

## Annexure C3.2 Scope of works

### 1. Scope of Works

#### Drive Unit

- Service Gearbox and Motor and change oil.
- Replace all bearings and seals.

#### Screen:

- Replace bottom sprockets and stub shafts for SAME standard turnabouts.
- Replace scraper blades and repair scraper arm.
- Supply and install 304s/s master links FV112/160.
- Supply new rakes to suite 304s/s including rake assembly.
- Supply and Install Tapered Bar 40x8x4mm, including screen field stiffeners.
- All tapered bars that have reduce in dimension to smaller than 40x8x4 to be replaced.
- Supply and install FV112/160 304s/s chain complete with 304s/s rollers and hardened pins. Entire chain system to be replaced with a new chain.
- Remove and Install screen with mobile crane including Horse and Trailer for transportation.
- Commission Screen

### NOTES

1. Obtain written permission through the responsible Maintenance Supervisor from the Operations department by means of a work permit before commencing of any work.

2. All relevant safety standards to be briefed by successful contractor to his staff and always adhere to them

3. A work schedule must be provided before commencing with work so that daily arrangements could be made with relevant department

4. A Detail QCP to be submitted and approved before commencement of works

5. Final Inspection do be conducted by Rand Water before delivery of the repaired screen

6. Supplier to compile and submit a safety file for approval.



**BID Number:10407780**  
**Description: Remove, Refurbish, Install and Commission Canal Screen at Rand Water Zuikerbosch Pumping Station**