

	Compliance Checklist: Lot 1 - Diesel motorised road sweepers, GVM 2,400 kg		
	Note: If there is a discrepancy between the documents, the PDF version will take precedence.		
	Criterion	Tenderer's Answer (Yes or No) (Required)	Tenderer's Additional Comments (Optional)
1.1.1	Year/Model and compliance with legislation		
	The vehicle must be a new 2026 model of reputable manufacturer conforming to all current EU and Irish legislation including safety, health & welfare legislation.		
1.1.2	Engine		
	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.		
1.1.3	Steering		
	The vehicle must be fitted with full hydraulic power steering.		
1.1.4	Weight		
	The vehicle GVM must be a maximum of 2,500 kg.		
1.1.5	Payload		
	The vehicle must have a payload of 500 kg minimum.		
1.1.6	Machine Dimensions		
	The maximum overall dimensions of the sweeper must not exceed: Length: 4,000 mm (including brushes) × Width: 1,100 mm (with brushes retracted and excluding mirrors) × Height: 2,000 mm (excluding beacon) As these vehicles are sought specifically for sweeping of the city's cycle lanes, a maximum machine width of 1,100 mm is a core requirement of this tender.		
1.1.7	Brakes		
	The machine must have either: (a) Hydrostatic braking acting on all drive wheels (wear-free) together with a mechanical or electrically activated parking / emergency brake; OR (b) A servo-assisted hydraulic braking system with independent divided circuits providing braking on all four wheels (disc or drum), together with an electrically actuated parking/emergency brake.		
1.1.8	Adblue Tank / DPF		
	If an Adblue tank (or equivalent) is required to achieve the current applicable Euro emissions standard, the minimum capacity of the tank shall be 5 litres. The Adblue tank must be clearly labelled as "Adblue additive only" on the tank. The Adblue tank must be fitted with a locking cap. Otherwise, the vehicle must be fitted with DPF and comply with EU Approval 2016/1628/EG		
1.1.9	Instrumentation		

	The vehicle must be fitted with speedometer, engine temperature gauge, Adblue gauge (if required), low level water indicator and all other necessary gauges. All such units must be suitably lighted on the dashboard. The engine temperature gauge must be fitted with an audible warning to protect the engine from overheating. The instrumentation panel must be provided with suitable illumination for night driving. The vehicle must have all instruments / equipment required under current or pending E.U. Regulations for its size and use.		
1.1.11	Electrical System		
	12 Volts starting system with minimum 80 Amp alternator.		
1.1.12	Brushes		
	The vehicle must be a two brush system. Brushes must be 650mm to 750mm ring type with a quick-change facility.		
1.1.13	Sweeper		
	The vehicle must have a suction function between or behind the brushes which is support by high pressure centrifugal fan providing suction for the pickup nozzle and duct conveying system. The system must have the following: 1. A high-speed, low noise centrifugal impeller with enough suction to pick-up litter and debris. 2. Variable brush rotation speed up to 120 rpm.		
1.1.14	Water System		
	The vehicle will have 150 litres minimum fresh water tank and be equipped with filters and tank dump drain. Water jets must be located on both brushes and inside the litter container.		
1.1.15	Electrical System		
	12 Volts starting system with minimum 80 Amp alternator.		
1.1.16	Fuel Tanks		
	Minimum capacity of the fuel tank must be 40 litres. The fuel tank must be fitted with a locking cap and must be clearly marked "Diesel Only", which will be easily visible when fuelling the vehicle.		
1.1.17	Lights		
	Vehicles to be fitted with daytime running lights. An orange LED warning beacon must be provided on top of the cab. A strobe/pulse LED must be fitted to the rear of the vehicle, above the vehicle lights. The activation switch for these LEDs must be on the instrumentation panel. In addition, a spot light must be provided on the front of the cab – this must directly illuminate the sweeping area, particularly when the sweeping brushes are extended, and will be used while sweeping at night and during hours of low daylight.		
1.1.18	Daytime Running Lights		
	The vehicle must be fitted with daytime running lights (DRLs). The DRLs must operate on dipped head beams. The DRLs must come on automatically on start-up and switch off automatically when the engine is switched off or controlled through a switch.		
1.1.19	Vibration		
	The hand-arm and entire body vibration must comply with latest EU Directive for vibration control.		
1.1.20	Noise		
	The noise level in the cab and external noise must comply with latest EU Directive for noise control.		
1.1.21	Air-conditioning		

	The vehicle must be fitted with air-conditioning.		
1.1.22	Leaf ingestion		
	The vehicle must have a wide-mouthed nozzle with an adjustable 'leaf flap' for ingestion of leaves and larger items of debris.		
1.1.23	Sweep Performance Monitor		
	The vehicle must be fitted with a monitoring system on: Total distance travelled while sweeping and Sweeping hours		
1.1.24	Registration Plate		
	The vehicles must be provided with laminated registration plates in accordance with the Road Traffic Act and registrations must be issued in Dublin County.		
1.1.25	Legal Conditions		
	The vehicles must comply fully with all the current Road Traffic Acts.		
1.1.26	Currency of Tender		
	Tender price must be submitted in Euro. All prices must include all import duties and taxes. VAT must be shown separately.		
1.1.27	Training		
	The Tenderer is responsible for training City Council staff in the use and safe operation of the vehicle and all fitted equipment at no extra cost to Dublin City Council. Where exhaust gas recirculation is used to meet the euro emission standard, comprehensive operator training must be provided to the driver on the driver's responsibilities with regard to the system including DPF regeneration. This training must include a handout to the driver on exhaust gas recirculation warning lights and driver action required. The successful tenderer must provide the Fleet Nominated Person with a record of those people who have been trained in the vehicle and fitted equipment. This record must include the trainees name, staff number, training details and date of training. The training course will be ½ day minimum. The following is an estimate of the number of staff that will require training.		
1.1.28	Reversing Camera		
	A colour infrared reversing camera must be fitted to the vehicle. The output from the camera will be displayed on a colour visual display unit mounted on the cab dashboard.		
1.1.29	Reversing Alarm		
	A reversing buzzer must be provided. It must be possible to adjust the volume of the reversing buzzer where vehicles are working at night in residential zones.		
1.1.30	Directional Arrow		
	A road-sign type, directional arrow must be fitted to the rear of the vehicle (white arrow on a blue background). This will be used to indicate to traffic approaching from the rear on which side to pass/overtake. The directional arrow must have 360 degree movement and must be able to hold its position, even when the vehicle is moving. There must be a cover for the arrow provided, for when the vehicle is not in use.		
1.1.31	Adjustable and Heated Mirrors		
	Adjustable and heated external mirrors must be fitted to the vehicle.		
1.1.32	Vehicle Marking		
	The vehicle supplied must comply with full side and rear reflectorized and florescent marker strips as per the requirements as specified in SI 128/1970. The Tenderer may be required to fit additional high visibility markings at no extra cost to the council to the rear and sides of the vehicle as per the requirements of Dublin City Council.		
1.1.33	Custom Duties		

	The tendered price must include for all Customs Duties, which may be in force at time of tender and the tendered price will be considered to have included such Customs Duties and this will be binding on the Tenderer.		
1.1.34	EC Whole Vehicle Type Approval (ECWVTA), Declaration of Conformity and C.E. Marking		
	The vehicle must meet the requirement of Framework Directive (2007/46/EC). The vehicle must meet the National Small Series Type Approval and Individual Vehicle Approval as per SI No. 158 of 2009 where applicable. The vehicle itself and all ancillary equipment mounted on the vehicle will conform to all relevant European Norms, must be CE marked and must be accompanied by a "Declaration of Conformity". A "Declaration of Incorporation" is also required where applicable. All other relevant documentation to be supplied as required by EC Directives in force at the time. Particular attention is to be paid to directives 98/37/EC and 2006/42/EC. The vehicles must meet all of the relevant separate Directives and Regulations listed in Annex IV of 2007/46/EC.		
1.1.35	Daily Safety Inspection Checklist		
	The Tenderer must supply on receipt of the vehicle by Dublin City Council a daily checklist for the vehicle and equipment to be performed by the driver for the efficient and reliable working of the vehicle and equipment. The daily checklist must set out the manufacturer's required safety checks for the vehicle type and equipment and a suitable holder must be provided on the vehicle for the daily checklist.		
1.1.36	Safety		
	All known manufacturer's safety risks at the time of tender are to be supplied with each vehicle type. All required signage and warning labels for the vehicle or any ancillary equipment must be in place on the receipt of the vehicle by Dublin City Council. A laminated sheet must be fitted to each vehicle to identify the specific safety items and instructions vital for the safe operation and upkeep of the vehicle.		
1.1.37	Colours		
	The vehicle must be supplied in Dublin City Council's colours. The successful Tenderer shall be given details of the City Council's colours, which must be matched exactly. The City Council will fit logos to the vehicle upon delivery.		
1.1.38	Wheel Nut Indicators		
	Wheel nut indicators must be fitted to all the external wheels of the vehicle, where applicable.		
1.1.39	Vehicle Under-run Protection		
	Where applicable, the vehicle must be supplied with side and rear under run protection.		
1.1.40	Alarm / Immobiliser		
	The vehicle must be fitted with a manufacturer's standard security / start-inhibition system to prevent unauthorised operation. This may include key-based ignition, electronic drive inhibition, PIN access, or equivalent.		
1.1.41	Keys		
	All Vehicles must be supplied with 4 sets of ignition keys for each vehicle type.		
1.1.42	Tax Disc Holder		
	The Tenderer must supply a secure storage unit on the vehicle dashboard/windscreen to store the insurance disc, tax disc and CVRT certificate securely.		
1.1.43	Vehicle User Manuals		
	The Tenderer must supply vehicle user manuals with each vehicle.		
1.1.44	Bluetooth		
	The cab must have a Bluetooth or equivalent hands free system connected to the vehicle's audio system capable of showing mobile phone information. A 12 volt power point must be fitted on the driver side suitable for charging a mobile phone.		
1.1.45	Technical Specifications		
	Full technical specifications, catalogues and other relevant data are to be furnished with the tender. Failure to comply with this requirement may lead to the tender in question being left out of consideration.		

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