

ANNEXURE C3.2: SCOPE OF WORK

PURPOSE

The purpose of this scope of work is to provide the supplier with details pertaining to the supply and delivery of DPD reagents and dispensers for water quality monitoring to Rand Water Zwartkopjes and Analytical Services.

BACKGROUND

A DPD reagent is a chemical used to react with water when testing oxidizer concentrations. The official name is *N,N Diethyl-1,4PhenylenediamineSulfate*.

Rand Water Zwartkopjes, Bulk Water Distribution, Analytical Services and Zuikerbosch uses the DPD powder reagents for the continues monitoring of potable water quality to ensure our compliance to SANS Standards. Free and total chlorine testing is done on a 2 hourly basis, 7 days a week. If any irregularities are picked up, the testing will be done every 30 minutes.

The DPD reagents use for the testing is harmful if swallowed and as much as we need to ensure the compliance to SANS Standards, we also need to take the employees safety into consideration.

OBJECTIVES OF THE WORK

- Delivery of DPD reagents and dispensers to ZK Main Stores and Analytical Services for a period of 3 years.
- Yearly quantities as specified on Annexure C2.2
- Monthly quantities are specified on the requisition and will be requested in writing from the supplier 2 weeks prior to requirements to prevent over stocking
- Expiry dates on items that can expire should be at least 6 months after the delivery date.
- Valid safety data sheet to be submitted with first delivery