

**CS1 of 2018**

**PROGRESS REPORT ON ENVIRONMENTAL PROTECTION AND INFRASTRUCTURE PROGRAM PROJECT ON UPGRADING OF ODENDAALSRUS LANDFILL SITE (ED: CS) (10/14/1)**

**PURPOSE**

The purpose of this item is to report to the Section 80 Committee Meeting about the Environmental Protection and Infrastructure Program (EPIP) project on the Upgrading of Odendaalsrus Landfill Site.

**BACKGROUND**

The mandate of the Department of Environmental Affairs denotes from the National Constitution Section 24 (b) that states that all South Africans have the right to an environment that is harmless to their health or well-being, and to have the environment protected for the benefit of present and future generations.

The Department of Environmental Affairs in consultation with Basadzi Pele Management Consulting and Services cc presented the document on how the implementation of the Odendaalsrus Landfill Site Project is going to unfold. The Department introduced the Project and the Implementers to the Community Services Directorate and the Local Economic Development Directorate. The Department of Environment Affairs elaborated the presentation document to the understanding of the concerned departments and the roles each department will be assigned with during the project process.

The Department sponsored the project through the program called “Working on Waste” as it is the focal point on which the expectation of sustainable livelihood is going to be achieved. Promotion of Environmental Education Awareness would be delivered to the Communities as they are waste generators.

**DISCUSSION**

The purpose of Environment Protection and Infrastructure Programs was discussed in which states that the program is designed to manage the identification, plan and implementation of the project. It also emphasized that the project is labour intensive targeting the Unemployed youth, women, people with disabilities and SMME’s.

The EPIP is part of the EPWP and its program focus is mainly on labour intensive projects. The projects are constituted by requirement of 35% to 45% of Budget for wages even though Treasury requires 60%.

The project was not implemented as anticipated due unforeseen technical challenges. The Department of Environmental Affairs has recently approved all technical requirements and budget allocation for the project in AUGUST 2015. The first meeting of Project Advisory Committee was held in September 2015 to clarify the logistics pertaining to the resumption of the project.

## **PROGRESS**

The project is approximately 95% complete. The Buy-Back Centre; Guard Room is 100% completed. Fence is about 80% complete; electricity installation is 80% as material is procured and just need to be installed. Steel Bins are procured and must be delivered and installed in Kutloanong at strategically identified points for collection of recyclable material destined for Buy Back Centre at the landfill site.

**Project Hand Over is estimated to be in April 2018 once the snag list is completed.**

## **POLICY POSITION**

Draft Copy of Integrated Waste Management Plan  
National Waste Management Strategy  
Minimum Requirements of Landfill Safe Disposal, Second Edition, 1998  
National Waste Management Strategy

## **LEGAL IMPLICATIONS**

National Environmental Management Act (Act 107 of 1998)  
National Environmental Management: Waste Act (Act 59 of 2008)  
National Environmental Conservation Act (Act 73 of 1989)

## **FINANCIAL IMPLICATIONS**

The total budget of both projects as awarded by the Department of Environmental Affairs is R12 000 000; under the conditions stated in the Memorandum of Agreement, paragraph 4.1.1 of the Roles and Responsibilities, during and implementation process of the projects.

And the approved EPIP project criteria on management fees is as follows:

- Wages at a minimum of 35% of the project budget
- Training at a minimum of 2% of the project budget for non-accredited training by the implementer.
- 55% of temporary job days must be reserved for women and 60% for youth.
- 90% of temporary job days must be reserved for local people.

## **SUBMITTED FOR INFORMATION**

**CS2 of 2018**

**REPORT ON CURRENT STATUS ON LANDFILL SITES IN MATJHABENG MUNICIPALITY (ED: CS) (10/14/1)**

**PURPOSE**

To report to the Section 80 Committee about the current status of Matjhabeng Municipality's Landfill Sites.

**BACKGROUND**

This is the audit carried out on monthly basis to measure the legislative compliance with regard to the Standard Minimum Requirements for Disposal by Landfill Site and National Environmental Management Waste Act.

**DISCUSSION**

The municipality comprises of 4 landfill sites and one (1) Relay station.

**Welkom Landfill Site**

The site is operated and maintained by a private contractor by the name of Khabokedi Waste Management Services. The Contractor's Service Level Agreement expired in August 2016 and it granted extension of month to month contract whilst the acquisition processes for Service provider are being pursued through Supply Chain Management processes.

The site operations and maintenance are disturbed as the compacting and the covering of waste is not accurately done as the service provider complaint of none payment of the service rendered since May 2017 until this year January 2018.

Through MIG funding has been granted for the upgrading of the Landfill Site. The Planning and Design phase of the project is currently underway.

**Virginia Relay Station**

Virginia does not have a landfill site but have a relay station, operated by the Directorate.

Presently, the relay station is full to capacity due to the breakage of the roll-on truck which is still due for repairs, the other factor is the front-end loaders which are also broken therefore the department is unable to clean up the site. The site is still without electricity and toilet of which the unavailability of a toilet for our employee poses a health hazard that poses a danger to human health. Infrastructure Department have been provided with new work request for the installation of the electricity and construction of a toilet and follow-ups will be made.

**Hennenman Communal Dumping Site**

Hennenman has a communal dumping site which cannot be classified as a Landfill sites as it does not meet half of the Minimum Requirements to operate a Landfill site.

The site is full to its capacity as the Roll on Truck well as front end loaders are occasionally unavailable due to breakdowns. The cloak rooms are not operational due to vandalism.

### **Odendaalsrus Landfill Site**

The site is operated and maintained by a private contractor by the name of Khabokedi Waste Management Services.

The National Department of Environmental Affairs through their EPIP (Environmental Project Implementation Plan) had funded the municipality for the upgrading of the Landfill site. Upgrading of the site is 95% complete and the Project Implementer is still to provide with snag list for the site completion.

The Deliverables that the project will hand over to the Municipality includes machineries like Bottle Crusher; Scale; Fork Lift and Trolleys and Electricity Cable.

The Waste Pickers has established the Corporate as a measure to formalize their activities on site.

### **Allanridge Communal Dumping Site**

The site is operated by the Directorate and the operations are carried out as planned.

### **STATUS OF THE SERVICE LEVEL CONTRACT**

The duration of the contract is three years as per attached copies of SLA and Appointment Letter. The duration of the contract expired in August 2016. The contract was permitted to operate on month to month basis until the procurement of the new service provider.

### **FINANCIAL IMPLICATION**

R3 420 874.24 (outstanding payment for services rendered at Welkom and Odendaalsrus Landfill Sites).

### **LEGAL IMPLICATIONS**

National Environment Management Act (Act 107 of 1998)

National Waste Act (Act 59 of 2008)

National Health Act (Act 61 of 2003)

Municipal Structures Act (Act 117 of 1998)

Municipal Systems Act (Act 32 of 2000)

Minimum Requirement on landfill Site for Disposal.

### **RECOMMENDATIONS**

1. Welkom and Odendaalsrus Landfill Sites:
  - a) The Contractor's (Khabokedi Waste Management Services) Service Level Agreement which expired in August 2016 be terminated by issuing the Contract a 3 months' notice starting from the 1<sup>st</sup> of April 2018 to 31 June 2018.
  - b) From the 1<sup>st</sup> of April 2018, the municipality to start procuring the equipment (fleet) required to maintain the Landfill as per the Minimum National Requirements for Disposal in Landfill Site.

- c) During that 3 months period the processes of Supply Chain be followed to source out other service provider provided the Municipality is unable to procure the necessary fleet to maintain the landfill sites.
  - d) Employment of competent, qualified personnel with relevant Waste Management skills and expertise. Waste Management is a highly specialized field.
2. Hennenman and Allanridge Communal Dumping Site
- a) Procurement of the equipment (fleet) for proper maintenance and control of the dumping sites.
  - b) Employment of relevant personnel with Waste Management qualifications.
3. Virginia Relay Station.
- a) To acquire the services of private service providers through “AS AND WHEN BASIS SYSTEM “when the municipality’s fleet is not available to clean and transport waste from the relay station to Welkom Landfill Site.
  - b) Installation of the electricity
  - c) Construction of a toilet.

CS3 of 2018

**REPORT ON THE STANDARD AND STATUS OF COMPACTOR TRUCKS OF REFUSE REMOVAL AT MATJHABENG MUNICIPALITY**

**PURPOSE**

To report to Section 80 Committee about Standard and Status of Compactor Trucks of Refuse Removal / Collection at Matjhabeng Municipality.

**BACKGROUND**

The refuse removal services is not consistent as anticipated by the Community due to the status of our Waste Management Vehicles.

**DISCUSSION**

To highlight to the Committee the current situation that prevails within the Branch of Waste Management pertaining to the inconsistent service being delivered to the Community.

**Standard and Status of Compactor Trucks: Before Amalgamation and After Amalgamation Period:**

**BEFORE AMALGAMATION**

**WELKOM** was scheduled to be serviced by 13 compactor trucks.

Out of the 13 trucks only 3 trucks were (are) available with life span of 19 and 29 years.

The rest, which constitute 9 trucks out of which 5 was distributed to other units and not operational due to age and remaining 4 is still at Welkom workshop and not operational

**ODENDAALSRUS** was serviced by 4 compactor trucks and tractor;

**ALLANRIDGE** was serviced by tractor

**HENNENMAN** was serviced by 1 compactor truck and the tractor and

**VENTERSBURG** was serviced by tractor

**VIRGINIA** was serviced by 5 but operating with only 2

After amalgamation:

In 2008; 12 Compactor Trucks were procured and distributed among six towns:

6 Allocated to Welkom

2 Allocated to Virginia

1 Allocated to Hennenman/Ventersburg

1 Allocated to Odendaalsrus/Allanridge

**In 2010; 10 Compactor Trucks were Procured and Distributed among Six Towns:**

4 Allocated To Welkom

2 Allocated To Virginia

1 Hennenman

1 Odendaalsrus

1 Ventersburg

1 Allanridge

## **REALITY OF THE MATTER**

1. Life span of service delivery vehicle is five years circle.
2. Vehicle must be allocated to one driver.
3. Vehicle Brand and Technology impact on service delivery (turn- around time and downtime).

## **CHALLENGES**

1. Down time caused by processes to repair and maintain refuse trucks.
2. Downtime caused by long process to issue orders and the payment of service providers which escalates removal backlogs.
3. Excessive overtime worked and Workers fatigue.
4. Compactor truck drivers on acting positions.
5. Unbalanced Staff structure – Posts that does not exists in Units other than Welkom.
6. Resistance from the employees to use the Rented trucks at Virginia and Odendaalsrus/Allanridge Units.
7. Gradual expansion of Towns (Units) which affects existing tools of trade (fleet).

## **FINANCIAL IMPLICATION**

- Leasing of Refuse Compactor Truck @ R 2 000 000 per month Procurement of new
- Repairs to the continuous repairs on over used trucks and exceeded Five Year life-span
- Recurring Overtime expenditure due to continuous service backlogs

## **LEGAL IMPLICATIONS**

### **Compliance to:**

- National Environment Management Act (Act 107 of 1998)
- National Waste Act (Act 59 of 2008)
- National Health Act (Act 61 of 2003)
- Municipal Structures Act (Act 117 of 1998)
- Municipal Systems Act (Act 32 of 2000)

## **POLICY POSITION**

- Municipal By-Laws
- National Waste Management Strategy
- National Domestic Waste Collection Systems

## **RECOMMENDATIONS**

1. Procurement of new Refuse Compactor Truck to curb leasing.
2. Filling of Drivers vacant posts.

**CS4 of 2018**

**REPORT ON CURRENT STATUS WITH REGARD TO THE WASTE MANAGEMENT FLEET MORE ESPECIALLY COMPACTOR TRUCKS (ED: CS & PS) (7/1/2/3)**

**PURPOSE**

To report to the Section 80 Committee meeting about the current fleet status and availability of the compactor trucks within Matjhabeng Municipality.

**BACKGROUND**

The Municipality have been inundated with the community's complaints about the inconsistent refuse removal service. The last three months from December 2117 to February 2018 went by with Greater Welkom experiencing minimal if not few areas being serviced. To curb that the initiatives were embarked upon to get relieve transport from other towns.

The initiative affected other areas like Virginia which was left with no or one truck operational and being subjected to over usage due to piled backlogs. Hennenman had to assist Ventersburg whilst Ventersburg's truck was at the workshop for engine repairs. Allanridge's truck assisted in Odendaalsrus and Kutloanong during the absence of Odendaalsrus trucks.

The Parks Department also lent their Grab Trucks to assist in the predicament. The following vehicles were repaired and returned to the department on Friday the 09<sup>th</sup> of March 2018 by the Municipal's workshop unit:

DRL 707 FS - Ansec Front and Loader - Starter repaired.

FDJ 970 FS – Roll on truck for Virginia Relay station – Repaired and fitted with new windscreen.

FDJ 984 FS – Fitted with new clutch/ Taken for Certificate of Fitness.

**DISCUSSION**

The situation have impacted negatively to the image of the Municipality as a result the issue raised many questions through the ranks of the Ward Councilors. Attached is the presentation document as annexure, of which reflects the current scenario of the Branch Waste Management pertaining to the truck availability for more insight information.

This bottleneck has exposed the fact that there is a need to capacitate the Branch with new tools of trade. The Directorate had to improvise and acquire the services of private service providers through "AS AND WHEN BASIS SYSTEM" intended to alleviate the backlog and inconsistency on refuse removal service schedule.

Out of 23 needed Refuse Removal Compactor Trucks for entire Matjhabeng Municipality; only 4 Municipal trucks are operational and are located in Virginia, Ventersburg, Odendaalsrus and Allanridge. Welkom and Hennenman are serviced by private service providers.

The Committee is thus requested to look into this matter and assist in facilitation of the way and means to procure Compactor Trucks as a priority.

**\*\*\* The report is attached as Annexure 1.**



## **FINANCIAL IMPLICATIONS**

It cost the Municipality between R1 600 000.00 and R2 000 000 .00 per month as per available rented Refuse Removal Compactor trucks.

The current price for procurement of one new Refuse Removal Truck (22 cubic meter) is R2 000 000.00 of which depends on the Brand.

It must be considered that Greater Welkom which is comprised of Welkom, Thabong, Riebeeckstad, Bronville, Thandanani (2010) , Masimong, Merriespruit Units and new extensions shall be properly serviced by 12 trucks, Odendaalsrus by 4, Virginia by 5, Hennenman by 2, Allanridge by 1 and Ventersburg by 1.

## **LEGAL IMPLICATIONS**

Compliance to:

National Environment Management Act (Act 107 of 1998)

National Waste Act (Act 59 of 2008)

National Health Act (Act 61 of 2003)

Municipal Structures Act (Act 117 of 1998)

Municipal Systems Act (Act 32 of 2000)

## **POLICY POSITION**

Municipal By-Laws

National Waste Management Strategy

National Domestic Waste Collection Systems

## **RECOMMENDATIONS**

1. That the Section 80 Committee accepts the report as presented.
2. Procurement of Solid Waste Management Refuse Removal Fleet for the effectiveness of refuse removal and avoidance of illegal refuse dumps.