

AMAJUBA DISTRICT MUNICIPALITY**INVITATION TO REGISTER ON THE PANEL OF SERVICE PROVIDERS FOR HIGH PRESSURE JETTING MACHINE SERVICES FOR A PERIOD OF THREE (3) YEARS**

Amajuba District Municipality hereby invites service providers with high pressure jetting machine to submit applications to be registered on Amajuba District Municipality's panel of service providers for the provision of high-pressure jetting machine within Amajuba District areas as and when required. The service providers must be registered on the Central Supplier Database (CSD) with CIDB Grading of 2SO or higher class of construction works.

TERMS OF REFERENCE are available from Amajuba District Municipality Offices during normal working hours, B9356, Amajuba Building, Section1, Madadeni, 2951 or can be downloaded from website www.amajuba.gov.za or www.etenders.gov.za

Completed applications in sealed envelopes endorsed "**Panel: High-Pressure Jetting Machine services**" must be deposited in the Municipality's tender box located at the Reception of the Amajuba District Municipality on or before the closing date, whereby applications will be opened in public. Applications that are not clearly marked, received after the due date and time will not be considered.

All technical enquiries should be directed to **Mthembeni Jiyane** on 034 3297200 or by email: mthembenij@amajuba.gov.za and for enquiries regarding the Supply Chain Management procedures, kindly contact **Henry Mthembu** on the same number or by email: henrym@amajuba.gov.za.

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Closing date: Thursday, 29 August 2019 @12h00 noon


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MR S.R ZWANE
MUNICIPAL MANAGER





TERMS OF REFERENCE FOR PANEL OF SERVICE PROVIDERS FOR HIGH PRESSURE JETTING MACHINE SERVICE AS AND WHEN REQUIRED.

1. BACKGROUND

Amajuba District Municipality is looking for service providers with High Pressure Jetting Machine to register on Amajuba District Municipality's panel for service providers for provision of High-Pressure Jetting Machine within Amajuba District areas as and when required. The validity of the service providers' existence on the panel of service providers shall be for the period of three (3) years. The request is hereby made for the submission of service provider profile for registration in the Amajuba Jetting Machine Service panel. Service Providers must be registered with CIDB 2 SO or Higher Class of Construction Works.

2. OBJECTIVES

Amajuba District Municipality intends to act urgently on sewer lines blocked to avoid sewer spillages in the Amajuba District.

3. REQUIREMENTS

- 3.1. CIDB 2 SO or Higher Class of Construction Works.
- 3.2. Copies of proof of licensing and the ownership should be submitted along with your tender document.

4. CONDITIONS OF PANEL.

4.1. BID DOCUMENT LAYOUT.

This tender document is divided into several sections. Please read through all the sections. In particular, the Conditions of Tender are most important, as they contain several new clauses in the light of the procurement policy and please take note of the conditions of tender and the list of required documents to be handed in, seeing that non-adherence to these requirements can lead to non-responsiveness of tender.

4.2. SUBMISSION

Your completed tender document must be placed in a sealed envelope, and the contract number and name of the contract written clearly on the outside. The envelope must be deposited, In accordance with the instructions in the Tender Advertisement. It is the Service Provider's responsibility to ensure that their bid is deposited in the correct tender box. No bid document delivered at any other venue or tender box than the mentioned one will be considered.

4.3. SCOPE OF CONTRACT

High-pressure Jetting Machine for cleaning of sewer lines and storm water pipelines for Dannhauser and eMadlangeni Local Municipality's

4.4. PANEL VALIDITY PERIOD.

The panel listing validity period is valid for 36 months.

4.5. ACQUAINTANCE WITH TENDER DOCUMENTS

By submission of a tender, the Tenderer will be deemed to have acquainted himself/herself fully with the tender documents, local requirements and the laws prior to pricing and submission of tender.

5. CLEANING OF SEWER PIPELINES

5.1 SCOPE

This specification and covers the requirements for the routine and emergency cleaning of sewer pipelines including manholes, and cleaning of blocked sewers using high pressure water jetting equipment on an "as and when" required basis.

5.2. SERVICING SPECIFICATIONS FOR CLEANING OF SEWER PIPELINES

5.2.1. Cleaning Operation

5.2.1.1. The sewer cleaning includes the cleaning, unblocking and removal of sand, sediment, grit, fatty deposits, slime, sludge, tree roots and other foreign matter. All silt, debris deposits on pipe walls, etc. must be removed completely.

- 5.2.1.2.** The Service Provider shall consider all, circumstances, type of sewers, age and working environment appropriately and select the appropriate jetting nozzle and flow rate.
- 5.2.1.3.** Care shall be taken to avoid excessive pressures when using jetting equipment in corroded or damaged pipelines to avoid further damage. The minimum pressure necessary to clean the sewers must be used to avoid any structural damage to the sewer.
- 5.2.1.4.** All foreign material such as rags, fats, bacteriological slimes, roots, soft encrustations and grease shall be removed. The Service Provider shall continuously inspect the removed debris to ensure the correct machine and nozzles are used. A record of the type of debris shall be kept allowing the Engineer and Employer to consider certain sewers for proactive cleaning programme.
- 5.2.1.5.** The Service Provider shall specifically record sewers containing sediment, fat, oil and grease build-up.
- 5.2.1.6.** All material shall be collected by means of a sand-trap, weir, dam, elbow or blocking device in the downstream manhole and the debris shall be removed from the pipeline.
- 5.2.1.7.** The Service Provider shall not allow cleaning material to pass further than the downstream manhole.
- 5.2.1.8.** The Service Provider shall implement all the necessary safety measures and provide the lights, guards, fencing and watching necessary for the safety and convenience of the public.
- 5.2.1.9.** Manholes covers, and frames are to be cleaned before closing and the cover properly seated in the frame.
- 5.2.1.10.** The stationary time of a nozzle shall under no circumstances exceed one minute and where blockages in a single location are problematic, the nozzle shall be moved forwards and backwards to ensure that the stationary time at a fixed point does not exceed one minute.

5.2.2. Disposal of Material

The waste material shall be removed and transported to the Waste Water Treatment Works in the case of sewer pipelines.

5.3. HEALTH AND SAFETY

5.3.1. Occupational Health and Safety Act 1994 (Act No. 85 of 1993)

5.3.1.1. The Service Provider shall comply with the Occupational Health and Safety 1994(Act no. 85 of 1993) and with its Construction Regulations of 2014.

5.3.1.2. All the works included in this Contract shall, for the purpose of complying with the OHS Act and the Construction regulation, be deemed to be "construction work".

5.3.1.3. It should be noted that, with a few exceptions, the Standard Specifications and the Project Specifications are "product specifications" and not "method specifications". As the method of construction to be used are generally determined by the Service Provider, detailed safety requirements applicable to all the operations to be carried out on Site are not provided in the project documentation. The Service Provider shall apply all the relevant safety requirements to the work methods and materials used.

5.3.2. Protective Equipment

The Service Provider shall provide all his/her workers with all necessary protective clothing for use at all time when in direct contact with the sewage debris/silt material.

5.3.3. Hazardous gasses

All Service Providers who will be working with live sewers shall be required to observe those sections of the OHS Act and Regulations which deal with working in confined spaces and dealing with hazardous gasses. All manholes and sewers shall be tested for hazardous gasses on a continuous basis to ensure worker safety. The Service Provider shall ensure that the necessary functional gas testing equipment is always available on site. Breathing apparatus shall be available as and required.

5.3.4. Vaccination certificates

The successful Bidder will be required to provide proof of applicable vaccination certificates on request to ensure the health and safety of all field employees.

5.3.5. PERSONNEL

5.3.5.1. The Service Provider's approved representative for cleaning shall be in attendance during all cleaning operations

5.3.5.2. The attention of service providers is particularly drawn to the high standard of workmanship applicable to this contract.

5.4. VEHICLES, PLANT and EQUIPMENT

5.4.1. Roadworthy, license and identification

- 5.4.1.1.** All vehicles to be used for this contract are to be roadworthy and licensed for use on public roads at all times and must make provisions for the safe and lawful transportation of workers. Those vehicles used to transport debris removed from sewers must be able to do so in a safe and non-offensive manner and must have the Service Providers name and telephone number prominently displayed. All vehicles to be used for this contract must conform to the Road Traffic Act RTA, Act 93 of 1996.
- 5.4.1.2.** All vehicles, plant, machinery, equipment and containers used on this contract must be in a serviceable condition and must be readily available for inspection to ensure that it is to specification and must meet with the approval of the employer.
- 5.4.1.3.** Extreme care must be taken to prevent any spillage and suitable tools shall be available to immediately clean up any spillage.
- 5.4.1.4.** A combination Jetting Machine and Vacuum Tanker must be provided.
- 5.4.1.5.** The jetting machine shall be capable of providing a variable jetting pressure of at least 150 bar at a flow rate of at least 220 liters per minutes, measures at the pump.
- 5.4.1.6.** The jetting machine hose shall be a minimum of 19mm nominal in diameter with a minimum length of 120 meters. The jetting hose shall be wound onto a hose reel, which is power driven in both directions.
- 5.4.1.7.** The unit must carry a full range of nozzles, including forward blasters for breaking blockages and route cutting equipment.
- 5.4.1.8.** The jetting machine water tank must be filled through an approved pressure break, which shall be a minimum of twice the feed in diameter above the spillover level.
- 5.4.1.9.** The vacuum unit shall have Airflow or Roots type blowers providing suction via a 100mm minimum diameter suction pipe that shall effectively pick up wet and dry materials from a depth up to 5 meters.
- 5.4.1.10.** The combination unit must have separate debris and water tanks with a minimum 5 m³ and 4 m³ capacities respectively.
- 5.4.1.11.** Debris tanks must be tightly sealed to avoid liquid leaking out of the vehicle onto roads during transportation.
- 5.4.1.12.** The debris tank shall have hydraulically operated door and shall discharge the solids by means of tipping or a hydraulic ran.

5.4.1.12.1. Each combination unit shall carry the following minimum equipment apart from the tanks, pumps, hoses and jetting equipment required above:

5.4.1.13.1. Safety/first aid kit

5.4.1.14.2. Manhole lifter

5.4.1.14.3. Pick, Space, Sledge, hammer, broom

5.4.1.14.4. Retro-jet

5.4.1.14.5. Pointed or penetrating nozzle (forward blaster)

5.4.1.14.6. Rotating nozzle or chains flail

5.4.1.14.7. 10m minimum lay flat hose for the water tank

5.4.1.14.8. 10m minimum lay flat hose for decanting the liquid from the debris tank

5.4.1.14.9. Elbow or similar blocking device to prevent material being washed downstream

5.4.1.14.10. Metered standpipe

5.4.1.14.11. Traffic cones and delineators

5.4.1.14.12. Traffic accommodation signs

5.4.1.14.13. Gas detector

5.4.1.14.14. Torches and mirrors for inspecting sewers

5.4.1.15 A notice will be issued to prospective bidders to present vehicles for verification /identification before tenders will be awarded.

5.5. AVAILABLE FACILITIES

5.5.1. Facilities

No toilet, water, electricity or storage facilities are available, and the Service Provider is to make his own arrangements with regard thereto.

5.5.2. Water Supply

The Service Provider shall make his/her own arrangements for the supply of water for the operation. Only Council metered standpipes shall be used, and these can be obtained from the municipality against a deposit. Normal charges will be levied for water consumption.

5.7. SPECIAL CONDITIONS.

5.7.1. Awarding of tender

The municipality will award the tender as an when required by requesting quotations from the approved panel of service providers.

5.7.2. Supply all equipment

Service Providers are to supply all equipment required to undertake and complete the work as specified and no additional payments will be entertained.

5.7.3. Damage to infrastructure

The apparatus and methods used shall not cause any damage to pipes, manholes, property or fixtures and any damage as may be caused will be repaired by the Council at the Service Provider's expense.

5.7.4. Cease work

The Council's representative may instruct the Service Provider to cease work if the desilting method is deemed to be unsatisfactory, a danger or inconvenience to the public.

5.7.5. Communication

The Service Provider is to provide his supervisory and operational staff with cellular phone for communication and contact purposes for the duration of the contract.

5.7.6. Office Hours

Site office hours are 07h30-16h15 on weekdays for administration purposes.

5.7.7. Subcontract

No subcontracting will be allowed.

5.7.8. Signing off- of task

The Service Provider shall, prior to departure from site, advise the relevant Council representative of completion of the task. The Council representative will have sole discretion if the work has been completed satisfactorily and will be required to sign off the worksheet for the task.

6. RETURNABLE DOCUMENTS.

Service providers are required to submit the following:

1. Proof of company registration
2. Certified ID copies of all members/directors of company or sole proprietor.

3. Bank details (together with an original cancelled cheque/ bank stamp or original letter from financial institution)
4. Original or certified copy of valid B-BBEE status level verification

TERMS OF REFERENCE APPROVED/NOT APPROVED



MR S. ZWANE.
MUNICIPAL MANAGER