
Technical services

Road sweeper

SPECIFICATION GOODS



Council of the
ISLES OF SCILLY

December 2020

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1. SCOPE

The Council of the Isles of Scilly seeks to purchase a UK road legal vehicle capable of sweeping the highways of St Marys, Isles of Scilly.

2. SPECIFICATION

The vehicle we require must meet these minimum specifications:

Road sweeper specifications

Truck/vehicle chassis (all dimensions are approximate)

Day cab
 Left hand drive
 Max. 7500kg gross vehicle weight
 Wheelbase 3105mm
 Width over wings excluding mirrors 2200mm
 Wheel plan 2 axle rigid body
 Length 5690mm
 Engine diesel 3920cc
 Standard manual gearbox plus hydrostatic drive for sweeping
 Highway front and rear double beacons
 Reversing bleeper
 Air con

Truck mounted heavy-duty suction sweeping unit (all dimensions are approximate)

Hydrostatic drive
 Right hand side/gutter brush with nozzle
 Left hand side/gutter brush with nozzle
 Centre/wide sweep brush
 5.5 cubic meter stainless hopper
 Stainless suction fan
 High-pressure lance
 Wander hose/gulley sucker

Front Mounted Spray Bar
 Side brush spraying
 Water storage tank- 900 litres
 Hydrant connector
 Reversing camera

Approximate Sweeping Widths

Suction Nozzle only – 740mm
 Suction Nozzle and Side Brush – 1060mm
 Suction Nozzle, Side Brush and Wide sweep – 2290mm
 Both Nozzles, Both Side Brushes and Wide sweep – 2850mm

Brushes

500mm diameter side brushes
 320mm diameter wide sweep

- 12 months parts and labour warranty for the Isles of Scilly
- Delivery to Penzance quay, for freight to Isles of Scilly and onwards travel to Isles of Scilly Depot

3. VARIATIONS FROM THE SPECIFICATION (VARIANT BIDS)

The Council will not accept variant bids relating to this procurement.

Where variants are allowed the participants will need to identify how the solution proposed provides an equivalent result to the materials, items, processes, methods or other aspects outlined in this specification (and any accompanying documents) for each and every variation from the specification. The participant shall also identify the means by which the equivalence can be verified (independently) by the Contracting Authority.