

# MATJHABENG

Municipality  
Umasipala



Mmasepala  
Munisipaliteit

Tel: (057) 916 4032

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## OFFICE OF THE EXECUTIVE DIRECTOR - INFRASTRUCTURE

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To : MUNICIPAL MANAGER  
From : EXECUTIVE DIRECTOR INFRASTRUCTURE  
Date : 07 SEPTEMBER 2017

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### REPORT – REPAIRS OF SEWER PUMP STATIONS IN THABONG AND BRONVILLE

#### 1. PURPOSE:

To inform the Municipal Manager about repairs of various sewer pump stations in Thabong and Bronville to prevent spillages and protect environment.

#### 2. BACKGROUND:

Matjhabeng Municipality is responsible for provision of basic services to its residents. This includes operation and maintenance of sewer systems to prevent spillage and protection of environment.

#### 3. DISCUSSION:

CDH Joineries were appointed to assist in repairs of sewer pump stations including cleaning of sumps in Thabong and Bronville. The scope of work done is as follows:

##### 3.1 Old Thabong Pump Station

Installation of 3 new pumps and modification of delivery pipes to cater for these pumps.

##### 3.2 T8 Pump Station

Cleaning of sump and maintenance of existing pumps to improve efficiency.

##### 3.3. Bronville North Pump Station

- Cleaning of sump;
- Supply and installation of new pumps with electric motors;
- Supply and installation of new MCC panel;
- Servicing of rotating assemblies;
- Supply and installation of non-return valves

##### 3.4 Bronville South Pump Station

- Cleaning of sump;

- Supply and installation of new pumps with electric motors;
- Supply and installation of new MCC panel;
- Servicing of rotating assemblies;
- Supply and installation of non-return valves

#### 4. LOCATIONS OF THE WORKS

The pump stations repaired are located in Thabong and Bronville and their co-ordinates are as follows:

PUMP STATION	LOCATION	CO-ORDINATES	
		S	E
Old Thabong Pump Station	Mxi Street, Thabong	27° 57' 36.54"	26° 47' 15.14"
T8 Pump Station	Constantia Road, Thabong	27° 58' 28.12"	26° 49' 04.69"
Bronville North Pump Station	Bronville	27° 59' 37.37"	26° 48' 50.48"
Bronville South Pump Station	Bronville	27° 59' 59.31"	26° 48' 39.50"

#### 5. CONTRACTUAL DETAILS

<b>ORDER NUMBER</b>	0001052947
<b>CONTRACT AMOUNT</b>	R2 491 981.00
<b>COMMENCEMENT DATE</b>	23 August 2017
<b>COMPLETION DATE</b>	06 September 2017
<b>EMPLOYER</b>	Matjhabeng Municipality Mr. M. Machongoane 082 619 8303
<b>CONTRACTOR</b>	CDH Joineries 083 529 3281
<b>FUNDING AGENT</b>	Municipal Operational Budget

#### 6. WORK DONE

The table below shows work done on site:

ITEM	PROGRESS
<b>OLD THABONG PUMP STATION</b>	
Installation of 3 new pumps	100%
<b>T8 PUMP STATION</b>	
Cleaning of sump	100%
Installation of 3 new pumps	100%
<b>BRONVILLE NORTH PUMP STATION</b>	
Cleaning of sump	100%
Supply and installation of new pumps with electric motors	100%
Supply and installation of new MCC panel	100%
Servicing of rotating assemblies	100%
Supply and installation of non-return valves	100%
Cleaning of sump	100%
<b>BRONVILLE SOUTH PUMP STATION</b>	
Cleaning of sump	100%
Supply and installation of new pumps with electric motors	100%
Supply and installation of new MCC panel	100%
Servicing of rotating assemblies	100%
Supply and installation of non-return valves	100%
<b>OVERALL PROGRESS</b>	<b>100%</b>

Below are some of the photos taken showing work done:



Flooded sump at Bronville North PS



Cleaned sump at Bronville North PS



Flooded sump at Bronville South PS



Cleaned sump at Bronville South PS



Blocked manhole due to dysfunctional Bronville South Pump Station



**7. FINANCIAL IMPLICATIONS:**

The costs to be incurred by the Municipality is R2 491 981.00 (Vat Incl.)

**8. CONCLUSION**

This report serves to confirm that the work carried for repairs of sewer pump stations in Thabong and Bronville was completed and the pump stations are functional.

**PREPARED BY SENIOR MANAGER – CIVIL ENGINEERING:**

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**MS Machongoane**

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**Date**

**SUBMITTED BY EXECUTIVE DIRECTOR – INFRASTRUCTURE:**

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**HB Maswanganyi**

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**Date**