

## FORM B: CAPITAL APPLICATION

**PROJECT NAME:** Construction of Water Dams at BV 6 Quarry  
**PROJECT LEADER:** Kevin MWIZERWA **CONS. ASS. NO.:** \_\_\_\_\_  
**DATE:** 19<sup>th</sup> June 2025 **CA NO.:** \_\_\_\_\_

A	PROJECT DESCRIPTION
	Construction of water dams at BV 6 quarry to capture water from Dam 4. The system will use gravity to distribute water to the whole site, removing reliance on active pumping at BV 18.

B	MOTIVATION
	This project aims to improve water management efficiency by enabling gravity-fed distribution from Dam 4. It will eliminate the need for one Caprali pump currently located at BV 18, resulting in energy and cost savings. Additionally, the dam will assist in the settling process of lime-dozed water, enhancing dilution and reducing sediment load in downstream systems.

C	SELECTED COSTING OPTION			
EQUIPMENT LIST	QUANTITY	UNIT	UNIT PRICE	PRICE (USD)
<b>Costing</b>			<b>(USD rate estimate 1450)</b>	
Steel tubes (60*40*2)	80	pcs	65,000	
Wire mesh (120*240*2)	60	Pcs	180,000	
Liner	1200	M <sup>2</sup>	6,000	
Labour	30	People	165,000	
Contingency 10%			2,815,000	
<b>Sub Total</b>			<b>30,965,000</b>	
Taxes and Assessment				
<b>TOTAL</b>			<b>30,965,000</b>	<b>21,355</b>

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D	RISK ASSESSMENT
	<ul style="list-style-type: none"> <li>• Construction delays due to late payments of materials or terrain</li> <li>• Safety hazards during construction.</li> </ul> <p>Mitigation will include phased implementation, engineering controls, and periodic inspections.</p>

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E	PROJECT SCHEDULE
	<ul style="list-style-type: none"> <li>• Planning &amp; Design: May 2025 (completed)</li> <li>• Procurement: June 2025 (In progress)</li> <li>• Construction Start: June 2025</li> <li>• Estimated Completion: September 2025</li> </ul>

F	COMMENTS
GROUP FINANCE	
CEO	
DIRECTOR	

G	APPROVAL
CEO	
BOARD	

**NOTE: attach additional quotes or supporting documents if necessary**

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