

BILL OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	SECTION 1: PRELIMINARY AND GENERAL				
1.1	Project Initiation, Kick-Off Meeting and Set Up	Sum	1		
1.2	Health and Safety Compliance	Sum.	1		
1.3	Close Out-Report	Sum.	1		
TOTAL CARRIED FORWARD TO SUMMARY					
2	SECTION 2: MONTHLY MONITORING AND SITE INSPECTIONS				
2.1	Site Supervision for Landfill Operations including Phase Filling Plans, Waste Processing Performance, Monitoring Contractor's performance and Certification of Operators invoices.	Months	36		
2.2	Compilation of Monthly Site Operations Reports	Months	36		
2.3	Monthly Compliance Monitoring in line with Waste License conditions including Report	Months	36		
2.4	Leachate and Stormwater Management Reporting	Months	36		
2.5	Identifying infrastructure and maintenance projects to meet Compliance Requirements including Conditional Assessment and Cost Estimates. (Prov)	No.	10		
2.6	Travel	km	75000		
TOTAL CARRIED FORWARD TO SUMMARY					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3	SECTION 3 - WASTE MANAGEMENT LICENSE COMPLIANCE AUDITS				
3.1	Annual External Audits to be a carried out by a Registered Environmental Assessment Practitioner (EAP)	No.	3		
3.2	Conduct Internal Audits on a Quarterly basis and Provide a Report	No.	12		
3.3	Review of External Audit Findings and compiling Actions plans to address non-compliances.	No.	3		
TOTAL CARRIED FORWARD TO SUMMARY					
4	SECTION 4 - SURVEYS AND AIRSPACE CALCULATIONS				
4.1	Topographical Survey of the full site (10ha)	No.	6		
4.2	Calculation of Remaining Landfill Airspace	No.	6		
4.3	Survey Reports and Updated Contours on Drawings	No.	6		
TOTAL CARRIED FORWARD TO SUMMARY					
5	SECTION 5 - OPERATIONAL PLANNING				
5.1	Compilation of a comprehensive Operational Plan for the site in accordance with the Minimum Requirements for Waste Disposal by Landfill (DWAF, 1998) and the Waste Management License of the site.	No.	1		
5.2	Provide plans for the subdivision of landfill cells with waste placement sequencing and waste processing methods (Quarterly Basis)	No.	12		
TOTAL CARRIED FORWARD TO SUMMARY					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6	SECTION 6 - ANNUAL REPORTING				
6.1	Stormwater Management Plan	No.	3		
6.2	Leachate Management Plan	No.	3		
6.3	Stability Assessment and Report	No.	6		
6.4	Review of Existing Fogging System	No.	6		
TOTAL CARRIED FORWARD TO SUMMARY					
7	SECTION 7: LANDFILL DEVELOPMENT PLANNING AND DESIGN				
7.1	Determine Current Landfill Utilization and produce report	Sum	1		
7.2	Develop a Cell Development Plan incorporating future cells, access roads, stromwater infrastructure, leachate management infrastructure.	Sum	1		
7.3	Preliminary and Detailed Design for Landfill Cell Development, and other landfill infrastructure works (Prov.)	Hours	120		
TOTAL CARRIED FORWARD TO SUMMARY					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
8	SECTION 8 - PROVISIONAL ITEMS				
8.1	Supervision, Quality Control and Processing of Invoices for Maintenance Contracts as and when required.	Hours	100		
8.2	Incident Reports to Environmental Authorities as and when required.	No.	6		
8.3	Presentations and Reports for Monitoring Committee meetings or meetings with Authorities.	No.	6		
8.4	Water Monitoring (Sampling and Reporting of Groundwater and Surface Water) - Bi-annually	No.	6	50 000.00	300 000.00
8.5	Air Quality and Gas Monitoring	No.	6	30 000.00	180 000.00
8.6	Water Quality Sampling of Downstream River in the event of an incident	No.	5	10 000.00	50 000.00
8.7	Stability Analysis	No.	2	100 000.00	200 000.00
8.8	Additional Surveys	No.	3	20 000.00	60 000.00
TOTAL CARRIED TO SUMMARY					

SUMMARY OF BILL OF QUANTITIES

	Amount
SECTION 1: PRELIMINARY AND GENERAL	
SECTION 2: MONTHLY MONITORING AND SITE INSPECTIONS	
SECTION 3: WASTE MANAGEMENT LICENSE COMPLIANCE AUDITS	
SECTION 4: SURVEYS AND AIRSPACE CALCULATIONS	
SECTION 5: OPERATIONAL PLANNING	
SECTION 6: ANNUAL REPORTING	
SECTION 7: LANDFILL DEVELOPMENT PLANNING AND DESIGN	
SECTION 8: PROVISIONAL ITEMS	
SUB-TOTAL	
Add 15% VAT of Sub-total	
TOTAL CARRIED TO TENDER FORM	

COMPANY NAME :

SIGNATURE : DATE: