



ALFRED NZO

DISTRICT MUNICIPALITY

TERMS OF REFERENCE

SUPPLY AND DELIVERY OF ABOVE GROUND 23000 LITRES DIESEL TANK: MBIZANA WTW (NOMLACU)

2022/2023 FINANCIAL YEAR

Issued and Prepared by:
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1. BACKGROUND AND OVERVIEW OF THE PROJECT

1.1 INTRODUCTION

Alfred Nzo District Municipality has satellite offices around the District and stores is responsible for storage and distribution of fuel, particular diesel.

1.2 OVERALL AND SPECIFIC OBJECTIVES OF THE PROJECT

1.2.1 Overall objective

The overall objective is to supply and delivery of a 23 Cubic metre (23 000 Litters) diesel tank in Alfred Nzo District Area.

1.2.2 Specific Objectives

ANDM seeks to appoint a suitable service provider to Supply and Deliver a 23 Cubic metre (23 000 Litres) diesel tank. ANDM has water pumps stationed in different locations around the Alfred Nzo District, these water pumps are operated with diesel engines. Due to vast distances that have to be travelled in distributing fuel to these destinations, the Municipality has decided in installing diesel tank in the town mentioned above. This will reduce the turn-around times for the distribution of fuel to all relevant water schemes.

2. SCOPE & EXTENT OF WORK

The tank will be delivered to: Mbizana (Nomlacu WTW) ANDM Stores.

Detailed P&ID – from OEM (original Equipment Manufacturer)

- Transportation Method statement (i.e. rigging, transportation to site and etc.) from OEM to ANDM Mbizana (Nomlacu wtw) site:

- Quality control done post transportation – from OEM to ANDM Sites
 - Proof of load test certificate
 - Internal Piping Dimensions Compliance Review Final Report
- a) Supply and deliver 23M³ above ground cube tank (23000 Litres) and install.
 - b) Diesel tank must be fabricated from high grade S355JR Steel C/W a 5mm inner wall thickness and 5mm outer tank wall thickness. An inner tank must contain the initial volume of liquid. In the unlikely event that this tank develops a leak the outer tank will prevent the liquid from escaping into the environment
 - c) Design and fabrication must be in accordance to AS1940/AS1692 as tank for static storage
 - d) Design and fabrication must be in accordance to SANS 10131
 - e) The tank must have a capacity of 110% of volume and all seams must be welded to regulated standards
 - f) Cube tank must be designed with an easy removable inner tank for maintenance and inspection
 - g) Overall protection valve / Anti syphon valve and overflow alarm unit
 - h) The tank (Diesel Bowser) should be a fixed self-bunded unit, meeting the minimum specifications below and mounted securely at our premises located in Mbizana (Nomlacu WTW).
- The service provider will be required to liaise with ANDM Project Manager and ANDM stores officials regarding the roll out and instructions in terms of operating the mechanisms

3. • The tank should be compliant with industry standards, including SANS for safety and insurance purposes.

4. BILL OF QUANTITIES

All items to be priced fully inclusive of all charges: including VAT

Item No.	Description	Unit	Qty.	Rate	Amount
1.	<p>Supply, deliver, commission and install 22m³ A/G (23000 Litres) Diesel Tank</p> <ul style="list-style-type: none"> • The outer tank will hold 110% of the inner tank's capacity • Lockable hatch lid with access for hoses, under hatch sockets and suction spears can operate with the hatch closed • Additional 50 mm (2") hose entry and exit sockets on top of tank • 4 X way forklift pockets • Incremental dipstick • Stackable 3 –high empty and 2-high when full • Supplied with all required statutory decals <p>Features with</p> <ul style="list-style-type: none"> • 1 x 25mm (1") Suction Spear • 2 x 13mm (1/2") Suction Spear • 3 x 40 mm (1 ½") Return Point • 1 x Spare 80mm (3") Socket • 4 x Spare 50mm (2") Socket Top of Tank • 50mm (2") Fill point pipe must be at least 1.1m to prevent static – splash fill only • Certified lift full crane lugs on each corner • Finish Painted Petro white Marine specification • Pre fit 1x 50mm (2") Overfill Valve 				
2.	Delivery costs and Labour				
3.					

4.					
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11.					
12.					
13.					
14.					
15.					
Total Exclusive VAT					
VAT @ 15%					
Total Inclusive VAT					

STANDARD FIXTURES AND ACCESSORIES

- High level alarm
- Fuel suction line c/w isolation control with ant-syphon foot valve
- Fuel returns line c/w isolation control
- Filler breather port
- Atmospheric vent with emergency relief vent
- Bund dip
- Anti-theft alarm sensors system

DELIVERABLES

Supply and deliver install 23m³ Above Ground Cube Tank (23000Litres)

1. Labour Technician / Engineer and Technical Assistance
2. Provide programme of works

ENVIRONMENT

Competent Persons

It is definite requirement that competent technicians/engineers MEI be used to install the tank. The names, qualifications and experience of the persons shall be submitted to the Municipality

The system requires competent persons with in-depth experience of the following fields:

- a) Electrical installations system SANS 0142 (Master electrician installer)
MEI
- b) SANS 10400 – The application of the National Regulations
- c) SANS 10131

Labelling and Signage

All equipment shall have a unique number of a permanent label and fixed to the equipment, design and operating information.

System Features

Dimensions of the Self-Bunded Tank (A/G)

- 23M³ (23 000 *litres*) above ground Cube Tank.
 - (i) – 10c to 40c
 - (ii) 5% - 95% Non-condensing

- **Other Work**

Construction and electrical works required for the contract should be carried out by persons registered with the CIDB/DOL or relevant regulatory bodies. The contractor is however responsible to identify the work to be done by others and to inform the appropriate parties that the work needs to be done. The contractor shall also follow up on the progress of the work and expedite the work if necessary.

The prospective service providers must include/indicate anything he/she supposes to be an omission to the above in his submission so that the service will be provided the industry standards. Care must be taken not to damage electrical circuits, electronic circuits, paintwork and other components during mounting.

Guarantee period for the installed tank, including all mechanical should at least be 12 months.

The whole installation shall be carried out in accordance with the South African Bureau of Standards code of practice for the application of National Building regulations and Occupational Health and Safety Act 85 of 1993 as amended.

5. PROJECT TIME FRAME

The project time frame for the supply, delivery and installation is 1 month from the date of appointment of the service provider.

6. KEY OUTPUTS/PROJECT MILESTONES/DELIVERABLES

Installed fuel tank that is in compliance with all applicable standards, including safety and environmental measures

7. REPORTING MECHANISM

It is expected that progress meetings will be held on site with the successful service provider and reports will be submitted to ANDM. The Project Manager has the right to change the frequency of reporting as and when necessary.

8. SUBMISSION OF QUOTATIONS

Quotations must be placed in a sealed envelope and clearly marked: **“SUPPLY AND DELIVERY OF ABOVE GROUND 23000 LITRES DIESEL TANK: MBIZANA (NOMLACU WTW”**

And placed in the Bid box in the Alfred Nzo District Municipality not later than 10H00 on the _____

9. CAPACITY TO EXECUTE THE WORK

Evaluation criteria of the Quotations;

The bids will be evaluated in two stages, namely:

- Stage 1- Capacity to Execute Work
- Stage 2- Price and Specific Goals

Only Bidders who score 70% or more on stage 1 would be evaluated further and therefore eligible for the award

ITEM	Score
STAGE 1 OF EVALUATION – CAPACITY TO EXECUTE THE WORK	100
• Previous Experience	50
• Capacity and Expertise	50
Total Scoring	100

Price and Preference

Quotations will be evaluated according to the 80/20 Point System in compliance with Preferential Procurement Policy Act (5/2000) and Preferential Procurement Regulations 2022.

Preferential Procurement Goals	Proof to be Attached to Claim full Points	Points
Price	N/A	80
Specific Goal		20
Bidders will score Specific Goals as follows		
Empowerment of Women	Attach ID Certified Copies of Directors Claiming Specific Goals; for Bidders to obtain full points the percentage of equity held must be 51% or more	6
Youth	Attach ID Certified Copies of Directors Claiming Specific Goals; for Bidders to obtain full points the percentage of equity held must be 51% or more	5
Disabled	Attach a Signed Letter from Health Practitioner	4
Black Owned Companies	Attach CK and ID Certified Copies of Directors Claiming Specific Goals; for Bidders to obtain full points the percentage of equity held must be 51% or more	5
Total Scoring		100

Previous Company Experience	
Note: The scoring in this section is not cumulative	
Traceable record for successful completion of a minimum of 03 or more supply delivery and installation of fuel tanks to the value of R 100 000.00 each	50

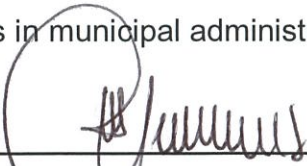
Traceable record for successful completion of a minimum of 02 or more supply delivery and installation of fuel tanks to the value of R 100 000.00 each	40
Traceable record for successful completion of a minimum of 01 or more supply delivery and installation of fuel tanks to the value of R 100 000.00	30
Total Scoring	50
<p>Note COMPULSORY attachments for verifying work done:</p> <p>1. The ANDM Assessment Bidder Form must be completed, stamped, and signed by the previous employer as a means of verifying references for each project undertaken. If 3 Projects were done, 3 Assessment bidder forms must be completed.</p> <p>2. In ADDITION to the above, a traceable record will be evaluated on the basis of:</p> <p>- An Appointment Letter or Official Purchase Order</p>	

Capacity and Expertise to Undertake the Project	
Note: The scoring in this section is preferably cumulative, unless justifiable to the Specification Committee	
SANS Compliance Certificate (safety requirements and quality assurance)	20
Original Equipment Manufacturer - OEM certificate	20
The service provider must be accredited with certificate from ECB/Master installer Electrician (DOL)	10
NB: Attach CV and certified copies not older than 3 months for all qualifications	50
Total Scoring	[20 +20+ 10]

- For any queries regarding this tender, please contact Mr A.Nqakwana and Ms AS.Cele for technical related queries; on (039) 254 5000 or;
- Mrs N. Cezu for SCM related queries at telephone number 039-254-5059 during office hours.

Alfred Nzo district Municipality
Erf 1400 Ntsizwa Street
Mount Ayliff
4735

Yours in municipal administration,



MRS UP MAHLASELA
CHIEF FINANCIAL OFFICER

Approved/Not Approved



Mr. L. Mdutyana
BSC Chairperson

Comments by Chairperson:

*Supply & delivery of Above Ground
23 000 litre tank i Mbizana (Nomlaca)*