

Annexure C3.2 Scope of Work –

Design and Construction of a Steel Roof complete with ventilators for the Civil Workshop.

Background

The current roof is a corrugated iron roof resting on steel trusses. Due to ageing, there are numerous leaks on the roof as well as structural damage on the masonry structure. Rand Water therefore requires a competent contractor to design and construct the roof structure and its components. The design requirements and client preferences are discussed below.

Sizes of the roof is as per the attached drawing

Scope Description/Requirements

1. Design
 - The design of the roof and the associated masonry building works shall be designed and approved by an ECSA registered structural engineer, following which the contractor shall submit the drawings to the client for review.
 - The design must be suitable for the existing masonry structure.
 - A drainage system suitable for the roof must be included in the design (e.g. Gutters)
 - Preferred style and Colour: Klip-Lok / Saflok type sheets
: Coated Sheet (Sunset Red)
2. Brick-up the existing Temporary Extension
 - The existing extension made of corrugated iron must be demolished and reconstructed with Terracotta Satin bricks.
 - The roller shutter doors removed during demolition must be reinstalled on the bricked-up structure
3. Rebuild cracked beam section (masonry)
 - Assess the damage and repair accordingly
4. Remove existing roof
 - Carefully remove roof taking care not to damage external pipe work
 - Remove earthing points, and re-earth after construction
 - Detach carpentry machine extraction pipe connections, and re-attach to suit new roof structure
5. Modify existing masonry walls to suit the new roof structure
 - as per approved design
6. Install Roof Structure
 - as per approved design
7. Install roof sheets and ventilators



- as per approved design

Note: Preliminary and General Cost are to be factored into the bill line items, as they will not be paid separately.

Note that the successful candidate must submit a safety file and attend induction before work commences.

Reference 1: Existing Roof

Figure 1: South Elevation



Figure 2: North Elevation (Showing Temporary Structure)



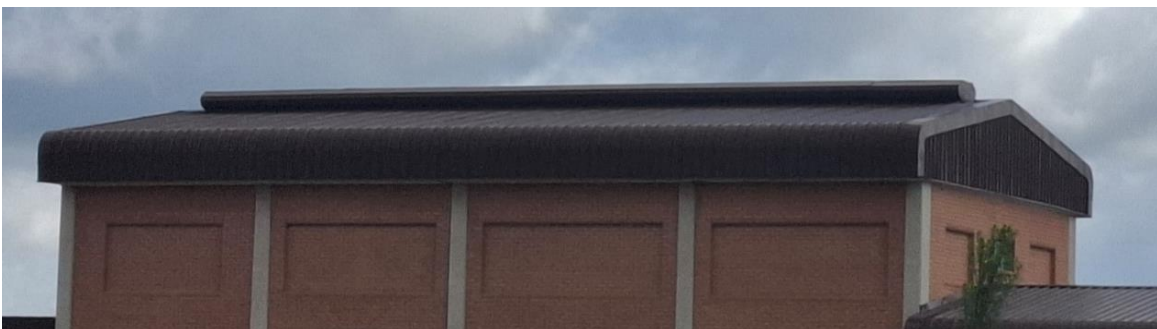
Figure 3: West Elevation



Figure 4: East Elevation



Reference 2: Proposed Roof Styles





Annexure C4 – Site Information

Site Briefing 20.06.2025 @ 08:00

RAND WATER ZUIKERBOSCH – we meet at Risk Control Parking Area

Vischgat Road, Three Rivers East
Vereeniging, 1939
GPS Coordinates: S 26° 41.520 and E 28° 00.061

THE IMPORTANCE OF WEARING PPE

Everyone accessing the plant will be expected to wear safety shoes, failure to which no access will be granted.

THE IMPORTANCE OF CARRYING YOUR DRIVER'S LICENSE

Everyone accessing the site using personal or company vehicles is requested to always carry their valid driver's license.

VALID CAR DISCS ARE ESSENTIAL

Every company or personal vehicle accessing the site must have a valid car disc. The biometric system will scan and cross-reference these discs to ensure compliance with local regulations. Failure to have a valid car disc may result in the vehicle being refused entry.

DATA SECURITY

The site complies with the principle of Personal Access to Information Act (PAIA) and as such all data collected will be treated with the utmost confidentiality and used solely for security and access control purposes.