



MEMORANDUM

INFRASTRUCTURE SERVICES

D/SM 9/22

CHECK BEFORE SUBMISSION	YES	NO
REGISTERED ON SCM DATABASE If answer is NO follow the next step: - Register on SCM Database - Creditor's form (SAMRAS)		
LETTER - SOLE SUPPLIER if applicable.		
ORIGINAL VALID TAX CERTIFICATE		
QUOTE/INVOICE ATTACHED		
BUDGET (SAMRAS)		
CASHFLOW		
SIGNATURES		

To Aan: MUNICIPAL MANAGER
From Van: Lourens De Lange
Job Title: Manager: Operations and Maintenance
Date Datum: 03 March 2022
Re Insake: **DEVIATION: EMERGENCY: Repairs to primary transformer 10MVA (66/11kV) no 1 at Jan Marais Substation.**

1. PURPOSE

To obtain approval in terms of Supply Chain Management Policy, to deviate from the official procurement process, 4.36.1(a)(i) and 4.36.1(a)(v). To approve the payment for the emergency repairs of the primary transformer 10 MVA (66/11kV) at Jan Marais substation as mentioned below.

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	

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

2.1 Transferring all the Jan Marais load to other substations, should both transformers be out of service for some reason, the stability of the electricity network in the area will be severely compromised. This is due to other substations will be loaded to the maximum and might cause overloading problems on the cables supplying the Jan Marais areas.

2.2 Due to the urgency of the matter an inspection was requested, and a quotation was requested from Van Vuuren Transformers PTY (LTD).

2.3 Van Vuuren Transformers PTY (LTD) has been a service provider for transformer work in Stellenbosch areas and well known to the Department. It is considered that he would be able to speedily repair the transformer.

3. BACKGROUND

The power was interrupted in the Jonkershoek, Idas Valley areas due to the operation of the high voltage (66kV) network protection. This caused an interruption to a large part of Stellenbosch central, Idas Valley and Jonkershoek areas.

Following further inspection and investigations, it was found that a squirrel climbed on top of transformer no 1 (10MVA 66/11kV) and caused a 66kV flashover from the live conductors to the tank of the transformer, (Earth fault). As a result, this caused a very high temperature flash-over and some damage was done the transformer. This transformer was isolated, and power restored. The load of transformer no 1 was transferred to transformer no 2 and some to other primary substations. Further testing is being done on the transformer in the meantime to ensure that no other internal damage was caused. This is considered highly unlikely as the remote high voltage protection operated within the standard parameters.

4. DISCUSSION

Due to the above it is urgent that this transformer is repaired soonest due to the current and growing load demands of the area. Transformer no 1 is one of two 66/11 kV transformers at Jan Marais Substation, and as such needs to be repaired urgently so that both transformers are serviceable.

5. FINANCIAL IMPLICATIONS

A quotation in the amount of R 234 346.85 VAT included was requested from Van Vuuren Transformers (PTY) LTD which is attached for the repairs of the transformer.

6. RECOMMENDATION

6.1. That the approval, from U-key 20200706013548 Contractors Maintenance of Unspecified Assets be granted in terms of the Municipality Supply Chain Management Policy 4.36.1(a) 4.36.1(a) (i) for the repairs to the transformer in the amount of R 234 346.85 (VAT incl).

7. VALUE FOR MONEY

Whilst this transformer is due for replacement soon, the actual work is still a few months away. It is considered that it will be placing the network stability and consumers supply at risk if the transformer was not repaired urgently. It is also considered in view of the future planning that both these transformers will be fully refurbished to be used elsewhere, and the work done now will be an offset against the restoration cost when the transformers are reclaimed.

8. IT IS RECOMMENDED THAT:

- 8.1. That Van Vuuren Transformers PTY (LTD) be appointed for the repairs of the Jan Marais transformer no 1 as described above as per their quotation in the amount of R 234 346.85.



L. De Lange
Manager: Operations and Maintenance

Date: 03/3/22



D. Louw
Director: Infrastructure Services

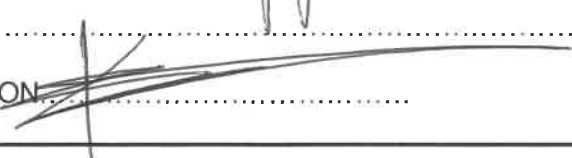
Date: 8/3/22



9. SUPPLY CHAIN MANAGEMENT COMMENTS:

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10. APPROVAL:

REQUEST SUPPORTED / NOT SUPPORTED BY THE STELLENBOSCH MUNICIPAL BID ADJUDICATION COMMITTEE		
Name	Signature	Date
Mr D Louw	Online	4/3/2022
M. A. Barnes	Online	4/3/2022
Ms. A de Beer	Online	4/3/2022
Mr G. Boshoff	Online	4/3/2022
Mr. D. Jacobs	Dgar	4/3/2022
Comments: <i>Supported by the BAC</i>		
CHAIRPERSON: 		DATE 4/3/2022
RECOMMENDATION FROM BID ADJUDICATION COMMITTEE APPROVED BY THE ACCOUNTING OFFICER		
Comments:		
.....		
.....		
ACCOUNTING OFFICER: 		DATE 10/3/2022