

CALCULATION OF THE QUANTUM

Momotipo Projects

Haakdoornboom 267 JR

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	R19,00	1	1	R0,00
2(A)	Demolition of steel buildings and structure	m ²	0	R271,00	1	0	R0,00
2(B)	Demolition of reinforced concrete buildings and structures	m ²	0	R400,00	1	0	R0,00
3	Rehabilitation of access roads	m ²	100	R49,00	1	0,1	R490,00
4(A)	Demolition and rehabilitation of electrified railway lines			R471,00			R0,00
4(B)	Demolition and rehabilitation of non-electrified railway lines	m	0	R257,00	0	0	R0,00
5	Demolition of housing and/or administration facilities	m ²	0	R542,00	1	0	R0,00
6	Opencast rehabilitation including final voids and ramps	ha	3	R284 292,00	1	0,1	R85 003,31
7	Sealing of shafts, adits and inclines	m ³	0	R146,00	1	1	R0,00
8(A)	Rehabilitation of overburden and spoils	ha	0,12	R189 528,00	0,52	0,1	R1 182,65
8(B)	Rehabilitation of processing waste deposits and evaporation ponds (salts)	ha		R236 054,00			R0,00
8(C)	Rehabilitation of processing waste deposits and evaporation ponds (acidic, metal-rich waste)	ha	0	R685 612,00	1	0	R0,00
9	Rehabilitation of subsided areas	ha	0	R158 701,00	1	1	R0,00
10	General surface rehabilitation	ha	5	R150 138,00	1	0,1	R75 069,00
11	River diversions	ha	0	R150 138,00			
12	Fencing	m	0	R171,00	1	1	R0,00
13	Water management	ha	0	R57 087,00	1	1	R0,00
14	2 to 3 years of maintenance and aftercare	ha	5	R19 980,00	0,1	0,1	R999,00
15(A)	Specialist study	sum					
15(B)	Specialist study	sum					
SUBTOTAL 1							R162 743,96
1	Weighting factor 2			(0%, 5% or 10%)			
2	Preliminary and General			12,5% of subtotal 1			R0,00
3	Administration and supervisiønn 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			R4 068,60
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							R4 068,60
VAT (15%)							R25 021,83
GRAND TOTAL (SUBTOTAL 1 + SUBTOTAL 2 + VAT)							R191 834,39