

2017/18 Bulk Infrastructure Monthly Report

Municipality: KAREEBERG
Municipality No: NC074
Month: January 2018

Upgrade of network in Carnarvon-dorp

Project name	Substation	Line	Length (km)	Line
Project type	Size/Capacity (MVA)	New	Upgrade	Refurbishment
Project category	Upgrade	Refurbishment	Target Finish date	28-Feb-18
Project Duration	Start date	28-Jan-18	Month	28-Feb-18
Approved Budget	Transferred Capital	Actual Capital Expenditure	% Variance	
R 1 000 000.00	R	R 8 464.50	-8465%	

Please tick relevant cells

Actual Capital Expenditure % (Month)

#DIV/0!

Main Project stages	Overall status	Milestones	Project Plan	Actual Status in %
Planning, Design and Procurement	67%	Pre Engineering Design	15-Sep-17	100%
		Procurement	20-Oct-17	100%
			30-Nov-17	0%

Progress status in detail:

Project was advertised and tenders closed on the 4th of December 2017. Busy with the evaluation of tenders

SUBSTATION	Construction/Execution	Overall status	Project Plan	Actual Status in %
#DIV/0!				

LINE	Construction/Execution	Overall status	Project Plan	Actual Status in %
0%				

OVERALL PROJECT STATUS	Construction/Execution	Overall status	Project Plan	Actual Status in %
50%				

Variance Explanation (Reporting Month)	Reasons for variance (where variance is not equal to zero)	Corrective action to be taken to bring the project back to schedule (action to be taken to address reasons for variance)
Capital (Financial)		
Project Work (Technical)		

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

NB:

Contact Person: A van Schaikwyk
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email address: kareeberg@xsinet.co.za


Transferred Capital	Actual Capital Expenditure	% Variance
R 1 000 000.00	R 131 843.18	868157%

Actual Capital Expenditure % (YTD)

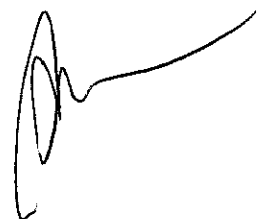
13%

Annexure C

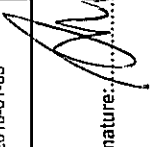
BULK INFRASTRUCTURE CHECKLIST				
1.Pre Engineering check list	Complete	Not complete	Not Applicable	% status
Environmental Impact Assessment (EIA)	✓			
2.Design				
Preliminary designs and drawings	✓			
Final designs and drawings	✓			
3.Procurement				
Procurement of service providers		✓		
Procurement of materials			✓	
Delivery of materials			✓	
4.CONSTRUCTION				
4.1. Civil Works stage				
Site preparation and surface levelling				
Installation of earth mat				
Construction of control room				
Cable trenches and foundations				
All foundation neatly finished				
Has Cable trenching been completed				
Cable trenches covers fitted				
Is Structure foundation completed				
Is transformer bay foundation completed				
Yard stone completed				
Is substation fence installed and earthed				
Gates lockable				
Is Fire protection and oil drainage completed				
Is Fire extinguishers installed				
Is warning signs and notices installed				
4.2. Steelwork stage				
Is all Steelwork structure complete				
Is all Steel structures leveled and straight				
Beams correctly installed				
Steelwork correctly assembled				
Is all steel structures galvanized				
Is substation equipment grounded: Steel structure				
4.3. Primary plant Stage				
Is power transformers installation complete				
Is auxiliary transformer installation complete				
Is current transformers installation complete				
Is circuit breakers installation complete				
Is voltage transformers installation complete				
Is airbreak switches installation complete				
Is Isolators / Earthswitches installation complete				
Is Busbars installation complete				
Is Insulators installation complete				
Is substation equipment grounded :Transformers				
Is metal-clad switchgear installation complete				
Is substation equipment grounded: Metal-clad Switchgear				
Is installation of high voltage cables completed				



4.4.Secondary plant stage				
Is Panels installed				
Is secondary wiring from primary plant to feeder panels installed				
Is panel wiring and cable check completed				
Is protection relays installed				
Is metering meters installed				
Is Battery charger installed				
Telecontrol (SCADA) equipment installed				
4.4. Poles				
Is excavations for poles pit completed				
Is planting of poles completed				
Is numbering of poles completed				
4.5. Stringers and Droppers stage				
Is overheadlines installed on a registered servitude				
Is Stringing of lines and droppers completed				
Is sag and tension of line correct				
Is tension of droppers correct				
Is all electrical clearance correct				
Is ground clearance according to specification				
Bird diverters or protection installed				
Aircraft warning installed				
5. Commissioning stage				
Have all lights, plugs inspected and tested certificate of compliance issued				
Has power transformers been tested				
Has Circuit breakers been tested				
Voltage transformers been tested				
Current transformers been tested				
Has the High Voltage cable been tested				
Auto reclosers been tested				
Isolators/Earthswitches been tested				
Metal-clad switchgear been tested				
Has protection settings correctly applied to relays				
Protection relays been tested				
Has programmable meters been programmed accordingly				
Metering equipment been tested and calibrated				
Telecontrol (SCADA) been tested				
Battery charger been tested				
Is phasing been completed				
All feeders correctly labeled				
Has substation drawings updated before make alive				
Has handover certificates, commissioning documents for service been done				
Has substation made alive been done				
Comment:				



2017/18 - BULK INFRASTRUCTURE REPORTING TEMPLATE - Monthly register of workers on projects

Month of report	January 2018	Note: Must be unique name (Don't use the same name for two projects)									
Project Name:	Upgrading of network Camarvon-C00010Q	Note: Must be unique number (Don't use the same number for two projects)									
Project Type:	Households	Note: (Households, schools or bulk infrastructure)									
Source of Funding	DoE	Note: (Department of Energy, Eskom, Municipality, Donor, etc)									
Province:	Northern Cape	Note: (for Eskom, do not use regions)									
Total Project Expenditure for month:	R 8 465	Note: Invoice or contract amount, only enter value, no leading R									
Physical Outputs:		Note: (Km's line, no of Trm's, connections etc)									
Contractor's Name:		Note: whether BEE, BWO or SMME									
CIPRO company registration number											
Type of contractor											
Contract Number:											
Invoice Number:											
Project Start Date:	1-20-2018	YYYY-mm-dd									
Project End Date:	2-28-2018	YYYY-mm-dd									
Certified by Project Manager:	Mr JH Adams	Note: Name of Project Manager									
Date of certification:	2018-01-03	YYYY-mm-dd									
Municipal Manager's Signature: 		Official Municipal Stamp:									
		2018-01-31									
		KAREEBERG MUNICIPALITEIT / MUNICIPALITY									
		Privateatsak X226/Private Bag X226 CARVAVON, 8925									
		Date: 2018.01.31									
Employment and Training											
First Name	Last Name (Surname)	ID Number	Gender (Male-M) (Female-F)	Has Disability (Yes-Y) (Total Yes:0 No:0)	Type of job	Number of days worked	Daily Wage	Total Wages for the Month	Total training days	Accredited or non-accredited	Name of training provided
					Excavators, General Worker, Learnership, Electrician, CLO etc	0		0	0	accredited	