

Hessequa Municipality



MUNICIPAL SUPPLY CHAIN MANAGEMENT INVITATION TO SUBMIT CLOSED QUOTATION UPGRADING OF IRRIGATION CHANNEL – HEIDELBERG

RQ Nr: 56833

29 September 2017

Dear Sir/Madam

Please provide a written quotation for the supply of goods and / or services as detailed in the list attached.

The quotation must be submitted, on the official letterhead of your business, by the one of the following means for the attention of Ms Carisha Prins

- Email carisha@hessequa.gov.za
- Per Hand at the Hessequa Municipality SCM offices, Post Office Building, 19 Main Road, Riversdale, 6670

Quotations must reach the Municipality by no later than 12:00 on 12 October 2017

The following conditions will apply to all quotations:

- Prices quoted must be firm, inclusive of VAT and where applicable for delivery to the address indicated below. The total amount of the quotation must also be clearly indicated;
- Please refrain from quoting on goods that are out of stock or not usually stocked by your company, or indicate on your quotation that this is the case and what the delivery period on those items will be;
- If your quotation is accepted, goods and/or services must be supplied and delivered to the below mentioned address, accompanied by your delivery note and invoice (if possible);
- Quotations must to be valid for a period of 30 days;
- The delivery period must be indicated.
- The closed quotation is subjected to the General Conditions of Contract as contained in MFMA Circular 25 of 2005 and the conditions contained in Hessequa Municipal SCM POS section 3.2.4.

- If a quotation is submitted for the goods; services or works requested, you the supplier accepts the conditions of this quotation and that the goods; services and works will be supplied or constructed as per this quotation.
- A formal order will be issued to the successful supplier that will be a written instruction to the supplier to supply; deliver or construct as per specifications contained in this quotation.

If your quotation does not comply with above stated conditions, your quotation will not be considered.

If you have not received a response from the Municipality within thirty (30) days after the closing date of the quotation, please regard your quotation as unsuccessful.

Should you be interested in wanting to know to who the successful bidder was, you may consult our website at www.hessequa.gov.za where monthly reports on awards will be published.

Quotations will be evaluated and adjudicated in terms of the Preferential Procurement Policy Framework Act (Act 5 of 2000), The Preferential Procurement Regulations, 2017 and the Hessequa Municipality's Supply Chain Management Policy, for which 80 points will be allocated in respect of price and 20 points in respect of B-BBEE contribution.

It is estimated that prospective suppliers should have a CIDB contractor grading of 1GB OR 1CE OR higher.

The Municipality reserves the right to withdraw any invitation for closed quotations and/or to re advertise or to reject any quotation or to accept a part of it. The Municipality does not bind itself to accepting the lowest quotation.

Any Prospective Service Provider must make sure that they are registered and are valid on the Database of Hessequa Municipality and/or on the Centralised Supplier Database (CSD) and that they are in possession of a Valid Tax Clearance Certificate.

Please address any technical enquiries regarding the specifications to Mr E Thuizen
Tel: 028 713 8000 or any Supply Chain Management related enquiries to Ms Carisha Prins at
Tel: 028 713 7974.

A compulsory clarification meeting will be held on at the following:

| PLACE | TIME | DATE |
|---|---------|-----------------------------|
| HESSEQUA MUNICIPALITY NIEKERK STREET HEIDELBERG 6665 | 12:00PM | THURSDAY 05 OCTOBER 2017 |

Important note: a valid original or certified B-BBEE certificate must be submitted with the documentation. (MBD 6.1 Preference Points Claim form need to be completed to claim points. NB- Only points claims will be awarded. The MBD 6.1 is available from the municipal website at www.hessequa.gov.za under the tab SCM INFO AND REPORTS or at the Supply Chain Management offices at Post Office Building, 19 Main Road, Riversdale.)

UPGRADING OF IRRIGATION CHANNEL - LEIWATERSLOOT

SPECIFICATIONS:

The Hessequa Municipality requires all prospective suppliers to provide the following

Description

Irrigation channel repair, seal and installation of new tap outlet.

Scope of work

The project entails the channel repair, seal and installation of new tap outlets on the existing irrigation channels. All construction work must be done according to SANS 1200. Bidders need only to provide us with prices for labour as material will be supplied by Hessequa Municipality. No upfront payments will be paid to the contractor before construction commence. Progress will be approved by the Technical Department of Hessequa Municipality

The project comprise of the following:

Haigh Street

- Remove vegetation inside and alongside the irrigation channel, on stone pitching and on the sidewalk area.
- Preparation work on channel should be done before mortar is to be applied. (Channel should have a rough chipped texture before mortar is applied)
- Seal the irrigation channel with mortar (Crusher dust, cement and water) throughout the channel (bottom, sides and top):
Bottom is to be 20mm thick
Sides and top is to be 10mm thick
(Refer to the attached detail drawing: Annexure B)
- Seal the irrigation channel with rubber seal after mortar is applied (Bottom, sides and top).
- Repair stone pithing and reseal where cracks occur.
- Installation of 160mm PVC saddle connected to a 3.0m uPVC pipe with 100mm PVC tap.
- Backfill 2.5m uPVC pipe with stabilized sand.
- Cast concrete around the saddle and uPVC pipe as per attached detail (Refer to the attached detail: Annexure D&F).
- Installation of T-Junction.
- Installation of 90° elbows.
- Trimming of sidewalk from the road edge to the irrigation channel.

Burn Street

- Remove vegetation inside and alongside the irrigation channel and on the sidewalk area.
- Preparation work on channel should be done before mortar is to be applied. (Channel should have a rough chipped texture before mortar is applied)

- Repairing of existing channel wall with brickwork:

| Brick Layers | Street house number | Length(m) |
|--------------|--------------------------------|-----------|
| 1 | Burn street 31 | 6 |
| 2 | Burn street 33 | 9 |
| 1 | Burn street 33 | 4 |
| 2 | Burn street 39 | 23 |
| 1 | Burn street 41 | 11 |
| 4 | Burn street 47 | 5 |
| 4 | Burn street 47 | 8 |
| 4 | Burn street 49(1 x erf outlet) | 1 |

- Seal the irrigation channel with mortar (Crusher dust, cement and water) throughout the channel (bottom, sides and top):
Bottom is to be 20mm thick
Sides and top is to be 10mm thick
(Refer to the attached detail drawing: Annexure A)
- Installation of 160mm uPVC pipe:

| uPVC pipe | Street house number | Length(m) |
|-----------|---------------------|-----------|
| 160mm | Burn street 37 | 31 |
| 160mm | Burn street 43 & 45 | 53 |

- Building of 2 manholes with gullies for drainages purposes every 15m from the inlet at Burn Street 45 (Refer to Annexure G).
- Backfilling of 160mm uPVC pipe with gravel.
- Seal the irrigation channel with rubber seal after mortar is applied (Bottom, sides and top).
- Installation of 160mm PVC saddle connected to a 1.5m uPVC pipe with 100mm PVC tap.
- Backfill 1m uPVC pipe with stabilized sand.
- Cast concrete around the saddle and uPVC pipe as per attached detail (Refer to the attached detail: Annexure C&E).
- Trimming of sidewalk from the road edge to the irrigation channel.
- Resealing of precast ramps with mortar (Crusher dust, cement, water) at entrances of premises on the irrigation channel.

Van Riebeeck Street

- Remove vegetation inside and alongside the irrigation channel and on sidewalk area.
- Installation of a 110m, 160mm uPVC pipe.
- Installation of 160mm PVC saddle connected to a 1.5m uPVC pipe with 100mm PVC tap.
- Installation of 160mm Y-Junction every 35m.
- Backfilling of 160mm uPVC pipe with stabilized sand and a 30mm gravel layer.
- Cast concrete around the entrance and outlet of the uPVC pipe
- Trimming of sidewalk from the road edge to the irrigation channel with a 30mm gravel layer.

Fourie Street

- Remove vegetation inside and alongside the irrigation channel.
- Installation of a 50m, 160mm uPVC pipe.
- Installation of 160mm PVC saddle connected to a 1.5m uPVC pipe with 100mm PVC tap.
- Installation of Y-Junctions every 15m.
- Backfilling of 160mm uPVC pipe with stabilized sand and a 30mm gravel layer.
- Cast concrete around the entrance and outlet of the uPVC pipe.

Uys street

- Remove vegetation inside and alongside the irrigation channel.
- Installation of a 190m, 160mm uPVC pipe.
- Installation of 160mm PVC saddle connected to a 1m uPVC pipe with 100mm PVC tap.
- Backfilling of 160mm uPVC pipe with stabilized sand.
- Cast concrete around the entrance and outlet of the uPVC pipe.

EXISTING SERVICES

Treatment of existing services

- Any services encountered on site will be pointed out by the municipality. The municipality will ensure further instructions with regard to the treatment of these services.

Damage of services

- The Contractor shall be responsible for any damage to such existing services and works in the execution of this contract and shall reimburse the Municipality concerned for any repairs and damages.

CONTRACTOR RESPONSIBILITIES

- The contractor must obtain all way-leave approvals from Telkom and the Municipality before any excavation commence.
- All quantities need to be verified by the contractor and make allowance for any items not included in the schedule of quantities.
- Setting out of the work must be done by the contractor.
- The contractor must ensure that all workers are fully equipped with PPE.

Plant Requirements:

- Plant that will be used shall be suitable for the production of the end result required under the conditions applicable to the site.
- All tools and equipment is to be supplied by the contractor (Drill, spades, paint brush/roller, concrete mixer etc.)
- All equipment and vehicles used by the contractor for the movement of materials shall conform to the applicable road traffic ordinance.
- Drivers and operators must be in possession of a valid driver's license.
- Contractor should have sufficient labour/machinery/plant/tools and equipment to complete job successfully

- Plant that is operated on or over units that have been laid shall be such that it does not cause damage to or disturbance of the units
- All fuel to be supplied by the contractor.

Material Requirements

- All materials will be supplied by the Hessequa Municipality.
- The mortar and concrete should have a smooth finish
- Irrigation water outlet system should be fixed with concrete with a smooth finish.
- Minimum strength of concrete placed on 160mm saddle is 15MPa
- No bricks shall have any protuberance of height exceeding 3 mm.

SITE ESTABLISHMENT

Service and facilities provided by the employer

(i) Source of Water Supply

The contractor may make application to the municipality's water division for a clean water supply point, but shall bear all the costs for the installation of such supply point. Water used by the contractor from the employer's mains will be charged for at the tariffs ruling at the time of use. The contractor shall make himself thoroughly acquainted with the regulations relating to the use of water and shall take adequate measures to prevent the wastage of water. The contractor shall take note that no direct payment will be made for any costs incurred for the provision of a water supply point nor for the cost of water drawn. Payment for the aforementioned shall be deemed to be covered by the rates and prices tendered and paid for the various items of work included under the contract.

(ii) Source of power supply

The contractor is to make his own arrangements with the electricity department for a supply of electricity, if required, and shall pay establishment and consumption costs at the tariffs ruling at the time.

Facilities provided by the contractor

(i) Temporary offices

An office for the engineer is not required. Site meetings will be held as and when required.

(ii) Sanitary facilities

The contractor must supply a chemical toilet for use by his workmen.

Other facilities and services (Accommodation and transport)

- No housing is available for the contractor's employees and the contractor shall make his own arrangements for housing his employees or transporting them to and from the site. The contractor is in all respects responsible for the housing and transporting of his employees, and

for the arrangement thereof, and no extension of time due to any delays resulting from this will be granted.

ALTERATIONS, ADDITIONS, EXTENSIONS AND MODIFICATIONS TO EXISTING WORKS

- The contractor must familiarize himself of the position of all existing services and structures and report any discrepancies or services not to the municipality.

FEATURES REQUIRING SPECIAL ATTENTION

Safety regulations

- In terms of the applicable regulation of the Machinery and Occupational Safety Act –SABS 1200D-1988 clause 5.1.1.1 every excavation that is accessible to the public or that is adjacent to a public road the contractor shall safeguard and barricaded the area up to 1000mm. The contractor shall ensure that excavations are shored or otherwise made safe.

No additional payment will be made to the contractor for complying with these requirements.

Finishing and tidying

- Progressive and systematic finishing and tidying will form an essential part of this contract. Under no circumstances shall spoil, rubble, materials, equipment or unfinished operations be allowed to accumulate unnecessarily and in the event of this occurring the municipality shall have the right to withhold payment for as long as necessary in respect of the relevant works in the areas(s) concerned.

PLEASE INDICATE THE COMPLETION PERIOD

PRICING SCHEDULE:

| ITEM NO. | PAYMENT REFERS | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|----------|----------------|---|----------------|-------|------|--------|
| C.1 | SABS | <u>SITE CLEARANCE</u> | | | | |
| | 1200 C | | | | | |
| | | | | | | |
| C.1.1 | | CLEAR AND GRUB FOR: | | | | |
| | | a)Removal of vegetation inside irrigation channel | m ² | 333.5 | | |
| | | Haigh street : (611 X 0.3) | | | | |
| | | Burn street : (455 x 0.33) | | | | |
| | | | | | | |
| | | b)Removal of vegetation alongside irrigation channel from the road edge | m ² | 1842 | | |
| | | Haigh street : (611 X 2) | | | | |
| | | Burn street : (455 x 1) | | | | |
| | | Van Riebeeck street : (110 x 1.5) | | | | |
| | | | | | | |
| C.3 | | <u>SEALING OF CHANNELS AND ENTRANCE RAMPS</u> | | | | |
| | | | | | | |
| C3.1 | | SEALING OF IRRIGATION CHANNEL WITH MORTAR | | | | |
| | | a)Haigh street : $2(611 \times 0.25 \times 0.01) + (611 \times 0.3 \times 0.02) + 2(611 \times 0.15 \times 0.01)$ | m ³ | 8,6 | | |
| | | b)Burn street : $2(372 \times 0.25 \times 0.01) + (372 \times 0.35 \times 0.02) + 2(372 \times 0.15 \times 0.01)$ | m ³ | 8 | | |
| | | | | | | |
| C3.2 | | SEALING OF IRRIGATION CHANNEL WITH RUBBER SEAL | | | | |
| | | a)Haigh street : $2(611 \times 0.25) + (611 \times 0.3) + 2(611 \times 0.11)$ | m ² | 623.2 | | |
| | | b)Burn street : $2(372 \times 0.25) + (372 \times 0.35) + 2(372 \times 0.11)$ | m ² | 398 | | |
| | | | | | | |
| C3.3 | | REPAIR STONE PITCHING AND RESEAL WHERE CRACKS OCCUR | | | | |
| | | a)Haigh street : $2(134.5 \times 0.8)$ | m ² | 215.2 | | |
| | | | | | | |
| C3.4 | | SEALING OF ENTRANCE RAMPS | | | | |
| | | a)Burn street | m ² | 130 | | |
| | | | | | | |
| C4 | | <u>uPVC-pipes</u> | | | | |
| | | | | | | |
| C4.1 | | INSTALLATION OF uPVC PIPES | | | | |

| | | | | | | |
|------------------------------|--|---|----------------|-----|--|--|
| | | a)160 mm diameter Class 4 | | | | |
| | | Burn street | m | 84 | | |
| | | Fourie street | m | 50 | | |
| | | Van Riebeeck street | m | 110 | | |
| | | Uys street | m | 190 | | |
| | | | | | | |
| C5 | | <u>OUTLET SYSTEM</u> | | | | |
| | | | | | | |
| C5.1 | | INSTALLATION OF OUTLET SYSTEM | | | | |
| | | a)Installation of 160mm PVC saddle connected to a 2.5m uPVC pipe with 100mm PVC tap | NO | 21 | | |
| | | b)Installation of 160mm PVC saddle connected to a 1.5m uPVC pipe with 100mm PVC tap | NO | 24 | | |
| | | | | | | |
| C6 | | <u>CONCRETE WORKS</u> | | | | |
| | | | | | | |
| C6.1 | | Casting of concrete around the PVC saddle and uPVC pipe | m ³ | 2,5 | | |
| | | | | | | |
| C7 | | <u>BACKFILL</u> | | | | |
| | | | | | | |
| C7.1 | | BACKFILLING OF OUTLET SYSTEMS | | | | |
| | | | | | | |
| C7.2 | | BACKFILLING OF uPVC PIPES | | | | |
| | | a)Burn street | m ³ | 3 | | |
| | | b)Fourie street | m ³ | 7 | | |
| | | c)Van Riebeeck street | m ³ | 15 | | |
| | | d)Uys street | m ³ | 5 | | |
| | | | | | | |
| | | | | | | |
| C8 | | <u>BRICKWORK</u> | | | | |
| | | | | | | |
| C8.1 | | REPAIRING OF EXISTING CHANNEL WALL WITH BRICKWORK | | | | |
| | | a) Burn street | m ² | 12 | | |
| <u>TOTAL VAT INCL</u> | | | | | | |