

*Technical Scope of work*

Replace the 150m of 600 mm diameter concrete pipeline with 600 mm steel pipe at Vereeniging pumping station.

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1. Excavate the area where the pipeline is layed
2. Remove the tar road and the railway line
3. Carefully remove the manhole structures and re-use the same manholes for the new pipeline
4. Provide the joints to join the existing concrete and the steel pipe from manhole to manhole (End user will provide the 600mm steel pipes)
5. Provide all material to be used to construct a new bedding (current gradient should be considered when constructing a new bedding, this is a gravitational flow system)
6. Cut access points on the steel pipeline to accommodate the manholes
7. Provide all material and equipment required for this project (trench pumps, excavators, crane and bends etc)
8. All the welds to be 100% NDT tested
9. Steel pipeline to be wrapped with bitumen.
10. Re-instate the topsoil after the completion of the work.
11. Submit a SHE file before commencement of the work
12. Submit a method statement of this project, together with this quotation.
13. Site briefing compulsory to give a clear method statement and clear project programme and proper quotations as no variation will be allowed.
14. No deviation from the scope shall be allowed
15. The weld on the external field butt to the required API1104 standard
16. When laying the new pipeline make-up and provide the end user with the drawing at the end of project.
17. Backfill the trench and compact.
18. All joints to be coated.