

## **Quotation SC 586/2009**

### **Overstrand Municipality**

#### **Supply and Install two 400 diameter Bulk Water Meters at Preekstoel**

This request for quotations is for the supply and installation of **two** 400 mm diameter ABB Magmaster flow meters, **similar, or equal to**, including flow sensors, all cabling, transmitters and flow indicator and totaliser on the two outlet mains from Preekstoel Water Treatment Plant in Hermanus.

#### **Specifications for each ABB MagMaster, similar or equal to:**

Accuracy 0.15% - 1500:1 Range

#### **Flow Sensor. Size 400 mm**

Flanges:	10 bar metric (flange drilling to be measured on site by the contractor before manufacturing meter)
Liner:	Elastomer (Hard Rubber)
Electrodes:	316 Stainless steel
Build Standard	IP 68
Earthing:	Integral electrode
Calibration:	3 point with certificate
Cabling:	80 metres

#### **Transmitter**

Type:	Remote wall mounted Magflow transmitter
Power Supply:	95 - 240 V ac
Display:	2 line and programmable
Outputs:	4 – 20 ma and pulse <800Hz
Build Standard:	IP 65

#### **Flow Indicator and Totaliser ABB C150**

Size:	48 x 96 mm
Input:	4 to 20 ma
Output:	4 to 20 ma

The meter chambers are approximately 80 meters from where the transmitter is to be located. All cabling required from the meter chamber to the transmitter shall be in a conduit of sufficient diameter to ensure easy installation.

There are existing cables from the position of the transmitter to where the Flow Indicator and totaliser shall be located (at the "Control" Panel near the office). It is incumbent on the bidder to ascertain whether these cables will be adequate, failing which the bidder shall include new cabling.

Two (2) circuit breakers in an enclosure shall be provided by the tenderer next to the transmitter.

**The bidder is encouraged to visit the site to familiarise himself with the on-site conditions and access. No claims will be entertained for additional work arising from the fact that the tenderer did not visit the site.**

Should the bidder intend to supply water meters similar or equal to ABB Magmaster meters, the bidder shall state the type of meter he is offering. Should the bidder fail to indicate the type of water meter being offered, it will be assumed that he is offering ABB Magmaster meters.

**Queries:**

Mr John Frame  
Tel: 021 – 685 6426  
Cel: 082 – 479 6398

**Arrangements to visit the site:**

Mr Ahmelio Jonathan or Mr Lincoln Benjamin

Tel: 028 – 313 0760

Cell: 083 290 7586 (Mr Ahmelio Jonathan)

Cell: 082 330 9375 (Mr Lincoln Benjamin)

**Please note:** Tenders solicited in terms of a quotation procedure:

**Clause number F.2.1 is applicable: Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a 1ME or higher class of construction work, are eligible to have their tenders evaluated.**