



Tel: (011) 951-2039

Ref: Maloto Phogole (SCM)

(011) 951-2164

John Lavery (Pr. Eng)

REQUEST FOR FORMAL WRITTEN PRICE QUOTATIONS

Kindly furnish Mogale City Local Municipality with a written quotation for the supply of the following services: **Q W&S 03/2007:**

QUOTATIONS FROM EXPERIENCED SERVICE PROVIDERS FOR THE REHABILITATION OF A SINKHOLE ON PORTION 109 STERKFRONTEIN

Closing date and time: Friday 15 June 2007 12:00

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The quotation must be submitted on the letterhead of your business and can either be faxed or delivered by hand not later than the date and time as indicated on the attached schedule to:

**Mogale City Local Municipality
Civic Centre
Corner Market & Commissioner Streets, Krugersdorp
Upper Level West Wing – Reception Desk Electricity Sub-Directorate
Tender Box 1
Fax number: (011) 953-2547**

The following conditions will apply:

- Quotation documents available from website www.mogalecity.gov.za or from the Supply Chain Management Section (Maloto Phogole), Finance Dept, Civic Centre, Krugersdorp.
- Price(s) quoted must be valid for at least thirty (30) days from date of your offer.
- Price(s) quoted must be firm and must be inclusive of VAT.
- A firm delivery period must be indicated.
- A valid, original tax clearance certificate must be attached.
- This quotation will be evaluated in terms of the 80/20 preference point system as prescribed in the Preferential Procurement Policy Framework Act (No 5 of 2000) and for this purpose the **enclosed forms**:
 - **MBD 2: Tax clearance certificate;**
 - **MBD 4: Declaration of interest;**
 - **MBD 6.1: HDI preference points (10 points);**
 - **MBD 6.11: Promotion of enterprises located in Mogale (10 points)**must be scrutinized, completed and submitted together with your quotation.

IF THE MBD FORMS ARE NOT COMPLETED AND SUBMITTED WITH THE QUOTATION, THE TENDERER WILL FORFEIT THE 20 POINTS ALLOCATED IN TERMS OF THESE SPECIFIC GOALS

- The successful provider will be the one scoring the highest points.

NB: No quotations will be considered from persons in the service of the stateⁱ

PREVIOUS EXPERIENCE

Provide the following information on relevant previous experience (indicate specifically projects of similar or larger size and/or which is similar with regard to type of work).

| Description | Value (R, VAT excluded) | Year(s) executed | Reference | | |
|-------------|-------------------------|------------------|-----------|--------------|--------|
| | | | Name | Organization | Tel no |
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INFRASTRUCTURE AND RESOURCES AVAILABLE TO EXECUTE THIS PROJECT

Please attach a list of all infrastructure and resources available to execute this project.

Q W & S 03/2007: QUOTATION FOR THE REHABILITATION OF A SINKHOLE ON PORTION 109 STERKFONTEIN

The following information is relevant:

1. SINKHOLE OCCURRENCE.

A sinkhole developed on Portion 109, Sterkfontein in June 2005. Preliminary investigations revealed that a water leak in a pipeline situated in the servitude of the R563/N14 roads intersection (close to the Oaktree Zenex Filling Station) was the most probable cause of the sinkhole.

2. INVITATION TO SUBMIT PRICED QUOTATION.

You are hereby requested to submit a written quotation for the survey, design, documentation and physical works required to rehabilitate the sinkhole. It is adjacent to the boundary of Portion 109, Sterkfontein and the N14 road. **To obtain a locality map, please contact Mpho Lebele at (011) 951-2477 and she will fax the map to your offices.**

Your written quotation shall be in accordance with the Department of Public Works specification entitled "Appropriate Development on Dolomite: Guidelines for Consultants" (August 2003) with particular reference to Section PC: "Particular Specification for Sinkhole Repair" sub-sections PC1 and PC2, which cover, but are not limited to, the following general items of work:

3. GENERAL SCOPE OF WORK.

The following scope of work is relevant, noting that while every attempt must be made to quantify the work, the extent of certain parts of the work can only be determined once excavation have been opened up. Due allowance must be made for this aspect in the priced quotation.

- 3.1 Survey, measure and quantify with design and drawing work (to SANS standards) everything needed for rehabilitation of the sinkhole to the approval of Mogale City Local Municipality (MCLM) and its infrastructure engineering norms, standards and by-laws as required, observing the General Conditions of Contract for Construction Works 2004;*
- 3.2 Prepare quotation documents and obtain prices for the work from selected specialist contractors;*
- 3.3 Recommend to MCLM appropriate contractors' tenders for consideration of contract awards;*
- 3.4 On commencement of work on site, give notice to and maintain access for residents living on Portion 109, their equipment and vehicles on the above plot and observe safety and security measures for them;*
- 3.5 Ensure workers entering the sinkhole area wear safety harnesses attached at the surface, hard hats and protective boots in terms of the Occupational Health and Safety legislation and observe all Environmental legal and management recommendations;*
- 3.6 By inspection during the opening up of the affected are, ascertain if the beddings of any pipes and adjacent road or plot water course channels have been subject to subsistence or deterioration. If so*

the extent must be determined and suitable bedding material properly compacted must be provided in compliance with the Department of Public Works Report PW344 and all related SANS codes

- 3.7 Ensure that any "live" water supply, sewage pipes or electricity supply cables are secured and not damaged in any way in the vicinity of the work by earth moving or other plant and equipment;*
- 3.8 Establish a safe working area for machines and workmen in agreement with MCLM;*
- 3.9 Ensure that the working area is kept dry in rains;*
- 3.10 With suitable earth moving machinery (backhoe, excavator loader, tipper etc), remove all loose material in the sinkhole-damaged area to a depth of at least 3 m or as agreed with MCLM and take off site to an approved tip area;*
- 3.11 Ensure that sidewalls are battered back to a 45° angle of the excavation, where not formed by dolomite pinnacles;*
- 3.12 Ensure suitable (hard and durable) boulders are combined with approved cement/soil slurry to choke the throat of the sinkhole which will be allowed to set firmly. 10 MPa Concrete may be used as an alternative to the slurry if so desired and by way of curing, keep continuously wet for seven days;*
- 3.13 Ensure the sinkhole is backfilled with an inverse filter by using coarse granular material (G7 standard) at the base and then progressively finer granular materials towards the top;*
- 3.14 Ensure backfilling is completed in 150 mm layers with compaction to 90% modified AASTHO by small mechanical compactors;*
- 3.15 At a depth of 0,5 m below surface, the affected area should be over-excavated laterally for a distance of 3 m beyond the original sinkhole/virgin soil boundary. This larger excavation will be backfilled and compacted to create a toadstool-like body of re-compacted earth. The upper 0,5 m thick, (laterally) extended layer will act as an "umbrella", protecting the underlying rehabilitated sinkhole and immediately adjacent virgin sub-surface profile. This adjacent subsurface profile (usually characterized by poor conditions needing remediation) shall have a 5 degree slope from the centre of the "umbrella" to its sides;*
- 3.16 Plant the whole "umbrella" area with Kikuyu grass and re-instate plot garden plants;*
- 3.17 On satisfactory completion of the work, certify the work by a Registered Professional Engineer with geo-technical experience and provide "as built" drawings.*

4 COMPULSORY ATTACHMENTS TO BE COMPLETED (Also available from website).

4.1. Form MBD 2: Tax Clearance requirements

4.2. Form MBD 4: Declaration of interest:

4.3. Form MBD 6.1: Preference Points Claim Form in terms of the Preferential Procurement Regulations 2001 (Purchases of Goods and Services)

4.4 Form MBD 6.3: Promotion of Small Business

4.5 Form MBD 6.11: Promotion of Enterprises Located in Mogale Area

5 SITE INSPECTION

Mr John Lavery will meet prospective bidders on Friday 8 June 2007 as from 9:30 at the Oaktree Zenex Filling Station (The sinkhole is adjacent to the boundary of Portion 109, Sterkfontein and the N14 road) to conduct a site inspection and briefing session at 10:00 on site with interested bidders.

6 QUOTATION CLOSING DATE:

Quotations complete in all respects shall be submitted on:

Date: Friday 15 June 2007

Time: 12:00

Tender Box: 1

Tender boxes are situated at the reception desk of the Sub-Directorate Electrical Services, situated on the upper level of the West Wing of the Mogale city Civic Centre, corner of Market and Commissioner Streets in Krugersdorp.

7. MOGALE CITY CONTACT PERSON:

Please direct any queries to:

John Lavery Pr. Eng.
Engineering Advisor PMU
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Krugersdorp
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Cell 082 758 6530
Email Mogale City: john @mogalecity.gov.za
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