

2016/17 Bulk Infrastructure Monthly Report

Annexure C1

Municipality: Kareeberg		Contact Person: A van Schalkwyk	
Municipality No: NC074		Tel Number: 0533823012	
Month: January 2017		Fax Number: 0533823142	
Bulk Project name: Upgrading of network Riverside, Camarovn			
Bulk Project type	New Bulk	Upgrade	Refurbishment
Project Duration	Start date	2016-10-17	12-Jan-17
Municipality Approval		Transferred Capital	% Variance
		100000	16788
Project status in %		Actual Capital Expenditure	% Variance
		215278,31	0%
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		Contractor awaited supplies	
Month:		Corrective action to be taken to bring the project back to schedule	
Capital		215278,31	
Project Work		Contractor will finished second week of February.	
NB: Please attach supporting documentation, invoices and bill of materials purchased			

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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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	Targets
BEE/SME/BWO	50%
Temporary Employment	90%
Permanent Employment	10%
Women Employed	30%
Disabled People employed	2%
Youth Employed	60%
Other Employment	13%
Minimum Daily Wage Rate	R70.48

Municipal Manager Signature: As-Sheikh Date: 31/12/17

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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

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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		60	
Is planting of poles completed	x		60	
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		60	
Is sag and tention of line correct	x		60	
Is tension of droppers correct	x		60	
Is all electrical clearence correct	x		100	
Is ground clearence according to specification	x		60	
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		60	
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 settings correctly applied to relays				x
Protection relays been tested				x
Has programmable meters been programmed accordingly				x
Metering equipment been tested and calibrated				x
Telecontol (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:				

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