



## 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)

NYA-2025-01

A. GENERAL			
1	Operation	Nyakabingo Mine	2 Department Mining
3	Head of Department	Wisdom Tichaona Mugwagwa	4 Project Sponsor Justin UWIRINGIYIMANA
5	Project Owner	Oreste Twagiramungu	6 Project 2nd-in-charge Erneste Rugina

B. PROJECT IDENTIFICATION			
1	Project Name	Force and Exhaust Ventilation System Electrical Cables	
2	Project Category	Sustaining: Legislative/Regulatory/Risk mitigation/Governance/G&A	Parent CNA ref NA
3	Project Type	Supplemental	4 Asset Classification Mining development & infrastructure

C. FINANCIAL INFORMATION			
1	Budgeted/Unbudgeted	Budgeted - 5 Yr Plan	2 Approved Budget Amount (5Yrs): US\$400,000
3	Current year budget	Q1:                    yes                    Q2:                    Q3:                    Q4:	
4	Previous CNA request:	+    Current CNA request:	165,000    =    Total project costs    165,000
5	If unbudgeted, what budgeted project to offset? (name of project and budget amount) ?		
6	Reason for substitution		

### D. PROJECT OVERVIEW

**1 Project Description/Background**

The current compressed air ventilation system doesn't provide clean and sufficient air. It is also consuming air meant for drilling. Establishing Force and Exhaust ventilation System Powered by 22.5KW Electrical fans in all our operational tunnels. Proper ventilation System creates safe working environment for our People and machines. Since it is an electrical system, we need cables to Supply electricity. Targeted Areas of this ventilation system are: bv13c, BV20, BV22 & BV21. This project helps us realize our objective to comply with blasting regulations. This infrastructure also ties into the Ventilation study conducted by Barra Consulting for the larger, more advanced and sustainable ventilation system.

**2 Alternatives Considered**

Using compressed air and holings to ventilate underground workings . This current system reduces compressed air pressure for drilling and does not support control the circulation of fresh and foul. In addition, the deeper we mine, the more mechanical ventilation is needed to sustain operations.

**3 Schedule & Milestone dates**

Schedule & Milestone		Responsible	Target Date	Duration (days)
a	Ordering	Mine Superintendent	2026-Jan-27	7 days
b	Delivery	Mine Superintendent	2026-Feb-04	7 days
c	Installations in BV13C, BV20, BV21 and BV22	Engineering Sup/Mine Sup	2026-Feb-18	14 days
d	Commissioning	Eng Sup/Mine Sup/Mine Man./Ops Manager	2026-Feb-19	1 day
e				
f				
g				
h				
i				
j				
k				
l				

**4 Risks management considerations & mitigation (attached additional sheet if necessary):**

Risks		Mitigation	Responsible
a	Fire and Overheating hazards from using incorrect cables	Check the wiring diagram of the fans	Emmanuel Mugabuhagaze
a	Failure of the fans to run	Verify the electrical load of the fans	Emmanuel Mugabuhagaze
a	Lack of sufficient fresh air to ventilate the mine for employees, gas & fumes exposure	Install sufficient ventilation systems using the requested cabling	Willem JV Rensburg
a	Lack of sufficient fresh air to ventilate the mine for mobile machinery	Install sufficient ventilation systems using the requested cabling	Willem JV Rensburg
a			

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

Management of change considerations		Responsible
a	Capacity and load of the ventilation system	Ops/Mining/Engineering
b	Airflow Balance	Ops/Mining/Engineering
c	Utility Impacts ( Electricity Consumption)	Engineering (Electrical)
d	Placement of Force and Exhaust Fans	Ops/Mining/Engineering
e	Recce to detrmine flow & return of contaminated air	Ops/Mining/Engineering/SHEC/MRM

**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			
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			
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		
450m Electrical Cable( 4*70 mm <sup>2</sup> )	Proforma Invoice NO:0124	RWF	45,450,000	0	30,906
350m Electrical Cable( 4*35 mm <sup>2</sup> )	Proforma Invoice NO:0124	RWF	19,950,000	0	13,566
350m Electrical Cable( 4*35 mm <sup>2</sup> )	Proforma Invoice NO:0125	RWF	19,950,000	0	13,566
400m Electrical Cable( 4*70 mm <sup>2</sup> )	Proforma Invoice NO:0126	RWF	40,400,000	0	27,472
500m Electrical Cable( 4*35 mm <sup>2</sup> )	Proforma Invoice NO:0126	RWF	28,500,000	0	19,380
600m Electrical Cable( 4*70 mm <sup>2</sup> )		RWF	60,600,000	0	41,208
500m Electrical Cable( 4*35 mm <sup>2</sup> )		RWF	28,500,000	0	19,380
					0
					0
					0
					0
<b>Total</b>					165,478

**•Comments on project expenditure**

Base on the supplier proforma


G TIMING OF EXPENDITURE (US\$'000)													
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Prior expenditure													
Current Year		165											165
Future Years													
													Total Value
													165

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	Probability	Heat map	If project is completed	Severity/Impact	Probability	Heat map
		I6	P7	42		I1	P2	2
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	Force and Exhaust Ventilation System Electrical Cables	Project Value (US\$)	165,000
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I SIGN OFFS AND APPROVALS			
Position	Name	Signature	Date
PROJECT OWNER <i>Required for all CNAs</i>	Orate WIRUNGSIAMANT		22-01-2021
DEPARTMENT MANAGER <i>Required for all CNAs</i>	Wisdom T Muganyizi		22-01-2021
FINANCE SUPERINTENDENT or MANAGER <i>Required for all CNAs</i>	Jean Claude PM		28/12/2020
GROUP SUPPLY CHAIN MANAGER <i>Required for all CNAs</i>			
Group OHS Manager <i>Required for all CNAs</i>	Jfferewiri		23/01/2021
GENERAL MANAGER <i>Required for all CNAs</i>	Justin WIRUNGSIAMANT		23/01/2021
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>			
COO <i>&gt;\$50k-\$100k in budget; &gt;\$10k-\$20k out of budget (N/A for CSR Activity)</i>			
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	

System	
GL created in system by	

Position	
Date	

Created date:	
GL notification sent on	

ET 11 2023