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SUPPLY CHAIN MANAGEMENT

Enquiries: Ms. I Thesen **Ref: 30/23** **Tel: (021) 808 8720** **E-mail: Ingrid.thesen@stellenbosch.gov.za**

As per e-mail:

Dear Sir /Madam

08 March 2023

NOTICE TO BIDDERS

ADDENDUM 1 - Tender No: BSM 30/23 JAMESTOWN 5ML RESERVOIR: CONSTRUCTION OF BULK WATER AND ASSOCIATED INFRASTRUCTURE

The compulsory site meeting held on 2nd of March 2023at Stellenbosch Wastewater treatment works at Vredenburg road, has reference:

This addendum forms an integral part of the contract documents and must be duly considered in the submission of the tender. An undersigned copy of this addendum shall be submitted with the tender documents, and failure to do this may invalidate the tender. In addition the "Acknowledgement of Receipt" form attached must be completed immediately on receipt and returned to Charl du Preez at e-mail: dupreezc@jgafrika.com

AMENDMENTS TO TENDER DOCUMENT

Your attention is specifically drawn to the tender document for the following amendments which are to be incorporated in the tender document for the abovementioned tender and you will be deemed to have made the necessary allowances to provide for these amendments in your tender offer:

1. QUESTIONS AND ANSWERS (CLARIFICATION MEETING)

Tenderers are to note that questions raised during the Clarification Meeting were addressed in the Clarification meeting Minutes issued to tenderers. The items included in this Addendum required SCM approval:

1.1. Q: Special materials such as steel products, reinforcing and HDPE are not adequately addressed in normal CPA calculations. Can this be handled as Special Materials on its own price increase merits?
A: A method of calculating Special Materials CPA is attached.

1.2. Q: Can flow meter specifications be added?
A: Flow meter specifications is attached.

2. PRICE ADJUSTMENT ON SPECIAL MATERIALS

2.1. Special Materials

Each material dealt with as a special material in terms of Clause 4.1 of the Contract Price Adjustment Schedule of the General Conditions of Contract is stated in the list below. The provisions of Clause 6.8.3 of the General Conditions of Contract shall apply to such special materials. The rates and prices for the special materials shall be furnished by the Tenderer, which rates and prices shall not include VAT but shall include all other obligatory taxes and levies. Only those materials listed by the employer below shall be considered as special materials.

Table 1: Schedule of Special Materials

Special Material	Unit*	Base Price
Steel Reinforcing Bars	tonnage	The ArcelorMittal prices, as published in their official price lists, current at the time of tender closing, will be used as the base prices for determining the adjustment in steel prices.
Steel used in the Manufacture of pipes	tonnage	
Structural Steel	tonnage	
HDPE Pipes	tonnage	The polymer index, as published on the SAPPMA website will be used for the adjustment in plastic prices.

*Indicate whether the material will be delivered in bulk or in containers.
It is noted that the Employer has agreed to allow for special materials listed in table 1 above due to the volatility of steel and HDPE prices in previous years. Tenderer's have the right to exclude the special materials should they wish and claim additional costs under the Contract Price Adjustment (CPA) indices instead. When called upon to do so, the Tenderer shall substantiate the above rates or prices with acceptable documentary evidence. When called upon to do so, the Tenderer shall substantiate the above rates or prices with acceptable documentary evidence.

The method of monthly price adjustment on Special Materials will require monthly documentation:

- Invoiced price by supplier and quantities applicable
- Delivery dates
- Supply of indices applicable as stated in Table 1.

3. FLOW METER SPECIFICATIONS

The flow meters will be installed as per the drawing layouts which include the required up- and downstream clear pipe sections. Table 2 below indicate a summary of flow meters and their operating range.

The flow meters will be linked to the Stellenbosch Municipality telemetry system and must be able to supply the following data utilising the standard telemetry signal in mA ranges to indicate:

- Cumulative flow volume (m^3)
- Current flow rate (l/s)

Table 2: Flow meter summary

Flow meter	Flow range (l/s)	Pressure range (m)
Old 1.6ML reservoir inflow	Max: 40 Min: 0	Max: 90 Min: 5
Old 1.6ML reservoir outflow	Max: 40 Min: 0	Max: 90 Min: 5
New 5ML reservoir inflow	Max: 110 Min: 0	Max: 90 Min: 5
New 5ML reservoir outflow	Max: 110 Min: 0	Max: 90 Min: 5

The data must be transferred to the pickup point at the old 1.6Ml reservoir. A sleeve is provided between the two reservoirs, the sleeve length is m. Transfer cable size must be supplied and adequately sized. The transfer cable must have additional cables to include other information transfer such as water level in reservoir pus one spare data set.

3.1 Electromagnetic Flow Meters

Electromagnetic flow meter sensors shall be full-bore, in-line, double flanged units with remotely mounted transmitters. The transmitter shall provide local flow indication and 4-20 mA output. Sensors shall, unless otherwise specified, have IP 66 protection and transmitters shall have IP 67 protection.

Electromagnetic flow meters shall have polyurethane lined stainless steel tubes with either Titanium or Hastelloy C electrodes. Accuracy shall be +- 1% of flow or better. Rubber linings are acceptable for treated water applications.

Calibration shall be l/s unless otherwise specified.

3.2 Installation

The equipment shall be correctly installed, connected, adjusted and calibrated by competent persons. Calibration shall be done in the presence of the Engineer. The operation and signal transmission of meters against electromagnetic interference shall be provided.

The meter shall be installed with straight pipe length of 5xdiameter upstream and 2.5xdiam downstream of the meter. The complete meter installation shall comply with the manufacturer's instructions and specifications.

Grounding rings shall be supplied and installed if the application requires these.

3.3 Testing

A factory test calibration certificate shall be provided with each flow meter.

The flow meter shall be provided with simulation test unit for field verification of the measuring system without removal of the sensor. If more than one identical model flow meter is installed, two simulation test units shall be provided.

Yours faithfully

Director
Corporate Services

Date 9/5/23

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Note: Confirmation to the addendum 1: JAMESTOWN 5ML RESERVOIR:

CONFIRMATION

I ..... (Name) hereby declare on behalf of

..... (Company's name),

to agree/not agree (please encircle) to the above changes in the bidding documentation.

Address: ..... Tel no.: .....

..... Fax no.: .....

.....

Signature of bidder: .....

Please sign this addendum and hand in with your tender document as it will form part of this contract. Also return a copy of this signed page to Charl du Preez (dupreezc@jgafrika.com) as soon as possible as acknowledgement of receipt.