

## TENDERER'S TECHNICAL OFFER (Note 3)

### **Lot 1 - The supply, delivery, installation, and commissioning of two (2) interactive display units at the St. Jerome's Room in the Caravaggio Wing at St John's Co-Cathedral.**

**Note 1:** Where in this tender document a standard, brand or label is quoted, it is to be understood that the Contracting Authority will accept equivalent standards, brands or labels. However, it will be the responsibility of the respective bidders, at tendering stage, to prove that the standards, brands or labels they quoted are equivalent to the standards requested by the Contracting Authority.

**Note 2:** The two (2) interactive display units, subject for supply, delivery, installation and commissioning in this tender document constitute of the following listed equipment for each interactive display unit.

- 1.1. Fabricated housing
- 1.2. Interactive multi-touch screen
- 1.3. External camera
- 1.4. Computing machine
- 1.5. UPS
- 1.6. Stereo Speakers

Tenderers that fail to complete, duly sign and provide the requested information will be deemed as non-compliant and will not be considered further for final adjudication. The information/technical specifications provided in the below table shall not be subject to rectifications.

**Literature as per Literature List shall be submitted with the offer:** For some of the items offered, the respective supporting documents and printed manufacturer's technical literature shall be submitted as requested in the literature list.

Tenderers are to note that no information of a financial nature is to be submitted with this Form. Such information is to be included in the Financial Offer.

The Technical Offer shall constitute the following:

Any No as an answer will render the bid invalid.

Item No	Description	
<b>1. Fabricated Housing Unit</b>		
	<b><u>Bidders please include details below or provide relevant details in the Literature List (a-e):</u></b>	
a	Brand (if applicable):	
b	Model (if applicable):	
c	Colour (Bidders must provide at least two (2) available colour schemes):	
d	Material:	
e	Dimensions (refer to section 4 – Specifications, Lot 1, point 13):	
<b>Reference as per Section 4 - Specifications</b>	<b><u>Specifications - Reference is to be made to Section 4 of the tender document - Specifications – Lot 1: 6, 7, 8, 9, 13, 20</u></b>	<b>Bidders should indicate a ‘YES’ if their bid complies with the specifications requested. A ‘NO’ answer will render the bid technically not compliant.</b>
6	Bidders must provide at least two (2) available colour schemes for the housing of the unit in line with the colour scheme of the room in question. Colour/ finish shall be chosen by the Contracting Authority and communicated upon signing of the contract.	<b>YES/NO</b>
7	The fabricated housing unit as a whole must be an independent fixed unit with its fabricated housing concealed and inline with the room’s setting. The look and feel of unit should resemble the artistic impression shown in the Specifications or similar.	<b>YES/NO</b>
8	The housing material should be of high-quality that endures the normal use by multiple users in a museum setup.	<b>YES/NO</b>
9	The bottom support should be adequate to not conduct any harm to the location’s flooring (if applicable).	<b>YES/NO</b>

13	The fabricated housing unit is to be in line with the following height ranges shown in the figure in the Specifications.	YES/NO
<b>2. Interactive multi-touch screen</b>		
	<b><u>Bidders please include details below or provide relevant details in the Literature List (a-d):</u></b>	
a	Brand (if applicable):	
b	Model (if applicable):	
c	Material:	
d	Dimensions (Screen size shall be between 50'' - 55'' (inches) diagonally):	
<b>Reference as per Section 4 - Specifications</b>	<b><u>Specifications - Reference is to be made to Section 4 of the tender document - Specifications – Lot 1: 10, 11, 12, 14, 21</u></b>	<b>Bidders should indicate a 'YES' if their bid complies with the specifications requested. A 'NO' answer will render the bid technically not compliant.</b>
10	The two interactive display units supplied shall be of the same manufacturing brand and model or equivalent.	YES/NO
11	Screen size shall be between 50'' - 55'' (inches) diagonally and fully embedded in the housing structure of the unit.	YES/NO
12	The interactive screen shall be tilted at an angle between 25-35 degrees.	YES/NO
14	The screen to be used must be of high quality and meet the following minimum requirements:  14.1 The screen panel should be anti-reflective (anti-glare) and should consist of splash-proof protection glass; 14.2 Screen panel type should be at least 60Hz LED; 14.3 Minimum 20 touch-points per screen with palm rejection; 14.4 Less than 8ms (milliseconds) response time; 14.5 4K UHD or better resolution; 14.6 I/O Connectivity  14.6.1 At least two (2) USB Ports 2.0 or better	YES/NO

	14.6.2 Two (2) HDMI Ports 14.6.3 Ethernet Port (LAN) or equivalent 14.6.4 Digital Audio Input/Output or equivalent  14.7 Accessories  14.7.1 Power Cord 14.7.2 IR Remote Control (with replaceable batteries) or equivalent 14.7.3 Necessary cabling	
21	The interactive display unit must be commercial/industrial grade with a minimum operational time of 8 hours a day for a 7-day week.	<b>YES/NO</b>
<b>3. External Camera</b>		
	<b><u>Bidders please include details below or provide relevant details in the Literature List (a-c):</u></b>	
a	Brand (if applicable):	
b	Model (if applicable):	
c	Recording resolution (Capable of 4K recording or equivalent):	
<b>Reference as per Section 4 - Specifications</b>	<b><u>Specifications</u> - Reference is to be made to Section 4 of the tender document - Specifications – Lot 1: 18, 19</b>	<b>Bidders should indicate a 'YES' if their bid complies with the specifications requested. A 'NO' answer will render the bid technically not compliant</b>
18	The external camera to be used must be of high quality and meet the following minimum requirements: 18.1 Compatible with computing machine's OS 18.2 Capable of 4K recording or equivalent 18.3 Built-in mic (stereo, dual omnidirectional or equivalent) 18.4 Digital zoom capability or equivalent 18.5 Infrared sensor technology or equivalent for viewing in dark lighting conditions	<b>YES/NO</b>

19	The camera must be equipped with detachable universal mounting clips or equivalent.	YES/NO
<b>4. Computing Machine</b>		
	<b>Bidders please include details below or provide relevant details in the Literature List (a-b):</b>	
a	Brand (if applicable):	
b	Model (if applicable):	
<b>Reference as per Section 4 - Specifications</b>	<b>Specifications - Reference is to be made to Section 4 of the tender document - Specifications – Lot 1: 15</b>	<b>Bidders should indicate a 'YES' if their bid complies with the specifications requested. A 'NO' answer will render the bid technically not compliant</b>
15	<p>The computing machine to be used must be of high quality and meet the following minimum requirements:</p> <p>15.1 Intel i7 Processor (or equivalent) 8th Generation (or equivalent) or better;</p> <p>15.2 Windows 10 Pro 64-bit OS (or equivalent) installed on SSD (or equivalent);</p> <p>15.3 8GB or higher expandable memory up to 16GB having x2 DIMM Slots;</p> <p>15.4 Graphics card with minimum 8GB RAM;</p> <p>15.5 Minimum 500GB SSD Storage or equivalent;</p> <p>15.6 Ethernet and WIFI connection;</p> <p>15.7 I/O Ports</p> <p>15.7.1 Minimum 2x USB 3.0</p> <p>15.7.2 Minimum 2x USB 2.0</p> <p>15.7.3 Audio input/output</p> <p>15.7.4 Minimum 2x HDMI ports</p> <p>15.7.5 Minimum IPV6 Compliant LAN or equivalent</p>	YES/NO

	15.8 A compatible motherboard and power supply as recommended by the contractor.	
<b>5. UPS</b>		
	<b><u>Bidders please include details below or provide relevant details in the Literature List (a-b):</u></b>	
a	Brand (if applicable):	
b	Model (if applicable):	
<b>Reference as per Section 4 - Specifications</b>	<b><u>Specifications</u> - Reference is to be made to Section 4 of the tender document - Specifications – Lot 1: 16</b>	<b>Bidders should indicate a 'YES' if their bid complies with the specifications requested. A 'NO' answer will render the bid technically not compliant</b>
16	The computing machine within the interactive display unit must be backed up by an adequate UPS machine.	<b>YES/NO</b>
<b>6. Stereo Speakers</b>		
	<b><u>Bidders please include details below or provide relevant details in the Literature List (a-b):</u></b>	
a	Brand (if applicable):	
b	Model (if applicable):	
<b>Reference as per Section 4 - Specifications</b>	<b><u>Specifications</u> - Reference is to be made to Section 4 of the tender document - Specifications – Lot 1: 17</b>	<b>Bidders should indicate a 'YES' if their bid complies with the specifications requested. A 'NO' answer will render the bid technically not compliant</b>
17	The display unit must have built-in stereo speakers of high quality and meet the following minimum requirements:  17.1. Left and Right units; 17.2. 2"-5" woofer - 0.5"-2" tweeter in each unit; 17.3. Connected and compatible with the computing machine being procured.	<b>YES/NO</b>

<b>7. Overall Tender Specifications</b>		
		<b>Bidders should indicate a 'YES' if their bid complies with the specifications requested. A 'NO' answer will render the bid technically not compliant</b>
	<p>The Bidder is confirming that they shall supply, delivery, install, and commission two (2) interactive display units at the St. Jerome's Room in the Caravaggio Wing at St John's Co-Cathedral.</p> <p>The contractor shall ensure that the interactive displays and their components are installed, tested and fully operational.</p> <p>Bids should include the cost for any cabling required and installation costs.</p> <p>The bid being submitted, and all equipment to be supplied, delivered, installed and commissioned shall be in accordance with all the Specifications requested through this tender.</p>	<b>YES/NO</b>

Signature:.....  
(The person or persons authorised to sign on behalf of the tenderer)

Date: .....