure to provide the information or adhere to the conditions as stated above, may result in your tender being declared non-responsive.**

DECLARATION,

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Initials of Service Provider's Authority: .....

I, THE UNDERSIGNED (NAME) .....

CERTIFY THAT THE INFORMATION FURNISHED ABOVE IS CORRECT. I ACCEPT THAT THE MUNICIPALITY  
MAY ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

AUTHORISED SIGNATURE: .....

NAME: .....

CAPACITY: ..... DATE: .....