



ESTIMATE

Date	Quote #
23/11/22	AAAQ4538-08

J881408 St Michaels & All Angels Kingsnorth - AV Upgrade-rev8

Client: Julian Sheehan
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 Kingsnorth
 Ashford, Kent TN23 3EQ

Phone:
Email:

Here is the quote you requested.

Qty	Description	Unit Price	Net Price
1	<p>Installation of high quality Yamaha speaker system comprising of the following main items: 3 Yamaha VXL column speakers on adjustable bracket 1 existing column speaker at high level to cover the Chancel 1 Sub Speaker under Pulpit Digital speaker management system Remote wired simple controller for audio mixing of fixed microphones New microphone for the Lectern Existing audio mixer</p> <p>YAMAHA PA2120 POWER AMPLIFIER 200W 100V LINE SINGLE OUTPUT OR 2 X 100 VOLT / 80 120W PER CHANNEL SELECTABLE 1U Yamaha XMV4280 Multi-channel amplifier, 4x 280W at 8 ohms. 4x 250W at 100V line (3) YAMAHA WMBL1W WALL MOUNT BRACKET FOR VXL SPEAKER WHITE (3) YAMAHA VXL1W16 SLIM WHITE 16 DRIVER LINE ARRAY COLUMN SPEAKER - EACH Allen & Heath. IP6 remote controller for dLive. 6 x rotary encoders, PoE, TCP/IP Allen & Heath AHM32. 32x32 digital matrix Audio Technica ES925 Cardioid gooseneck with XLR connector Installation materials Installation</p> <p>Sub speaker under Pulpit (Sub dimensions W:260 x H:500 x D:389mm) YAMAHA VXS10S 10" DUAL VOICE COIL SUBWOOFER 200W 80, BLACK or WHITE - EACH Installation materials Installation</p> <p>Supply and replace existing old radio microphones with new professional systems & install a remote aerial system for reliable reception. This quote includes three body pack transmitter systems and one handheld system, rechargeable batteries and drop-in charging units. There is also a Plug-on transmitter & receiver - for the portable lectern</p> <p>A further 3 micro headsets have been allowed for and are compatible with these models.</p>	£16,631.86	£16,631.86

Qty	Description	Unit Price	Net Price
	<p>(3) Audio Technica ATW-2110BP radio microphone system comprising ATW-R2100b receiver, ATW-T210a UniPak body-pack transmitter and AT829cW cardioid condenser lavalier microphone.</p> <p>Audio Technica ATW-2120B radio microphone system comprising ATW-R2100B receiver and ATW-T220 Handheld transmitter</p> <p>Audio Technica AT8630 Joining plate kit for 2000 & 3000 series wireless systems</p> <p>Audio Technica UHF Antenna distribution system</p> <p>(2) Remote dipole antenna, UHF with 8dB gain</p> <p>(2) Audio Technica plug in charging unit for 2 x 2000a series radio transmitters</p> <p>Miniature head-worn microphone, flesh coloured with Hirose 4 pin connector for use with Audio technica equipment</p> <p>Plug-on transmitter & receiver - for portable lectern</p> <p>Sennheiser EM100 G4 Rackmount true diversity receiver. Includes GA3 rack kit</p> <p>Sennheiser evolution SKP 500 G4 Plug on transmitter with phantom power</p> <p>Audio Technica ES925ML12/XLR 12" Double Gooseneck ML Mic XLR</p> <p>Audio Technica AT8647QMS shockmount base for quick mount gooseneck microphones with a switch for fixed installation.</p> <p>Installation materials</p> <p>Installation</p> <p>Integrate existing 100v line speakers to Tower and Back Room area into new PA desk</p>		
1		£13,785.07	£13,785.07

Projector & Retractable Screen

This design offers large screen visuals when needed and packs away ensuring the original lines of the church are unchanged. The central screen is a winch type which is stored behind the Chancel arch when not in use and lowers on two thin steel cables. Once opened the main screen fabric unfurls to a predetermined height. We have chosen a screen with a viewing width of 2.4 meters (8 feet) which is sufficient to read text from the back. An Epson, 7000 Lumen laser projector with a standard lens would be mounted under the nearest high level beam.

Laser projectors have a huge advantage over their lamp counterparts, as they do not require major servicing throughout their lifetime and of course, no lamps to replace. Over the lifetime of the projector, lasers have lower runnings costs.

We have initially proposed a projection screen of 2.4m width as this can easily be located just above the arch which is 6.7m above the floor

Installation of high quality video system comprising of the following main items:

- 1 high level 1080p (Full HD) laser projector in Nave**
- 1 electric screen winch system controlled from PA desk**
- Digital video scaler for correct image control onto screens**
- Button control for video input selection and projector control**
- HDMI input at front**
- HDMI input at PA desk**
- Ability to add another HDMI source i.e. BluRay player**

Sapphire Smart Move 2.4m 16:9 Two Motor Electric Projection Screen with winch system

Panasonic PT FRZ50BEJ 5200 Lumens laser projector. Including 1.46-2.94:1 Lens

Unicol Standard Wall Arm with column spigot

Unicol Projector mount, up to 45kgs . Black Sinterflex

Qty	Description	Unit Price	Net Price
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Unicol 1000mm column

Video Inputs, Processing, Distribution & Control

HDMI Input plates in the following locations:

Chancel Steps (by Lecern)

In PA system cabinet

Wireless HDMI connection

An illuminated, labelled button plate would control the display On/ Off and projector screen up/down as well as select the inputs:

- HDMI Front**
- HDMI Rear**
- Spare HDMI x3**

Video processing is required to select inputs and to correctly handle images on the displays. Video outputs to:

- Main Projector**
- Comfort Monitor**
- Vestry Display**
- Streaming**

Extron IN1608xi Eight Input HDCP-Compliant Scaling Presentation Switcher with DTP Extension

10 button Keypad Controller. Tri-colour LEDs, 4 Bi-directional RS232/IR ports. UK 2-gang white faceplate

Extron DTP T MK 4K 231 HDMI wallplate over cat6 transmitter (70M)

(2) Extron DTP HDMI 4K 230 Rx, HDMI Twisted Pair Extender Receiver

Extron DTP HDMI 4K 230 Tx, HDMI Twisted Pair Extender Transmitter

Barco ClickShare CX-20 complete with 1 button. 4K UHD (3840*2160) @ 30Hz. HDMI 1.4b (x1), Audio Output USB, HDMI, Clickshare App Desktop & Mobile, Windows 8/8.1/10. macOS 10.13 and higher Android v9 and higher (ClickShare app) iOS 12 and higher (ClickShare app) 1 year warranty, additional 4 year can be obtained.

Installation materials

Installation

1		£1,375.55	£1,375.55
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24" lightweight display to be mounted onto a stand for the Band. The screen would be fed via a Cat6 system to a HDMI wall plate and the image displayed would be the same as that from the projector. A HDMI outlet would be located in the Chancel as shown on the drawing for convenience. A long HDMI and mains lead would allow the screen to be moved around the Chancel area and also to be disconnected for safe storage. The price is based on the works being done as the same time as the main video installation

HANNspree 24" display with HDMI, DVI & VGA inputs. Wide viewing angle, VESA mount

K&M VESA adapter for LCD/TFT monitors. Requires Mic stand

K&M Speaker stand, Black 12Kgs

Extron DTP T HWP 4K 231 D - HDMI over catx wallplate receiver. White

Extron DTP HDMI 4K 230 Tx, HDMI Twisted Pair Extender Transmitter

Installation materials

Installation

1		£4,547.04	£4,547.04
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Qty	Description	Unit Price	Net Price
1	<p>Pan, Tilt, Zoom widescreen HD camera for viewing Pulpit and Chancel & potentially the Font on projector screen. Controller and mini video monitor at PA desk position. Also includes ability to stream from ATEM Mini ro video controller</p> <p>Avonic AV-MT200-W - White Wall Mount for Avonic Cameras</p> <p>Avonic PTZ Controller</p> <p>Avonic CM40 PTZ Camera in White or Black, 20x Optical Zoom, Full HD 1080p60, HDMI, 3G-SDI, USB 2.0 with Infra Red remote control</p> <p>Lilliput 869GL-80NP/C - 8" HDMI monitor</p> <p>Extron HDMI DA2 HDMI Distribution Amplifier Two Output HDMI</p> <p>(3) SY HS12-18G HDMI 1 to 2 splitter 4K 18Gbps</p> <p>BlackMagic Design Miniconverter, SDI to HDMI</p> <p>24" display with HDMI, DVI & VGA inputs. Wide viewing angle, VESA mount</p> <p>Blackmagic Design Micro Converter SDI 3G to HDMI with SDI loop through</p> <p>Blackmagic Design Mini Pro, 4 HDMI input switcher with USB output. Various built in effects including Picture in Picture. Multiview output and dedicated streaming buttons</p> <p>Installation materials</p> <p>Installation</p>	£4,555.60	£4,555.60
1	<p>Meeting Room with 43" display & Speaker fed from main church. Data & Network/ Wireless Access Points from vestry to Pa desk</p> <p>Samsung 43", Black, Commercial TV, 4K UHD and 3x HDMI</p> <p>B-TECH XRWALLF FLAT SCREEN WALL MOUNT</p> <p>(2) Extron DTP HDMI 4K 230 Rx, HDMI Twisted Pair Extender Receiver</p> <p>Extron DTP HDMI 4K 230 Tx, HDMI Twisted Pair Extender Transmitter</p> <p>Yamaha PA2030 Power Amplifier 60W 100V line, 8 Ohms 30W per channel</p> <p>EV ZXi1 loudspeaker. 8" 2-Way, 200 W, 100°x100°, install version, SAM, white or black</p> <p>6 button Keypad Controller. Tri-colour LEDS, 2 bi-directional RS232/IR ports, UK 1-gang white faceplate</p> <p>Cisco SG250-08 8-Port Gigabit Smart Switch</p> <p>(3) Ubiquiti U6-Lite Unifi WiFi 6 Access Point (1500Mbps AX)</p> <p>120W/100V Speaker volume control</p> <p>Installation materials</p> <p>Installation</p>	£1,586.75	£1,586.75
1	<p>AV Desk to house the equipment, with locking doors and covers</p> <p>Real wood Oak veneer PA Cabinet. Dimensions: W-1194mm x D-750mm x H-1002mm, Lockable folding top, Cable management, 14u lockable cupboard, Soft close hinges, Soft close hinges, Adjustable shelving as standard, Lockable/removable back panel</p> <p>AV Desk Delivery</p>	£625.00	£625.00
1	<p>Manuals, Training & Project Management</p> <p>Project Management</p>		

Qty	Description	Unit Price	Net Price
		Sub Total	£43,106.87
		VAT	£8,621.37
		Total	£51,728.24

Prices subject to VAT @ 20.0% unless otherwise stated
This quotation is valid for 30 days
E&OE
Our normal terms are:
20% with order
50% on start of works
30% on completion