



FORM B: CAPITAL APPLICATION

PROJECT NAME:	12.5 tph Crushing Plant		
PROJECT LEADER:	Ronald Toledo	CONS. ASS. NO.:	
DATE:	June 2, 2025	CA NO.:	Proc 001/04/2025

A	PROJECT DESCRIPTION
<p>Musha trinity is exploring every corner in the concession to see where we can get more tin and coltan in order to increase the current production status. As we are looking forward to increasing the production, Current processing method (mainly sluicing plant) have shown that it needs some improvement because the sampling campaign shows that the 61% of the total production lost in the tailings are from big rocks that is why crushing the ROM (with an average grade of 0.5%Sn before handpicking) before it goes to sluices will be key in improving the production targets as the recovery will be improved as well because there will be more liberation of the tin and coltan ore hidden in those rocks. This crushing plant will also process the available sluice tailings stockpiled around the tailings dam. The sluice tailings have an average grade of 0.096%Sn</p>	

B	MOTIVATION
<ul style="list-style-type: none"> - Lack of alternative production sources for Trinity Musha has been one of the challenges or concerning bottlenecks to achieving, and/or exceeding our targets. We have been relying on Musha Tunnel and Artisanal shafts that are in Musha, but it was proven that this cannot sustain our business unless alternative solutions are created. In this regard, our current sluicing plant is losing a lot of production in their tailings due to the inefficient work because of these big rocks in the ROM materials to be sluiced, and these rocks are holding above 60% of the total production lost, so we are confident that if we set a crushing plant and renovate the sluice boxes very well, we will improve our daily production. 	

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- Financial study (Based on the available surveyed tons of sluice tailings and delivery from Musha ROM)
 - o NPV = \$ 656,291,430
 - o IRR = 13%
 - o Payback = 10 months

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C Costing Selected Option				
#	ITEMS	UNIT	UNIT COST	TOTAL COST
1	Cone crusher (Nyakabingo)	1	\$ 12,394.00	\$ 12,394.00
2	Conveyors and structures (Nyakabingo)	3	\$ 3,333.33	\$ 10,000.00
3	Double deck vibrating screen (Nyakabingo)	1	\$ 7,804.00	\$ 7,804.00
4	Single deck vibrating screen (Nyakabingo)	1	\$ 7,804.00	\$ 7,804.00
5	3/2 slurry pump (Nyakabingo)	1	\$ 237.00	\$ 237.00
6	Jig concentrator (Nyakabingo)	1	\$ 2,815.00	\$ 2,815.00
7	Civils materials	1	\$ 10,000.00	\$ 10,000.00
8	Electricals	1	\$ 15,000.00	\$ 15,000.00
9	Steels	1	\$ 15,000.00	\$ 15,000.00
10	Tail Pulley	5	\$ 411.94	\$ 2,059.69
11	Head Pulley	5	\$ 1,015.39	\$ 5,076.96
12	Movable Jaw plate wedge	1	\$ 887.50	\$ 887.50
13	Toggle plate	1	\$ 384.72	\$ 384.72
14	Water pump(40 m3/h)	1	\$ 15,000.00	\$ 15,000.00
15	Desliming cyclone	1	\$ 749.06	\$ 749.06
16	Stacker cyclone	1	\$ 1,567.11	\$ 1,567.11
17	SCREEN PU PANNELS 1mm	1	\$ 2,975.63	\$ 2,975.63
18	Conveyor belt (900mm)	150	\$ 35.77	\$ 5,365.50
19	Superscrew (BT trusplice)	11	\$ 368.33	\$ 4,051.60
20	Idle rollers	200	\$ 18.22	\$ 3,643.11
21	Return rollers	50	\$ 30.63	\$ 1,531.47
22	Import duties for items 12-21, 30%	1	\$ 10,846.71	\$ 10,846.71
23	Freight cost (estimate)	1	\$ 8,000.00	\$ 8,000.00
TOTAL COSTS				\$ 143,193.05

E	PROJECT SCHEDULE
-	Gantt chart attached



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F	COMMENTS		
HOD	Ronald Toledo – Group Metallurgist	<i>RAP Toledo</i>	
	June 2, 2025		
GENERAL MANAGER/GM	Missionnaire Mbanza,		
	July 7, 2025.		
GROUP FINANCE CONTROLLER	<i>Vsaw 14/07/2025</i>		
GROUP LEGAL COUNSEL & COMPLAINCE OFFICER			
GROUP SUPPLY CHAIN MANAGER	Jeome Sande	<i>Jeome Sande</i>	15/7/2025
COO	Shane Ryan	<i>Shane Ryan</i>	15/7/2025
CFO			

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G	APPROVAL	
CEO	 15/7/2025	 PETER GELETA CEO of Trinity Metals Group +250791959034 info.rw@trinity-metals.com Enabling a better future
BOARD		

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