

PROJECT: CLEANING AND REMOVAL OF HAZARDOUS WASTE FOR CHEMICAL SERVICES PLANT AT KUSILE POWER STATION ON AS AND WHEN REQUIRED FOR A PERIOD OF FIVE (5) YEARS.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	<u>ITEM 1</u> <u>PRELIMINARIES AND GENERAL</u>				
1.1	PRELIMINARIES AND GENERAL	Item	1.00		
	Total Item 1 (Preliminaries and General) carried to Summary :				
2	<u>ITEM 2</u> <u>RESOURCES</u>				
2.1	NORMAL HOURS	Item	1.00		
2.2	NORMAL OVERTIME AND SATURDAY	Item	1.00		
2.3	OVERTIME - SUNDAYS	Item	1.00		
	Total Item 2 (Resources) carried to Summary :				
2	<u>ITEM 3</u> <u>MATERIAL</u>				
3.1	CONTAINMENT,CLEANING AND REHABILITATION EQUIPMENT	Item	1.00		
3.2	MATERIALS	Item	1.00		
3.3	STORAGE CONTAINERS	Item	1.00		
3.4	EQUIPMENT AS AND WHEN REQUIRED	Item	1.00		
3.5	DISPOSAL SERVICES	Item	1.00		
	Total Item 2 (Material) carried to Summary :				
	<u>FINAL SUMMARY</u>				
ITEM 1	PRELIMINARIES AND GENERAL				
ITEM 2	RESOURCES				
ITEM 3	MATERIAL				
	Final Summary Total (Excl VAT)				

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Item No	Description	Unit	Qty	Rate	Amount
1	<u>Preliminary & General</u>				
1.1	Health and Safety Requirements				
1.1.1	Safety file	Once Off	1		
1.1.2	PPE	Per Person	20		
1.1.3	Medicals - Entry	Per Person	20		
1.1.4	Medicals - Exit	Per Person	20		
1.1.5	Security Clearance Certification	Per Person	20		
1.1.6	Training (Confide space)	Per Person	20		
1.1.7	Training (Basic Spillage inclusive of mock spillage training)	Per Person	20		
1.2	SPECIAL Personal Protective Equipment:				
1.2.1	Wader	Each	180		
1.2.2	Tyvec Suit	Each	300		
1.2.3	FFP2 Dust Mask (20 in a box)	Box	30		
1.2.4	Rain Suit	Each	200		
1.2.5	Face Shield	Each	120		
1.2.6	Body Harness	Each	400		
1.2.7	Life Jacket	Each	300		
1.2.8	Ski Rope 30m	Each	45		
1.2.9	Rags per 5kg	Each	40		
1.3	Transportation				
1.3.1	Site Bakkie (4x2 Single Cab Bakkie) (1 Off)	Per Day	70		
1.3.2	4 Tonner (1 Off)	Per Day	70		
1.3.3	Vacuum truck per hour without labour (1 Off)	Per Day	70		
1.3.4	10 Tonner (1 Off)	Per Day	70		
1.3.5	Home-Work-Home - 14 Seater (1 Off)	Per Day	70		
Total Item 1 (Preliminaries and General) carried to Summary:					
2	<u>Resources</u>				
2.1	Normal Hours				
2.1.1	Project Manager (1 Off)	Hours	560		
2.1.2	Supervisor (1 Off)	Hours	560		
2.1.3	Assistant (1 Off)	Hours	560		
2.1.4	Safety Officer (1 Off)	Hours	560		
2.1.5	Skilled Labour (8 Off)	Hours	4480		
2.1.6	Driver (For 14 Bus Seater) (1 Off)	Hours	560		
Total for Normal Hours:					
2.2	Normal Overtime and Saturday				
2.2.1	Project Manager (1 Off)	Hours	280		
2.2.2	Supervisor (1 Off)	Hours	280		
2.2.3	Assistant (1 Off)	Hours	280		
2.2.4	Safety Officer (1 Off)	Hours	280		
2.2.5	Skilled Labour (8 Off)	Hours	2240		
2.2.6	Driver (For 14 Bus Seater) (1 Off)	Hours	280		
Total for Normal Overtime and Saturday:					
2.3	Overtime - Sundays and Public Holidays				
2.3.1	Project Manager (1 Off)	Hours	140		
2.3.2	Supervisor (1 Off)	Hours	140		
2.3.3	Assistant (1 Off)	Hours	140		
2.3.4	Safety Officer (1 Off)	Hours	140		
2.3.5	Skilled Labour (8 Off)	Hours	1120		
2.3.6	Driver (For 14 Bus Seater) (1 Off)	Hours	140		
Total for Overtime - Sundays and Public Holidays:					
3	<u>CONTAINMENT,CLEANING AND REHABILITATION EQUIPMENT</u>				
3.1.1	Cold Water HP	Per Day	30		
3.1.2	Hot Water HP	Per Day	30		
3.1.3	3" Wilden Pump	Per Day	30		
3.1.4	3" Water Pump	Per Day	30		
3.1.5	3" Petroleum Hosw	Per Day	45		
3.1.6	Madodo Pump	Per Day	30		
3.1.7	Canoe	Per Day	15		
3.1.8	5.5 KVA Generator Petrol	Per Day	15		
3.1.9	5.5 KVA Generator Petrol	Per Day	15		
3.1.10	Extensio Cord 30m roll	Per Day	45		

3.1.11	500l Fire Unit	Per Day	30	
3.1.12	Weir Skimmer	Per Day	15	
3.1.13	190 CFM Compressor	Per Day	30	
3.1.14	20M Airhose	Per Day	30	
3.1.15	Rotovator	Per Day	10	
3.1.16	Flood Lights	Per day	30	
Total for Containment, Cleaning and Rehanilitation Equipment:				
4	MATERIALS			
4.1.1	Bioremediation products 50 L	Each	10	
4.1.2	Micoremediation	Each	200	
4.1.3	Remediation agent liquid (Bio Blue)	Each	30	
4.1.4	Hydrocarbon Absorbent 15KG	Each	120	
4.1.5	Hydrocarbon Absorbent 30KG	Each	15	
4.1.6	Hand Tools	Per Day	30	
4.1.7	Pup Sprayer 5L Manual	Each	50	
4.1.8	Drip Tray Steel Small	Per Day	30	
4.1.9	Drip Tray Steel Big	Per Day	30	
4.1.10	Drip Tray Plastic Small	Per Day	30	
4.1.11	Drip Tray Plastic Big	Per Day	30	
4.1.12	Absorbent booms Hazmat 2 meter	Each	50	
4.1.13	Absorbent booms Hazmat 4 meter	Each	30	
4.1.14	Absorbent booms oil 2 meter (4 Bag)	Each	30	
4.1.15	Absorbent booms oil 4 meter (2 Bag)	Each	30	
4.1.16	Degreaser PSD1000 25L	Each	70	
4.1.17	Degreaser Solve It 25L	Each	40	
4.1.18	Jerry Can Petrol 20L	Each	40	
4.1.19	Jerry Can Diesel 20L	Each	40	
4.1.20	Barrier Tape	Each	20	
4.1.21	Floculant	Per bag	20	
4.1.22	Gas Monitor	Per Day	15	
Total for Material:				
5	STORAGE CONTAINERS			
5.1.1	210L Steel Close top drum	Per day	30	
5.1.2	210L Steel Open top drum	Per day	30	
5.1.3	500L water tanker	Per day	30	
5.1.4	1000L Flow bin	Per day	30	
5.1.5	Jojo tank 5 000L	Per day	30	
5.1.6	Jojo Tank 10 000L	Per Day	30	
5.1.7	Drum Funnel	Per day	40	
5.1.8	Skip Bins 6m3	Per day	30	
5.1.9	Bulk Bags	Each	100	
5.1.10	Sand Bags	Each	100	
5.1.11	Plastic sheeting 30m x 4m x 150 micron	Each	5	
5.1.12	Plastic sheeting 30m x 6m x 150 micron	Each	30	
5.1.13	Recovery Bag and cable tie	Each	1200	
5.1.14	Permanent Booms 10 meter	Each	30	
Total for Storage Containers:				
6	EQUIPMENT AS AND WHEN REQUIRED			
6.1.1	Oil spill Boat	Per Day	5	
6.1.2	30KL Road tanker per day	Per Day	1	
6.1.3	34 Ton Side Tipper truck	Per Day	10	
6.1.4	TLB per day	Per Day	5	
6.1.5	TLB site establishment	Once Off	1	
6.1.6	TLB De-establishment	Once Off	1	
6.1.7	Bobcat	Per day	5	
6.1.8	Bobcat site establishment	Once Off	1	
6.1.9	Bobcat De-establishment	Once Off	1	
6.1.10	10 Cube Tipper truck	Per Day	5	
Sub-total for Equipment as and when required:				
7	DISPOSAL SERVICES			
7.1.1	Disposal solid waste oil and water	Per Ton	50	
7.1.2	Disposal soil contaminated with hydrocarbons waste (solid)	Per Ton	120	
7.1.3	Disposal of hydrocarbon luquid waste	Per Ton	350	
7.1.4	Disposal of chemical waste per ton	Per Ton	50	
7.1.5	Disposal of mxed chemical waste	Per Ton	20	
7.1.6	Disposal ash contaminated with hydrocarbons	Per Ton	100	
7.1.7	Disposal sewer waste per ton	Per Ton	100	
7.1.8	Disposal of sludge waste	Per Ton	150	
Total for Disposal Services:				
TOTAL AMOUNT EXCL VAT				