

2016/17 Bulk Infrastructure Monthly Report

Annexure C1

Municipality: Kareeberg		Contact Person		A van Schalkwyk	
Municipality No: NC074		Tel Number		0533823012	
Month: March 2017		Fax Number		0533823142	
Bulk Project name: Upgrading of network Riverside, Camarovn					
Bulk Project type	New Bulk	Upgrade	X	Refurbishment	
Project Duration	Start date	2016-10-17	Target Finish date	12-Jan-17	
		Month			
	Municipality Approval	Transferred Capital	Actual Capital Expenditure	% Variance	% Variance
		1000000	0	0%	510901
Project status in %					
1. Pre Engineering	100%				
2. Design	100%				
3. Procurement	100%				
4. Construction Stage					
4.1. Civil Works	28%				
4.2. Steel Work	0%				
4.3. Primary stage	0%				
4.4. Secondary Stage	0%				
4.5. Poles	0%				
4.6. Stringing of lines	0%				
5. Commissioning	0				
6. Close-up	0				
Variance Explanation					
Month:	Contractor awaited supplies				
Capital	510901				
Project Work					
Corrective action to be taken to bring the project back to schedule					
The first contractor finished his part of the work and we advertised again. The second contractor will start during May					

NB: Please attach supporting documentation, invoices and bill of materials purchased

Explanatory Notes:

Municipality: New Municipality Name

Municipality Number: New Municipality Number

Transferred Capital and Planned Connections: As per approved project details attached in letter for the month and year to date

Actual Capital Expenditure and Connections Completed: Actual for the month and year to date

%Variance: Enter the percentage variance for the month of reporting

Project: Enter Project Name

Enter the project approval status

Pre-Engineering: Pre-engineering percentage progress

Design: Project design stage in percentages

Procurement: The status of the project in the procurement process in percentages

: Please attach supporting documents : Invoices and list of bill of materials purchased

Construction: The Project construction progress in percentages

Commissioning: Project commissioning progress in percentages

Close-up: Has the project being officially closed?

Variance Explanation: State reasons for variance and corrective action taken or to be taken to bring the project back to schedule

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[illegible]

	Targets
BEE/SMB/EW/O	50%
Temporary Employment	90%
Permanent Employment	10%
Women Employed	30%
Disabled People employed	2%
Youth Employed	50%
Other Employment	10%
Minimum Daily Wage Rate	R70.40

Municipal Manager Signature: Abdullah Date: 3-3-17

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BULK INFRASTRUCTURE CHECKLIST				
1.Pre Engineering check list	YES	NO	%	N/A
Has EIA( Enviroment Impact Assessment) completed for substation				x
2.Design				
Has designs and drawings been completed	x		100	
3.Procument				
Has procument of materials been advertised on tender		x		
Has the materials already been supplied by the supplier	x			
Has the materials already been supplied by the supplier	x			
4.CONSTRUCTION				
4.1. Civil Works stage				
Is Control room completed				x
Earth grid installed in accordance with substation requirements				x
Cable trenches completed				x
All foundation neatly finished				x
Has Cable trenching been completed				x
Cable trenches covers fitted				x
Is Structure foundation completed				x
Is transformer bay foundation completed				x
Yard stone completed				x
Is substation fence installed and earthed				x
Gates lockable				x
Is Fire protection and oil drainage completed				x
Is Fire extiquishers installed				x
Is warning signs and notices installed				x
4.2. Steelwork stage				
Is all Steelwork structure complete				x
Is all Steel structures levelled and straight				x
Beams correctly installed				x
Steelwork correctly assembled				x
Is all steel structures galvanised				x
Is substation equipment grounded :Steel structure				x
4.3. Primary plant Stage				
Is power transformers installation complete				x
Is auxillary transformer installation complete				x
Is current transformers installation complete				x
Is circuit brakers installation complete				x
Is voltage transformers installation complete				x
Is airbreak switches installation complete				x
Is Isolators / Earthswitches installation complete				x
Is Busbars installation complete				x
Is Insulators installation complete				x
Is substation equipment grounded :Transformers				x
Is metal-clad switchgear installation complete				x
Is substation equipment grounded : Metal -clad Switchgear				x
Is installation of high voltage cables completed				x

Contractor supplied self

4.4.Secondary plant stage	YES	NO		N/A
Is Panels installed				x
Is secondary wiring from primary plant to feeder panels installed				x
Is panel wiring and cable check completed				x
Is protection relays installed				x
Is metering meters installed				x
Is Battery charger installed				x
Telecontrol (SCADA) equipment installed				x
4.4. Poles				
Is excavations for poles pit completed	x		100	
Is planting of poles completed	x		100	
Is numbering of poles completed				x
4.5. Stringers and Droppers stage				
Is overheadlines installed on a registered servitude				x
Is Stringing of lines and droppers completed	x		100	
Is sag and tention of line correct	x		100	
Is tension of droppers correct	x		100	
Is all electrical clearence correct	x		100	
Is ground clearence according to specification	x		100	
Bird diverters or protection installed				x
Aircraft warning installed				x
5. Commissioning stage				
Have all lights,plugs Inspected and tested certificate of compliance issued				x
Has power transformers been tested				x
Has Cicuit brakers been tested	x		100	
Voltage transformers been tested				x
Current transformers been tested				x
Has the High Voltage cable been tested				x
Auto reclosers been tested				x
Isolators/Earthswitches been tested				x
Metal-clad switchgear been tested				x
Has protection settlings correctly applied to relays				x
Protection relays been tested				x
Has programmable meters been programmed accordingly				x
Metering equipment been tested and calibrated				x
Telecontrol (SCADA) been tested				x
Battery charger been tested				x
Is phasing been completed				x
All feeders correctly labelled				x
Has substation drawings updated before make alive				x
Has handover certificates, commissioning documents for service been done		x		
Has substation made alive been done				x
Comment:				