

FORM B: CAPITAL APPLICATION

PROJECT NAME: LHD MODEL; WJ-1
 PROJECT LEADER: J PIERRE NIYITEGEKA CONS. ASS. NO.: _____
 DATE: May 7, 2025 CA NO.: N25-06

A	PROJECT DESCRIPTION
	LHD; Model; WJ-1 Underground Loader from QIXIA DALI MINING MACHINERY CO.LTD CHINA Specs; 1m3 remote control with video

B	MOTIVATION
	We are opening a new tunnel, BV24. This means it must have all the necessary equipment to proceed.

C	SELECTED COSTING OPTION			
EQUIPMENT LIST	QUANTITY	UNIT	UNIT PRICE	PRICE (USD)
Costing				
LHD	1	Piece	\$60 000	\$60 000

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Sub Total				\$62 000
Taxes and Assessment				\$3 365
TOTAL				\$65 365

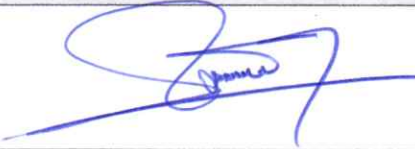





D	RISK ASSESSMENT
<p>Currently, we don't have enough Load-Haul-Dump (LHD) results, which is causing delays in bringing out the blasted tailings from the decline. This delay affects the cleaning time, especially when we experience equipment breakdowns.</p>	

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TRINITY METALS

E	PROJECT SCHEDULE
As soon as possible.	

F	COMMENTS
HOD	
GENERAL MANAGER/GM	JUSTIN UWIZINGIJIMANA 
GROUP FINANCE CONTROLLER	This is on the Budget 
GROUP LEGAL COUNSEL & COMPLIANCE OFFICER	
GROUP SUPPLY CHAIN MANAGER	Jeome Junde 19/06/2025 19/06/2025
COO	St. Ryan  19/06/25
CFO	

G	APPROVAL
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CEO	
BOARD	

LHD(Scooptram) Specification



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Power Train

Engine	
Engine	DEUTZ BF4L914 / 66kw
Emission.....	EURO II / Tier 2
Air Filter.....	Two stage & dry type
Purifier.....	Catalytic purifier with silencer
Transmission	
Type.....	Hydrostatic
Pump.....	DANFOSS T90
Motor.....	SAUER MV23
Transfer Case.....	DLWJ-1

Axle	
Brand.....	DALI
Model.....	PC-15-B F/R
Type.....	Rigid planetary axle
Tire	
Model.....	10.00-20 PR14 L-4S
Material.....	Nylon

Operator's Compartment

Canopy

Floor washable with water to reduce dust
Low frequency suspension seat

Dashboard & Displays

Critical warnings and alarms Displayed as warning lights
Instrument Panel Electric gauges
Instrument Panel Illuminated switches

Frame

Rear & Front Frame

High strength welded steel structure with optimized material thicknesses
Tanks Bolted & Welded

Bucket

Bias 450(anti-wear)Material
Type V shaped(reduce resistance)

Hydraulic

Filling pump for hydraulic oil
Oil cooler for hydraulic oil
120L Hydraulic oil tank capacity

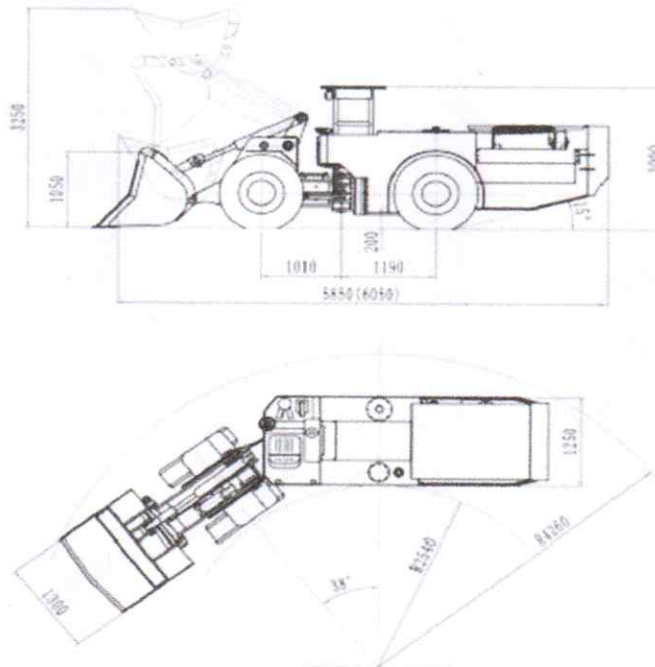
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Technical Specification

Dimension	
Overall Size.....	5850(6050)*1300*2000
Min. Ground Clearance.....	200mm
Max. Lift Height.....	3250mm
Max. Unloading Height.....	1050mm
Capacity	
Bucket.....	1m ³ (1.5yards)
Payload.....	2000KG
Max Breakout Force.....	45KN
Max Traction.....	50KN
Climing Ability(Laden).....	20°
Axle Oscillation Angle.....	± 8°

Performance	
Speed.....	0~8km/h
Boom Raising Time.....	≤ 3.8s
Boom Lowering Time.....	≤ 1.9s
Dumping Time.....	≤ 2.5s
Weight	
Operation Weight.....	6750kg
Laden Weight.....	8750kg
Front Axle(Empty).....	2230kg
Rear axle(Empty).....	4520kg
Front Axle(laden).....	5050kg
Rear Axle(laden).....	3700kg

Dimension Drawing



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