

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

Design, Construct, Install and load test 8 x 1 Ton A-frame beams with overhangs at various sewage plants.

Supply, install and load test 11 x 1 Ton x crawls and Supply, install and commission 4x 1Ton Electric hoists at various sewage plants.

The A-frame beams have different locations and sizes as follows:

- *House 1 (Sump No 2): 3800 x 3800 mm
- *House 23: 4500 x 3400 mm
- *Rec Club: 5700 x 3500 mm
- *3 Station Offices: 5500 x 4100 mm
- *Old Dosing plant: 5000 x 3900 mm
- *Treatment Plant: 4300 x 4200 mm
- *Salvage yard: 4700 x 2700 mm
- *Engine Room 4 Entrance: 3200 x 3200 mm
- *Supply, install and commission 11x 1Ton crawls
- *Supply, install and commission 4x 1Ton Electric hoists

*Replace a Mobile A-Frame behind Engine room 4 (10 Ton) (4410 mm x 5100 mm) (it must fit properly on the railway and will use 2 synchronised Motors to drive the front wheels forward and reverse for long travel. It must also have stairs to reach the top like the old one has. An electric hoist (10 Ton) with a remote that can travel Up-down and across must be part of the installation. (NB. The Crane must have a control box mounted on it and Rand Water will supply power with a cable)

The Length of the rail is 250 meters.

The Lifting height must be 10 meter

Additional Information

- Suppliers must quote on the Load testing and certification of all the equipment.
- Material to be used must be galvanised steel
- Chain hoists to have a standard lifting height of 15m
- A-Frame beams to have an overhang of 2m
- Power supply will be provided by Rand Water
- The beam standard height to be 4m
- All the responses must be accompanied with a detailed design of at least

the beams for approval by Rand Water

- The selected supplier must bring all the necessary equipment and resources to execute the work as Rand Water will only do supervision.
- All the beams must have overhead shelters installed to protect the hoists from the rain and sun
- The beams and hoists must be properly labelled before handing over to site
- Data books and load testing certificates should be submitted on completion

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.