

PROJECT: DAMS CONCRETE AND HIGH DENSITY POLYETHYLENE LINER REPAIRS AS ON AND WHEN REQUIRED AT KUSILE POWER STATION 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 Final Summary :				
2	<u>ITEM 2</u> <u>RESOURCES</u>				
2.1	Normal Hours	Item	1.00		
2.2	Overtime - Saturdays	Item	1.00		
2.3	Overtime - Sundays and Public Holidays	Item	1.00		
	Total Item 2 (Resources) carried to Final Summary :				
3	<u>ITEM 3</u> <u>MATERIAL</u>				
3.1	Material needed	Item	1.00		
	Total Item 3 (Material) carried to Final Summary :				
4	<u>ITEM 4</u> <u>EQUIPMENTS</u>				
4.1	Equipment to be used	Item	1.00		
	Total Item 4 (Equipments) carried to Final Summary :				
	<u>FINAL SUMMARY</u>				
ITEM 1	PRELIMINARIES AND GENERAL				
ITEM 2	RESOURCES				
ITEM 3	MATERIAL				
ITEM 4	EQUIPMENTS				
	Final Summary Total (Excl VAT)				

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Item No	Description	Unit	Qty	Rate	Amount
1	Preliminary & General				
1.1	Fixed				
1.1.1	Site Establishment for: Delivery of Office Converted Containers (3m x 12m)	Once Off	1		
1.1.2	Site Establishment for: Delivery of Kitchen Converted Container (3m x 6m)	Once Off	1		
1.1.3	Site Establishment for: Delivery of Ablution Container (3m x 9m)	Once Off	1		
1.1.4	Kitchen: 3m x 6m, Fitted with Single Bowl Sink with a work top, Fitted with undercounter cupboard (1 Off)	Once Off	1		
1.1.5	Office Converted Containers (3m x 12m) (2 Off)	Once Off	1		
1.1.6	Ablution: 3m x 12m - 11 Toilet Split M/F (1 Off)	Once Off	1		
1.1.7	Safety file	Once Off	1		
1.1.8	Medicals - Entry (Per Person)	Per Person	10		
1.1.9	Medicals - Exit (Per Person)	Per Person	10		
1.1.10	Security Clearance Certification (Per Person)	Per Person	10		
1.1.13	Site Bakkie (4x2 Double Cab Bakkie) (1 Off)	Per Month	5		
1.1.14	Light Driven Vehicle (LDV) (1 Off)	Per Month	5		
1.1.18	Site vehicle (Sedan) (1 Off)	Per Month	5		
Total Item 1 (Preliminaries and General) carried to Final Summary:					
2	Resources				
2.1	Normal Hours				
2.1.1	Construction Manager – 5 Years Relevant experience (1 Off)	Hours	800		
2.1.2	Site Supervisor – 5 Years Relevant experience (1 Off)	Hours	800		
2.1.3	Safety Officer – 3 Years Relevant experience (1 Off)	Hours	800		
2.1.4	Quality Assurance and Controller - 3 Years Relevant experience (1 Off)	Hours	800		
2.1.5	HDPE Welder - 3 Years Relevant experience (1 Off)	Hours	800		
2.1.6	General Worker – 3 Years Relevant experience (4 Off)	Hours	3200		
2.1.7	Driver (For Sedan) (1 Off)	Hours	800		
Sub-Total for item 2.1 Normal Hours Carried to Final Summary:					
2.2	Overtime -Saturday				
2.2.1	Construction Manager – 5 Years Relevant experience (1 Off)	Hours	120		
2.2.2	Site Supervisor – 5 Years Relevant experience (1 Off)	Hours	120		
2.2.3	Safety Officer – 3 Years Relevant experience (1 Off)	Hours	120		
2.2.4	Quality Assurance and Controller - 3 Years Relevant experience (1 Off)	Hours	120		
2.2.5	HDPE Welder - 3 Years Relevant experience (1 Off)	Hours	120		
2.2.6	General Worker – 3 Years Relevant experience (4 Off)	Hours	480		
2.2.7	Driver (For Sedan) (1 Off)	Hours	120		
Sub-Total for item 2.2 Overtime - Saturday carried to Final Summary:					
2.3	Overtime - Sundays and Public Holidays				
2.3.1	Construction Manager – 5 Years Relevant experience (1 Off)	Hours	120		
2.3.2	Site Supervisor – 5 Years Relevant experience (1 Off)	Hours	120		
2.3.3	Safety Officer – 3 Years Relevant experience (1 Off)	Hours	120		
2.3.4	Quality Assurance and Controller - 3 Years Relevant experience (1 Off)	Hours	120		
2.3.5	Semi-Skilled – 3 Years Relevant experience (9 Off)	Hours	120		
2.3.6	General Worker – 3 Years Relevant experience (4 Off)	Hours	480		
2.3.7	Driver (For Sedan) (1 Off)	Hours	120		
Sub-Total for Overtime - Sundays and Public Holidays Carried to Final Summary:					
Total for Item 2 (Resources) carried to Final Summary:					
3	MATERIAL				
3.1.1	Cuspated drainage liner – 1.5 mm thick	m ²	93 394		
3.1.2	HDPE liner – 1.5 mm thick	m ²	93 394		
3.1.3	Bidim A4 geotextile	m ²	93 394		
3.1.4	Breaking and removing defective anchor concrete	m ³	750		
3.1.5	Replace concrete anchor trench (cast-in-place)	m ³	750		
3.1.6	Reinforcement steel	kg	35 385		
Total for Item 3 (Material) Carried to Final Summary :					
4	EQUIPMENTS				
4.1.1	Extrusion welding – small patch (<1 m ²)	Each	1		
4.1.2	Hot Wedge Welder	Each	1		
4.1.3	Vacuum Box	Each	1		
4.1.4	Pressure Test kit	Each	1		
4.1.5	Air Pump	Each	1		
4.1.6	Spark Tester	Each	1		
4.1.7	Wedge trial weld peel tester	Each	1		
Total for Item 4 (Equipments) Carried to Final Summary :					
TOTAL AMOUNT EXCL VAT					