

**CLOSURE AND FINANCIAL PROVISION ASSESSMENT- PHASE 1 COMPARTMENT (~30 HECTARES)**

Date 2021/06/04

**Project Details:**

Project Risk Class:	A	Coal
Project Area Sensitivity:	Low	Low sensitivities as per EIA assessment
Weighting Factor 1:	1	Flat
Weighting Factor 2:	1,05	Peri-urban: Less than 150 km from a developed urban area

No	Sub-Task	Unit	A. Quantity	B. Master Rate	C. Multiplication factor	D. Weighting Factor 1	E. = A*B*C*D
1	Dismantling of processing plant and related structures (including overland conveyors and power lines).	m3	0	R 16,16	1,00	1,00	R 0,00
2A	Demolition of steel buildings and structures.	m2	0	R 225,10	1,00	1,00	R 0,00
2B	Demolition of reinforced concrete buildings and structures.	m2	0	R 331,72	1,00	1,00	R 0,00
3	Rehabilitation of access roads.	m2	0	R 40,28	1,00	1,00	R 0,00
4A	Demolition and rehabilitation of electrified railway lines.	m	0	R 390,96	1,00	1,00	R 0,00
4B	Demolition and rehabilitation of non-electrified railway lines .	m	0	R 213,25	1,00	1,00	R 0,00
5	Demolition of housing and facilities.	m2	0	R 450,20	1,00	1,00	R 0,00
6	Opencast rehabilitation including final voids and ramps.	ha	0	R 229 126,23	0,04	1,00	R 0,00
7	Sealing of shafts, adits and inclines.	m3	0	R 120,84	1,00	1,00	R 0,00
8A	Rehabilitation of overburden and spoils.	ha	0	R 157 331,77	1,00	1,00	R 0,00
8B	Rehabilitation of processing waste deposits and evaporation ponds (basic, salt-producing waste).	ha	0	R 195 953,87	1,00	1,00	R 0,00
8C	Rehabilitation of processing waste deposits and evaporation ponds (acidic, metal-rich waste).	ha	30	R 569 142,93	0,59	1,00	R 10 073 829,87
9	Rehabilitation of subsided areas.	ha	0	R 131 741,66	1,00	1,00	R 0,00
10	General surface rehabilitation, including grassing of all denuded areas.	ha	0	R 124 633,30	1,00	1,00	R 0,00
11	River diversions.	ha	0	R 124 633,30	1,00	1,00	R 0,00
12	Fencing.	m	0	R 142,17	1,00	1,00	R 0,00
13	Water management (Separating clean and dirty water, managing polluted water and managing the impact on groundwater, including treatment, when required).	ha	2,0861	R 47 389,09	0,60	1,00	R 59 315,02

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14	Maintenance and Aftercare (2-3 years)	ha	30	R 16 586,18	0,60	1,00	R 298 551,25
15A	Specialist Study: Updated Geotechnical assessment and risk assessment	Sum	0	R 150 000,00	0,60	1,00	R 0,00
15B	Specialist Study: Updated Geohydrological model	Sum	0	R 350 000,00	0,60	1,00	R 0,00
15C	Specialist Study: NEMA EIA and Closure Plan	Sum	0	R 150 000,00	0,60	1,00	R 0,00
SUB-TOTAL							R 10 431 696,14
<b>SUB-TOTAL 1</b>			<b>Weighting Factor 2 (Step 4.4)</b>			<b>1,05</b>	<b>R 10 953 280,95</b>
<b>Time, Fee and Contingencies</b>							
1	Preliminary and general			12% of Sub-total 1 if <R100 000 000	R	1 314 393,71	
<b>SUB-TOTAL 2</b>							<b>R 12 267 674,66</b>
2	Contingencies			Add 10% of Sub-total 1		R 1 095 328,09	
<b>SUB-TOTAL 3</b>							<b>R 13 363 002,76</b>
	VAT			at 15% of Sub-total 3		R 2 004 450,41	
<b>GRAND TOTAL</b>							<b>R 15 367 453,17</b>