



MELTON PARISH COUNCIL

PLA(21)45.04

Speed Indicator Device (SID)

At Full Council on the 17th March 2021 it was agreed that a second SID, up to the value of £4k, could be purchased (minute item 21.30.03) using Community Infrastructure Levy. This will be installed permanently on Woods Lane and include a solar panel. Three companies were contacted for quotes and advice regarding purchasing a SID that would be suitable for this location. It was explained that it is a busy road and that the battery life on the current SID is not adequate. Two companies responded to my enquiry and provided the information as contained in Appendix A.

I spoke to a Councillor from Durrington and Larkhill in Wiltshire. They have 7 SIDs and he was highly complimentary about the products from company one. They have a slow down flashing sign (cheaper option) and a PTSC906. He thoroughly recommends the products and the company. The solar panel/battery combination has meant they have not had to touch the battery since it was installed 18 months ago.

Ufford Parish Council have installed a SID from company two recently. They experienced teething problems initially and although it was working well it has recently stopped working. However, they said that the company has been extremely helpful and have supplied replacement parts. Ufford Parish Council has offered assistance setting up and using the SID should we purchase one of these systems. It should be noted that they did say the solar panel doesn't always provide enough charge and so sometimes the SID doesn't work.







Recommendations



Councillors are asked to decide which SID they wish to purchase or if they wish to delegate the final decision to the Assistant Clerk.

A handwritten signature in black ink, appearing to be 'Pip Alder', written on a light-colored background.

Pip Alder
Assistant Clerk and Management Officer
21st April 2021

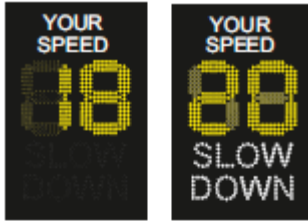
Appendix A - SID Options

Company	Model	Description	Price	Extras/Notes
One	PTSC 901 Radar speed sign	 <p>Key Features</p> <ul style="list-style-type: none"> • Advanced accuracy K band doppler radar sensor • High brightness/low power LED technology • Up to 100 metres range • Optional battery, solar and mains operation • 22 Ah onboard battery as standard • Various mounting options • Comprehensive support • Designed and manufactured in the UK  	<p>£1895.00</p> <p>+ £525 for solar panel</p> <p>(£2420)</p>	<p>PTSC 854, a 46watt Solar kit</p> <p>Optional data-logging facility and PC based traffic statistics software £250.00</p> <p>Collected data, such as traffic volume and speed averages, can then be downloaded via the USB lead provided to a laptop PC and takes less than a minute.</p> <p>Carriage £35.00</p>
	PTSC 901 RR Radar speed sign with reflective white front	 <p>Key Features</p> <ul style="list-style-type: none"> • Advanced accuracy K band doppler radar sensor • High brightness/low power LED technology • Up to 100 metres range • 22 Ah onboard battery as standard • Optional battery, solar and mains operation • Various mounting options • FREE PC based software tools • Comprehensive support • Designed and manufactured in the UK  	<p>£1995.00</p> <p>+ £525 for solar panel</p> <p>(£2520)</p>	<p>The signs and solar arrive complete with post clips or screw-bands for an easy fix to an existing post.</p> <p>2 Year warranty</p>

<p>PTSC 904 Radar speed sign with additional 'slow down/thank you' message</p>		<p>Key Features</p> <ul style="list-style-type: none"> • Advanced accuracy K band doppler radar sensor • High brightness/low power LED technology • Smiley face & sad face pictograms & large text • Optional battery, solar and mains operation • 22 Ah onboard battery as standard • Up to 100 metres range • Various mounting options • Comprehensive support • Designed and manufactured in the UK <p>QMS ISO 9001 REGISTERED</p> <p>TOPAS A supplier of TOPAS registered products</p>	<p>£2145.00 + £525 for solar panel</p> <p>(£2670)</p>	
<p>PTSC 906 Radar speed sign with additional, large 'SLOW DOWN/ THANK YOU' message and smiley/sad face</p>		<p>Key Features</p> <ul style="list-style-type: none"> • Advanced accuracy K band doppler radar sensor • High brightness/low power LED technology • Up to 100 metres range • 22 Ah onboard battery as standard • Optional battery, solar and mains operation • Various mounting options • Comprehensive support • Designed and manufactured in the UK <p>QMS ISO 9001 REGISTERED</p> <p>TOPAS A supplier of TOPAS registered products</p>	<p>£2395.00 + £525 for solar panel</p> <p>(£2920)</p>	

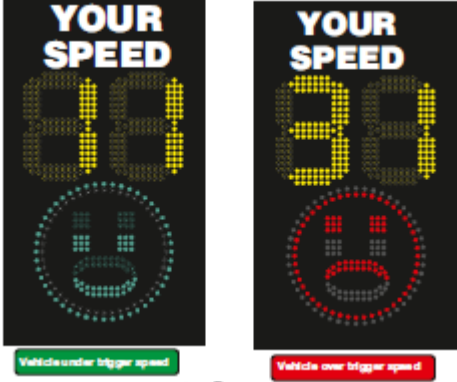

Company	Model	Description	Price	Extras/Notes
Two	SLOW DOWN		£960.00	Battery option included in the price is for a 1x20w solar panel 2x20ah Lithium Ion Batteries and Charger. Other options are shown below.
	fixed speed signs		£1360.00	<p>Detection range is 40m to 100m. Fittings for a variable diameter post are included.</p> <p>An additional data collection facility is available on all speed signs via a USB connection to enable data extraction from the unit. In conjunction with this facility</p>

your speed



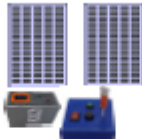




£1800.00

the speed display can be turned off but the data recording remains live so driver behaviour can be monitored. A Visualisation program is supplied which permits the data to be shown in graphical format. This data option costs £240.00. Two batteries are supplied with the solar systems together with a mains trickle charger. We give a 2 year return to base warranty. Delivery is £35.00

<p>Bi-Colour sign gives a green speed indication when an approaching vehicle is below the speed limit and a red speed indication + slow down when a vehicle exceeds the speed limit.</p>		<p>£1014.00</p>	
<p>Your Speed Sign - landscape</p>	<p>The speed display is set in the left hand side of the sign and either a green SMILEY face is shown when vehicles are below the speed limit or a red MISERABLE face is shown when vehicles are above the speed limit.</p> 	<p>£2020.00</p>	

Battery Powered with Solar Assisted Charging

				
1x20w Solar Panel 2x20ah Lithium Ion Batteries & Charger £375.00	1x20w Solar Panel 2x30ah Lithium Ion Batteries & Charger £435.00	2x20w Solar Panels 2x40ah Lithium Ion Batteries & Charger £525.0	4x20w Solar Panels 2 x100ah Lithium Ion Batteries & Charger £14650.00	4x20w Solar Panels 2 x100ah Sealed Lead Acid Batteries & Charger £835.00