



ALFRED NZO

DISTRICT MUNICIPALITY

TERMS OF REFERENCE

SLUDGE MANAGEMENT PLAN FOR MOUNT FRERE WASTE WATER TREATMENT WORKS

EMPLOYER:

Alfred Nzo District Municipality
Ntsizwa Street
Mount Ayliff
4735

MUNICIPAL MANAGER- Z. H SIKHUNDLA

CONTACT PERSON: X MASIZA

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1. INTRODUCTION

The Directorate of IDMS in Alfred Nzo District Municipality (ANDM) is facilitating the sludge management plan for Mount Frere Waste Water Treatment Works. Municipal Systems Act 32 of 2000 emphasises on the role of the municipality to provide clean and safe environment that will promote sustainable development.

2. BACKGROUND

The project resulted from the mandate that the Alfred Nzo District Municipality (ANDM) must play a role in ensuring the safe environmental management practices. In terms of National Water Act, 1998 (Act No. 36 of 1998) also provides for measures to prevent, control and remedy the pollution of surfaces. Waste is defined in the Act as any solid material that is suspended.

The Alfred Nzo District Municipality (ANDM) undertakes pro-active measures in developing sludge management plan to address the critical issues:

- sludge handling and sludge disposal
- Management and classification of sludge.

The plan is developed to ensure the safe use and the disposal of sludge

3. PROJECT NAME

Sludge Management Plan for Mount Frere Waste Water Treatment Works in Alfred Nzo District Municipality

4. PROJECT DESCRIPTION

4.1 AIMS AND OBJECTIVES OF THE PROJECT

The main objectives of the project are:

- To select an appropriate management options for a specific sludge system.
- Implement the requirements pertaining to specific management options selected; these include operational and legal requirements.
- Implement the monitoring requirements for the selected options.

4.2 SCOPE AND EXTENT OF WORK

A successful Service Provider will assist the Alfred Nzo District Municipality in the following items:

- Sludge classification.
- Legal requirements for onsite and of-site disposal of sludge.

- Develop methods for handling and disposal of sewage sludge.
- Sludge analysis.
- Quantification and characterisation of faecal sludge.
- General restriction and requirements applicable to land disposal options.
- General information on sludge co-disposal on landfill.

4.3 COMPONENTS OF THE PROPOSAL

The project proposal must contain the following but not limited to:

- Comprehensive company profile and contact person to be responsible for the project and further indicate the names and CV of the professionals to form part of the consortium
- Clear timeframes for completion of said tasks/ activities
- Clear project budget aligned to the tasks or activities or deliverables.

5. PROJECT MANAGEMENT

In case where the appointed service provider appoints the services of other consultants or sub-contractors, the appointed service provider will take responsibility of the work of the sub-contractors. The project to be co-ordinated by the WSA-Environmental official from the Alfred Nzo District Municipality as well as the appointed service provider. A project team leader/ management will act as a liaison party between the service provider and the municipality.

6. EDUCATION AND CAPACITY BUILDING

The appointed service provider will be required to transfer skills and share knowledge on use and maintenance of mechanical and electronic water meters to the technical officers of the institution during the project lifespan. For monitoring purpose it is advisable that during the site visits and other tasks the municipal officials be involved to ensure the credibility of the job.

7. ROLE OF A SERVICE PROVIDER

- The successful supplier will be required to undertake amongst others the following tasks as part of the exercise:
- Must provide a strong reliable project team.
- Must provide strong and reliable equipment

- Prepare supply and delivery plan

8. REPORTING MECHANISM

It is expected that regular progress reports be presented to the Operational Team of the Infrastructure Department of ANDM. The Project Manager has the right to change frequency of reporting whenever necessary to do so. Reporting process will be in both written and presentation format.

9. CRITERIA FOR SELECTION

In terms of this policy, the project will follow a full tender process of 80/20. In addition, the following criteria will be considered:

Proposals will be evaluated based on the following criteria (100)

ITEM	Weight
STAGE 1 OF EVALUATION – FUNCTIONALITY	
Functionality	100
• Qualification	50
• Methodology	30
• Experience	20
STAGE 2 OF EVALUATION – PRICE & PREFERENTIAL POINT	
BBBEE POINTS	20
Price	80
TOTAL	100

Functionality	Weight
Qualification	50
The team with the following qualifications will get full points (50): civil engineering, environmental management/science, chemical engineering. (proof of qualifications to be attached)	50
The team with any two of the above qualifications will get a maximum point of	30

30 points(proof of qualifications to be attached)	
The team with only one of the above qualifications will get a maximum point of 20 points(proof of qualifications to be attached)	20
METHODOLOGY	30
❖ 30 points for brief report which cover:	
✓ Procedures on assessment of water treatment works and wastewater treatment works.	20
✓ Relevant legislations on operation of water treatment works and wastewater treatment works.	10
EXPERIENCE	20
❖ Service provider who has undertaken three projects in sludge management, maximum of 20 points may be awarded.	20
❖ Service provider who has undertaken two projects in sludge management, maximum of 15 points may be awarded.	15
❖ Service provider who has undertaken one project in sludge management, maximum of 05 points may be awarded.	5

Bidders scored less than 70% of points allocated for functionality will not be considered further for price.

For any queries regarding this terms of reference, feel free to contact Ms B Khathali or Ms N Chonco on telephone number 039-254-5089/5069 during normal office hours.

BID ENQUIRES

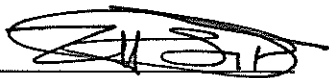
Enquiries should be directed to:

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Mr. Z H SIKHUNDLA
MUNICIPAL MANAGER