





FOSKOR (PTY) LTD

TECHNICAL SCOPE OF REQUIREMENTS

FOR THE

**THE SUPPLY OF A TRACTOR-LOADER-BACKHOE (TLB) FOR SOCIAL AND
LABOUR PLAN**

DOCUMENT- AND PROJECT APPROVAL		
FOSKOR OFFICIAL	SIGNATURE	DATE
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SCOPE OF REQUIREMENTS FOR THE SUPPLY OF A TLB

1. INTRODUCTION

Foskor (Pty) Ltd. is an opencast mining and beneficiation operation situated in Phalaborwa. The core business of the Phalaborwa operation is the mining and beneficiation of phosphate rock. (The Foskor operation situated in Richards Bay is primarily a producer of phosphoric acid, phosphate-based fertilizers, and lower volumes of sulphuric acid)

As part of its mining rights and commitments of the Social and Labour Plan (SLP), Foskor is required to procure a TLB which is to be handed over to the Ba-Phalaborwa Municipality for use. The intended use is to assist the municipality with service delivery to the community at large.

2. BASIC REQUIREMENT

The supply of ONE self-propelled, 4X4 wheel driven, diesel powered TLB with minimum specs as per below:

Engine & Powertrain

- **Net Power:** 77 kW (103 hp) @ 1,600 rpm
- **Torque Rise:** 36%
- **Emission Rating:** Tier 3 / Stage IIIA
- **Transmission:** Powershift with torque converter
- **Drive:** True four-wheel drive with limited-slip front axle
- **MFWD:** Momentary mechanical-front-wheel drive, engageable on the fly

Operating Capacities

- **Operating Weight:** 7,962 kg (17,554 lb)
- **Fuel Tank Capacity:** 160 L
- **Hydraulic System:** Load-sensing, closed-center
- **Hydraulic Pump Flow:** 143 L/min

Backhoe Performance

- **Max Digging Depth (Standard Dipperstick):** 4.08 m (13 ft 5 in)
- **Max Reach from Swing Pivot:** 5.49 m
- **Loading Height:** 3.58 m
- **Bucket Digging Force:** 63.5 kN
- **Dipperstick Digging Force:** 42.3 kN

Loader Performance

- **Lift Capacity to Full Height:** 3,406 kg
- **Breakout Force:** 61.2 kN

- **Bucket Width Options:** 2,235 mm (standard), others optional
- **Bucket Capacity:** ~1.0 m³ depending on configuration

Dimensions

- **Transport Length:** 5.89 m
- **Transport Width:** 2.35 m
- **Transport Height:** 3.76 m
- **Wheelbase:** 2.19 m
- **Ground Clearance:** 0.36 m

Operator Station

- **Cab:** Enclosed ROPS/FOPS cab with HVAC
- **Seat:** Mechanical or air-suspension adjustable
- **Controls:** Ergonomic joystick and loader lever
- **Display:** Multi-function LCD with diagnostics

Additional Features

- **Canopy or Cab Options:** Available
- **Lighting:** LED work lights front and rear
- **Serviceability:** Ground-level access to filters and checkpoints

The TLB must be delivered fully equipped, fully fuelled and ready for operation and must comply with all the specifications and requirements of this scope.

The TLB must be manufactured and tested to meet all SAE, ISO and/or SANS standards and requirements for TLB.

3. SITE AND OPERATIONAL CONDITIONS

The TLB will be handed over to the local municipality and operated mainly for the following purposes but not limited to:

- cleaning spillages around town making the area safe to prevent safety incidents.
- Digging of trenches and grounds to expose leaking pipes.

The TLB will normally travel on both rough gravel and fine sand with a hard-crystalline structure. During the extreme summer months temperatures can reach up to 45 °C.

Under normal conditions the TLB will be utilised for 24 hours per day, 7 days a week, although actual utilisation during this time will be approximately 8 hours per day.

4. MINIMUM PRE-BID QUALIFICATION CRITERIA AND -REQUIREMENTS

The bidder/supplier (Company) must be an industry recognized dealer in the supply of top-branded earth moving machines- and equipment within the mining-, construction-, and industrial industries and must comply with the following mandatory pre-qualification criteria and -requirements before any bid will be considered for technical- and/or commercial evaluation and assessment.

Provide the following supporting information on an official company letterhead, -brochure or similar document:

- a) Guarantees/warranty on TLB and all spares, major and minor components, materials, equipment, auxiliaries, and installations for a minimum period of at least 48 months / 6000 hours
- b) Service Plan – service every 500hours (maximum 6000hours/48 months). on-site scheduled service and inspection of the TLB, including the supply of labour, travelling, accommodation and service kits.
- c) First (250 hour) on-site scheduled service and inspection of the TLB, including the supply of labour, travelling, accommodation and service kits.

IMPORTANT NOTICE

ALL NON-OEM (Original Equipment Manufacturer) DEALERS OR BIDDERS MUST INCLUDE AND ATTACH TO THE OFFICIAL TENDER SUBMISSION A LETTER STATING THAT THE BRANDED OEM:

- 1. HAS SUPPLIED AT LEAST THREE OF THE SAME OR SIMILAR SIZED TLB IN THE PAST FIVE YEARS (Provide TLB description, client, contact person, date of purchase order, etc).**
- 2. WILL CARRY FULL RESPONSIBILITY OF THE TLB SUPPLIED WHILST UNDER WARRANTY CONDITIONS.**
- 3. WILL PROVIDE FULL AFTER SALES SERVICE.**
- 4. HAS LOCALLY AVAILABLE MORE THAN 95% OFF REQUIRED SPARES TO SERVICE AND MAINTAIN THE TLB.**
- 5. HAS IN ITS EMPLOY A FULLY TRAINED AND QUALIFIED FIELD MAINTENANCE- AND SUPPORT TEAM**

5. TLB SPECIFICATIONS AND REQUIREMENTS

This scope covers the minimum specifications, requirements, and basic characteristics for a self-propelled, diesel powered TLB.

5.1. GENERAL

- a) The TLB must be equipped to ensure optimal efficiency under given Phalaborwa operating conditions.
- b) The TLB offered must comply with the following standards of safety:
 - I. OHS standard procedures and requirements for safety and health.
 - II. The Occupational Health and Safety Act
 - III. All relevant SAE, ISO and SANS standards
- c) All materials and parts used must be freely available in the Republic of South Africa for a minimum period of fifteen (15) years.
- d) All tests and inspections of the assembled TLB and major components must be conducted at the suppliers' premises prior to dispatching to site in Phalaborwa.
- e) The supplier is responsible for the transporting to site and offloading of the TLB.
- g) All meetings will be held on Foskor premises, unless arranged otherwise.
- h) Upon delivery, the TLB will undergo a complete inspection to ensure that all the requirements of this SCOPE have been met.

5.2. AIR CONDITIONER

- a) The air conditioner unit must be designed to maintain a cabin temperature of between 18°C and 25°C under the following given extreme conditions:

PARAMETER	VALUE
Maximum outside summer temperature	45°C
Maximum outside winter temperature	30°C
Minimum outside winter temperature	0°C
Approximate altitude above sea level	450 m

- b) All major components of the air conditioner, except the condenser and cab-heating unit, must be housed together in one modular unit.
- c) The compressor must be designed to deliver the required cooling output at the average engine speed encountered during the machines normal operating cycle.
- d) All units offered must be ozone friendly and operate on refrigerant R134A.

5.3. BRAKES

- a) Fail safe braking system to be fitted.
(Full description of the braking system to be attached to official quotation)
COMPLIANCE CERTIFICATE TO BE ATTACHED TO OFFICIAL QUOTE / SUPPLIED WITH TLB.
- b) All steel pipes in the hydraulic braking circuit must be seamless.

5.4. TYRES

- a) Tyres must be suited to operate in rough terrain.

5.5. BATTERY ANTI-THEFT PREVENTION GUARD

- a) TLB to be provided with a guard, case or similar locking mechanism to prevent battery theft.

5.6. FUEL TANKS

- a) Fuel tanks of sufficient capacity for 12 hours continuous operation must be fitted.
- b) Fuel tank to be fitted with a lockable fuel cap.
- c) A level probe, indicating full, as well as 3-hour fuel reserve, must be supplied and must be connected to the Vital Signs system or warning panel.
- d) A 400-mm standpipe on breather must be supplied. Breather design must prevent spillage during filling.

5.7. HYDRAULIC COMPONENTS

- a) Where possible, hydraulic lines must be of steel and routed separately from electrical cables, hot engine components and exhaust system.
- b) The hydraulic pressure rating must be indicated.
- c) Hydraulic filters must be specified, and electrical by-pass indication must be indicated.
- d) Contamination control instrument coupling must be installed to draw oil samples.



6. DATA PACK (DOCUMENTATION AND CERTIFICATION)

The TLB must be delivered with the following ORIGINAL certificates and documentation:

- a) Certificate authenticating that the working **LIGHTS** illumination was tested by a competent authority for functional performance requirements. Supply illumination Certificate

- b) Certified that the working noise level does not exceed 105 DB and was tested by a competent authority for functional performance requirements. Supply noise level test certificate.

7. INFORMATION REQUIRED

The following additional information is to be submitted together with the official quotation:

- a) Details of closest service and parts centre to Ba-Phalaborwa Municipality
- b) Names and contact details of other clients that have purchased similar machines within the past 24 months.
- c) Engine repair- and maintenance cost estimates based on 30,000 operating hours, with a minimum of 3,000 hours per year.
- d) Estimated running costs. Estimates must include detailed information on the following:
 - i. Time between overhauls and / or replacements
 - ii. Spares cost for all overhauls
 - iii. Labor hours required for overhauls.
 - iv. Quantities, replacement intervals and cost of all filters and consumables
 - v. Oil changing intervals and volumes required. Minimum ISO / SAE lubrication specifications to be included in quotation.
 - vi. Summarized detailed repair- and maintenance estimates.
(Running costs must exclude operator costs)
 - vii. Stipulate guarantee period on all major components.
 - viii. List of critical spares that must be kept on site.

8. QUALITY ASSURANCE

Quality assurance and workmanship of the supplied TLB and/or any support, components, spares, installations, and training is the responsibility of the supplier. Omission from any prescribed or agreed upon item, procedure or service that could have an adverse effect on the quality of the TLB and/or any support, components, spares, and training will be brought to the attention of the supplier. Failure by the supplier to correct any reported defects or to show objective evidence of acceptable conformance to requirements will result in immediate termination of contract.

Components or systems not fitted by the OEM (Original Equipment Manufacturer) shall meet the OEM standards and be approved by the OEM, who will carry the full responsibility and guarantee.

9. AFTER SALES SERVICE

- a) Full guarantee on TLB and all spares, major and minor components, materials, equipment, auxiliaries, and installations with standard TLB warranty to be mentioned in the official tender.
- b) **Full description of planned support during and after the guarantee period to be attached to the official quotation.**

10. COMMERCIAL and BID ASSESSMENT

IMPORTANT NOTICE

It remains the responsibility of the bidder to ensure that the above-mentioned specifications and requirements have been read, is understood and provided for in the official quotation.

To assist the bidder and to ensure that all items listed in this SCOPE have been provided for, and to assist with the tender evaluation process, the bidder is required to complete following tables.

**DO NOT OMIT ANY INFORMATION AS REQUESTED IN THE TABLES BELOW
INFORMATION AND DETAILS MUST BE PROVIDED FOR EACH ITEM.
ATTACH AND REFERENCE IF SPACE INSUFFICIENT**

**INFORMATION PROVIDED MUST BE DETAILED AND CLEAR AND CONTAIN
SUFFICIENT INFORMATION TO ENABLE BID EVALUATION COMMITTEE TO MAKE A
DECISIVE ASSESSMENT.**

DO NOT ONLY TICK (✓) OR USE THE WORD YES.

10.1. MANDATORY SUPPLY ITEMS AND INFORMATION

**FAILURE NOT TO PROVIDE FOR ALL MANDATORY REQUESTED ITEMS OR
INFORMATION WILL RESULT IN IMMEDIATE REJECTION OF QUOTE OR BID**

ALL NON-OEM (Original Equipment Manufacturer) DEALERS OR BIDDERS MUST INCLUDE AND ATTACH TO THE OFFICIAL TENDER SUBMISSION A LETTER STATING THAT THE BRANDED OEM:

- 1. IS A RECOGNISED SUPPLIER OF EARTH MOVING MACHINES AND EQUIPMENT.**
- 2. HAS SUPPLIED AT LEAST THREE OF THE SAME OR SIMILAR SIZED TLB IN THE PAST TWO YEARS
(Provide TLB description, client, contact person, date of purchase order, etc)**
- 3. WILL CARRY FULL RESPONSIBILITY OF THE TLB SUPPLIED WHILST UNDER WARRANTY CONDITIONS.**
- 4. WILL PROVIDE FULL AFTER SALES SERVICE.**
- 5. HAS LOCALLY AVAILABLE MORE THAN 95% OFF REQUIRED SPARES TO SERVICE AND MAINTAIN THE TLB.**
- 6. HAS IN ITS EMPLOY A FULLY TRAINED AND QUALIFIED FIELD MAINTENANCE- AND SUPPORT TEAM**

10.2. TECHNICAL EVALUATION

FAILURE TO CONFIRM COMPLIANCE OR NOT TO PROVIDE REQUESTED INFORMATION WILL RESULT IN A REDUCED TECHNICAL EVALUATION SCORE THAT COULD ADVERSELY AFFECT THE BIDDERS CHANCE OF BEING AWARDED THIS CONTRACT/ORDER.

ANY BID/QUOTATION WITH A TECHNICAL EVALUATION SCORE OF LESS THAN 70% WILL NOT BE CONSIDERED.

	Criteria	Weight	Scores	Required document/proof
1.	Maintenance support service, ability for quick respond to breakdown callout.	30%	Respond within 24hours = 100% Respond within 48hours = 70% Respond within 72hours = 50% Respond exceeding 72hours = 0%	Provide confirmation.
2.	Have supplied at least three (3) same or similar sized TLB in the past five (5) years.	40%	Comply = 100% Does not comply= 0%	(Provide details of pervious orders/projects successfully completed, i.e. TLB description, client, contact person, date of purchase order and delivery, etc)
3.	Lead time for delivery of TLB	30%	6 weeks = 100% 6 to 8 weeks = 80% 8 to 10 weeks = 70% 10 to 12 weeks = 50% 12 to 14 weeks = 30% Above 14 weeks = 0	Provide confirmation.
		100%		

10.3.BID / QUOTATION REQUIREMENTS

BIDDER TO PROVIDED FOR AND CLEARLY INDICATE IN THE OFFICIAL QUOTATION THAT EACH AND EVERY ITEM HAS BEEN INCLUDED

OFFICIAL QUOTATION TO CONTAIN A DETAILED COST BREAKDOWN
(Failure not to provide for all requested items could lead to rejection of quotation)

FOSKOR RESERVES THE RIGHT TO REMOVE ANY LISTED ITEM

- i. Detailed description of any items or conditions that the bidder does not meet to be attached to the official quotation.
- ii. The bidders standard service warranty agreement to be attached to the official tender.
- iii. Any other optional features, support, spares, training or guarantee not mentioned in this scope may be noted on the official tender.
- iv. Quotation prices to be valid for at least **60 days**.
- v. If any minimum requirements may alter or be added for whatever reason, it will be brought to the attention of the bidder before the closing date for the submission of the tender.

11. PRICING SCHEDULE

Description: Supply of 1 X Self-propelled, 4X4 wheel driven, diesel powered TLB.

All items of expense to be Included in Pricing Schedule.

1	ITEM	Quantity	Price per unit	Total
1	The supply of ONE self-propelled, 4X4 wheel driven, diesel powered TLB (MINIMUM SPECIFICATIONS AND REQUIREMENTS APPLY)	1		
Total (excluding VAT)				
VAT @ 15%				
TOTAL (Including VAT)				

LEAD TIME FOR DELIVERY

Leadtime in weeks (Delivery to site) : _____ Weeks (from date of award)

Delivery is crucial for this work. Foskor reserves the right to physically confirm/ inspect availability and progress with installations at bidder's site.



Signed with Impression - Chain of Custody



Signature Request

Signature Request ID:	21609e4a-89e3-4194-a568-f7e6ecc49c69	Timestamp:	2026-02-11 09:39:50 GMT
Signee Name:	Audrit Mayenetja	Sender Name:	Audrit Mayenetja
Request Type:	WebSigning	Request Status:	WEBVIEWER SIGNED

Original Document

Document Name:	Supply of TLB for Production VRev Municipality.pdf	Document Size:	379.3 KB
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Email Evidence

Signee Email:	audritm@foskor.co.za	Email Subject:	A document from Audrit Mayenetja is ready for signature
Email Sent Timestamp:	2026-02-11T09:39:10.601902	Email Opened Timestamp:	Not available in Silent Mode

Web Evidence

Signee IP Address:	41.21.226.206	Request Timestamp:	2026-02-11 09:39:24 GMT
Signee GPS (if shared):	ZA: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/144.0.0.0 Safari/537.36 Edg/144.0.0.0	Terms Accepted Timestamp:	2026-02-11 09:39:33 GMT

Annotations and Modifications

Signature Count:	1	Form Fields Filled Count:	0
Text Annotation Count:	1	Initial All Pages Count:	0
Single Initial Count:	0		

Signing Evidence

Signee Mobile:	+27615033912	Sign Type:	WebSigning
Security Challenge:	NONE	Part of Workflow:	968e7a21-da11-4af9-912b-5821d48ae8f5

Chain Of Custody Generation

Attached Document Name:	20260211T093949.991502Z Supply of TLB for Production VRev Municipality.pdf	Attached Timestamp:	2026-02-11 09:39:50 GMT
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Signed with Impression - Chain of Custody



Signature Request

Signature Request ID:	035428c1-b911-4eed-8acd-97cf177f363d	Timestamp:	2026-02-17 11:03:51 GMT
Signee Name:	Vhontsia Ramashia	Sender Name:	Greg April
Request Type:	WebSigning	Request Status:	WEBVIEWER SIGNED

Original Document

Document Name:	Approved Scope TLB Feb 2026.pdf	Document Size:	795.7 KB
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Email Evidence

Signee Email:	vhontsiar@foskor.co.za	Email Subject:	A document from Greg April is ready for signature
Email Sent Timestamp:	2026-02-17T07:57:59.588880	Email Opened Timestamp:	Not available in Silent Mode

Web Evidence

Signee IP Address:	41.21.226.206	Request Timestamp:	2026-02-17 11:02:29 GMT
Signee GPS (if shared):	ZA: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/145.0.0.0 Safari/537.36 Edg/145.0.0.0	Terms Accepted Timestamp:	2026-02-17 11:02:40 GMT

Annotations and Modifications

Signature Count:	1	Form Fields Filled Count:	0
Text Annotation Count:	1	Initial All Pages Count:	0
Single Initial Count:	0		

Signing Evidence

Signee Mobile:	+27780458854	Sign Type:	WebSigning
Security Challenge:	NONE	Part of Workflow:	d6a29e18-b74e-4b98-92c9-281dec170e63

Chain Of Custody Generation

Attached Document Name:	20260217T110351.666712Z Approved Scope TLB Feb 2026.pdf	Attached Timestamp:	2026-02-17 11:03:51 GMT
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