



**EXECUTIVE ADJUDICATION**

**GROUP SUPPLY CHAIN**

**THE PROVISION OF PROFESSIONAL SERVICES TO DETERMINE THE EXTENT OF TRINITY METALS LTD MINE  
REHABILITATION LIABILITY AND THE DEVELOPMENT PER MINE OF INTEGRATED AND COSTED MINE CLOSURE AND  
REHABILITATION PLANS  
15 MAY 2024**

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## 1. BACKGROUND

Trinity has commissioned updated Environmental and Social Impact Assessments (ESIAs) for each of the Mines. This process, which entails extensive baseline social, cultural, and biophysical studies, is programmed for completion in May 2024.

Rehabilitation and Closure Planning and Costing has not been previously undertaken for the three mines which fall under Trinity Metals. There is therefore no basis to the proposed exercise.

Group Environmental concluded a Statement of Work 10 March which resulted in:

- Group Supply Chain publishing 22 March in Rwanda press and radio an Expression of Interest calling for local Tenderers to pre-qualify as a tenderer
- The Enquiry document was concluded 18 March
- The Expression of Interest closed 8 April and MTL Consulting of Tanzania was accepted as a tenderer.
- Group Supply Chain issued an official enquiry to:
  - SA based: SRK, SLK Consulting, Etek Consulting, and Digby Wells
  - Tanzania based Mtl Consulting with affiliation to Pewisco Ltd, 1<sup>st</sup> Floor Narl Zalus House, KG 11 AV, Kimironko-Gasabo
- All tenderers attended the Zoom Site Meeting 12 April.
- The tender close date was 6 May.
- Zoom tender review meeting undertaken 8 May with SLR and Etek the two most commercially and technically competitive tenderers. Tender errors and omissions identified, validated and updated. Programme and willingness to include local Environmental representation reviewed and aligned.

## 2. SCOPE OF SERVICES AND TIMELINES

Determine the of extent of mining liability; development of Integrated Mine Closure and Rehabilitation Plans; and determination of Liability Cost Estimates for each of the three mines.

The services to meet the Rwandan National Regulations for environmental rehabilitation guarantee (Regulations of the Chief Executive Officer No. 001/MINES/RMB/2029 of 18/07/1029 Determining the Nature, Amount and Deposit of Environmental Rehabilitation Guarantee). In addition to national regulations, the services provided must be aligned to Good International Industry Practice for mine rehabilitation, closure and costing.



**Phase I: Initial Site Visit and Scope of Mine Liability**

- Site visit to all three of Trinity Mines for an overview of conditions across the operations;
- Workshop with Group and Mine Management to define the scope of each operation's legacy liability. This will inform the detailed Scope for the Mine Closure and Rehabilitation Plans and quantum.

**Phase II: Development of High-level Rehabilitation and Closure Plans for each of the TMG mines.**

- Review of relevant legal requirements and international best practice with respect to mine rehabilitation and closure;
- Review of all related environmental and social assessments and baseline studies;
- Determination of Closure Objectives and End landuse;
- High-level Rehabilitation and Closure Risk Assessment;
- Development of Rehabilitation and Closure Criteria; and
- Development of separate Rehabilitation and Closure Plans for each of the TMG mines.

**Phase III: Estimation of Rehabilitation and Closure Costing**

- Data collection and site quantity survey.
- Mine Closure Liability Estimates for each of the TMG mines.
- Preliminary as well as LOM closure liability estimates are required.

**DELIVERABLES**

1. Phase I Report: including the definition of the TMGs mines legacy and SOW for Phases IIa and IIb;
2. Mine Rehabilitation and Closure Reports for each of TMG's operations (Rutongo Mines; Trinity Nyakabingo and Trinity Musha).
3. Separate Closure Liability Estimates for each of TMG's operations (Rutongo Mines; Trinity Nyakabingo and Trinity Musha)

**PROGRAMME**

Initial Site Visit May 2024, Draft (Sept) and Final (Oct) Mine Rehabilitation and Closure Report, Draft (Nov) and Final (Dec) Closure Liability Estimate



### 3. Comparison

#### 3.1 Number of hours and cost per Phase

Tenderer	SLR Consulting		SRK		Etek		Digby Wells		Mtd Consulting	
<b>Phase 1 Initial Site Visit and Scoping of Mine Liability</b>										
Estimated number of hours	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars
Trinity Nyakabingo Mine Ltd	32	\$5 000	108	\$14 553	18	\$1 221	66	\$17 354		
Rutongo Mines Ltd	32	\$5 000	156	\$21 406	106	\$7 191	98	\$11 549		\$10 180
Trinity Musha Mines Ltd	48	\$6 000	132	\$17 974	65	\$4 410	82	\$14 447		\$15 395
Etek Disbursements						\$2 332				
<b>Grand Total for Phase 1</b>	<b>112</b>	<b>\$16 000</b>	<b>396</b>	<b>\$53 933</b>	<b>189</b>	<b>\$15 154</b>	<b>246</b>	<b>\$43 350</b>		<b>\$32 825</b>
<b>Phase 2 Development of High-level Rehabilitation and Closure Plans for each of the three Mines</b>										
Estimated number of hours	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars
Trinity Nyakabingo Mine Ltd	137	\$13 013	290	\$34 727	85	\$4 458	76	\$9 391		\$30 470
Rutongo Mines Ltd	137	\$13 013	338	\$39 974	500	\$26 224	76	\$9 391		\$48 520
Trinity Musha Mines Ltd	137	\$13 013	302	\$35 937	310	\$16 259	76	\$9 391		\$37 170
Etek Disbursements						\$2 542				
<b>Grand Total for Phase 2</b>	<b>411</b>	<b>\$39 039</b>	<b>930</b>	<b>\$110 638</b>	<b>895</b>	<b>\$49 483</b>	<b>228</b>	<b>\$28 173</b>		<b>\$116 150</b>
<b>Phase 3 Estimation and Final Rehabilitation and Closure Costing</b>										
Estimated number of hours	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars
Trinity Nyakabingo Mine Ltd	106	\$8 630	122	\$14 751	35	\$1 758	60	\$9 602		\$11 575
Rutongo Mines Ltd	106	\$8 630	186	\$22 330	202	\$10 147	84	\$7 201		\$20 910
Trinity Musha Mines Ltd	212	\$17 260	143	\$17 160	125	\$6 279	54	\$6 601		\$12 025
Etek Disbursements						\$310				
<b>Grand Total for Phase 3</b>	<b>424</b>	<b>\$34 520</b>	<b>451</b>	<b>\$54 241</b>	<b>362</b>	<b>\$18 494</b>	<b>198</b>	<b>\$23 404</b>		<b>\$44 510</b>
Professional Indemnity as required in terms of Section D Clause 5.		\$300 000		\$218 812		\$213 000		\$94 918		\$250 000
<b>Grand Total Excluding Professional Indemnity</b>	<b>947</b>	<b>\$89 559</b>	<b>1 777</b>	<b>\$218 812</b>	<b>1 446</b>	<b>\$83 131</b>	<b>672</b>	<b>\$94 927</b>		<b>\$193 495</b>

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### 3.2 Air Travel, Accommodation and Subsistence Allowance

Air Travel		SLR Consulting	SRK	Etek	Digby Wells	Mtl Consulting					
		Number of Return Economy Flights:	Number of Return Economy Flights:	Number of Return Economy Flights:	Number of Return Economy Flights:	Number of Return Economy Flights:					
Economy air travel from Contractor's Head Office to and from Rwanda, to be arranged by and for the account of the Employer.	Phase 1	2	3	3	2	2					
	Phase 2	1	0	2	0	3					
	Phase 3	2	1	0	0	3					
	<b>Total</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>8</b>					
Mine Site Accommodation		Number Employees to be sent to Mine Site:	Number Employees to be sent to Mine Site:	Number Employees to be sent to Mine Site:	Number Employees to be sent to Mine Site:	Number Employees to be sent to Mine Site:					
Transfers to and from Airport and Mine Sites and accommodation including food and beverages (excluding cold drink and alcohol) for the account of the Employer	Phase 1	2	3	3	2	3					
	Phase 2	1	0	2	0	4					
	Phase 3	2	1	0	0	4					
	<b>Total</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>11</b>					
Subsistence Allowance per Contractor's Employee		No. of Employees	Rate per Day	No. of Employees	Rate per Day	No. of Employees	Total Disbursement	No. of Employees	Rate per Day	No. of Employees	Total Disbursement
Phase 1		2	\$50	3	\$55	3	\$26	2	\$263	14	\$40
Phase 2		1	\$50	0		2	\$26	0		13	\$40
Phase 3		2	\$50	1	\$55	0	\$0	0		14	\$40
<b>Total</b>		<b>5</b>	<b>\$250</b>	<b>4</b>	<b>\$20</b>	<b>5</b>	<b>\$130</b>	<b>2</b>	<b>\$526</b>	<b>41</b>	<b>\$1 640</b>

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### 3.3 Previous Experience

	SLR Consulting	SRK	Etek	Digby Wells	Mtl Consulting
EMPLOYER	Tshipi e Ntle Manganese Mining (Pty) Ltd EIA and Closure Plan and Costing	Kamoto Copper Company	Trevall Mining Corporation - Parkoa Mine	Universal Coal	Shanta Gold Mining - Shanta Mining Company Limited
SCOPE	EIA and Closure Plan Costing	Prepare mine closure, gap assessment, stakeholder engagement plan, prepare annual rehabilitation/progressive rehabilitation strategy and plan AIO and LOI assessment. Advise on regulatory requirements	Compilation of Closure Plan 5 Months	2022 NBC, NCC and Roodekop, Kangal and Ubuntu Collieries Closure Costing Assessments	Mine Closure Plan
DURATION	3 Years	Jan 2021 - ongoing DRC	5 months	12 weeks	2023 - Ongoing
LOCATION	Hotazel, South Africa	DRC	Burkina Faso	SA, Delmas	Singida Region Tanzania
CONTRACT VALUE	\$130000.00	Confidential	\$ 119,227	R607 681	\$ 45 000
EMPLOYER'S CONTACT DETAILS	Sable Building, Fairway Office Park, 52 Grosvenor Rd, 2191, RSA	papoga@katanamining.com	Mr Diti Moussa Palento Directeur des Affaires Corporatives, Trevall Parkoa dpalento@treval.com Fax: +226 25 30 01 33 Mobile: +226 77 21 70 31	Redwin Tshisudzungwane, redwin.t@ndalamo.com	Shanta Mining Company Limited, 1st Floor, Horizon Building, Plot No. 157, Haile Selassie Road, Oysterbay Dar es Salaam, Tanzania
EMPLOYER	Botash	Goldfields Ghana	Letseng Diamonds	Debswana Diamond	Geita Gold Mine
SCOPE	Closure Costing	Updating of mine closure plans for the Tarkwa and Damang Gold mines. Undertake a detailed "readiness" for closure	Updates of Closure and Rehabilitation Plan 5 Months	Mine Closure Assessment for the Environmental Management Plan Iwaneng Mine	Mine Closure and Rehabilitation Plan
DURATION	Every 5 years since 2009	March 2023 - April 2025 Ghana	5 Months	12 weeks	2019 and an update in 2023
LOCATION	Francistown, Botswana	Ghana	Lesotho	Botswana	Geita Region, Tanzania
CONTRACT VALUE	\$263000.00	Confidential	R099.00	BWP 100 492	\$ 185 000
EMPLOYER'S CONTACT DETAILS	+ (267) 74 001 593 / + (267) 621 3210	Jones.Mantey@goldfields.com	Mr Dongani Ntshoko Rehabilitation and Land Coordination Manager ntshokob@letseng.co.ls +27 71 055 4078	Boitumelo Gabankitse	Geita Gold Mine, 1st Floor Mikumi House, Plot 368, Masasani Road, Oysterbay

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### 3.4 Technical Evaluation

	SLR	SRK	EIEK	DW	MTL
Documents submitted:	Trinity Form of Tender with all required information CVs	Form of Tender Technical Proposal detailing approach, experience, programme etc	Covering Letter Technical Proposal detailing Approach Financial Proposal Offer Schedule of Rates Detailed Programme Project team and CVs Alterations previous experience Company Profile and supporting compliance documents Health and Safety Policy	Trinity Form of Tender etc Technical Proposal Team CVs	Form of tender CVs Company Profile Company compliance documents Additional info on previous experience Additional programme
Country of Reg/ Base	South African	South African	South African	South African	Tanzanian
Partnership with Rwandan Co?	No	No	No	No	Yes - partner with PEMSCO Ltd. Through our joint venture, MTL Consulting will bring experience in mine closure plans including liability assessment development of integrated closure and rehabilitation options as well as development of mine closure cost estimates to meet international best practices while PEMSCO will bring more the local experience and engagement with key stakeholders for the successful operation of a mine closure plans which meets the local requirements.
Team No and Expertise	Team Size: 5 Project Manager (D Ota) Project Sponsor (79) Teamwork (Nalasha) Engineer Lead Engineer	Team Size: 6 James Lake - Rehab and Closure Expert Principal Env Eng Senior Hydrologist Civil Engineer Technologist (BoQ) Senior Civil Technology Senior Social Scientist	Team size: 9 Director/Principal EM Director/ Technical Lead EM and Mine Closure EM and Mine Closure Consultant GIS / Geotechnologist Civil Engineer GS Dutiesman x2	Team Size: 6 Technical Reviewer and Project Sponsor Principal Mine Closure Consultant Mine Closure Intern (?) Mine Closure Consultant GIS Specialist	Team size: 9 Project manager Team Leader and Mining Eng Env Expert Social Expert Env Eng - Hydrology Air Quality, Noise and Vibration GIS Specialist Quantity Surveyor Assistant GS

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	SLR	SRK	E/EX	DW	MTL
Experience in Central Africa / Rwanda	Yes - SLR are currently doing the ESA. Closure experience (3 quoted), Botswana, Ghana and South Africa	Yes - but not in Rwanda	Yes - but not in Rwanda, Botswana, Lesotho, Zambia, Mozambique, Burkina Faso	Yes in Rwanda - CCA for PPC Rwanda. Closure experience (3 quoted), Botswana, Rwanda and South Africa.	Yes in Rwanda, but not mine rehabilitation and closure related. (see Pg 74 of submission) These were related to SME Mineral Cluster Development in Rwanda, and Skills enhancement for Mining Engineers and Technicians in Rwanda. Assessment of Development Mineral Value Chains and Policy Options. MTL extensive experience in Tanzania (Lushoto, Anglo Gold, Shanta)
<b>RESOURCES &amp; RATES</b>					
PHASE I: Hours	128	390	180	246	486
PHASE II: Hours	407	930	896	229	2136
PHASE III: Hours	424	450	362	198	600
<b>TOTAL HOURS</b>	<b>959</b>	<b>1770</b>	<b>1448</b>	<b>673</b>	<b>3312</b>
<b>RATES / hr:</b>					
Partner / Project Director		\$187	\$84	No rates provided in the tender.	Unclear of allocation - rates vary between \$37 - \$56 / hr
Technical / Env Lead (Senior Engineer / Civil)	\$200	\$156	\$84		
Engineering technologist / Env Manager	\$50	\$36	\$84		
Senior Hydrologist			\$57		
Social Scientist		\$82			
Mine Closure consultant		\$99			
Junior Engineer	\$35		\$56		
GIS Specialist			\$30		
Administrator		\$56			
<b>Programme:</b>					
Phase I	22/05 - 30/05	May - Dec 2024	24/05 - 21/06	20/05 - 31/05	10/05 - 31/05
Phase II	June - end Oct		24/06 - 18/10	31-Oct-24	01/06 - 31 Oct
Phase III	May - End Dec		02/06 - 06/12	31-Dec-24	01/11 - 31/12

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	SLR	SFK	ETEK	DW	MTL
<b>Alterations</b>	None indicated	None	Yes	None indicated	Yes
<b>Details:</b>	N/A	N/A	<p><b>Duration and termination:</b>            Project duration is expected to be 8 months from date of receipt of appointment and Purchase order (date of signing of contract between parties). The time frame might need extension if inputs are delayed for reasons beyond the contractor's control. We accept the 30 days written contract termination notice period. All professional time and disbursement for expenses incurred up until the termination date will however be invoiced and payable by the employer to the contractor.</p> <p><b>Professional and Contractor's Indemnity (USD 217,216)</b></p> <p><b>Health and Safety - Policy Provided</b></p> <p>The Contractor is in good standing with the South African Compensation Commissioner for injuries on duty. We obtain (optional) travel insurance cover for emergency medical assistance for project team members during the periods of site visits.</p> <p><b>Intellectual Property Rights</b></p>	N/A	<p><b>Make up of Specialist Team:</b>            According to our experience, the closure plan will consist of a baseline chapter and completion criteria. These chapters do state the need to have other experts such as air quality, noise and vibration, social expert with mine closure experience, hydrogeologist, Mining Engineer &amp; AQM expert, and biodiversity expert. We have added them and assigned office inputs.</p> <p>Not necessary in our opinion - given that we have just completed all these baseline studies.</p>
<b>Professional Indemnity</b>					
<b>Provided</b>	Yes (\$300,000)	Yes (\$216,812)	Yes (\$216,216)	Yes (\$34,915)	Yes (\$250,000)
<b>Experience</b>					
<b>Form provided</b>	Yes	Yes	Yes (3x projects)	Yes	Yes
<b>Additional information</b>	None	Yes	Extensive summary of experience	None	Yes
<b>Personnel CVs</b>	Yes	Yes	Yes	Yes	Yes

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	SLR	SRK	ETEK	DW	MTL
Additional Company Information Provided	None	None	Yes	None	Yes
Company Profile			Yes		Yes
Company Registration Documents			Yes		Yes
Letter of good standing			Yes		Yes
Tax compliance status			Yes		Yes
Confirmation of Vat Registration			Yes		Yes
Proof of professional indemnity			Yes		Yes
Health and Safety Policy			Yes		
Passport copies			Yes		
Mine Closure Specialists	Yes - but recent capacity taken on board.	yes - among other services	YES - extensive experience - core business	Yes - among a wide range of other services	Yes - among other Services
ASSESSMENT	No clarity on the approach to the study or deliverables in terms of reports. No phase I report indicated. SLR recently set up inhouse Mine Closure and rehab capacity. D Otto - comes from Digby Walls. Only been with SLR for a "few months" Prior to this, used ETEK for all their closure and rehab planning and costing.	This is too detailed for where we are at the moment - if we were closer to closure and required a higher level of accuracy, then this may be appropriate (closure workshops, social closure plans etc etc etc), but <u>not</u> where we are at the moment.	Extensive submission Detailed Project proposal supplied, clearly outlining deliverables, which include: Phase I Report Post-Mining Landuse and Closure Vision Rehabilitation and Closure Criteria Closure Risk Assessments Closure Cap Analysis and Master Action Plan Closure Cost Estimates Detailed Programme provided Detailed Financial Proposal supplied Experienced team and best value for money. Most senior personnel will undertake initial site visit. <b>RECOMMENDED FOR APPOINTMENT</b>	Technical Proposal Phase 1 Report 3 x Closure Plans 3 x CCAM Models (premature and LDM) Closure Objectives and End Landuse Rehabilitation and Closure Risk Assessment rehab and Closure Criteria Closure Plans Closure Costing Model. NOTE: There has been some movement of staff from ETEK to DW in the past couple of years - the approach is very similar and this was methodology developed by ETEK.	Extensive proposal indicating a vast experience in Tanzania. Some experience in Rwanda but not Mine Rehab and Closure related Unfortunately - they missed the point about us doing the ESIA now and have assumed that they will need to do some of the baseline work (noise, air quality, biodiversity etc).







4. COMMERCIAL AND TECHNICAL RECOMMENDATION: Etek

Tenderer	SLR Consulting		SRK		Etek		Digby Wells		MTI Consulting	
	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars	No. of Hours	Total US Dollars
Grand Total Excluding Professional Indemnity	947	\$89 559	1 777	\$218 812	1 446	\$83 131	672	\$94 927		\$193 495

MOTIVATION Most Competitive Pricing, Hours comparable, Mine Rehabilitation and Closure Experience. In the zoom tender review meeting 8 May, Etek confirmed 100% confidence with tender pricing, have the in-house technical skills, confirmed Phase 1 Site visit 2/8 June and willingness to include local Environmental representation in their project team.

JEOME SANDE SIGNATURE  DATE 15/05/2024  
 JOANNE DANEEL SIGNATURE  DATE 15/02/2024  
 SAM RYUMUGABE SIGNATURE  DATE 15/05/2024

5. AUTHORISATION

GM NYAKABINGO SIGNATURE  DATE 16/05/2024  
 GM MUSHA SIGNATURE  DATE 16/05/2024  
 GM RUTONGO JACO SIGNATURE  DATE 16/5/2024  
 CEO Peter Geleta SIGNATURE  DATE 16/05/2024

