1. INTRODUCTION

Eskom SOC LTD Distribution Gauteng Cluster requires supply of 42 Trucks. These trucks operate across all Distribution Gauteng Cluster. The vehicles are stationed at various Maintenance and Operations sites & Support Functions.

2. DEFINITIONS AND TERMINOLOGY

Definition	Explanation
Ancillary equipment	Any item purchased and fitted to a vehicle, which is not fitted as original equipment by the vehicle manufacturer
Accessory equipment	Accessory equipment are "add-ons" a carrier can install on the vehicle to improve efficiency, safety, comfort, or ease of operation.
Under-run protection devices	Side under-run protection devices or "lateral protection devices" occupy larger spaces between axles on a rigid truck or a semitrailer. They are barriers or plates that sit in the space between axles. They are designed for the following purposes: 1. To stop other road users such as other vehicles, cyclists, and pedestrians getting under the rear wheels of a truck or trailer. 2. To minimise the potential damage a roadside obstacle might cause if the truck turns in too early.
Heavy vehicle (trucks or yellow plant)	A vehicle with a gross vehicle mass of more than 3 500 kg. Heavy axle" means an axle whose wheels are fitted with tyres of a size (bead seat diameter) greater than 406.4 mm (16 inches), or an axle with more than two wheels regardless of tyre size, but excluding any axle of a motorcycle, a motor tricycle, or a motor car. 'Heavy vehicle" means a motor vehicle with at least one heavy axle and/or any vehicle that has been principally designed or adapted for the convenience of persons exceeding 16 in number.

3. ABBREVIATION

Abbreviation	Explanation
LDV	Light delivery vehicle
NRTA	National road traffic act
SRS	Supplemental restraint system
LWB	Low Wheelbase
SWB	Short Wheelbase
HGC	High ground clearance
ABS	AntI-Lock braking system
BEV	Battery electric vehicle
EV	Electric vehicle
BU	Business unit
GVM	Gross vehicle mass
ISO	International organization for standardization
LDV	Light delivery vehicle
LWB	Long wheelbase
NRTA	National road traffic act
OBD/II	Onboard diagnostic second-generation
RTM Act	Road traffic management act.
VMD	Vehicle-monitoring device
A&F	Assurance and forensic department
RMI	Retail motor industry
SANS	South African national standards

4. APPLICABLE LAWS AND LEGISLATIONS

[1] SANS 1563— The strength of large passenger vehicle superstructures (Rollover protection)

[2] ISO 9001 Quality management systems

[3] ISO 45001 Occupational health and safety

[4] National Road Traffic Act 93 of 1996

[5] National Environmental Management: Air Quality Act No 39 of 2004

5. SCOPE OF WORK

The supply and delivery of various class of trucks to Distribution Gauteng Cluster on a as and when required basis for period of 3 years. The bid is for the supply, delivery, licensed, fuelled and hand over of the fleet in perfect working order and ready for immediate use on public and rural roads. The vehicles shall be designed for and be capable of efficient and safe operation under all South African weather conditions.

5.1 VEHICLE CATEGORIES

T4AD	Light Truck 4x4 GVM (Dual wheel application)
T5AD	Medium Truck 4x4 > 13000 <16000 GVM (Dual wheel application)
T5AS	Medium Truck 4x4 >13000 <16000 GVM (Single wheel application)
T5BD	Medium Truck 4x4 > 16000 < 19000GVM (Dual wheel application)
Til	Heavy Truck 6x6 26000 GCM (Single Wheel application)

Eskom reserves the right to order vehicles on an as-and-when required basis during the contract period. By virtue of being appointed as one of the successful suppliers does not entitle the supplier to impose the placing of orders to the full value at any given time during the contract period.

6. TECHNICAL SPECIFICATION/DETAILED SCOPE OF WORK

6.1 STANDARD REQUIREMENTS

- All commercial vehicles shall comply with the provisions of the National Road Traffic Act, as amended
- Vehicle tools required to be supplied with the vehicle shall consist of at least a suitable jack handle, wheel nut spanner and 2x emergency warning signs triangle and/or cones).
- A spare wheel must be supplied with the provision to permanently mount the spare
- All vehicles must be supplied with front and rear backing plates for the fitment of number plates.
- All vehicles that require Road Worthy Certificates should be supplied with mass plates affixed to the vehicle.

- All vehicles that require Road Worthy Certificates should be supplied with all accessories, fitment and signage as required (e.g. fire extinguisher, seating capacity, speed limitation sign and conspicuity tape)
- The following categories of vehicles must be supplied standard as a minimum, as provided below: Commercial vehicle specifications - gross vehicle mass (GVM) 3 500 kg and above (including heavy commercial vehicles with GVM above 16 000 kg and abnormal vehicles):

1. Radio/ MP3 player/blue tooth
2. Central locking system
3. Power steering
4. Fog lights
5. Immobiliser
6. Alarm
7. Air Conditioner
8. Driver and passenger airbags.
9. ABS braking system.
10. Daytime running lights
11. Seat Belts: SABS approved
12. Factory-fitted power steering
13. Reverse lights
14. Reverse alarm / beeper
15. Driver and passenger seatbelt reminder/alarm
16. Head light on reminder indicator/alarm when vehicle is switch off
17. All seats are to be covered with a durable fabric and fitted with headrests
18. Yellow reflective tape that must be fitted in accordance with the National Road Traffic Act specification xix. Anti-spray mudflaps xx. Under-run protection device in accordance with the SANS 1055 standards
19. Chevron warning plates in accordance with the National Road Traffic Act specification xxii. A speed limit warning sign in accordance with the National Road Traffic Act specification.
20. Any other apparatus (including large toolboxes) shall be fitted in such a manner that it would be sufficiently secured in the event of vehicle rollover or collision and would not create a risk by weakening the structure of the vehicle.
21. Applicable warning signs for the type of transportation should be fitted in accordance with legislation.
22. Homologation of load body according to (Road traffic Act and Regulations No. 192A)

23. Allowances must be made on the load body sizes of relevant LDV's and trucks for additional fitments to the trucks such as cranes, hydraulic platforms (cherry pickers), etc. to ensure that the fitment of the accessories and the load body of the fleet item is compatible with the chassis of the fleet item

6.2 TABLE OF VEHICLE CATEGORIES

Category		Description Code
Truck 4x4 FIC		
Light Truck 4x4 D	4x4 >4500 < 7000 kg D/Wheel	T4AD
Medium Truck 4x4	>13000 < 16000 kg, GVM D/Wheel	T5AD
Medium Truck 4x4	>13000 < 16000 kg, GVM S/Wheel	T5AS
Medium Truck 4x4	> 16000 < 19000 kg, GVM D/Wheel	T5BD
Extra heavy Truck 6x6		
Extra Heavy Truck 6x6	> 26000 kg, GVM & above	Til

Category "T4AD" Light Truck 4x4 > 4500 < 7000 kg (Dual wheel application)

Vehicle Job Description	Required for carrying goods, equipment and passengers up to a GVM of 7000 kg on all types of road surfaces with up to 80 % off road usage. (Licence code Cl)

Technical Specification	kW output: Minimum 100 kW Nm torque: Minimum 350 Nm Diesel powered (Normally aspirated or turbo) Permissible front axle rating "2600 kg to 2800kg" Permissible rear axle rating "4300 kg 6000kg" DIT rating: " max 7000 kg" Wheelbase: "3365 mm to 4000 mm Air conditioner factory fitted Driver and passenger airbags Driver and passenger seatbelt reminder indicator / alarm Daytime run lights ABS brakes Power steering Radio/ MP3 player/blue tooth Two emergency triangles Rear overhang: Not to exceed 50 % of wheelbase Manufactures approved engine protection device Chassis to facilitate the fitting of hydraulic crane Fully synchromesh gearbox with transfer box (4x4) Brakes to be air assisted or full air dual system Trailer brake control (optional) Fitted towing/recovery facility on front Tyre (Size), As per manufacture 7.50R16-10 PR (up to 80% off road usage) Compatible diff-ratio. Noise Level: Not to exceed 75db Colour: White Reverse alarm / beeper
Permitted accessory's	Truck mounted crane, 6 Ton metre range Tail lift 1.5 Ton capacity 1 1m round to bottom of basket aerial platform Live line SSI

Permitted ancillaries are optional	Tow bar Hour meter Interlock hand brake system PTO -Where a PTO is utilised there should be an electric or mechanical interlock to disallow the PTO from operating while the vehicle's gearbox is engaged (or hand-brake failsafe system / alarm) (in any gear). Flatbed drop side Cargo van body Tool cab Ladder rack "H" frame Toolboxes Stainless steel water tank Working lights Amber revolving light Under run bumper fixed or energy absorbing type Wheel Flaps: SABS 1496 specification Yellow reflective tape that must be fitted (Road traffic act and regulations No. 192A) Homologation of load body according to (Road traffic Act and Regulations No. 192A)

Medium Truck 4x4 > 13000 < 16000 kg GVM

Category "T5AS" Single rear tyres (Single - 12R 20 Tyres)

Vehicle Job Description	Required for carrying goods, equipment, and passengers up to a GVM of 16000 kg on all types of road surfaces with up to 80 % off road usage.

Technical Specification	kW output: Minimum 170 kW Nm torque: Minimum 750 Nm Diesel powered (Normally aspirated or turbo) Permissible front axle rating "4700kg to 5500kg" Permissible rear axle rating "max 8000 kg" single rear wheels D/T rating: "17500 to 21000kg" Wheelbase: "3900mm to 4800mm" Air conditioner factory fitted Driver and passenger airbags Dat time running light Driver and passenger seatbelt reminder indicator / alarm Head light reminder indicator/alarm ABS brakes Power steering Radio/ MP3 player/blue tooth Two emergency triangles Rear overhang: Not to exceed 50 % of wheelbase Manufactures approved engine protection device Chassis to facilitate the fitting of hydraulic crane Fully synchromesh gearbox with transfer box (4x4) Brakes to be air assisted or full air dual system Trailer brake control (optional) Fitted towing/recovery facility on front Tyres: As per manufactures specifications (Single rear tyres - 12R 20) Noise Level: not to exceed 75db Reverse alarm / beeper
Permitted accessory's	Truck mounted crane, 13 Ton metre range Tail lift 2-Ton capacity 15m round to bottom of basket aerial platform Live line SSI

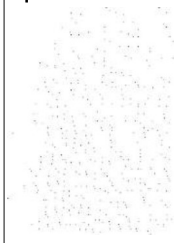
Permitted ancillaries are optional	ow bar Air conditioner Hour meter Interlock hand brake system PTO -Where a PTO is utilised there should be an electric or mechanical interlock to disallow the PTO from operating while the vehicle's gearbox is engaged (or hand-brake failsafe system / alarm) (in any gear). Flatbed drop side cargo van body Tool Cab Ladder rack frame Toolboxes Stainless steel water tank Working lights Amber revolving light Under run bumper fixed or energy absorbing type Wheel Fla s: SABS 1496 specification
	Boor Machine Air charge line to front and rear & coupling Yellow reflective tape that must be fitted. (Road traffic Act and Regulations No. 192A) Homologation of load body according to (Road traffic Act and Regulations No. 192A

Medium Truck 4x4 > 13000 < 16000 kg GVM

Category "T5AD" (Dual rear tyres)

Vehicle Job Description	Required for carrying Goods, equipment, and passengers up to a GVM of 16000 kg on all types of road surfaces with up to 80 % off road usage,

Technical Specification	KW output: Minimum 170kw Torque: Minimum 706Nm to 810Nm Diesel Powered (Normally aspirated or Turbo) Permissible Front axle Rating "4700kg to 5500kg 'i Permissible Rear axle Rating "max 8000 kg" single rear wheels D/T Rating: "17500 to 21000kg" Wheelbase: "3900mm to 4800mm" Air Conditioner Factory fitted Driver and passenger airbags Driver and passenger seatbelt reminder indicator / alarm Head light reminder indicator/alarm ABS brakes Power steering Two emergency triangles Rear Overhang: Not to exceed 50 % of wheelbase Manufactures approved Engine Protection Device Chassis to facilitate the fitting of hydraulic crane Fully Synchromesh Gearbox with transfer box (4x4) Brakes to be air assisted or full air dual system Trailer brake control (optional) Fitted towing/recovery facility on front Tyres: As per Manufactures Specifications (Single rear tyres - 12R 20) Noise Level: not to exceed 75db Reverse alarm / bee
Permitted accessory's	Truck Mounted Crane, 13 Ton Metre range Tail lift 2-ton capacity 15m round to bottom of basket Aerial platform Live line SSI

Permitted ancillaries are optional 	Tow bar Air conditioner Hour meter Interlock hand brake system PTO Flat Bed Drop side Cargo van body Tool cab Ladder Rack H" Frame Toolboxes Stainless steel Water Tank Working Lights Amber Revolving Light Under run bumper fixed or energy absorbing type Wheel Flaps: SABS 1496 specification Boor Machine Air charge line to front and rear & coupling. Yellow reflective tape that must be fitted. (Road traffic Act and Regulations No. 192A) Homologation of load body according to (Road traffic Act and Regulations No. 192A

Medium Truck 4x4 > 16000 < 19000 kg GVM

Category "T5BD" Dual rear tyres -T5BD

Vehicle Job Description	Required for carrying goods, equipment and passengers up to a GVM of 19000 kg. On all types of road surfaces with up to 80 % off road usage.

Technical Specification	kW output: Minimum 170 kW Nm torque: Minimum 810 Nm Diesel powered (Normally aspirated or turbo) Permissible front axle rating [1]7100kg to 7700kg" Permissible rear axle rating "9000 kg" D/T rating: " 28000 kg" Wheelbase: "Minimum 4500 mm and 4800 maximum" Rear overhang: Not to exceed 50 % of wheelbase Air conditioner factory fitted Day time running light Driver and passenger airbags Driver and passenger seatbelt reminder indicator / alarm Head light reminder indicator/alarm ABS brakes Power steering Radio/ MP3 player/blue tooth Two emergency triangles

	Chassis to facilitate the fitting of hydraulic crane front or rear mounted Fully synchromesh gearbox with manual shift /automatic gearbox. Gear ratio: Top gear 1 :1 and Lowest gear higher than 8:1 Top speed of vehicle max 100kmph (determine by gear ratio, no electronic speed limiters allowed) Independent transfer box (4x4) Diff ratios to be determined by top speed of vehicle Trailer brake control Fitted towing/recovery facility on front Tyres: As per manufactures specifications Noise Level: not to exceed 75db Reverse alarm / beeper
Permitted accessory's	Truck mounted crane, 16 Ton metre range. HHH / DTH drilling rig (With compressor separately) 15m round to bottom of basket aerial platform Live line OCI

Permitted ancillaries are optional	Tow bar Air conditioner Hour meter Interlock hand brake system PTO -Where a PTO is utilised there should be an electric or mechanical interlock to disallow the PTO from operating while the vehicle's gearbox is engaged (or hand-brake failsafe system / alarm) (in any gear). Flatbed drop side / Cargo van body Ladder rack "H" frame Toolboxes Stainless steel water tank Working lights Amber revolving light Under run bumper fixed or energy absorbing type Wheel flaps: SABS 1496 specification Air charge line to front and rear & coupling Yellow reflective tape that must be fitted. (Road traffic Act and Regulations No. 192A) Homologation of load body according to (Road traffic Act and Regulations No. 192A)

Extra Heavy Truck 6x6 > 26000 kg GVM & above

Category "T11 "(Dual rear tyres or Single rear tyres)

Vehicle Job Description	Required for carrying goods & equipment of up to 75000 kg GCM on all types of road surfaces short & long distance. (Licence code ECI)

Technical Specification 	kW output: Minimum 300 kW Nm torque: Minimum 1500 Nm Diesel powered (Normally aspirated or turbo) Permissible front axle rating "max 8000 kg' Permissible rear axle rating "max 16000kg single and 18000kg dual" D/T rating: "max 56000 kg" Wheelbase: (Centre front axle to centre of rear axle unit) 4525mm Air conditioner factory fitted Daytime running lights Driver and passenger airbags Driver and passenger seatbelt reminder indicator / alarm Head light reminder indicator/alarm ABS brakes Power steering Radio/ MP3 player/blue tooth Two emergency triangles Manufactures approved engine protection device Chassis to facilitate the fitting of hydraulic crane Fully synchromesh Brakes to be air assisted or full air dual system Trailer brake control Fitted towing/recovery facility on front 5th wheel manufactures approved. Tyres: As per manufactures specifications (Tredco) Noise Level: Not to exceed 75db Reverse alarm / beeper
Permitted accessory's	Truck mounted crane max 22 Ton metre range 25 M bottom to basket OCI, SSI aerial platform
Permitted ancillaries are optional	Air conditioner Hour meter Interlock hand brake system PTO -Where a PTO is utilised there should be an electric or mechanical interlock to disallow the PTO from operating while the vehicle's gearbox is engaged (or hand-brake failsafe system / alarm) (in any gear). Toolboxes Working lights Amber revolving light Wheel flaps: SABS 1496 specification Yellow reflective tape that must be fitted. (Road traffic Act and Regulations No,192A

	Fitted towing/recovery facility on front 5th wheel manufactures approved. Tyres: As per manufactures specifications (Tredco) Noise Level: Not to exceed 75db Reverse alarm / bee er
Permitted accessory's	Truck mounted crane max 22 Ton metre range 25 M bottom to basket OCI, SSI aerial platform
Permitted Ancillaries	Air conditioner Hour meter Interlock hand brake system PTO -Where a PTO is utilised there should be an electric or mechanical interlock to disallow the PTO from operating while the vehicle's gearbox is engaged (or hand-brake failsafe system / alarm) (in any gear). Toolboxes Working lights Amber revolving light Wheel flaps: SABS 1496 specification Yellow reflective tape that must be fitted. (Road traffic Act and Regulations No. 192A) Homologation of load body according to (Road traffic Act and Re illations No. 192A

6.2 MODEL CHANGE

- Any known model changes/enhancements may be stipulated by bidders in the bid response and accommodated in the item's price stipulated upfront in the pricing Schedule. Thus, price changes due to model changes/enhancements will not be accepted post the award of the contract.
- Should a vehicle model or shape change (or facelift) the new model should either be offered under the same price as the previous model or as a separate item at the time of bid submission or resubmission of pricing process.
- When offering it as a separate item, the bidder must indicate the date at which the model change will become effective as well as the date when the old model will no longer be available.
- Model changes/enhancements that are offered to Eskom at no additional cost must remain within the same vehicle category as the original item offered.

6.3 VEHICLE REGISTRATION AND LICENSING

The service provider will be responsible for registration and licensing of the vehicles.

6.4 WARRANTEES/GUARANTEES

- All vehicles supplied in terms of this contract are required to have a warrantee/guarantee which is to be effective on the date that Eskom take possession of the vehicle.
- The warrantee/guarantee must be valid in accordance with the manufacturing standards of the vehicle as stated by the manufacturer.
- Full details of the vehicle warranties/guaranties must be provided electronically and printed as part of the bid submission.
- The service provider guarantees that the items supplied under the contract are new and unused.
- The insurance of items against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery will be the responsibility of the service provider. Any damaged parts of the vehicle because of manufacture or acquisition, transportation, storage and delivery must be replaced with new and unused parts.
- Eskom must be informed if the ordered vehicle is damaged while in transit.
- Eskom retains the right to take delivery or refuse to take delivery of any vehicle once it was damaged.
- Eskom will not take possession of any vehicle exceeding 200km on the odometer of the vehicle at the time of delivery, unless such vehicle needed to be moved for conversion or the fitment of accessories.
- The successful bidder will be required to provide Eskom with documentation or certification confirming the warrantee, service plan and maintenance plan.

6.5 TRAINING

- Hand-over training or vehicle orientation is required when vehicles are delivered this will include the training of individuals to operate a specific vehicle and all accessories thereto safely, economically and effectively.
- Hand-over training will have to be provided for a minimum of two officials as identified by Eskom at the time of delivery of the vehicle at no additional cost to Eskom.
  The service provider can make available pre-arranged group sessions for the introduction of the new vehicle models.
- Any service provider on the contract will need to train up any individual that is identified by Eskom for the operation of any vehicle supplied on the contract at no additional cost.