



# MELTON PARISH COUNCIL

IMC(20)37

## Security Proposals for Melton Playing Field – CCTV provision

Due to continued incidents of antisocial behaviour and a noticeable increase in recent months, increased security measures are required at the playing field. Installation of an automatic gate was considered too costly and would not provide a suitable solution. Since the end of May the gate has been closed manually between 8pm and 7am. This has seen a reduction in antisocial behaviour in the car park in the evenings. However there are still reports of littering, petty vandalism, fly tipping and youths accessing the Pavilion roof etc.

As a result CCTV quotes have been sought from 4 companies, identified through a mix of recommendations, direct contact and internet searches. All companies have visited the site to produce their quote.

All installations allow footage to be viewed in the Pavilion on a recorder and monitor. To view remotely, have trip alerts etc. it needs to be internet enabled. This can be done through a fixed line or using a 4G sim.

BT have quoted £350 to install a line (subject to survey) and £23.70/month for line rental. Unlimited data allowance would cost £46/month for fibre and £32/month for copper. Once a line is installed there is no fixed term and we could change provider. Two of the quotes include costs for a 4G sim.

	Company 1	Company 2	Company 3	Company 4
<b>Equipment</b>	3 x cameras – Pan, Tilt, Zoom (PTZ) 1 x 2TB NVR Signage supplied	3 x cameras 1 x 2TB DVR and 21” monitor Signage supplied	2 x cameras 1 x 4TB NVR 1 x 21.5” monitor Signage supplied	2 x cameras 1 x DVR and 21” monitor
<b>Location</b>	Car park  Tennis Court looking at court/car park  Tennis Court looking at Pavilion  Mounted on high level posts	2 in Car Park - installed on a 3m column mounted on the existing brick pier at the entrance to view the general area across the Car Park and Tennis Courts  1 on corner of the Tennis Court Fence to view the general area across to the Pavilion.	Car Park entrance  Tennis court corner looking at Pavilion	Car Park entrance  Tennis court corner looking at Pavilion
<b>Camera Specification</b>	1/2.8” 2Megapixel STARVIS™ CMOS   Powerful 25x optical zoom   Starlight	External Eyeball Style AHD 1080p colour/mono camera fitted with a	1 x Dahua 5 Megapixel Wide Dynamic Range	2 X CAMERAS 5MP TURRET HIK VISION

	technology   H.265 Encoding   Max. 50/60fps@1080P, 25/30/50/60fps@720P   Auto-tracking and IVS   Support PoE+   IR distance up to 150m   IP66	2.8mm lens and IR LEDs with a range of up to 30m	2.8mm Turret Style Camera  1 x Dahua 5 Megapixel Wide Dynamic Range 2.7mm – 13.5mm Varifocal Turret Style Camera	
<b>Viewing</b>	Mobile app (with internet connection) NVR recorder in Pavilion (with/without internet connection)	DVR with monitor located in Pavilion Mobile app (with internet connection)	NVR with monitor located in Pavilion	Monitor in Pavilion
<b>Equipment cost</b>	N/A	£1950 +VAT (purchase outright)	£2638.05 + VAT (purchase outright)	£1,900 +VAT
<b>Monthly cost</b>	£123.10	N/A	£71.41	N/A
<b>Wifi cost and spec</b>	£30 per month 4G router and SIM (30GB)	£390 per annum CSL router with 4G fixed network SIM. Monthly usage of up to 5GB (120 mins viewing)	Would need to be purchased separately	N/A
<b>Total annual cost</b>	£1837.20	£2340 (year 1) £390 thereafter	£2638.05 (year 1) £856.92 (rental) Plus internet costs	N/A
<b>Rental Term</b>	7 years	N/A	4 years	N/A
<b>Warranty/ Maintenance</b>	1 year maintenance included £19 per month thereafter	Optional Silver service and maintenance £300 +VAT per annum	Included for 4 years on outright purchase or rental	N/A
<b>Notes</b>	<p>Would use duct to pull through cabling to connect cameras to DVR in Pavilion.</p> <p>PTZ cameras allow you to move them and have people tracking these also come with Starlight which is a type of night vision in low light. All of the cameras have the ability of trip wires and detection boxes.</p> <p>Storage recording capacity is 15 days (with motion recording set in the evening)</p> <p>Vandal dome cameras are tested rigorously so can be hit by a sledge hammer without breakage also are aerosol resistant.</p>	<p>Would use duct to pull through cabling to connect cameras to DVR in Pavilion.</p> <p>Supply and install 1x4.5m fix based column for Pavilion camera to enhance security and stability £1250 +VAT</p> <p>Should be able to read number plates but they are not ANPR.</p> <p>Infra Red LED's are fitted to the cameras so the cameras can see in black and white at night time if there are no other light sources, however</p>	<p>Quote based on wireless bridges rather than fixed line</p> <p>Suitable fixing poles would need to be erected by Maintenance Officer</p> <p>On continuous record. Virtual tripwire is included – can set it off – if internet enabled alerts your phone. If not internet enabled you can see alerts when you log in to view on the NVR.</p> <p>Varifocal camera starts with wide lens and then you can narrow down</p>	Trenches and post to be erected by Maintenance Officer at our cost

		<p>the night time view will not be as good as the day time colour view.</p> <p>The cameras are as vandal resistant as they can be. We are proposing "eyeball" type cameras so that they have a smaller profile, they are made from cast aluminium with lexan polycarbonate covering the lens and IR LED's.</p> <p>All cameras are at risk of being sprayed or hit if they are not fitted at a height to try and minimise this, hence we have quoted for a 3m post in the car park and a 4.5m post for the pavilion.</p>	<p>the field. You can change settings through NVR.</p> <p>If internet enabled can view footage remotely via app. No extra cost with app.</p> <p>Number plate should be able to be read but not ANPR. AMP camera can be better at night with bright headlights. Digital zoom on footage.</p> <p>The term 'vandal proof' is used generally as they are very robust, the lenses can't be moved/ tampered with and they withstand a high degree of blunt force.</p> <p>Only positioning the cameras high enough would prevent them from being sprayed with a substance, having guards installed on the posts/poles where cameras are installed is always a good idea and deterrent.</p> <p>It is actually very rare that we see cameras being tampered with these days.</p>	
<b>Considerations</b>		Used by another council in the area	Works with lots of parish and town councils	



Councillors are asked to:

1. Decide if they wish to proceed with CCTV installation
2. Decide if they want to install an internet enabled system to allow for remote viewing
3. Decide if they wish to proceed with one of the quotes provided

Pip Alder  
Asst Clerk and Management Officer  
10 June 2020