

ANNEXURE C3.2: SCOPE OF WORK (RENOVATION OF RESIDENTIAL PROPERTIES) (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) mm (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 penetrating between barge boards and roof tile.
- vi) Use a 200mm roof seal membrane and Red Ever bond roof seal paint or equivalent.
- vii) Clean the entire roof with High pressure machinery to remove all dirt and flaking old paint.
- viii) Apply roof paint manually or by spray to cover the entire roof evenly with a paint warranty not less than ten (10) 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, (Red)
- xi) All full-length salvaged barge boards to be delivered at Civil section.
- xii) Clean site after completion of each 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 lifeline, 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 work on site.

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. Painting the entire paving around the small swimming pool including the newly installed pavers.
8. Renovation of large swimming pool surface at Zuikerbosch Pumping station.
9. Painting the entire paving around the big or large swimming pool.

Description of works

The objective of the project is to refurbish the swimming pools surface as they both became damaged, and 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 replacement are of utmost importance.

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.

- ❖ Remove the existing fibre glass and replace it with marbelite (Sky Blue Colour).
- ❖ All cracks are to be closed or filled correctly with non-penetrative water sealant before marbelite is applied on the floor and coping/wall of both pools.
- ❖ The inner top part of the coping or wall shall have a layer of 200mm to 300mm of mosaic tile to match the applied marbelite on the big or large swimming pool.
- ❖ Service and refurbish pumps of both pools.
- ❖ Replace the old filter sand in both tanks with the new filter sand.
- ❖ Pebble paves the area around the small pool measuring approximately $\pm 36\text{m}^2$.
- ❖ Break about 2m^2 and prepare the area to install 2m^2 of 100mm x 20mm x 50mm interlock pavers.
- ❖ Prepare approximately 35m^2 area around the small swimming pool after the pebble pavers for the installation of 100mm x 20mm x 50mm interlock pavers to be level with the grass.
- ❖ Install a 100mm x 100mm situ kerb around the newly installed pavers.
- ❖ Break the existing cracked dilapidated situ kerb and replace it with the new one, (202m length).
- ❖ Paint the entire paving around both pools measuring approximately $\pm 360\text{m}^2$.

10. Renovation of a Fountain at Filter House no.1.

Description of works

The objective of the project is to refurbish the Water Feature inner surface (Wall mosaic tiles and Floor tiles) plus steel plates and poles change colour due to water,

the extent of the damage can be seen through the manifestation tiles changing the colour and now are not able to be cleaned and cracks on the coping has developed at various areas or places. The pave area colour is also fading out.

Scope of Work

- ❖ Remove all the old mosaic tiles on the coping and the floor.
- ❖ After removing the old mosaic tiles check if there are any cracks and seal those areas adequately. (Currently only four cracks are visible just below the top part of the coping).
- ❖ After closing the cracks, plaster the entire inner surface of the coping with the water sealing material that would be able to allow new mosaic tiles to be installed.
- ❖ Chip lightly the cracks on the top part of the coping and plaster it with smooth granite of the same colour to the existing one including on the sides of the coping except on the decorated so that the coping clean and new.
- ❖ Install a new surf cover with small holes on the existing surf to block leave or dirt from entering the suction pipe.
- ❖ Service and refurbish the pump.
- ❖ Refurbish the existing water flow pipes and plates by sand blasting them and powder coating them with Mediterranean blue colour paint.
- ❖ Reinstall them and commission the fountain.
- ❖ Remove $\pm 120\text{m}^2$ of the sagged paving and compact the ground before reinstalling it to be level with the other paved area.
- ❖ Plaster the edge of the paved area where the plaster has cracked and fallen off (50m)
- ❖ Paint the entire paving around the fountain which approximately $\pm 94\text{m}^2$ with black and red Warrior Acrylic Paving Sealer or equivalent.
- ❖ Clean the area after completion of the work and hand over the project.

11. Paint the entire paving around the fountain starting from main admin all the way to Filter house no.1

12. Safety File Costs - Zuikerbosch.

General Workmanship Painting.

All work shall be done in a neat and clean manner by experienced and 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 colour of any paint that has 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.

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.

- Potential Bidders are urged to attend the site briefing /meeting even though its non-compulsory
- **Contractors must have a minimum CIDB grading of 2GB or higher.**

ANNEXURE C2.2: PRICING SCHEDULE

The Supplier must complete the following pricing schedule:

	MILESTONES / LINE ITEMS	TIMEFRAME <i>(where applicable)</i>	UNIT PRICE <i>(where applicable)</i>	QUANTITY <i>(where applicable)</i>	COSTING
1.	Block Flats (40, 41, 42 and 43). Including cottage building on each flat.			1	
2.	Block Flats (44, 45, 46 and 47). Including cottage building on each flat.			1	
3.	Block Flats (48, 49, 50, 51 and 52). Including cottage building on each flat.			1	
4.	Block Flats (53, 54, 55, 56 and 57). Including cottage building on each flat.			1	
5.	Block Flats (59, 60, 61 and 62). Including cottage building on each flat.			1	
6.	Renovation of small swimming pool surface at Zuikerbosch Pumping Station.			1	
7.	Painting the entire paving around the small swimming pool including the newly installed pavers.			1	
8.	Renovation of large swimming pool surface at Zuikerbosch Pumping. station.			1	
9.	Painting the entire paving around the big or large			1	

	MILESTONES / LINE ITEMS	TIMEFRAME (where applicable)	UNIT PRICE (where applicable)	QUANTITY (where applicable)	COSTING
	swimming pool.				
10.	Renovation of a Fountain at Filter House no.1.			1	
11.	Paint the entire paving around the fountain starting from main admin all the way to Filter house no.1.			1	
12.	Safety File Costs - Zuikerbosch.			1	
TOTAL					
VAT					
TOTAL [VAT INCLUDED]					

Name of Bidder:

Signed by or on
behalf of Bidder:

Official
Capacity:

Date:

ANNEXURE C4: SITE INFORMATION

Rand Water Zuikerbosch Pumping Station

Vischagat Road, Three Rivers East

Vereeniging, 1939

GPS Coordinates: S 26° 41.520 and E 28° 00.061

Note for potential bidders:

1. Bring a copy of the bid document.
2. Bring your proof of identification document for the purposes of registering for an access permit.
3. Wear your safety gear as we will be entering the plant.
4. After obtaining your access permit. Wait at the parking area next to the reception area.