

Compliance Checklist: Lot 3 - Diesel motorised winter maintenance vehicles, GVM 2,400 kg Note: If there is a discrepancy between the documents, the PDF version will take precedence.			
	Criterion	Description	Tenderer's comments (Required)
3.2.1	Vehicle Width	Overall vehicle width must not exceed 1100mm standard (all season) tyres	
3.2.2	Performance	The engine must be a direct injection diesel engine, capable of delivering at least 24 kW of power. It must be protected by a visual and audible signal of low water or coolant level.	
3.2.3	Performance	The vehicle must have a minimum speed of 24 km/hr	
3.2.4	Fuel Type / Emissions	The vehicle must have a Stage V engine which is HVO compatible.	
3.2.5	Maintenance	All greasing points must be marked and accessible to driver	
3.2.6	Nominal Salt Carrying Capacity	The flatbed carrier must have a capacity of at least 450 kg.	
3.2.7	Turning Circle / Manoeuvrability	The vehicle must have articulated steering and four wheel drive or four wheel steering.	
3.2.8	Turning Circle / Manoeuvrability	The inner turning radius requirement of ≤ 750 mm	
3.2.9	Turning Circle / Manoeuvrability	Maximum outer turning radius requirement of ≤ 2100 mm	
3.2.10	Cab Comfort & Ergonomics	The vehicle must be fitted with a cruise control to allow consistent low-speed operation.	

3.2.11	Cab Comfort & Ergonomics	A speed limited must be provided, allowing the maximum speed operation.	
3.2.12	Cab Comfort & Ergonomics	The cab must contain an air suspension driver's seat. The seat provided in the cab must be a heavy duty type and be able to withstand the expected wear and tear on them over the life of the vehicle. The cab needs to be ROPS tested.	
3.2.13	Cab Comfort & Ergonomics	The vehicle must have fully glazed, safety glass windscreen. The cab must be glazed all the way to the floor at the front and on both the nearside and offside doors, allowing the driver complete visibility.	
3.2.14	Cab Comfort & Ergonomics	The controls for the sweeping operation must be ergonomically designed for driver comfort. All controls must be ergonomically positioned near to the driver.	
3.2.15	Attachments / Versatility	The vehicle must support a wide range of front and rear attachments. It must have a quick change system at front and rear.	
3.2.16	Spinner System	The spinner disc assembly must be designed as a low throw spinner system and will accurately spread 1.1 to 4m	
3.2.17	Spinner System	The spinner assembly must be designed to guarantee blockage free delivery of salt to the spinner disc.	
3.2.18	Spinner System	The spinner assembly must be heavy-duty stable unit and designed to be an ultra-reliable virtually maintenance free assembly.	
3.2.19	Spinner System	Salt sensor must be fitted as standard to alert the driver via an alarm on the in-cab controller screen if no salt detected at spinner.	
3.2.20	Spreader Control System	Must provide full colour operator interface screen to control the operation of the spreader, spreader vehicle lighting system and engine starting visually indicating each of the functions. The operator screen to be in full colour, icon driven for easy and intuitive operation. The spreader vehicle is to be displayed as an icon on the screen.	
3.2.21	Spreader Control System	The spreader must automatically adjust all spreading parameters and report a visual representation on the screen of what exactly the spreader is doing i.e. the spread width & the spread rate.	
3.2.22	Spreader Control System	The dosage for dry and pre-wet de-icing agent must be adjustable from 5g/m2 up to 40g/m2.	

3.2.23	Adaptability of Gritter to the Addition of a Brine System in the Future	Tenderers must demonstrate how they propose to deliver a brine system to your system taking into account the following: •Brine Spreading and Capacity •Brine level indicator •Digital monitoring of Brine level with on screen display of information. •Brine system can fit on vehicle.	
3.2.24	Flatbed Carrier Material	The flatbed carrier must be constructed from stainless steel or a equivalent material durable, corrosion free material once it can be proven to meet the same standards.	