

CALCULATION OF THE QUANTUM

Onele Construction and Cleaning

No	Description	Unit	A Quantity	B Master rate	C Multiplicatio n factor	D Weighting factor	E=A*B*C*D Amount
1	Dismantling of processing plant and related structures	m ³	0	R21.00	1	1	R0.00
2(A)	Demolition of steel buildings and structure	m ²	0	R287.00	1	0	R0.00
2(B)	Demolition of reinforced concrete buildings and structures	m ²	0	R424.00	0	0	R0.00
3	Rehabilitation of access roads	m ²	100	R51.00	1	0.1	R510.00
4(A)	Demolition and rehabilitation of electrified railway lines			R499.00			R0.00
4(B)	Demolition and rehabilitation of non-electrified railway lines	m	0	R272.00	0	0	R0.00
5	Demolition of housing and/or administration facilities	m ²	0	R575.00	1	0	R0.00
6	Opencast rehabilitation including final voids and ramps	ha	1	R301,350.00	0.8	0.1	R24,108.00
7	Sealing of shafts, adits and inclines	m ³	0	R154.00	1	1	R0.00
8(A)	Rehabilitation of overburden and spoils	ha	1	R200,900.00	0.1	0.1	R2,009.00
8(B)	Rehabilitation of processing waste deposits and evaporation ponds (salts)	ha		R250,217.00			R0.00
8(C)	Rehabilitation of processing waste deposits and evaporation ponds (acidic, metal-rich waste)	ha	0	R726,749.00	1	0	R0.00
9	Rehabilitation of subsided areas	ha	0	R168,223.00	1	1	R0.00
10	General surface rehabilitation	ha	1.5	R159,147.00	1	0.1	R23,872.05
11	River diversions	ha	0	R159,147.00			
12	Fencing	m	0	R182.00	1	1	R0.00
13	Water management	ha	0	R60,512.00	1	1	R0.00
14	2 to 3 years of maintenance and aftercare	ha	1.5	R21,179.00	1	0.1	R3,176.85
15(A)	Specialist study	sum					
15(B)	Specialist study	sum					
SUBTOTAL 1							R53,675.90
1	Weighting factor 2			(0%, 5% or 10%)			
2	Preliminary and General			12,5% of subtotal 1			R0.00
3	Administration and supervision costs			6,0% of subtotal 1			R0.00
4	Engineering drawings and specifications			2,0% of subtotal 1			R0.00
5	Engineering and procurement of specialist work			2,5% of subtotal 1			R1,341.90
6	Development of closure plan			2,5% of subtotal 1			R0.00
7	Final groundwater modelling**			2,5% of subtotal 1			R0.00
8	Contingency			10,0% of subtotal 1			R0.00
SUBTOTAL 2							R1,341.90
VAT (15%)							R8,252.67

GRAND TOTAL (SUBTOTAL 1 + SUBTOTAL 2 + VAT) R63,270.47