

**Capital/Non-Routine Expenditure Application (CNA)**  
This form must be used to obtain approval before any capital and non-routine expenditure is incurred.  
 HODs/Project managers must ensure that proper upfront planning has been done and must meet all the deliverables (cost, quality, time and scope of works).

CA Number (to be assigned by Finance )

A. GENERAL				
1	Operation	Musha Mine	2 Department	MRM
3	Head of Department	ERIC NIYOKURI	4 Project Sponsor	MBANZA MISSIONNAIRE
5	Project Owner	GILBERT IRANDENGEYE	6 Project 2nd-in-charge	PATRICK NTIBAZANKWIRA

B. PROJECT IDENTIFICATION				
1	Project Name	3D Scanning Technology Acquisition _FJD Trion S2		
2	Project Category	Sustaining: Capital Maintenance/Improvements/Major Components	Parent CNA ref	
3	Project Type	New asset	4 Asset Classification	Mining equipment

C. FINANCIAL INFORMATION				
1	Budgeted/Unbudgeted	Budgeted - 5 Yr Plan	2 Approved Budget Amount (5Yrs):	16,999
3	Current year budget	Q1:	Q2:	Q3: 16,999 Q4:
4	Previous CNA request:	+	Current CNA request: 9,864	= Total project costs 9,864
5	If unbudgeted, what budgeted project to offset? (name of project and budget amount) ?			
6	Reason for substitution			
The 3D Scanner (FJD Trion S2), originally scheduled for Q3, has been brought forward to Q2 by swapping with the Total Station which was planned for Q1, due to the critical and urgent survey coverage gaps in the Musha Tunnel and Ntungwa underground workings that pose immediate risks to reserve reporting, reconciliation accuracy, and regulatory compliance.				

D. PROJECT OVERVIEW	
1	<p><b>Project Description/Background</b></p> <p>This project proposes the procurement of one (1) FJD Trion S2 Handheld 3D Laser Scanner, including processing software, accessories, and operator training, to address critical survey coverage gaps in the Musha Tunnel and Ntungwa underground operations. Currently, numerous raises and winzes remain unsurveyed due to the limitations of the conventional total station in vertical, confined, and hazardous underground excavations, resulting in unreliable ore reserve reporting, inaccurate production reconciliation, uninformed mine planning, and unmonitored ground stability risks that expose the operation to safety incidents and regulatory non-compliance. The FJD Trion S2 will eliminate these blind spots by capturing high-density 3D point cloud data in previously inaccessible areas, delivering accurate volumetric calculations, improved reconciliation, and geotechnical monitoring, ultimately strengthening reserve confidence, reducing operational risk, and ensuring data-driven underground operations across the current year and 5-year business plan.</p>
2	<p><b>Alternatives Considered</b></p> <p>Several alternatives were evaluated prior to recommending the FJD Trion S2. The current practice of tape and compass surveying, while used as a quick interim solution, proved unreliable due to measurement errors, data gaps, and inability to produce 3D models.</p>

3. Schedule & Milestone dates				
	Schedule & Milestone	Responsible	Target Date	Duration (days)
a	3D Quotation & Market Research	Gilbert Irandengeye/Sebatian	2026-May-04	5
b	CNA Document Preparation	Gilbert Irandengeye/Patrick	2026-May-07	3
c	Management of Change (MOC) Initiation & Review	Gilbert/Patrick NTAGISANIMANA	2026-May-27	9
d	MOC Approval & Sign-Off	Gilbert/Patrick	2026-May-29	2
e	CAN Approvals & Submission	Gilbert/Patrick	2026-Jun-04	7
f	Finance Analysis, Assumptions & CAPEX Budget Approval	Gilbert/Gratien	2026-Jun-05	1
g	Purchase Order Issuance	Seba	2026-Jun-09	4
h	Supplier Order Confirmation & Lead Time	Seba/Joseph	2026-Jun-11	2
i	Equipment Delivery & Inspection	Seba/Joseph	2026-Jul-10	29
j	Operator Training & Commissioning	Gilbert/Supplier	2026-Jul-15	5
k	First Underground Scan _Commencement of full scanning	Gilbert/Musha Survey Team	2026-Jul-16	1+
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**4 Risks management considerations & mitigation (attached additional sheet if necessary):**

	Risks	Mitigation	Responsible
a	Delivery delays due to international shipping	Place PO immediately upon approval and monitor supplier lead times closely	Seba/Joseph
a	Operator skill gap in using the FJD Trion S2	Conduct supplier-led training and commissioning upon delivery	Gilbert/Survey Team
a	Data storage and processing limitations for point cloud data	Confirm software and server storage capacity prior to equipment arrival	Gilbert/Simbi
a	Budget overrun due to import duties and taxes	Obtain fully landed cost quotation before final CNA approval	Seba/Joseph
a	Equipment damage in harsh underground environment (Raise/Winzes)	Ensure protective casing is used and operator follows equipment handling procedures underground	Gilbert/Survey Team

**5 Management of change considerations (attached additional sheet if necessary):**

	Management of change considerations	Responsible
a	Technology Change: Introduction of FJD S2 LiDAR scanner replacing traditional tape, compass, and total station survey methods for underground raises and winzes	Gilbert/Survey Team
b	Procedure & Workflow Update: Existing survey procedures to be revised to incorporate 3D scanning, data capture standards, point cloud processing, and new reporting requirements	Gilbert/Survey Team
c	Competency & Training: Survey personnel to undergo formal training on FJD Trion S2 prior to underground deployment	Gilbert/Supplier
d	Health & Safety Assessment: Identification and mitigation of new hazards associated with operating the scanner in confined raises and winzes	Patrick/Gilbert
e	Standard Operating Procedures (SOPs): Development and approval of SOPs for scanner operation, calibration, maintenance, and emergency response before implementation	Gilbert/Simbi

**E REPLACEMENT ASSET(S) (required if project type selected is "replacement asset")**

**1 Details of asset being replaced (attached additional sheet if necessary):**

	Asset Number	Description	Net Book Value	Proposed Mode of Disposal
a	N/A	N/A	N/A	
b				
c				
d				
e				
f				
g				

**2 Redundant/obsolete spare parts/consumables (attached additional sheet if necessary):**

Will any existing inventory of spares / consumables relating to the asset being replaced need to be scrapped or written off?

Yes (fill-out details below)

No

	Stock Item Number	Description	Net Book Value	Proposed Mode of Disposal
a	N/A	N/A	N/A	
b				
c				
d				
e				
f				
g				

**F MAJOR COST COMPONENTS (attached additional sheet if necessary):**

Description	Supporting document/reference	Original currency		US\$ FX rate	US\$
		Curr	Amount		
FJD Trion S2 LiDAR Scanner	PI260429006	US\$	9,000	1.000	9,000
FJD Trion Model Permanent Standard	PI260429007	US\$	499	1.000	499
SWITCHING ADAPTOR	PI260429008	US\$	30	1.000	30
Charging cable	PI260429009	US\$	5	1.000	5
Adapter	PI260429010	US\$	20	1.000	20
Quick-detach Stabilizing Vest	PI260429011	US\$	310	1.000	310
					0
					0
					0
					0
					0
<b>Total</b>					<b>9,864</b>

**•Comments on project expenditure**

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G TIMING OF EXPENDITURE (US\$ '000)													
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Prior expenditure													
Current Year						10							10
Future Years													
Total Value													10

H PROJECT VALUATION							
1 Analysis required (based on justification category)				REQUIRED - FOCUS ON COMPLETING RISK MATRIX, QUANTIFICATION & ALTERNATIVE ANALYSIS WHERE APPLICABLE (NPV, IRR & PAYBACK PERIOD)			
2 Risk ranking for Legislative/Regulatory/Risk/Governance/G&A (attached risk evaluation)							
Current situation	Severity/Impact I4	Probability P7	Heat map 28	If project is completed	Severity/Impact I2	Probability P1	Heat map
3 ICT Impact? <input type="checkbox"/> Yes (ICT Manager approval needed) <input checked="" type="checkbox"/> No							
4 Key financial assumptions							
5 Result of the financial valuation:							
a	Net cash flow US\$						
b	NPV (Net present value) US\$						
c	IRR (Internal Rate of Return) %						
d	Payback (years)						

Project Name	3D Scanning Technology Acquisition_FID Trion S2	Project Value (US\$)	9,864
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I SIGN OFFS AND APPROVALS			
Position	Name	Signature	Date
PROJECT OWNER <i>Required for all CNAs</i>	Gilbert Idroba		28/05/2026
DEPARTMENT MANAGER <i>Required for all CNAs</i>	Eric Njorani		28/05/2026
FINANCE SUPERINTENDENT OR MANAGER <i>Required for all CNAs</i>	Andrew Mwanishi		28/05/2026
GROUP SUPPLY CHAIN MANAGER <i>Required for all CNAs</i>	Jeome Sande		28/05/2026
Group OHS Manager <i>Required for all CNAs</i>			02/06/2026
GENERAL MANAGER <i>Required for all CNAs</i>	MISSION AREE Njorani		02/06/2026
ICT MANAGER <i>For projects requiring ICT expenditure or modifications</i>			
HEAD OF THE PROJECT COMMITTEE <i>For projects subject to stage gating process</i>	S.T. Ryeu		02/06/2026
COO <i>&gt;\$50k-\$100k in budget; &gt;\$10k-\$20k out of budget (N/A for CSR Activity)</i>	S.T. Ryeu		02/06/2026
CFO <i>&gt;\$100k-\$250k in budget; &gt;\$20k-\$50k out of budget (N/A for CSR Activity)</i>			
CEO <i>&gt;\$250k-\$400k in budget; &gt;\$50k-\$100k out of budget (CSR Activity &lt;\$100k)</i>			
BOARD OF DIRECTORS <i>&gt;\$400k in budget; &gt;\$100k out of budget (CSR Activity &gt;\$100k)</i>			

Received by Finance	
Name	
Position	
Date	

System	
GL created in system by	
Created date:	
GL notification sent on	