

**CALCULATION OF THE QUANTUM**

Applicant:  
Evaluators:

**Empire Mega Gem Pty Ltd, Farm Mimosa 61 Ho District of Schweizer Reneke  
Milnex CC**

Ref No.:  
Date:

NW MP  
Apr-22

No.	Description	Unit	A	B	C	D	E=A*B*C*D
			Quantity	Master Rate	Multiplication factor	Weighting factor 1	Amount (Rands)
1	Dismantling of processing plant and related structures (including overland conveyors and powerlines)	m3	132	17,14	1	1	2262,48
2 (A)	Demolition of steel buildings and structures	m2	12	238,71	1	1	2864,52
2(B)	Demolition of reinforced concrete buildings and structures	m2	0	351,79	1	1	0
3	Rehabilitation of access roads	m2	200	42,72	1	1	8544
4 (A)	Demolition and rehabilitation of electrified railway lines	m	0	414,61	1	1	0
4 (A)	Demolition and rehabilitation of non-electrified railway lines	m	0	226,15	1	1	0
5	Demolition of housing and/or administration facilities	m2	12	477,42	1	1	5729,04
6 A	Opencast rehabilitation including final voids and ramps	ha	1,2	242984,15	0,04	1	11663,24
7	Sealing of shafts adits and inclines	m3	0	128,15	1	1	0
8 (A)	Rehabilitation of overburden and spoils	ha	0,2	166847,44	1	1	33369,488
8 (B)	Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential)	ha	0,1	207805,47	1	1	20780,547
8 ( C )	Rehabilitation of processing waste deposits and evaporation ponds (polluting potential)	ha	0	603565,59	1	1	0
9	Rehabilitation of subsided areas	ha	0,03	139709,6	1	1	4191,288
10	General surface rehabilitation	ha	0,1	132171,31	1	1	13217,131
11	River diversions	ha	0	132171,31	1	1	0
12	Fencing	m	0	150,77	1	1	0
13	Water management	ha	0,01	502255,25	1	1	5022,5525
14	2 to 3 years of maintenance and aftercare	ha	0,5	17589,34	1	1	8794,67
15 (A)	Specialist study	Sum	0			1	0
15 (B)	Specialist study	Sum				1	0
						Sub Total 1	116438,9557
1	Preliminary and General		13972,67468		<b>weighting factor 2</b>		13972,67468
						1	
2	Contingencies			11643,89557			11643,89557
						Subtotal 2	142055,53
						VAT (15%)	21308,33
						<b>Grand Total</b>	<b>163364</b>