

Specifications for Quotation

Ref. No.: MSQ 02 OF 2023

UMsunduzi Museum request quotations from the Professional Service Providers for Repair and Maintenance of the Thatched Roof on the following buildings of the Museum: **Vootrekker House (333 Boom Street), Andries Pretorius House and the Zulu Hut (351 Langalibalele Street).**

A. Vootrekker House (333 Boom Street) - Roof size: Approx. 78m² (Suppliers to measure to get correct size of the roof)

1. Work to be done

The Service provider to remove the old existing thatch and assess the existing roof poles underneath to ensure that if it is solid for rethatching. If not solid, fix by replacing affected areas on the structure. Re-thatch the roof includes concrete capping and apply **fire retardant** system to the roof.

1.1 Roof thatch application

- 150 mm thickness of hand cut grass thatch with acceptable standard in lengths with a minimum of 1200 mm laid in bundles of suitable sizes.
- Thatch grass to be compacted to a minimum density of 150 mm thickness.
- Thatch grass to be fixed by means of suitable fixing rods interlaced through and over the bundles at not exceeding 600mm centres.
- Thatch grass to be secured with an acceptable bitumen impregnated treated sisal rope or SABS approved nylon twine and including eucalyptus battens CCA treated in accordance with SABS 457 varying in diameter from 30 to 40 mm, spaced generally at maximum 250 mm centres and at closer centres nearer to eaves nailed to roof structure and with and including 25 mm thick spread layer to underside

1.2 Roof Ridge

- Strip and Replace existing roof ridge of approximately 2.4 L/m.
- Ridge capping 1200 mm girth formed of 75 mm thick 25MPa concrete with construction joints at 1500mm reinforced with and including type 193 fabric reinforcement on 250 micron "USB" waterproof sheeting.

1.3 Fire Retardant

- Apply Fire retardant to an entire roof of approximately 78m².
- The roof is sprayed inside and outside with special attention to all edges and corners.

B. Andries Pretorius House - Roof Size: Approx. 143, 9 m² (Suppliers to measure to get correct size of the roof)

1. Work to be done

The Service provider to strip and re-thatch the existing roof house, redo concrete capping, flashing to chimney, apply fire retardant to the roof, refit all necessary systems e.g. drencher system

1.1 Roof thatch application

- 50 mm thickness of hand cut grass to thatch the roof at an acceptable standard in lengths with a minimum of 1200 mm laid in bundles of suitable size.
- Thatch grass to be compacted to a minimum density of 35 kg/m/150 mm thickness.
- Thatch grass to be fixed by means of suitable fixing rods interlaced through and over the bundles at not exceeding 600mm centres.
- Thatch grass secured with an acceptable bitumen impregnated treated sisal rope or SABS approved nylon twine and including eucalyptus battens CCA treated in accordance with SABS 457 varying in diameter from 30 to 40 mm, spaced generally at maximum 250 mm centres and at closer centres nearer to eaves nailed to roof structure and with and including 25 mm thick spread layer to underside

1.2 Roof Ridge

an agency of the

Department of Sport, Arts and Culture

- a) Assess the Roof Ridge; Repair the existing roof ridge if damaged.
- b) Ridge capping 1200 mm girth formed of 75 mm thick 25MPa concrete with construction joints at 1500mm reinforced with and including type 193 fabric reinforcement on 250 micron "USB" waterproof sheeting.

1.3 Fire Retardant

- a) Apply Fire retardant to an entire roof of approximately 143.9m².
- b) The roof is sprayed inside and outside with special attention to all edges and corners.

C. Zulu Hut - roof size : Approximately 51m² Suppliers to measure to get correct size of the roof)

1. Work to be done

The Service provider to repair and maintain existing thatch house, pull and comb the thatch, treat moisture in the hut and wood borer, apply **fire retardant** to the thatching and attend to roof capping. Apply deterrent to thatch to prevent termite

1.1 Roof Ridge

- a) Assess, repair or replace the roof ridge; if found to be damaged.

1.2 Fire Retardant

- a) Apply Fire retardant to an entire roof of approximately 51.1m².
- b) The roof is sprayed inside and outside with special attention to all edges to deter termites and treat moisture

D. MANDATORY REQUIREMENTS

1. Interested Service provider must be registered with Thatchers Association of South Africa (TASA) attach proof or registration and CIDB GB 1 upwards.
2. The quote to specify items to be done in each building i.e. price for each building
3. Service provider must come onsite for building measurements to quote properly on materials required including labour
4. All material to be used must be SABS and TASA approved standards.
5. All workmanship and materials to be guaranteed for a period of 3 years upwards and the Service providers to provide Work Assurance Certificate after job completion.
6. Submit fully completed and signed Declaration of interest forms provided – SBD 4 and Local Content form – SBD
7. Submit a BBEEE certificate or sworn affidavit
8. Provide 3 (three) contactable references as proof of work done including pictures
9. The successful Service Provider before commencing work sign a Service Level Agreement (SLA) with the Museum.

E. DELIVERY DEADLINES:

- a) **Compulsory Briefing meeting: Wednesday 07 June 2023, 10:30**
- b) Quotations closing date: **Wednesday, 14 June 2023, 16h00**
- c) Quotations to: Msizi Mfeka, Email to: mmfeka@msunduzimuseum.org.za and CC Simphiwe Mbeje , smbeje@msunduzimuseum.org.za

8. ENQUIRIES TO BE DIRECTED TO:

- a) **For Quotation processes enquiries:** contact Mr. Msizi Mfeka, Tel. 033 394 6834
mmfeka@msunduzimuseum.org.za
- b) **For Technical enquiries:** contact – Mr Bongumusa (Mabo) Mdluli - bmdluli@msunduzimuseum.org.za or Mr. Reggie Moodley - rmoodley@msunduzimuseum.org.za Tel. 033 394 6834