



Public Buildings Committee – 9th January 2017
PA System for the Assembly Room
Agenda Item 7

This item was brought to Public Buildings committee on 28th November and deferred for further information.

I have attached quotations from the three contractors who quoted for the work. We also sought quotations from the supplier of the meeting microphone system and a local company who have quoted in the past but these brought no response.

The contractors who did quote were shown the PA system and advised of the problems with the existing system:

- a) Loud cracking noise through the speakers even when the microphones are not in use.
- b) Picking up of sound from external PA systems
- c) Hearing loop problems

The quotations included both an upgrade of the system to give a more flexible product and a solution for the problems encountered.

Residents complain of low volume during meetings in the assembly room even when the microphone system is in use but there is a reluctance to use the old PA and speaker system owing to the ear-piercing cracking noise when it is in use.

The diary has now been cleared for the assembly room on Monday evenings and it will be possible to hold meetings there, not just for Town Council but when a significant number of members of the public are expected to attend. A functioning PA system and hearing loop is very important in this respect.

Of the contractors below, all were considered capable of providing a solution but contractor 2 instilled the most confidence in their ability and is very reasonably priced.

Contractor 1:

Update the sound system to include 4 speakers, a new amplifier / mixer and the ability to plug in the push-to-talk system (i.e. conference audio system used at meetings). Fully installed.

Total cost: £2538.00

Contractor 2:

Design & installation of a new multi-use audio system with various user interface options, to allow for the complete coverage of the hall for a variety of uses from spoken word to music playback. To include multi-channel mixing interface to accept input from existing radio mics, local playback from CDs, MP3s etc., and remote connection with other devices.

Total cost: £2099.00

Contractor 3:

To install a good quality music system, with four radio microphones and a compact single disc player with iPod capabilities. Fully installed with staff training. Testing of the hearing loop and integration into the new system, and to quote for the replacement of this if necessary.

Total cost: £3768.00

Proposal: That the quotation from contractor 2 should be accepted.



Phil Burgess
Town Clerk

Impact on Crime & Disorder:
Impact on Biodiversity Conservation:

None
None

Assembly Room sound system quotes

Contractor 1

QUOTE 171116

22/11/16

Client: Tenterden Town Council

Brief:

Update the sound system in the hall to include 4 speakers, a new amplifier/mixer and the ability to plug in the push-to-talk system.

Item	Cost	Quantity	Line total
Crown 1500 Amplifier	489	1	489
Speaker Cable 100M	149	1	149
Cable Clips	5	1	5
Cable ends	5	8	40
Behringer mixer 1202FX	179	1	179
HK PP Speakers 10"	275	4	1100
Speaker brackets	25	4	100
3.5MM cable 3m	7	2	14
Phono to jack Cable 3m	7	1	7
Additional cabling	25	1	25
Phono Tie line and wall box (for push to talk system)			
Labour 2 techs / 1 day	25	16	400
Fuel	30	1	30
TOTAL			2538

Totals

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£2538 GRAND TOTAL

TERMS: Payable 2/3 in advance 1/3 on completion

Assembly Room sound system quotes


Contractor 2

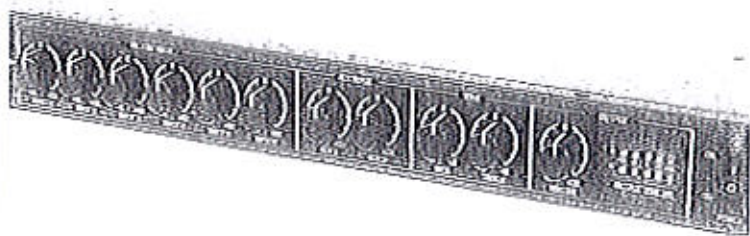
TO:

Mr Robert Parham
Tenterden Town Council
Tenterden Town Hall

Date: 23/11/16	QUOTE	Quote No: QV0TTH1.01
Hire Period: NA	Hire Start Date: NA	Hire Finish Date: NA
Venue: Town Hall	Delivery/Dry Hire: NA	Value for Insurance: £NA

CODE	Description	Quant.	£Value
AUSS	<p>Audio Systems installation.</p> <p>The design and installation of a new multi use audio system with various user interface options. The system is to provide clean clear audio reproduction at high SPL across the venue. The system is to allow for the complete coverage of the hall for a variety of uses from spoken word to music playback.</p> <p>The system shall consist of a multi channel mixing interface which will accept inputs from the existing radio microphones, local playback devices such as cd dvd/ ipod/ mp3 and allow for the remote connection of other devices and sub mixers depending on use of the hall.</p> <p>A secure rack will be provided to house all equipment securely.</p> <p>Works to be completed in a time frame of approx 2 days with the site being left clean and clear at installation finish.</p> <p>Phonophobia will provide all tools and required access, supply full staff training and provide on going assistance regarding the maintenance and user assistance once completed.</p>		

SPK	<p>Loudspeaker system: Six loudspeakers to be installed in the hall l/r of stage, l/r mid room and l/r rear to provide full coverage. The speakers shall be safely installed to the walls using Powerdrive steel speaker installation hardware with secondary suspension safety lines installed. Cabinets and hardware will be white in colour and cable containment be via white conduit.</p>		
	<p>810 10 full range loudspeaker in white supplied with wall bracket (stage end)</p>	2	£386.00
	<p>810 08 full range loudspeaker in white supplied with wall bracket (mid room l/r and rear room l/r)</p>	4	£440.00
	<p>Image of suggested loudspeaker cabinets :</p> 		
APP	<p>System Amplification: A high quality four channel power amplifier is to be supplied which will enable fine tuning of the system by allowing different levels to be sent to the stage end loudspeakers and the rest of the room. This will allow the user to shut off delay speakers for end on events</p>		

	<p>or control the level of the side and rear speakers to suit the halls use and occupancy at the time.</p> <p>QP241 quad power amplifier (black)</p>	1	£275.00
CTL	<p>System Control:</p> <p>A simple to use mic/line rack mixer is to be installed in the rack to enable the control for up to six microphones of any kind and two inputs for external devices such as mp3/ cd/ dvd and sub mixers/ instruments. Inputs will be clearly labeled and all interface cables supplied.</p> <p>MM026 Uk version mic line mixing console</p> 	1	£204.00
SEC	<p>Secure Steel installation rack.</p> <p>We propose to remove the wooden enclosure currently installed, build a timber base frame for a black steel rack housing to securely hold all new and existing equipment. This will provide a clean working environment with managed cable installation for easy use.</p> <p>Although this is optional it is highly recommended as the existing area is not sufficient for storing standard rack equipment safely.</p> <p>12Unit steel installation rack supplied with blanking panels, shelves for existing equipment and cable management system including mains distribution</p>	1	£206.00
CBCT	Installation cable and containment	1	£134.00
SND	Sundries	1	£54.00
LB	Installation crew	2	£400.00

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Notes:

Quotations are valid for 30 days from date shown.
The person dealing with your request is Mark
Chant 01622 861 626 mark@phonophobia-
online.co.uk

Equipment	£1,511.00
Cable/ Sundries	£188.00
Staffing	£400.00
TOTAL ex vat	£2,099.00

Assembly Room sound system quotes

Contractor 3

To: Mr Rob Farham
Town Hall
Tenterden
Kent
TN306AN

Quotation

Dear Rob

With regards to our recent survey of your Town Hall, we have the pleasure of providing you with the quotation based on our discussion with yourselves.

We propose to supply and install a good quality Music system, with four Radio Microphones, And a compact single disc player with IPOD capabilities.

To install Four Good Quality Electrovoice Speakers in the corners of the hall,

To supply and install a 12 u rack cabinet with an Australian monitor microphone mixer, including a Qsc Power amplifier and three Sennhisser Handheld radio microphones systems, and one Sennhisser lapel System.

To fully install, and commission the sound system with staff training provided to ensure full understanding of the sound system.

We will test your induction loop amplifier and install it into the rack cabinet.
If the Loop amplifier does not work a separate quote will be provided to replace the unit.

We will provide a fully inclusive, after sales on site back up for the first twelve months.

Please note we cannot be held responsible for any remedial work caused during our work.

All cables will be concealed where possible

This quote is based on normal working hours.

A licence will need to be obtained by you for channel 38 for the radio Microphones.

Total cost £3,768.00 Ex Vat

If we have misunderstood any of your requirements an alternative quotation can be provided

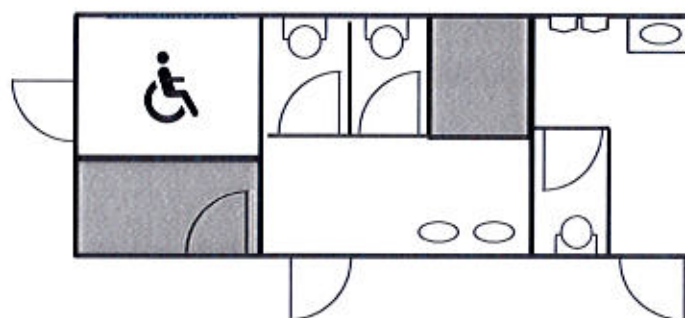


The public toilets at St. Michaels continue to suffer severe vandalism, in spite of the installation of steel coin-operated doors. The small floorplan of the facility makes installation of CCTV cameras within the building unworkable (as this would impact on users' privacy), meaning that it is all-but impossible to prosecute culprits of vandalism, even if they are seen to be 'misbehaving' outside the premises.

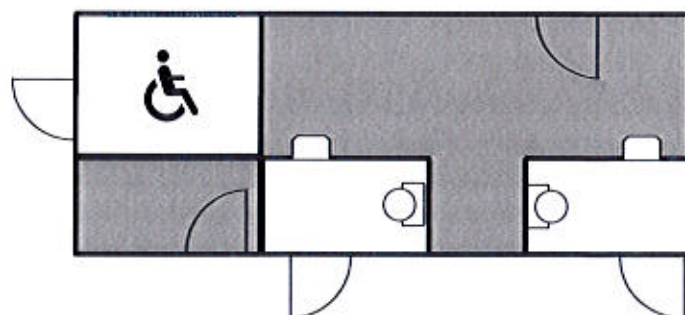
As it has proved impossible to deter vandalism through monitoring techniques, it seems the most sensible option is to refit the building to be as vandal-resistant as possible. This would involve reconfiguring the main two rooms to form just two cubicles which are accessed directly from the outside (i.e. no vestibule area) to reduce the area that vandals can occupy. Each cubicle would have its own automatic wash basin inset into the wall to prevent the sanitary ware being ripped from the walls again. No changes would be made to the accessible toilet facility, as this does not attract vandalism at present, and is secured at all times using the RADAR key system.

The below illustrations indicate the present and proposed layouts. These are for illustrative purposes and are not drawn to scale. The grey areas are service areas; a new door would be installed where a window is presently to allow access to a new larger maintenance store / service area.

Present:



Proposed:



The reconfiguration work would mostly be carried out by the Council's maintenance staff, apart from specialised water and electrical work. Inset automatic basin / hand-dryers are considered the most vandal-resistant option, and are often used in high-risk areas such as custody suites. Pricing depends on the specification required. So far (due possibly to Christmas & New Year closure periods) we have only one range of quotes:

Water only (i.e. no soap or drying functionality)	-	£521.50 per basin
Soap, water & hot air dryer	-	£1,780.00 per basin

It is the opinion of the office that the 'water only' option would suffice. We would not be able to provide separate soap dispenser or hand dryer, as these would very likely be targeted by vandals.

It is crucial that these toilet facilities are overhauled without delay if they are to continue to be provided; at present they continue to incur large costs on a regular basis, and are often closed off from the public due to being left in a dangerous state.

Proposal: That a total budget of £5,000.00 be allotted to include electrical and plumbing work and the purchase of water-only inset basins and replacement WC pans if deemed necessary as work progresses.



Phil Burgess
Town Clerk

Impact on Crime & Disorder: Significant reduction in vandalism.
Impact on Biodiversity Conservation: None.



Left – Water only option - £521.50



Right – Soap, water, hot air option - £1,780.00