

D/SM 4/23

Municipality - Munisipaliteit
Stellenbosch

16 SEP 2022

Office of the Municipal Manager
Kantoor van die Munisipale Bestuurder

CHECK BEFORE SUBMISSION	YES	NO
REGISTERED ON CSD DATABASE		
LETTER - SOLE SUPPLIER if applicable.		
QUOTE/INVOICE ATTACHED		
BUDGET (SAMRAS)		
CASHFLOW		
SIGNATURES		



MEMORANDUM

INFRASTRUCTURE SERVICES/WATER AND WASTEWATER SERVICES

To Aan: MUNICIPAL MANAGER

From Van: Wade van der Merwe

Job Title: Repairs/Replacement of Fender Floating Aerator Drive at Pniel WWTW

Date Datum: 12 September 2022

Re Insake: DEVIATION: REPAIRS/REPLACEMENT OF FENDER FLOATING AERATOR DRIVE

1. PURPOSE

To obtain approval in terms of Supply Chain Management Policy, to deviate from the official procurement process in terms of section 36 of the approved SCM Policy

REASON FOR DEVIATION: (Mark with x where applicable)		
1.	Emergency. "Emergency dispensation" means emergency as referred to in paragraph 36(1)(a)(i) of this policy under which one or more of the following is in existence that warrants an emergency dispensation;	
	a The possibility of human injury or death;	
	b The prevalence of human suffering or deprivation of rights;	
	c The possibility of damage to property, or suffering and death of livestock and animals;	
	d The interruption of essential services, including transportation and communication facilities or support services critical to the effective functioning of the municipality as a whole;	
	e The possibility of serious damage occurring to the natural environment;	
	f The possibility that failure to take necessary action may result in the municipality not being able to render an essential community service;	
	g The possibility that the security of the state could be compromised; or	
	h The prevailing situation, or imminent danger, should be of such a scale and nature that it could not readily be alleviated by interim measures, in order to allow time for the formal procurement process. Emergency dispensation shall not be granted in respect of circumstances other than those contemplated above.	
2.	Goods or services are produced or available from a single provider	
3.	Acquisition of special works of art or historical objects where specifications are difficult to compile.	
4.	Acquisition of animals for zoos and /or nature and game reserves	
5.	Exceptional case and it is impractical or impossible to follow the official procurement processes	x

2. SUBSTANTIATE WHY SCM PROCESS COULD NOT BE FOLLOWED (TO BE REPORT TO COUNCIL)

The single floating aerator at Pniel Wastewater treatment works has broken down and needs to be repaired. However, there is no tender in place/ and or any service providers appointed to carry out works on mechanical gearboxes at this stage. The gearbox within the aerator is no longer fixable due to the lack of spares available on the old model type. Therefore, the gearbox needs to be replaced with a similar and newer model to allow the aerator to go back into operation again. Currently the aerobic digester has no aeration and no mixing due to the failure of this process unit. The wastewater treatment plant cannot function without sludge removal and this process unit is integral in this function.

3. BACKGROUND

Inenzo Water is the appointed service provider under BSM 30/19 Pniel Wastewater upgrade to complete various works and commissioning of process units. They are unable to commission the dewatering process plant due to the quality of effluent they are receiving from the aerobic digester caused by the lack of aeration and mixing taking place. Therefore, the municipality is preventing the contractor from completing their scope of works under the contract appointment, allowing the contractor to potentially start claiming standing time and therefore an extension of time to complete the works.

4. DISCUSSION

Waste activated sludge needs to be stabilized in the aerobic digester with the assistance of the aerator to reduce volatile sludge solids in the presence of oxygen to an acceptable level prior to the dewatering of sludge. Therefore, the broken aerator is preventing the digestion and dewatering process from working effectively and efficiently.

5. FINANCIAL IMPLICATIONS

Strip and Quotation for floating aerator replacement and repairs. All costs will be paid under the operational UKEY 20220630077993 Pniel Wastewater Treatment Works.



New Unit	SEW RF107AM160 ratio 27,58 ,1480/54 rpm	R	56 386,00
Motor 15 kw	Repairs to motor [fit new bearings, seal and varnish stator]		14200,00
Labour	Disconnect aerator impeller from the gear unit. Return the faulty unit		5 200,00
	and motor to our works. Strip, clean and assess unit.		
	Re-fit low speed coupling and repaired motor to the new unit.		
	Remount unit again to the floater and fit aerator impeller again.		
Consumables	Cleaning materials, silicon, bolts/nuts and paint		1 200,00
Oil	New unit will be supplied with new oil		0,00
Travel	From Brackenfell - Pniel - Brackenfell. 60 kms x 2 x 4.80 p km		576,00
Total Costs - Excl Vat.		R	77 562,00

6. RECOMMENDATION

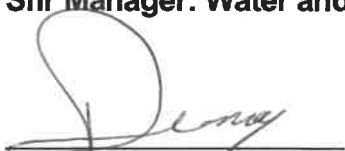
The department recommends the approval of the above quotation to allow for the Pniel Wastewater treatment works aerator to go back into operation, to comply with operational requirements and prevent further delays to the service provider on site who is busy with the commissioning of the treatment plant.



Paul Joubert

Snr Manager: Water and Wastewater Services

Date: 14/09/2022



Shane Chandaka

Director: Infrastructure Services

Date: 14/09/22



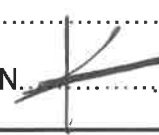
Mrs Geraldine Mettler
Municipal Manager:

Date: 16/9/2022

SUPPLY CHAIN MANAGEMENT COMMENTS:

Not Supported By SCM.
SCM informed Department on numerous occasions that tender / apr 30.6.2022 and that new tender must be in place
James

APPROVAL:

REQUEST SUPPORTED / NOT SUPPORTED BY THE STELLENBOSCH MUNICIPAL BID ADJUDICATION COMMITTEE		
Name	Signature	Date
Comments: Supported - work need to be performed to ensure service delivery to the Drakensberg Community.		
CHAIRPERSON		DATE 16/09/2022
RECOMMENDATION FROM BID ADJUDICATION COMMITTEE APPROVED BY THE ACCOUNTING OFFICER		
Comments:		
ACCOUNTING OFFICER		DATE 16/9/2022