

PROJECT: GENERATOR AND ELECTRICAL UNITIZED PLANT ON AN AS AND WHEN REQUIRED BASIS DURING OUTAGES FOR THE PERIOD OF FIVE (5) YEARS AT KUSILE POWER STATION

ITEM NO.	DESCRIPTION	UNIT	NO. OFF	QTY	RATE	AMOUNT
1	ITEM 1 PRELIMINARIES AND GENERAL					
1.1	Establishment of Facilities on the Site (Delivery of office container, site storage container, site kitchen and ablution)	Once Off	1.00	1.00		
1.2	Safety File	Yearly	5.00	1.00		
1.3	PPE	Yearly	5.00	22.00		
1.4	Entry Medicals	Yearly	5.00	22.00		
1.5	Exit Medicals	Yearly	5.00	22.00		
1.6	Security Clearance Certification	Yearly	5.00	22.00		
1.6	Site Office Container: 6m including 2 x standard AC Units (1 Off)	Once Off	1.00	1.00		
1.7	Site Storage Container: size 3 x 12m (1 Off)	Once Off	1.00	1.00		
1.8	Site Kitchen Container: 3 x 6m (1 Off)	Once Off	1.00	1.00		
1.9	Ablution: 3m x 9m - 11 Toilet Split M/F (1 Off)	Once Off	1.00	1.00		
1.10	Site Bakkie (4x2 Double Cab Bakkie) (2 Off)	Per Day	2.00	1 026.00		
1.11	22 Seater Transport (1 Off)	Per Day	1.00	1 026.00		
	Sub-total Item 1 (Preliminaries and General) carried to Summary					
2	ITEM 2 RESOURCES					
2.1	NORMAL TIME Normal working hours are working hours that fall within the following periods: Mondays - Friday: 07:00 - 16:00					
2.1.1	Supervisor (Min 5 Years of Experience) (1 Off)	Hours	1	5 400		
2.1.2	Planner (Min 1 Year of Experience) (1 Off)	Hours	1	5 400		
2.1.3	Safety Officer (Min 1 Year of Experience) (2 Off)	Hours	2	5 400		
2.1.4	Quality Officer (Min 2 Years of Experience) (1 Off)	Hours	1	5 400		
2.1.5	Electrician (Min 1 Year of Experience) (6 Off)	Hours	6	5 400		
2.1.6	Technician (2 Off)	Hours	2	5 400		
2.1.7	General Labour (6 Off)	Hours	6	5 400		
2.1.8	Storeman (1 off)	Hours	1	5 400		
2.1.9	Cleaner (Matric) (1 Off)	Hours	1	5 400		
2.1.10	Driver (For 22 Bus Seater) (1 Off)	Hours	1	5 400		
	Subtotal Item 2.1 Normal Time					
2.2	NORMAL OVERTIME & SATURDAYS Normal overtime working hours are working hours that fall within the following periods: Mondays - Friday: 16:00 - 20:00 Saturdays: 07:00 - 20:00					
2.2.1	Supervisor (Min 5 Years of Experience) (1 Off)	Hours	1	3 996		
2.2.2	Planner (Min 1 Year of Experience) (1 Off)	Hours	1	3 996		
2.2.3	Safety Officer (Min 1 Year of Experience) (2 Off)	Hours	2	3 996		
2.2.4	Quality Officer (Min 2 Years of Experience) (1 Off)	Hours	1	3 996		
2.2.5	Electrician (Min 1 Year of Experience) (6 Off)	Hours	6	3 996		
2.2.6	Technician (2 Off)	Hours	2	3 996		
2.2.7	General Labour (6 Off)	Hours	6	3 996		
2.2.8	Storeman (1 off)	Hours	1	3 996		
2.2.9	Cleaner (Matric) (1 Off)	Hours	1	3 996		
2.1.10	Driver (For 22 Bus Seater) (1 Off)	Hours	1	3 996		
	Subtotal Item 2.2 Normal Overtime and Saturday					
2.3	SUNDAYS & P/H OVER TIME Overtime: Sundays and Public Holidays working hours are working hours that fall within the following periods: Sundays: 07:00 - 20:00 Public Holidays: 07:00 - 20:00					
2.2.1	Supervisor (Min 5 Years of Experience) (1 Off)	Hours	1	2 016		
2.2.2	Planner (Min 1 Year of Experience) (1 Off)	Hours	1	2 016		
2.2.3	Safety Officer (Min 1 Year of Experience) (2 Off)	Hours	2	2 016		
2.2.4	Quality Officer (Min 2 Years of Experience) (1 Off)	Hours	1	2 016		
2.2.5	Electrician (Min 1 Year of Experience) (6 Off)	Hours	6	2 016		
2.2.6	Technician (2 Off)	Hours	2	2 016		
2.2.7	General Labour (6 Off)	Hours	6	2 016		
2.2.8	Storeman (1 off)	Hours	1	2 016		
2.2.9	Cleaner (Matric) (1 Off)	Hours	1	2 016		
2.1.10	Driver (For 22 Bus Seater) (1 Off)	Hours	1	2 016		
	Subtotal Item 2.3 Overtime Sundays and Public Holidays					
	Subtotal Item 2 (Resources) carried to Final Summary					
3	ITEM 3 TOOLS AND EQUIPMENT					
3.1	Fluke 1555 10KV insulation tester kit	Each	1	2		
3.2	Lead HV transformer tester	Each	1	1		
3.3	Flir E8 Pro thermal imager	Each	1	1		
3.4	Circuit breaker analyser	Each	1	1		
3.5	Motor circuit analyser	Each	1	3		
3.6	Basic field kits (Full set of industrial electrical tool boxes)	Each	1	6		
3.7	Cable Jack	Each	1	2		
3.8	Portable lights 400 Watts	Each	1	5		
3.9	Portable lights 1000 Watts	Each	1	3		
3.10	Industrial Cable Extension with welding sockets (220 Volts and 380 Volts) - 30m	Each	1	5		
3.11	Electrical Domestic Extension - 30m	Each	1	3		
3.12	Hydraulic crimping tool suitable for LV and MV cable connector	Each	1	4		
3.13	Heat gun	Each	1	1		
3.14	LPG gas (touch for heat shrinkable joints)	Per Bottle	1	2		
3.15	Non-contact voltage detectors	Each	1	2		
3.16	Testers for ensuring cables are de-energized.	Each	1	1		
3.17	Time domain reflectometers (TDR)	Each	1	1		
3.18	Hydraulic pressure testing kits for MV cables	Each	1	2		
3.19	Cable pulling winches and accessories.	Each	1	2		
3.20	Socket sets	Each	1	6		
3.21	Cable Fault Locator	Each	1	2		
3.22	Earth resistance tester	Each	1	2		
3.23	Resistivity tester	Each	1	2		
3.24	Digital Micro-Ohmmeter (Ductor Tester)	Each	1	2		
3.25	Thumper	Monthly	27	1		
	Subtotal Item 3 (Tools and Equipment) carried to Final Summary					
	FINAL SUMMARY					
ITEM 1	PRELIMINARIES AND GENERAL					
ITEM 2	RESOURCES					
ITEM 3	TOOLS AND EQUIPMENT					
	Final Summary Total (Excl VAT)					