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Lote 1 (Inert)

| Description | Specifications | Units | As for. | Value |
|--------------------------|---|-------|---------|-------|
| Sand | Granulometry [0.15–4.75 mm]; Clay theor ≤ 2%; [SECTION 1083, SECTION 201] | m3 | 400 | |
| British 3/4" | Granulometry [9.5–19 mm]; Crushing strength ≤ 29% [SANS 1083, SANS 201] | m3 | 150 | |
| Cement | CEM II 32.5N [EN 197-1] | And | 1200 | |
| Pave | Zig Zag, 80mm, 35Mpa, natural color, abrasion wear [TMH 9] | m2 | 1000 | |
| Lancel | Fig 3 or equivalent; ≥25 MPA [sabs 927] | ME | 1500 | |
| Fine sand | Granulometry [0.05–1.18 mm]; Theor em clay 2%; [SECTION 1083, SECTION 201] | m3 | 300 | |
| Clay | Solos G7 ou superior; CBR (at 93%)≥ 15% [COLTO] | m3 | 2000 | |
| Rachão | Gramulometry (200- 320 mm) SATCC 2502(a)(i) | m3 | 300 | |
| Boulder/Pebbles 500kg | Granulometry (330- 1200mm); Resistance to abrasion and corrosion Saline, COTO | Ton | 500 | |
| Tout Venant | Coarse aggregate with extensive particle size, G3, PI<6, Granulometry (0.00-37.5 mm)(COLTO) | m3 | 200 | |
| Total | | | | |

Lote 2 (Asphalt)

| Amount | Designation of | Technical Specifications | |
|----------|----------------|---|----------|
| | the asset | | • |
| | | Marshall Stability (kN) | 3,5-12,5 |
| | | Marshall deformation (mm) | 2-4 |
| | | Voids in the mixture (%) | 3-6 |
| 1200 Ton | Bituminous | Stability/deformation (KN/mm) | 2-3,5 |
| | Concrete | Filler/bitumen ratio | 1,0-1,5 |
| | | Granulometry (mm) [SATCC Table 4202/3] | 00-9.5 |
| | | 10% FACT [TMH1 B2] (kN) | 180 |
| 10 And | Bituminous | Anionic emulsion SS60; Minimum 12 degrees Engler at | |
| | Emulsion | 20°C [SANS 4001-BT3] | |

| Amount | Designation of the asset | Technical specifications (minimum) of the asset |
|--------|--------------------------|---|
| 01 | Bulldozer | Deforestation and leveling; Engine power: ≥ 180 HP; Blade: Straight or semi-U, with hydraulic control; Operational weight: ≥ 18 tons; Track system with wide shoes. Cabin: Closed, air- conditioned (A/C), with protection ROPS/FOPS Minimum warranty: 1 year |

Lote 2

| Amount | Designation of the asset | Technical specifications (minimum) |
|--------|---------------------------------|--|
| | | of the asset |
| 01 | Milling machine | Milling width: ≥ 1000 mm; Adjustable cutting depth: ≥ 30 cm; Automatic leveling control system; Material conveyor: Articulated front conveyor; High traction wheels or tracks; Engine power: ≥ 300 HP; Air-conditioned cabin with dust protection. |

| Amount | Designation of the asset | Technical specifications |
|--------|--------------------------|------------------------------------|
| | | (minimum) of the asset |
| | | Type: Self-propelled; |
| | | Operational weight: ≥ 10 ton; |
| | | Drum width: ≥ 2.0 meters; |
| 01 | Compactor Roller (Smooth | Vibration: Yes, with double |
| | Drum) | frequency and amplitude; |
| | | Motor: Diesel, ≥ 100 HP; |
| | | Cabin: Open or closed, with |
| | | ROPS/FOPS protection. |

| Amount | Designation of the asset | Technical specifications (minimum) of the asset |
|--------|--------------------------|---|
| 01 | Asphalt Paver | Adjustable paving width: 2.5 to 6 meters; Layer thickness: Adjustable ≥ 300 mm; Feeding system: By belt/conveyor belt + distributor screw; Motor: Diesel, ≥ 150 HP; High traction tracks or wheels; Table heating system: Gas or electric; Automatic leveling and tilt control. |

Lote 5

| Amount | Designation of the asset | Technical specifications |
|--------|--------------------------|--|
| | | (minimum) of the asset |
| 02 | Road Marker Cold | Ink tank capacity: ≥ 100 L; Type: Self-propelled or towable; Spray system: Pneumatically controlled gun; Number of pistols: Minimum 2; Double and single lines; Marking with reflectivity; |
| | | Engine: Gasoline or diesel. |

| Amount | Designation of the asset | Technical specifications |
|--------|--------------------------|-----------------------------|
| | | (minimum) of the asset |
| | | Drum capacity: 500 liters; |
| | | Type: Towable with hitch; |
| 02 | Concrete mixer | Engine: Gasoline (25 HP); |
| | | Tilt system: Hydraulic; |
| | | Reinforced steel structure, |
| | | with wheels |
| | | pneumatics. |

| Amount | Designation of the asset | Technical specifications |
|--------|--------------------------|--------------------------------|
| | | (minimum) of the asset |
| | | Power: 60 HP; |
| | | Operational weight: 2 to 3 |
| | | tons; |
| | | Bucket capacity: ≥ 500 liters; |
| | | Auxiliary hydraulic system |
| 02 | Mini on - Skid loader | for accessories, |
| | | Traction tires or tracks; |
| | | Closed cabin with |
| | | ROPS/FOPS protection; |
| | | Optional accessories: Pallet |
| | | fork, breaker hammer, mini |
| | | milling machine, broom |

Lote 8

| Amount | Designation of the asset | Technical specifications (minimum) of the asset |
|--------|--------------------------|---|
| 01 | 12 Ton Lowbed Trailer | Load capacity: 12 tons; Machine loading Hitch type: Pin; Reinforced carbon steel chassis; Brakes: Pneumatic; Floor: Metallic; Load tires with reinforced suspension, Lighting and signaling system. |

| Amount | | Designation of the asset | Technical specifications |
|--------|-------|---------------------------------|-----------------------------------|
| | | | (minimum) of the asset |
| | | | Spraying >18 L/min (adjustable); |
| | | | Spray Width 500-1000 mm; |
| | | | Hose length 5 m; |
| 02 | Porta | able emulsion sprayer (by | Nozzle Type Stainless steel, incl |
| | | drum) | self-cleaning; |
| | | | Rotation speed 1500 rpm; |
| | | | Gear Pump Maximum Flow 310 |
| | | | L/min; |
| | | | Motor \geq 5 HP. |

| Amount | Designation of the asset | Technical specifications |
|--------|--------------------------|--------------------------------|
| | | (minimum) of the asset |
| | | Operational weight ≥ 65 kg |
| 03 | Jumping | Operational coverage ≥ 250m2/h |
| | | Impact force 2 13 KN |

Lote 11

| Amount | Designation of the asset | Technical specifications |
|--------|--|------------------------------------|
| | | (minimum) of the asset |
| | | Drum capacity ≥ 3500lit |
| | | Lid for emergency discharge; |
| | | 4-wheel drive; |
| | | Capacity per load min 600 liters; |
| | | production |
| | | hourly $\geq 18m3$; |
| | | Electronic scale; |
| | | High pressure water pump; |
| | | 2 extra gutters included; |
| 02 | Autobetoneiras 3,5m3 | Maximum external turning radius |
| | view camera and AC; Mixing and discharge independent of engine spe | 4m; |
| | | Cabin with ROPS-FOPS, rear |
| | | view camera and AC; |
| | | Mixing and discharge speed |
| | | independent of engine speed; |
| | | Electronic drum probe (optional); |
| | | Discharge on all four sides of the |
| | | vehicle. |

| Amount | Designation of the asset | Technical specifications (minimum) |
|--------|--------------------------|---|
| | | of the asset |
| 02 | Skid loader/ Bobcat | Power: ≥ 60 HP Skid loader/ Bobcat Operating weight: 2 to 3 tons Bucket capacity: ≥ 500 liters Auxiliary hydraulic system for attachments Traction tires or tracks Enclosed cabin with ROPS/FOPS protection Optional accessories: Pallet fork, breaker |
| | | hammer, backhoe, broom and milling machine. |

Lote 13

| Amount | Designation of the asset | Technical specifications (minimum) of the asset |
|--------|--------------------------------------|---|
| 01 | Vibratory tandem roller - asphalt | Type: Self-propelled, tandem Operational weight: ≥ 2.70 tons Drum width: ≥ 1.1 meters Vibration: Yes, with double frequency and amplitude Motor: Diesel, ≥ 30 HP Cabin: Open or closed, with protection ROPS/FOPS |

Lote 1

| Amount of | Designation of the asset | Technical specifications of the asset |
|-----------|---------------------------------|---|
| 03 | Pick-Up Cabine Simples (4x4) | Engine: Diesel, minimum 2.2L, turbo intercooler Power: Minimum 120 HP Traction: 4x4 Transmission: Manual, 5 or 6 speeds Payload capacity: ≥ 1000 kg Power steering Air conditioning Electric windows Radio with USB/Bluetooth Mixed-use tires (on/off road) Spare wheels (minimum 1) Color: White (preferred) Warranty: minimum 3 years or 100,000 km Tool kit and warning triangle included |
| 02 | Pick-Up Cabine Dupla (4x4) | Engine: Diesel, minimum 2.2L, turbo intercooler Power: Minimum 120 HP Traction: 4x4 Transmission: Manual, 5 or 6 speeds Payload capacity: ≥ 750 kg Power steering Air conditioning Electric windows (front and rear) ABS braking system Front airbags (driver and passenger minimum) Basic entertainment system (USB/Bluetooth) Fabric or synthetic leather seats (easy to clean) Mixed-use tires Spare wheel Color: White (preferred) Warranty: minimum 3 years or 100,000 km Tool kit, hydraulic jack and emergency accessories |

| Amount of | Designation of the asset | Technical specifications of the asset |
|-----------|--------------------------|---|
| 01 | Tricycle | Purpose: Internal logistical support or light transport of materials. Minimum specifications: Type: Gasoline powered Load capacity: ≥ 300 kg Number of passengers: 1 to 2 Cargo compartment: Closed Brakes: Disc Headlights and direction indicators |
| 03 | Motorbikes | Type: Utility motorcycle, new, zero kilometer • Engine: 110cc to 160cc • Fuel: Gasoline • Starting system: Electric • Transmission: Manual (minimum 4 speeds) • Brakes: Front disc, rear drum (minimum) • Tank capacity: ≥ 8 liters Maximum speed: ≥ 90 km/h • Average consumption: ≥ 35 km/l • Tires: 17" or compatible with road use • Panel: Digital |

| Amount of | Designation of the asset | Technical specifications of the asset |
|-----------|---------------------------------|---|
| | | 8x4 dump truck or equivalent |
| | | - Volumetric capacity of the cargo box: Minimum |
| | | 28 m^3 |
| | | - Payload capacity: ≥ 15,000 kg |
| | | Engine: Diesel, minimum power of 350 HP |
| | | - Curved box, bottom and sides with a minimum |
| | | of 5mm |
| | | Hydraulic support cylinder and PTO |

| | | - Hydraulic device lock Sewage tank: Side suspended Rubber Seal Type Transmission: Manual or automatic Tilting system: Rear hydraulic |
|----|-----------------------------------|--|
| 05 | 20 m³ Garbage Compactor Trucks | reinforced- Cabin: Closed, with air conditioning Power steering Tires: Reinforced radials for heavy loads Fuel tank: ≥ 400 liters Equipped with spare wheel, triangle, fire extinguisher, and kit of tools Complete documentation for circulation within the national territory Cabin with bed |
| 05 | 20 m³ Dump Trucks | 6x4 or larger dump truck Volumetric capacity of the cargo box: Minimum 20 m³ Payload capacity: ≥ 15,000 kg Engine: Diesel, minimum power of 350 HP Transmission: Manual or automatic Tilting system: Rear hydraulic Cabin: Closed, with air conditioning Power steering Tires: Radials, suitable for operations mixed (urban and rural) - Fuel tank: ≥ 300 liters - Equipped with spare wheel, triangle, extinguisher, and kit of tools - Complete documentation for circulation within the national territory |