

County Durham and Darlington Fire and Rescue Service (CDDFRS) wish to engage with experienced emergency service vehicle installation providers to support in the preparation of vehicles for use by blue light staff.

The required services involve the installation of blue light equipment to 13 Skoda Octavia Estate vehicles.

The supplier must provide Risk Assessments at the time of the bid submission.

The required installation services must be carried out at County Durham and Darlington Fire and Rescue Service, Technical Service Centre, Bowburn South Industrial Estate, Bowburn, Durham, DH6 5AD. 1 bay from 8am-4pm, Monday to Friday will be provided for this work to be completed.

Installation works should be completed at a rate of no less than 2 cars per week.

Commencement date is to be confirmed.

CDDFRS will provide the following hardware for installation:

- LED-06BRC3-SB - ED6 E-Dagger, 3/3w Blu/Red, C/L. R65 C:1, Sur./L-Brkt, 12-24
- LED-06BXC3-SB - ED6 Edge Dagger, 6w Blu, C/L. R65 C:2, Sur./L-Brkt, 12-24v
- FWS-D6KC - Edge Dagger 6w - FWS Adjustable < 35-90' Rear/Side/Front
- LED-1094-03 - LED Blue Edge Saber ES3 Module
- LED-1097-03 - LED White Edge Saber ES3 Module
- Uni-LIT-001 - MCS-16 control unit with siren amp and run lock
- SWT-308 – MCS UNO Dual Colour Push Switch and Cabling
- Front number plate holder with LED blue lights to the side (re-used)
- Siren speaker with extension tube (re-used)
- Windscreen mounted covert lights (re-used)
- Aux power supply socket

The supplier must provide all consumable items, including, but not limited to, wiring, double sided self-adhesive tape, cables ties etc. A cost for these items must be included within the full quotation submitted.

Installation Requirements

- Install front number plate light board.
- Install two blue and two white Edge Sabre ES3 LED lights behind the front grill.
- Install covert blue light to the N/S and O/S top corner of the windscreen.
- Install blue Edge Dagger ED6, mounted in an adjustable window pod to N/S and O/S rear side windows.
- Install blue/red Edge Dagger ED6, mounted in an adjustable window pod to N/S and O/S top corner of the boot window.
- Install Zephyr Ultra Slimline 6 to N/S and O/S corner of the boot internal cover which will allow oncoming vehicles to see the warning lights when the boot is open.

- Install an aux power supply behind the driver's seat to allow a temporary lightbar to be fitted.
- Install a siren speaker and extension tube. The siren amplifier powered by the RSG MCS-16 control unit.
- Install and program an MSC-16 control unit. The unit is required to be programmed as follows, controlled by a single button with two functions, first press – 999 mode, second press – AAS mode.

999 Mode

- Activate front number plate lights.
- Activate front grill lights (white lights are to deactivate if sidelights are switched on)
- Flash the headlights or front fog lights (must deactivate if the sidelights are switched on). Flashing the headlights/fog lights may not be possible due to LED headlights.
- Activate covert windscreen lights.
- Activate side window lights.
- Activate rear boot window blue lights.
- Activate aux power supply
- Arm the siren. The siren is required to activate when the vehicle horn is pressed, cycle by double pressing the vehicle horn and deactivate by double pressing the vehicle horn.

AAS Mode

- Activate front number plate lights.
- Activate covert windscreen lights.
- Activate side window lights.
- Activate rear boot window blue and red lights.
- Activate internal boot lights.
- Activate aux power supply.
- Activate engine run lock (this might not be possible due to the vehicle's can-bus system).
- Flash the rear brake lights

CDDFRS Blue Light and Siren Install to 13 2023 Skoda Octavia Estates 29.09.2023



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