APPENDIX 2 - SPECIFICATION FOR 18 TONNE RCVS

Environment

DN474618

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1. Introduction and Background

1.1. Refer to Appendix 1 – Specification – All RCVs.

2. Scope

2.1. Refer to Appendix 1 – Specification – All RCVs.

3. Requirements

Requirements are presented below under the sub-headings of Essential or Desirable:

Essential:

3.1. Deliver fully operational vehicles as specified by specified dates. Delivery of the initial RCVs will be by 30 November 2020.

3.2. Vehicles will be delivered to BCP Council's specified depot.

3.3. Base vehicle will be Dennis OL 4x2 18t Narrow, with Terberg Omnidel – E bin lift or equivalent.

3.4. Vehicles will be Type Approved.

3.5. Vehicles will be supplied as diesel powered or zero emission (i.e. electric (EV) or hydrogen) as instructed at the point of purchase and confirmed in writing by Purchase Order.

3.6. Vehicles, including all components and fittings that have been added (options) must not be altered from the manufacturer's original supply without the manufacturers approval and which have not in any other way been utilised or fitted in such a way as to invalidate manufacturers or suppliers' warrantees.

3.7. All vehicles will have a low entry walk through cab.

3.8. All vehicles will have a narrow track chassis max width 2250mm.

3.9. Axle configuration will be 4x2.

3.10. Minimum payload capacity will be 4.5 tonne.

3.11. All vehicles will feature electric automatic split bin lift.

3.12. Rear steer not required.

3.13. All vehicles will feature slam shut cab doors.

3.14. Zero or ultra-low emission at tailpipe with all vehicles certified as meeting a minimum of Euro 6 / Euro VI emission standard.

3.15. Each delivered vehicle shall be accompanied by an electronic document stating that vehicle's carbon performance expressed as grams of CO2 per kilometre.

<u>Desirable:</u>

3.16. Engine will be 280 BHP

3.17. Transmission will be:
- 3.17.1. Allison 6 speed auto gearbox (or equivalent)
- 3.17.2. Assisted Electronic Braking System
- 3.17.3. Rear steer disc guards not required

3.18. Safety and body features will include:
- 3.18.1. Operator training & train the trainer (body and bin lift) (FOC). This training is required for 4 (four) officers
- 3.18.2. Service manuals and maintenance training (FOC). This training is required for 4 (four) officers
- 3.18.3. LED work lights x3
- 3.18.4. LED barrier inspection light
- 3.18.5. Integrated front LED beacon and LED side and rear beacons x2
- 3.18.6. 2x LED grille mounted strobes
- 3.18.7. Vehicle Weighing Solutions (VWS) weighing system (or equivalent) linked through in cab display Auto cut out at 17.8t under GVW
- 3.18.8. Body access door steps c/w handles
- 3.18.9. Anti-slip roof
- 3.18.10. Bi pass filtration system
- 3.18.11. Cycle guards
- 3.18.12. High Front of Body Dam
- 3.18.13. Green waste soft pack
- 3.18.14. Manganese floor
- 3.18.15. Front of body netting
- 3.18.16. Brush and shovel kit
- 3.18.17. Hopper drain valve
- 3.18.18. Stoneridge (or equivalent) smart tachograph
- 3.18.19. Back up alarm (white noise) – decibel reduction when driving lights are on
- 3.18.20. Innovative Safety Systems Ltd LED Caution Worker Boards (or equivalent) Front & Rear activated via beacons

3.19. In Cab Entertainment (ICE) will include DAB digital Radio/CD player.

3.20. Security & Comfort will include:
- 3.20.1. Hot hand wash station
- 3.20.2. Air conditioning

3.20.3. Air suspension seat
3.20.4. External controls
3.20.5. Heated windscreen & Mirrors
3.20.6. Body & Chassis Auto lube
3.20.7. Eye wash
3.20.8. Fire extinguisher
3.20.9. Hand wipes

3.21. Paint will be:
3.21.1. Ekla White – SLUK 4890
3.21.2. Bin Lift & Frame Orange RAL2011

3.22. Registration will include 1st registration fee and 12 months road fund licence.

3.23. CMS Supatrak's Ecotrak solution (or equivalent) – with 5-year system with bin count and live weight data (6 tiers):
3.23.1. Vehicle track and trace (GPS).
3.23.2. Variable ping rate.
3.23.3. Driver ID by key fob or tacho (option).
3.23.4. Comprehensive reporting suite.
3.23.5. Integrated CAN bus data.
3.23.6. Including driver behaviour data such as green band RPM range, over revving, cruise control usage, idling, speeding, throttle position, harsh braking, harsh cornering and harsh acceleration.
3.23.7. Crash log alert option for bin lift connections, sweeper sensors and other ancillary equipment.
3.23.8. Bin count and live weight data.

3.24. Innovative Safety Systems Ltd cycle clear system (or equivalent) and 5-way hard drive camera system / 5th camera covering N/S, activated by N/S indicator. Wi-Fi connection and hard drive recording.

3.25. Innovative Safety Systems Ltd Reverse Radar detection system (or equivalent) with in-cab LED Display and audible warning.

3.26. Three sets of all vehicle keys to be supplied.

3.27. Changeable body advertising single-sided panel (Agripa mesh system or equivalent) with fixed yellow retroreflective frame fitted to both sides. Artwork provided.

3.28. Extra 12V USB ports for passengers.

3.29. Cam locks for Header lockers.

3.30. Heated Driver seat.

3.31. Remote locking.

3.32. Rubber packer plate flap

3.33. Rear steer diagnostic leads and supporting software **are not** required

3.34. Rear steer air bag guards on suspension **are not** required

3.35. Passenger Accommodation: for a minimum of three passengers.

4. Payments

4.1. Refer to Appendix 1 – Specification – All RCVs.

5. Standards

5.1. Refer to Appendix 1 – Specification – All RCVs.