

CALCULATION OF THE QUANTUM (FLAT RATES - AVERAGE CPI)

Applicant:	KDG FERROCHROME SMELTER	Ref No: LEDET REFERENCE: 12/1/9/2-V196
Evaluators:	GUDANI CONSULTING	Date: Jul-25

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	500000	21.87	1	1	R10 935 000.00
2 (A)	Demolition of steel buildings and structures	m2	50000	304.68	1	1	R15 234 000.00
2(B)	Demolition of reinforced concrete buildings and structures	m2	10000	449	1	1	R4 490 000.00
3	Rehabilitation of access roads	m2	100000	54.52	1	1	R5 452 000.00
4 (A)	Demolition and rehabilitation of electrified railway lines	m	0	529.18	1	1	R0.00
4 (A)	Demolition and rehabilitation of non-electrified railway lines	m	0	288.64	1	1	R0.00
5	Demolition of housing and/or administration facilities	m2	5000	609.36	1	1	R3 046 800.00
6	Opencast rehabilitation including final voids and ramps	ha	0	310 130.00	1	1	R0.00
7	Sealing of shafts adits and inclines	m3	0	163.56	1	1	R0.00
8 (A)	Rehabilitation of overburden and spoils	ha	10	212 953.80	1	1	R2 129 538.00
8 (B)	Rehabilitation of processing waste deposits and evaporation ponds (non-polluting potential)	ha	0	265 230.10	1	1	R0.00
8 (C)	Rehabilitation of processing waste deposits and evaporation ponds (polluting potential)	ha	0	770 353.94	1	1	R0.00
9	Rehabilitation of subsided areas	ha	0	178 316.73	1	1	R0.00
10	General surface rehabilitation	ha	150	168 695.33	1	1	R25 304 299.50
11	River diversions	ha	0	168 695.33	1	1	R0.00
12	Fencing	m	10000	192.43	1	1	R1 924 300.00
13	Water management	ha	20	64 142.71	1	1	R1 282 854.20
14	2 to 3 years of maintenance and aftercare	ha	150	22 449.95	1	1	R3 367 492.50
15 (A)	Specialist study	Sum	0	0	1	1	R0.00
15 (B)	Specialist study	Sum	0	0	1	1	R0.00
					Sub Total 1		R73 166 284.20

1	Preliminary and General	R8 779 954.10	weighting factor 2	R8 779 954.10
			1	
2	Contingencies	R7 316 628.42		R7 316 628.42
			Subtotal 2	R89 262 866.72

VAT (15%)	R13 389 430.01
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Grand Total	R102 652 296.73
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