

Market testing/analysis

Rand water is a state-owned business enterprise that operates within the South African parameters. The primary function of Rand water is to supply treated water in bulk to its municipal customers, industry customers and sanitation services. Rand water invites competent and experienced suppliers to respond to the above-mentioned RFI which is hereby published to identify prospective suppliers for its requirement in respect of:

Supply and delivery of COD vials (boxes) for the purpose of testing their suitability for the analysis of chemical oxygen demand (COD) in various raw water and effluent samples. The vials must comply with the following specifications:

COD reagent: acidic (H_2SO_4) solution of potassium dichromate ($\text{K}_2\text{Cr}_2\text{O}_7$) in the presence of a catalyst (Ag).

Concentration range: Low range ($5\text{-}60\text{ mg L}^{-1}\text{ O}_2$) and high range ($50\text{-}300\text{ mg L}^{-1}$).

Vial dimensions: 100 mL capacity with 16 mm diameter, 14 mL COD reagent.

Block digester specification: 16 mm diameter.

Instrument: Compatibility with direct readout using **UV-Vis spectrophotometer**

RFI PARTICULARS	
Ref Number:	
Date issued:	
Briefing session:	N/A
Closing Date:	
Submission place:	Rand Water Analytical Services
Purpose of RFI:	Rand Water is requesting information relating to a minimum of two boxes for different concentration ranges of COD vials for the purpose of testing their suitability on their analytical method. It should be noted that this is an RFI only, for determining market/suppliers and does not constitute a commitment, implied otherwise, that Rand water will procure services of the respondents.
SCM process/RFI queries:	N/A
RFI Technical Queries:	The Project Manager: Name: Sithule Makwabe Tel: (016)430-8850 e-mail: smakwabe@randwater.co.za

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