

**CHIGWELL PARISH COUNCIL  
OFFICER'S REPORT TO THE PARISH COUNCIL**

**Meeting Date:** 26/02/2026

**Subject:** Proposal to purchase radar speed signs

**Purpose of Report**

Approval is sought for the purchase of one EVOLIS Solar-Mobile radar speed sign, funded through the Speed Camera Budget, for installation at priority speeding locations within the parish. Funding for this initiative has already been approved by the Council, and this report now sets out the recommended product, associated costs, and the proposed operational arrangements.

The sign will support the Council's aim of reducing speeding, enhancing road safety, and collecting accurate traffic and speed data. As fully solar-powered, self-contained units, they require no external electrical supply, enabling flexible and cost-effective deployment.

**Background**

Chigwell Parish Council continues to receive concerns from residents about excessive vehicle speeds on key residential roads. Two priority sites identified for initial deployment are:

- Lee Grove (off Chigwell Rise)
- Courtland Drive

The EVOLIS Vision Radar Speed Sign is an internationally recognised and widely adopted speed-reduction device, with nearly 20,000 councils using the system and 45,000 units in operation worldwide. The model provides a highly visible speed display with colour-coded warnings (green for compliant speeds and red when limits are exceeded). It also records traffic volume, average and maximum speeds, and other key metrics that support data-driven road safety planning.

The Solar-Mobile Pack is recommended due to its full autonomy, long-life battery configuration, and zero ongoing electricity costs. Adequate funding exists within the approved budget.

**Proposal**

It is proposed that the Council approves the purchase of one EVOLIS Solar-Mobile radar speed signs.

Cost Summary:

- One unit: £2,500

- Delivery: £89.99 per unit
- Total (excl. VAT): £2,589.99
- Total (incl. VAT): £3,107.99

This price includes solar panels, batteries, mounting bar, traffic data collection functionality, and all standard features.

### **Council Responsibilities and Considerations**

**Finance & Value for Money:** Funding has already been approved from the Speed Camera Budget. As solar-powered units, the signs incur no ongoing electricity costs. The chosen product has demonstrated long-term durability and represents strong value given its widespread international use.

**Governance:** Officers will ensure that all data collection and storage processes comply with the Council's policies and GDPR requirements. The device will be recorded as Council assets on the fixed asset register.

**Community Engagement:** The introduction of radar speed signs will visibly demonstrate the Council's commitment to improving road safety. The equipment's clear visual deterrence and messaging are expected to reassure residents and reinforce safe driving behaviours.

**Equal Opportunities:** No adverse impacts identified.

**Crime & Disorder:** The device includes lockable steel housings, padlock options, and anti-tamper features, providing security against interference.

**Human Rights:** No impacts identified.

**Health & Safety:** The purpose of the device is to reduce vehicle speeds, improving safety for pedestrians, residents, and road users. The analytics functions support longer-term road safety planning.

**Biodiversity:** Solar operation reduces environmental impact. Installation on Parish Council land will minimise ecological disturbance.

### **Deployment and Operational Model**

It is proposed that officers be delegated authority to:

- Determine the precise placement of the sign on Chigwell Parish Council-owned land.
- Manage the installation, maintenance, and rotation of the sign as required.
- Analyse traffic data and report findings to Council when appropriate.

This operational model provides flexibility to respond to emerging road safety concerns and move the signs between locations as needed.

## **Recommendation**

That Chigwell Parish Council:

1. Approves the purchase of one EVOLIS Solar-Mobile radar speed sign at a total cost of £3,107.99 funded from the Speed Camera Budget.
2. Delegates authority to officers to:
  - Install, manage, and rotate the device.
  - Determine all deployment locations on Parish Council land.
  - Configure and operate associated software and data-reporting tools.
3. Notes that the device are fully solar-powered, require no external electrical connection, and directly support the Council's road safety objectives.

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