

PROJECT: ASH DISPOSAL FACILITY DUST SUPPRESSION SYSTEM MAINTANCE AT KUSILE POWER STATION FOR A PERIOD OF FIVE (5) YEARS

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	<u>PRELIMINARIES & GENERAL</u>				
	<u>Fixed Items:</u>				
1.1.1	Site Establishment for: Delivery of Office Converted Containers (3m x 12m) (1 Off)	Once Off	1		
1.1.2	<i>Insulation, Illumination, Aircon and Office Equipments</i>	Once Off	1		
1.1.3	Site Establishment for: Delivery of Kitchen Converted Container (3m x 12m) (1 Off)	Once Off	1		
1.1.4	<i>Steel Kitchen Sink with Cabinet, Picnic Solid Wood Table and Chairs, Microwave and Fridge</i>	Once Off	1		
1.1.5	Site Establishment for: Delivery of Flushable Ablution Container - Female (3m x 6m) (1 Off)	Once Off	1		
1.1.6	<i>4 Toilets, 4 SHE Bins, 4 Hand Wash and basin with soap dispenser</i>	Once Off	1		
1.1.7	Site Establishment for: Delivery of Flushable Ablution Container - Male (3m x 6m) (1 Off)	Once Off	1		
1.1.8	<i>3 Toilets, 3 Urinal, 3 Hand Wash and basin with soap dispenser</i>	Once Off	1		
1.1.9	Site Establishment for: Delivery of Female change rooms with 30 lockers (3m x 6m) (1 Off)	Once Off	1		
1.1.10	Site Establishment for: Delivery of Male change rooms with 40 lockers (3m x 9m) (1 Off)	Once Off	1		
1.1.11	Site Establishment for: Delivery of Storage Containers (3m x 12m) (1 Off)	Once Off	1		
1.1.12	Site Establishment for: Delivery of 20 Ton Excavator	Once Off	15		
1.1.13	Site Establishment for: Delivery of Front End Loader	Once Off	15		
1.1.14	De Establishment - Kitchen Converted Container (3m x 12m) (1 Off)	Once Off	1		
1.1.15	De Establishment - Office Converted Containers (3m x 12m) (1 Off)	Once Off	1		
1.1.16	De Establishment - Flushable Ablution Container - Female (3m x 6m) (1 Off)	Once Off	1		
1.1.17	De Establishment - Flushable Ablution Container - Male (3m x 6m) (1 Off)	Once Off	1		
1.1.18	De Establishment - Storage Containers (3m x 12m) (1 Off)	Once Off	1		
1.1.19	De Establishment - Female change rooms with 15 lockers (3m x 6m) (1 Off)	Once Off	1		
1.1.20	De Establishment - Male change rooms with 22 lockers (3m x 6m) (1 Off)	Once Off	1		
1.1.21	De Establishment - 20 Ton Excavator	Once Off	15		
1.1.22	De Establishment - Front End Loader	Once Off	15		
1.1.23	Delivery and Installation of Site Fencing (1.8m High Diamond Mesh Wire, 40 Stell Poles, 2 Way Double Swing Gate)	m	200		
1.2	<u>Time Related Items:</u>				
1.2.1	Rental of 4x2 Double Cab Bakkie (1 Off)	Monthly	60		
1.2.2	Rental of 14 Seater Bus (1 Off)	Monthly	60		
1.2.3	Rental of Office Converted Containers (3m x 12m) (1 Off)	Monthly	60		
1.2.4	Rental of Kitchen Converted Container (3m x 12m) (1 Off)	Monthly	60		
1.2.5	Rental of Storage Containers (3m x 12m) (1 Off)	Monthly	60		
1.2.6	Rental of Flushable Ablution Container - Female (3m x 6m) (1 Off) (To be serviced once a week)	Monthly	60		
1.2.7	Rental of Flushable Ablution Container - Male (3m x 6m) (1 Off) (To be serviced once a week)	Monthly	60		
1.2.8	Rental of Female change rooms with 5 lockers (3m x 6m) (1 Off)	Monthly	60		
1.2.9	Rental of Male change rooms with 8 lockers (3m x 6m) (1 Off)	Monthly	60		
1.2.10	Rental of 20 Ton Excavator (1 Off)	Weekly	30		
1.2.11	Rental of Front End Loader (1 Off)	Weekly	30		
1.3	<u>Health and Safety Requirements</u>				
1.3.1	Safety file	Once Off	1		
1.3.2	9kg Fire Extinguishers (Per container)	Once Off	6		
1.3.3	PPE	Per Person	130		
1.3.4	Medicals - Entry (Per Person)	Per Person	65		
1.3.5	Medicals - Exit (Per Person)	Per Person	13		
1.3.6	Security Clearance Certification (Per Person)	Per Person	13		
	<u>Trainings</u>				
1.3.7	First Aid (Valid for 3 years)	Per Person	4		
1.3.8	Basic Fire Fighting (Valid for 2 years)	Per Person	4		
1.3.9	OHS Act (Valid for 2 years)	Per Person	4		
1.3.10	Legal Liability (Once Off) (2 Off)	Per Person	2		
1.3.11	Supervisory Safety (Valid for 2 years) (2 Off)	Per Person	2		
1.3.12	Planned Job Observation (Once Off)	Per Person	1		
1.3.13	HIRA (Valid for 2 years)	Per Person	1		
1.3.14	Incident Investigator (Valid for 2 years)	Per Person	1		
1.3.15	Training (Confined space) (Per Person)	Per Person	10		
1.4	<u>OCCUPATIONAL HYGIENE SURVEYS / (HEALTH RISK ASSESSMENTS)</u>				
1.4.1	Illumination for Office, Kitchen, Ablution and Storage Containers (valid for 2 years)	No	1		
1.4.2	Indoor Air Quality for Office container (valid for 2 years)	No	1		
1.4.3	Ergonomics (valid for 2 years)	No	1		
	Total Item 1 (Preliminaries and General) carried to Summary:				
2	<u>RESOURCES</u>				
2.1	<u>Normal Hours</u>				
2.1.1	Site Agent / Supervisor (5 Years Relevant experience)(1 Off)	Hours	10200		
2.1.2	Safety Officer (Professional with SACMP with 5 Years Relevant experience)(1 Off)	Hours	10200		
2.1.3	Mechanical Electrician (5 Years Relevant experience)(3 Off)	Hours	30600		
2.1.4	HDPE Plastic Welder/ Pipe Fitter (3 Years Relevant experience) (2 Off)	Hours	20400		
2.1.5	General Labour (1-3 Years Relevant experience) (5 Off)	Hours	51000		
2.1.6	Driver (For 14 Seater Bus) (1 Off)	Hours	10200		
	Total for Normal Hours :				
2.2	<u>Saturday Overtime</u>				
2.2.1	Site Agent / Supervisor (5 Years Relevant experience)(1 Off)	Hours	480		
2.2.2	Safety Officer (Professional with SACMP with 5 Years Relevant experience)(1 Off)	Hours	480		
2.2.3	Mechanical Electrician (5 Years Relevant experience)(3 Off)	Hours	1440		

2.2.4	HDPE Plastic Welder/ Pipe Fitter (3 Years Relevant experience) (2 Off)	Hours	960		
2.2.5	General Labour (1-3 Years Relevant experience) (5 Off)	Hours	2400		
2.2.6	Driver (For 14 Seater Bus) (1 Off)	Hours	480		
Total for Saturday Overtime :					
2.3	Overtime - Sundays and Public Holidays				
2.3.1	Site Agent / Supervisor (5 Years Relevant experience)(1 Off)	Hours	520		
2.3.2	Safety Officer (Professional with SACMP with 5 Years Relevant experience)(1 Off)	Hours	520		
2.3.3	Mechanical Electrician (5 Years Relevant experience)(3 Off)	Hours	1560		
2.3.4	HDPE Plastic Welder/ Pipe Fitter (3 Years Relevant experience) (2 Off)	Hours	1040		
2.3.5	General Labour (1-3 Years Relevant experience) (5 Off)	Hours	2600		
2.3.6	Driver (For 14 Seater Bus) (1 Off)	Hours	520		
Total for Overtime - Sundays and Public Holidays :					
Total for item 2 - Resources Carried to Final Summary :					
3	<u>EQUIPMENTS</u>				
3.1.1	SIME IBIS 4&10 Sprinkler	No	500		
3.1.2	Sprinkler Supply Pipes (160mm SDR 7.4 PE100 HDPE) (24m)	No	850		
3.1.3	Main Supply line on Ash Dump (200mm SDR 7.4 PE100 HDPE) (24m)	No	100		
3.1.4	Main Supply line on Ash Dump (280mm SDR 7.4 PE100 HDPE) (24m)	No	100		
3.1.5	HDPE bends (160mm diameter)	No	1000		
3.1.6	HDPE T-Pieces	No	400		
3.1.7	Isolation Valves (150NB butterfly Valves)	No	750		
3.1.8	Flexible hose (50mm diameter lay flat. Pressure rating 10 Bar)	No	600		
3.1.9	Sprinkler Trolleys (50NB SANS 62-1 Pipe mounted on wheels	No	600		
3.1.10	Fittings (these include clamps, reducers, and other small fittings)	No	1000		
Total item 3 (Equipments) Carried to Final Summary :					
	<u>FINAL SUMMARY</u>				
ITEM 1	PRELIMINARIES AND GENERAL				
ITEM 2	RESOURCES				
ITEM 3	EQUIPMENTS				
Final Summary Total (Excl VAT)					