

## CALCULATION OF THE QUANTUM

Addwatt (Pty) Ltd

Eildon 456

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 <sup>3</sup>	0	R19,00	1	1	R0,00
2(A)	Demolition of steel buildings and structure	m <sup>2</sup>	0	R271,00	1	0	R0,00
2(B)	Demolition of reinforced concrete buildings and structures	m <sup>2</sup>	0	R400,00	1	0	R0,00
3	Rehabilitation of access roads	m <sup>2</sup>	100	R49,00	1	1	R4 900,00
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 <sup>2</sup>	0	R542,00	1	0	R0,00
6	Opencast rehabilitation including final voids and ramps	ha	1	R284 292,00	1	0	R0,00
7	Sealing of shafts, adits and inclines	m <sup>3</sup>	0	R146,00	1	1	R0,00
8(A)	Rehabilitation of overburden and spoils	ha	1	R189 528,00	0,52	0	R0,00
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	1,5	R150 138,00	1	0,1	R22 520,70
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	1,5	R19 980,00	1	0,1	R2 997,00
15(A)	Specialist study	sum					
15(B)	Specialist study	sum					
<b>SUBTOTAL 1</b>							<b>R30 417,70</b>
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			R760,44
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
<b>SUBTOTAL 2</b>							<b>R760,44</b>
<b>VAT (15%)</b>							<b>R4 676,72</b>
<b>GRAND TOTAL (SUBTOTAL 1 + SUBTOTAL 2 + VAT)</b>							<b>R35 854,86</b>