

**REQUEST FOR PROPOSAL (RFP): REPLACEMENT OF FLOW METERS –
CONTRACT NO.: BW250/FM/18 – FINANCIAL PROPOSAL**

BOOK 2

(NB: Submit This Document in a Separate Envelope)

TENDER SUBMITTED BY:

Registered Name of Company.....

Address.....

Telephone Number.....

Fax Number.....

E-mail:

Project Description: Replacement of Flow Meters
Project Number: BW250/FM/18

C2 PRICING DATA

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

PORTION 2: CONTRACT

Part C2: Pricing Data

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PORTION 2: CONTRACT

Section C2.1: Pricing Instruction

1. GENERAL

These pricing instructions provide the Tenderer with guidelines and requirements with regard to the completion of the bill of quantities. These pricing instructions also describe the criteria and assumptions which will be assumed in the Contract to have been taken into account by the Tenderer when developing his prices.

The bill of quantities shall be read with all the documents which form part of this Contract.

The following words have the meaning hereby assigned to them:

Unit	:	The Unit of measurement for each item of work in terms of the Scope of Work.
Quantity	:	The number of units for each item.
Rate	:	The payment per unit of work at which the tenderer tenders to do the work.
Amount	:	The product of the quantity and the rate tendered for an item.
Lump sum (L.Sum)	:	An amount tendered for an item, the extend of which is described in the Pricing Instructions, Bill of Quantities or the Scope of Work but the quantity of work of which is not measured in any units.

2. PAY ITEMS

Descriptions in the Bill of Quantities are abbreviated and comply generally with those in the Standard Specifications. The measurement and payment clause of each Standard Specification, read together with the relevant clauses of the Scope of Work, set out what ancillary or associated activities are included in the rates for the operations specified. Should any requirements of the measurement and payment clause of the applicable Standard Specification, or the Scope of Work, conflict with the terms of the Bill of Quantities, the requirements of the Standard Specification or Scope of Work, as applicable, shall prevail.

The item numbers appearing in the Bill of Quantities refer to the corresponding item number in the standard specifications or as amended in the Scope of Work. In the letter case, the item number is prefixed with the letter "B". The same applies to new clauses added to the standard specification.

The units of measurement described in the Bill of Quantities are metric units. Abbreviations used in the Bill of Quantities are as follows:

mm	=	millimetre	h	=	hour
m	=	metre	kg	=	kilogram
km	=	kilometre	t	=	ton (1000kg)
m ²	=	square metre	No.	=	number
m ² .pass	=	square metre pass	sum	=	lump sum
ha	=	hectare	m ³ .km	=	cubic metre-kilometre
m ³	=	cubic metre	PC sum	=	Prime Cost Sum
l	=	litre	Prov sum	=	Provisional sum
kl	=	kilolitre	%	=	per cent

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3. QUANTITIES

- 3.1 Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for waste.
- 3.2 The quantities set out in the Bill of Quantities are the estimated quantities of the Works, and do not necessarily represent the actual amount of work to be done. The quantities certified for payment, and not the quantities given in the Bill of Quantities, shall be used for determining payments to the Contractor. The Contract Price for the completed contract shall be computed from the actual quantities of work done, valued at the relevant unit rates and prices.

4. RATES

- 4.1 The prices and rates to be inserted in the Bill of Quantities are to be full inclusive prices for the work described under the several items. Such prices and rates shall cover all costs and expenses that may be required in and for the execution of the work described, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the documents on which the tender is based, as well as overhead charges and profit. Reasonable prices shall be inserted as these will be used as a basis for assessment of payment for additional work that may have to be carried out.
- 4.2 A price or rate is to be entered against each item in the Bill of Quantities, whether the quantities are stated or not. An item against which no price is entered or where a word or phrase such as "included" or "provided elsewhere" will be accepted as a rate of nil (R0,00) having been entered against such items and covered by the other prices or rates in the schedule.

 Any work executed to which such a pay item applies, shall be measured under the appropriate items in the Bill of Quantities and valued at a rate of nil (R0,00). The rate of nil shall be valid irrespective of any change in the quantities during the execution of the Contract.
- 4.3 The Tenderer shall fill in a rate against all items where the words "rate only" appears in the amount column. The intention is that, although no work is foreseen under such item and no quantities are consequently given in the quantity column, the tendered rate shall apply should work under this item be actually required.
- 4.4 Except where rates only are required, the Tenderer shall insert all amounts to be included in his total tendered price in the "Amount" column and show the corresponding total tendered price.
- 4.5 The Tenderer shall not group together a number of items and tender one rate for such group of items.
- 4.6 All rates and sums of money quoted in the Bill of Quantities shall be in Rands and whole cents. Fractions of a cent shall be discarded.
- 4.7 All prices and rates entered in the Bill of Quantities must be **excluding Value Added Tax (VAT)**. VAT will be added last on the summary page of the Bill of Quantities.
- 4.8 Should excessively high unit prices be tendered, such prices may be of sufficient importance to warrant rejection of a tender by the Employer.
- 4.9 Where the Contractor is required to furnish detailed drawings and designs or other information in terms of the Contract Documents, all costs thereof shall be deemed to have been provided for and included in the unit rates and sum amounts tendered for the items scheduled in the Bill of Quantities, and separate additional payments will not be made.

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PORTION 2: CONTRACT

Section C2.2: Schedule of Quantities

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ITEM NO.	PAY REF	DESCRIPTION	UNIT	QTY	RATE	Total
A1		SECTION A : PRELIMINARY & GENERAL				
A1.1		Fixed-charge items Contractual Requirements				
		insurance	sum			
		sureties	sum			
A1.2		Establishment of facilities on site Facilities for Contractor including living accommodation, tools and equipment, communication, security and access	Sum	-	-	
A1.3		Other fixed-charges obligations	Sum	-	-	
A2		Time-related items				
A2.1		Contractual Requirements & General Responsibilities	Sum	-	-	
A2.2		Operate and maintain facilities on Site for the duration of construction except where otherwise stated Facilities for the Contractor as per Item A1.2	Sum	-	-	
A2.3		Company and Head Office overhead costs for the duration of the contract	Sum	-	-	
A2.4		Other time-related obligations	Sum	-	-	
A3		Temporary works				
A3.1		Planning and managing refurbishments	Sum	-	-	
A4		Health and Safety				
A4.1		Fixed-charged costs	Sum	-	-	
A4.2		Time related cost	Sum	-	-	
TOTAL SECTION A CARRIED TO SUMMARY						

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Project Description: Replacement of Flow Meters
 Project Number: BW250/FM/18

ITEM No	PAY REF	DESCRIPTION	UNIT	QTY	RATE	Total
		SECTION B: CALEDON RIVER REGION				
		Supply, deliver, install and commissioning of flow meters				
B1		ELECTRO-MAGNETIC FLOW METERS				
B1.1		1. Final Water (P)	Sum			
		2. Tienfontein Pump station (R)	Sum			
		3. Brandkop FQ3	Sum			
B2		DIFFENTIAL PRESSURE FLOW METER				
B2.1		1. Filter Backwash Meter	Sum			
TOTAL SECTION B CARRIED TO SUMMARY						

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Project Description: Replacement of Flow Meters
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ITEM NO	PAY REF	DESCRIPTION	UNIT	QTY	RATE	Total
		SECTION C: MODDER RIVER REGION				
C1		Supply, deliver, install and commissioning of flow meters				
		ELECTRO-MAGNETIC FLOW METERS				
C1.1		1. Rustfontein Raw Water	Sum			
		2. Groothoek Raw Water	Sum			
		3. Botshabelo/Country Bird	Sum			
TOTAL SECTION C CARRIED TO SUMMARY						

ITEM NO	PAY REF	DESCRIPTION	UNIT	QTY	RATE	Total
		SECTION D: ORANGE RIVER REGION				
D1		Supply, deliver, install and commissioning of flow meters				
		ELECTRO-MAGNETIC FLOW METERS				
D1.1		1. J1 - J/fontein 200 mm TLC	Sum			
D1.2		2. Bethulie TLC	Sum			
TOTAL SECTION C CARRIED TO SUMMARY						

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Project Description: Replacement of Flow Meters
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ITEM	PAY	DESCRIPTION	UNIT	QTY	RATE	Total
No	REF					
SECTION E: MISCELLANEOUS						
E1						
		Supply, Delivery, Installation & Commission of (252-630A, 70kA, 3 pole moulded case circuit breakers installed in the enclosures	No	9		
E1.1		Supply, Delivery, Installation of 420X400X250mm Stainless steel panel for flow transmitters with indication	No	9		
E1.2		Supply, Delivery, Installation & Commission of 1 Pair of DEKABON CABLE to be installed between flow meter and display panel for 4- 20mA signal.	m	300		
E1.3		Supply, Delivery, Installation & Commission of 1.5mm ² - 4 core SWA Cable for 220V power supply of flow meter panel.	m	300		
E1.4		Supply, Delivery and installation of flow meter auxiliaries	No	9		
E1.5		Decommissioning of existing equipment	No	9		
E1.6		Wiring & interfacing to the PLC	No	4		
E1.7		Wiring & Interfacing to telemetry	No	5		
E2		As-Built Drawings	Sum			
TOTAL SECTION E CARRIED TO SUMMARY						
SUMMARY					Total	
Section A : PRELIMINARY & GENERAL						
Section B : CALEDON RIVER REGION						

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Project Description: Replacement of Flow Meters
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Section C : MODDER RIVER REGION	
Section D : ORANGE RIVER REGION	
Section E : MISCELLANEOUS	
10 % CONTINGENCY	
TOTAL	
ADD 15% Vat	
GRAND TOTAL	

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Project Description: Replacement of Flow Meters
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PORTION 2: CONTRACT

Section C2.3: Summary of Schedule

Section	Description	Amount
A	Preliminary and General	R
B	Caledon River Region	R
C	Modder River Region	R
D	Orange River Region	R
E	Miscellaneous	R
Total of Tender Sum		R
Add Contingencies		R
<p>The Tenderer shall add 10% of the "Total of Tender Sum" for contingencies. The sum provided here for contingencies is under sole control of the Employer's agent and may be deducted in whole or in part</p>		
Sub Total (<i>Sum of "Total of Tender Sum" and "Contingencies"</i>)		R
Add 15% Value Added Tax		R
Total (<i>Tender amount carried to the "Form of Offer"</i>)		R

Tenderer's time for Completion _____ months

Signature of Tenderer: _____

Date: _____

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