

PROJECT CHARTER: Ensuring the Environmental Health of the KNYSNA ESTUARY

SUB PROJECT: Recommission faulty sewerage pump stations.

Objectives	Critical Success Factors	Key Activities	Accountable	Timeline	Deliverables
- Identify list of all pump stations - Identify all failed pump stations and cause of failures - Agree on priority list - Complete fault finding on failed stations with unknown causes. - Complete repair on pump stations ensure all pump stations have at least one functional pump running - Install second pumps where available to pump stations - Record each pump station data as we progress - Implement a preventative maintenance program to ensure long-term functionality of sewage pump stations.	- Identification of faulty stations - Fault finding of each and every station to be completed and documented - Quotation for parts required - Draft MCC Diagram, and pre-prepare MCC's - Order required parts - Return of KAW 43 pumps - Engineering support sign off by KM Tech Director. - Daily monitor and report back of work completed - Effective launch and uptake of preventative maintenance programs.	Project approval & sign off	KM Tech/ KG	WEEK 47	- Functional sewerage pump stations. - Pump Station Refurbishment - Preventative Maintenance Program - Water Quality Review Reports - Project Review & Final Report
		Project engagement Manager W&S and KIG	KM Manager/KIG	WEEK 47	
		Agree om list of pump stations	KM/ KIG /Sponsor	WEEK 47	
		Determine priority within the listed stations	KM / KIG / Cont.	WEEK 47	
		Fault finding assessment of each station	KIG / KM	WEEK 47/48	
		Prepare master diagram for MCC	Cont. / KIG / KM	WEEK 47	
		Assess each failed MCC and identify components required	KM/ KIG	WEEK 47/48	
		Obtaine quotations for all components	KERF / KM	WEEK 47	
		Repair pump station and MCC's	KM / KERF / KIG	WEEK 47/48	
		Preventative maintenance program launch	KERF / KIG	WEEK 50	
		Project review reporting, and update	KERF / KIG	WEEK 49	
				Finance	

Minimum estimated: R 250 k

Scope	Infrastructure Case	Project team(s)
Knysna Municipality (KM) Knysna Infrastructure Group (KIG) Director Technical (KM) Manager Water and Sanitation (KM_ RWW Resource Electrician	To eliminate contamination of the Knysna Estuary by ensuring that every sewerage pump station has a minimum of one functional pump and MCC, installing second pumps where available.	Project Sponsor: KIG Project Manager: KM – Theo Wolfaardt Project Manager RWW: Henri Lee Contractors: e4 Electrical Wholesalers