

ANNEXURE C3.2: SCOPE OF WORK (INCLUDING DRAWINGS, WHERE APPLICABLE)

A) Block of Flat at Zuikerbosch Water Treatment Plant

1. Block Flats (40, 41, 42 and 43). Including cottage building on each flat
2. Block Flats (44, 45, 46 and 47). Including cottage building on each flat
3. Block Flats (48, 49, 50, 51 and 52). Including cottage building on each flat
4. Block Flats (53, 54, 55, 56 and 57). Including cottage building on each flat
5. Block Flats (59, 60, 61 and 62). Including cottage building on each flat

Scope of Works for the Block of Flats at Zuikerbosch

- i) Remove all existing barge boards (200 x 80 x 3) mm.
- ii) Install new barge boards (260 x 260) (specification attached).
- iii) Make sure that the newly installed barge boards are securely fastened.
- iv) Check the entire roof for any defects and fix them.
- v) Seal newly installed barge and roof tiles to prevent rainwater from entering under the barge board.
- vi) Use a 200mm roof seal membrane and Red Ever bond roof seal paint
- vii) Clean the entire roof with High pressure to remove all dirt.
- viii) Apply manually or spray two coats of roof paint with a paint warranty of not less than seven (7) years.
- i) Paint newly installed barge boards in white.
- ix) Make sure that the walls are correctly sealed to avoid painting them.
- x) Colour should be of the existing roof tiles.
- xi) All full-length salvaged barge boards to be delivered at Civil section
- xii) Clean site after completion of every block of Flats

NB:

- It is the supplier's responsibility to organise own storage including security for the duration of the works, security personnel to be available 24hrs.
- Make sure that your quote includes scaffold, skyjack or cherry picker to have safe access on the roofs.

- Quotation should include Preliminary and General (P&Gs) to accommodate the duration of the works for all sites.

B) Zuikerbosch swimming pools renovations

Drawings with details for both pools are attached.

6. Renovation of small swimming pool surface at Zuikerbosch Pumping station

7. Renovation of large swimming pool surface at Zuikerbosch Pumping station

Description of works

The objective of the project is to refurbish the swimming pool surface as it has become damaged, the extent of the damage can be seen through the manifestation of cracks, and hollow spots on the concrete surface. The fibreglass has peeled off the surface and re-lamination is required.

Scope and extent of the works

Concrete Surface (Pool Floor)

Prior to repairing the concrete surface, all the fibre glass shall be removed.

All hollow and chipped areas are to be repaired by applying a surface crystalline slurry treatment to repair the existing floor into a permanent waterproof barrier, prior surface preparing for adequate application.

If any cracks are present in the concrete, they shall be sealed and protected from leaking with crystalline waterproof grout

C) Fibre glass

- The existing fibreglass is to be removed and replaced with new fiberglass.
- Advanced-Glass isophthalic polyester resin.
- Advanced-Glass Finish coat (Wax- & colour-impregnated, glass-free, final resin coat.)
- Methyl ethyl ketone peroxide or equivalent.
- Washed sand Local source, mixed with resin for subsurface filler.
- Fiberglass rope Contractor's preference, appropriate for this work.

- White and black pigments Neste or equivalent. (for resins)
- Surfacing agent (wax) Lilly or equivalent.
- Acetone (for cleaning) Any local brand and flushing equipment)
- The contractor shall paint the inner surface like the previous paint. Blue in colour
- The contractor shall replace old sand with new sand in the filter tanks.

NB:

A copy of a signed certificate proving that dumping has taken place at an approved landfill site shall be handed in with the invoice at the end of work.

8. Safety File Costs - Zuikerbosch.

9. Safety file Costs – Zwartkoppies

D) Renovations at Zwartkoppies

Scope of work for house No. 56 and 31 at RW - Zwartkoppies

10. Paint work inside and outside

- Paint house and all outside buildings inside and outside including window-frames and burglar bars.
- Replace all fascia, barge boards and gutters where needed and paint.

11. Northern side foundation / wall cracks

- Open existing foundation where it collapsed, install 300mm x 600mm concrete plinth to strengthen foundation
- Open all wall crack and install mesh and re-plaster

12. Kitchen remove and replace

- Install new kitchen units and post form top/measurements to be confirmed on site.
- Remove and install new ceiling 8m x 6m ceiling.
- Seal sky light.

13. Dining room

- Remove wooden block floor.
- Pre pair floor by chipping and apply bonding liquid.
- Install 25 square meter ceramic floor tiles.

14. Lounge/passage

- Remove ceiling and install with new.

15. Bedroom 1

- Remove existing carpet.
- Prepare floor by chipping and apply bonding liquid
- Install 25 square meter ceramic tiles
- Remove and replace ceiling

16. Bedroom 2

- Remove existing carpet.
- Prepare floor by chipping and apply bonding liquid
- Install 25 square meter ceramic tiles

17. Bedroom 3

- Remove existing Marley floor
- Prepare floor by chipping and apply bonding liquid
- Install 25 square meter ceramic tiles
- Remove existing build in cupboard and install new white melamine cupboard 5-meter x 2.4m.

18. Bedroom 4

- Remove existing Marley floor
- Prepare floor by chipping and apply bonding liquid
- Install 64 square meter ceramic tiles
- Remove and install new ceiling 8m x 8m

19. Bathroom

- Remove and replace ceiling 4m x 4m.

House 31 Additional Information

Number 31 has 3 bedrooms. Renovations of the Kitchen and bathroom will include the following:

- Removal of and replacement of floor and wall tiles, (Kitchen wall tiles 20m², Floor Tiles 25 m²)
- Floor tile size must be 600 x 600 ceramic tiles
- Painting of Ceiling only

- Paint apron slab / concrete slab
- Measurements for window frames (4 x 1559 x 1551), (1 x 1450 x 1551), (2 x 1200 x 533)
- Number of Windows (7)
- Painting of carport, outside toilet and outside infrastructure

Measurements for house 56

- Kitchen 1 (5m x 4m, Height 2.7)
- Kitchen 2 (4m x 3.5m, Height 2.2)
- Lounge 1 (4m x 6m, Height 2.7)
- Lounge 2 (5.5m x 3.5m, Height 2.7)
- Dining Room (3.1m x 4.3m, Height 2.7)
- Bedroom 1 (5m x 4.5m, Height 2.7)
- Bedroom 2 (3.4m x 3.9m, Height 2.7)
- Bedroom 3 (3.7m x 3.1m, Height 2.7)
- Bedroom 4 (3.7m x 4m, Height 2.7)
- Bathroom 1 (2.2m x 3.5m, Height 2.7)
- Bathroom 2 (2.6m x 3.7m, Height 2.7)
- Guest Toilet (2m x 1.1m, Height 2.7)
- Passage 1 (7.6m x 1.1m, Height 2.7)
- Passage 2 (5.1m x 2m, Height 2.7)
- Garage (6.2m x 6.2m, Height 2.7)

E) Central Depot

1. Houses

House 1 - Zuuberkom Site

Painting on the following areas:

- 3 bedrooms walls = 120 m²
- Dining, passage, kitchen, bathrooms = 126 m²
- Ceilings = 164m²
- Outside walls = 220m²

Repair and replacement on the following areas

- Waterproof walls for Damp
- Remove carpets in bedrooms and tile the bedrooms = 90 m²
- Replace kitchen wall tiles = 32m²
- Supply and install new kitchen cupboards, [white melamine] = 10m
- Remove and install new bathtub
- Change shower doors
- Replace gutters = 90m
- Replace barge boards and fascia boards = 90 m

House 2 Rustenburg

Painting the following area:

- Outside walls treat for damp before painting = 500m²
- Ceilings painting = 180m²
- Repair roof leak = 200m²
- Paint roof = 200m²
- Outside boundary wall plaster = 60m x 2m
- Repair electric fence = 80m

Double story units, therefore scaffolding is needed to reach on the roof

General Workmanship Painting.

All work shall be done in a neat and clean manner by experienced, capable painters.

- i) Each coat of paint shall be evenly worked out and allowed to dry according to the manufacturer's recommendations before subsequent coats are applied.
- ii) Finish coat or coats of paint shall be of the exact shade or shades,
- iii) The Contractor shall not change the color of any paint that has already been approved.
- iv) The finished work shall be free from runs, sags, defective brushing, or stippling, and clogging of lines and angles of the trim.
- v) It shall be distinctly understood that the number of coats of material recommended by the manufacturer specifies a minimum.
- vi) Even with a material of specified quality, mere applications of the stated number of coats will not assure acceptance, unless a sample of the quality of the workmanship and the hiding quality of the work is approved by the project manager.

- vii) Rand Water reserves the right to stop all work and cancel the order, if the supplier does not conform to the site's rules and regulation and/or conducts work in an unethical manner

2. Offices at Central Depot

Strip, remove and install wallpaper from all designated areas (listed below), including the removal of as much of the glue/adhesive as possible

- EMs Office [7 x 5 x 2.8]
- EMS SEC [6 X 5 X 2.8]
- TMO [6 x 3.5 x 2.8]
- MM [6 x 3.5 x 2.8]
- Wellness [4 x 3.5 2.8]
- ISS [4 x 3.5 x 2.8]
- ROMS offices [7 x 7 x 2.8]

NB:

Contractors must have a minimum CIDB grading of 2GB