



**Clarification Log – last updated 13 March 2025**

<b>Q No</b>	<b>QUESTION</b>	<b>ANSWER</b>	<b>STATUS</b>
<b>GENERAL CLARIFICATIONS</b>			
1.	What resolution do they require each screen to be?	While the screen resolution is still being defined by the artist, we would expect this to be 1080p as a minimum, so please price on this basis for now.	Answered 13/03
2.	It states the system needs to be able to control DMX lighting and audio but none of this is on the tender – What is the audio set up (how many channels) and what are the lights (how many channels)?	The specifics of the DMX lighting and associated controls is still being defined by the artist, the vendor is expected to consult and develop in collaboration with the artist. The control system will incorporate and trigger the various elements (sound, light and video). As there are 4 screens / projections per circle, vendors to assume min of 2 channel audio and 6No lighting. Reference response issued on Q9.	Answered 13/03

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3.	Where and how will we be able to run power and data cable runs in the space?	<p>Cable runs should be planned for around the ceiling as we expect the projectors to be mounted from the ceiling.</p> <p>Power outlets – Check fig. 1. 6x 3 pin commando sockets at the top of the walls (marked as blue circles). 14x double standard sockets at the top of the walls (marked as red rectangles). standard UK power outlets. 6x quad standard sockets in the floor (marked as red circles).</p>	Response Issued 05.03.25
4.	The structure supporting the screens, would we need to incorporate holding the projectors up on the same system?	<p>The projectors should be mounted from the ceiling, the intent is for the viewer to have an uninterrupted 360-degree view of the screens.</p> <p>There are concrete beams at height to bottom 5330mm. These are width 300mm x height 1200mm. The beams can be fixed to.</p> <p><i>Total size of Gallery 6: L2943 x W1642 x H533 cm</i></p>	Response Issued 05.03.25
5.	What is the total height of the top of the screens?	4000mm	Response Issued 05.03.25

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6.	What are the total screen dimensions?	Each wall/projection screen: circular dims are: Radius 6400mm, Arc 7320mm, Central angle 65.5*, Chord 6930mm. This may become smaller as discussions with curators and access develop.	Response Issued 05.03.25
7.	Where would the control position be? (where in the space or would control be ran out of another space)	We imagine control would run from within the space and be stored somewhere around the ceiling projector rigging.	Response Issued 05.03.25
8.	What are the screen surfaces being used?	We are expecting plasterboard walls painted in matt white paint.	Response Issued 05.03.25
9.	'with each group of 4 projectors synchronised with sound and DMX lights via a sequenced playback system.  Can you provide more detail about the artists' requirements on the sound and lighting elements of the exhibition as there's nothing listed in the tender document?	The sound will be a single audio track for each circle, focused in the circles.  There will be a "focus" projection and 3 "ambient" projections out of each of the 4x walls in each space. This "focus" will change and the sound should be focused on the focus wall/projection in each space.	Response Issued 05.03.25
10.	What is the resolution of the content to be projected? The spec of the projectors and media players will be highly dependent on whether the content is 4K, Full HD etc.	For the purpose of the tender, we expect the media to be 1080 (Full HD) as minimum. To cost for this as a baseline.	Answered 13/03
11.	Is there a current estimate of the number of DMX controlled lights and audio channels?	Est. 6 around the outside of the circles. 2 audio channels	Response Issued 05.03.25
12.	- You state "We imagine control would run from within the space and be stored somewhere around the ceiling projector rigging."  Q. Depending on the responses for video resolution/no. audio channels etc the control equipment may be too large to be flown. What is the alternative if this ends up being the case?	We would expect the control to be within the footprint of the gallery, most likely to be held either in the ceiling or an adjacent space. This would be agreed in consultation with the vendor and the technical team.	Answered 13/03

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13.	<p>- You have responded that - "The sound will be a single audio track for each circle, focused in the circles. There will be a "focus" projection and 3 "ambient" projections out of each of the 4x walls in each space. This "focus" will change and the sound should be focused on the focus wall/projection in each space.</p> <p>Q. To achieve this will require a minimum of 8 audio channels or programming automation that can move/pan the artwork source sound across a minimum of 8 installed speaker channels. Please can you clarify further how this will be achieved or state that you don't know at this stage so we can cost accordingly.</p>	We currently don't know how this will be achieved. We expect the artist to define and develop the exact functionality in discussion with the successful tender.	Answered 13/03
14.	Q. When you qualify the number of lights please can you specify a make/model or type and total number of DMX channels	In reference to Q.9 there are 6no. Lights in the gallery. The make and model are TBC. The Vendor can make a proposal, and this can be further confirmed with the artist on appointment.	Answered 13/03
15.	<p><b>Projectors</b></p> <p>- what is the minimum required brightness level?</p>	8-9K lumens min	Answered 13/03
16.	<p><b>Projectors</b></p> <p>- what is the minimum and maximum available throw distance?</p>	Maximum throw 1280 (diameter of the circular element). There is no minimum throw distance.	Answered 13/03
17.	<p><b>Screens</b></p> <p>Are the screen provision also a subject of the tender?</p>	No, the screens will be installed prior to AV installation by Tate's technical team.	Answered 13/03

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18.	<b>Playback</b> - what is the codec, bitrate value and the resolution of the video files?	Expected FullHD ProRes, not sure about the bitrate nor if the artist allows any transcoding into different codecs/containers. This will need to be discussed depending on the final decisions around the control/playback system	Answered 13/03
19.	<b>Playback</b> - please specify the DMX triggers and how they should interact with the lights and sound?	This is currently in development by the artist, and the vendor would work in consultation to develop this component.	Answered 13/03
20.	<b>Playback</b> - who should provide the DMX controllers for the lights?	The tender supplier.	Answered 13/03
21.	<b>Playback</b> - are both screen circles synchronized to each other?	At present, we consider that each circle is its own distinct element however this may change to be synchronised upon discussion with the artist.	Answered 13/03
22.	<b>Sound and Lights:</b> - is the provision of lights and the sound equipment subject of this tender or those elements will be incorporated from the TATE deposit?	The provision of light and sound equipment is part of this tender. Tate may review this and incorporate aspect from Tate's deposit, but this would be done as part of a later review, post tender and in consultation with the vendor.	Answered 13/03
23.	<b>Sound and Lights:</b> - what should be the technical specification of the speakers and lights?	The technical specification of the speaker and lights is still in development. We would ask the vendor to make an allocation for speakers and lights, referencing Q.14	Answered 13/03
24.	<b>Sound and Lights:</b> - could you please provide the scheme with marked positions of the lights?	As per Q23 the light position is currently unknown and will be developed with the artist.	Answered 13/03
25.	<b>Rigging</b> - please provide the information about the location of mounting points. If possible send us plan with dimensions and marked positions of the ceiling beams.	Fig 2, Fig 3, Fig 4, Fig 5 There are 17 beams across the space. The beams are concrete and can be drilled into. H1200xW300mm Each beam is 1370mm from the next.	Answered 13/03

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26.	<b>Rigging</b> - What is the loading capacity of ceiling beams?	Well in excess of 1 tonne	Answered 13/03
27.	<b>Rigging</b> - is it possible to drill directly in the ceiling to install mounting hardware like projector mounts, or all equipment needs to be installed under the trusses?	Yes, this would be the best way to suspend the rigging.	Answered 13/03
28.	<b>Financial Stability test</b> - What documents should be provided exactly?	Documents are to be provided that evidence you meet the threshold hold for the Liquidity(Acid Test). Please provide your last 2 years accounts so that Tate can independently verify this.	Answered 13/03
29.	Is there a requirement to supply lighting and audio equipment, if so please detail the requirement.	Please reference Q.22 and Q.23, Noting audio is more essential than lighting. In each circle there will be a "focus" projection and 3 "ambient" projections. As the "focus" changes the sound should be focused on that projection wall.	Answered 13/03
30.	If audio is required, what is the intended playback format i.e. is this an immersive/multichannel speaker system or a single channel playback through a distributed speaker system?	The playback system is an immersive/multichannel audio experience in the space where the focus of the main audio changes depending on the triggered video and lights.	Answered 13/03
31.	Is the winning supplier responsible for creating the playback media, either video and audio, or both?	The artist will be providing all media files. Please make an allowance to edit and encode the media for playback across both video and audio.	Answered 13/03
32.	Is the intention for each screen will show a different video i.e. eight separate videos or does each zone have a single video i.e. 1 video split across four surfaces in each space.	Each screen will show a different projection.	Answered 13/03
33.	What is the intended runtime/show hours for each day?	7 hours	Answered 13/03

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34.	Is the winning supplier responsible for printing the support manual or solely producing the digital file. And what format does this need to be?	The supporting manual can be digital and can be a basic word document.	Answered 13/03
35.	Please can you provide a rigging plot or details of the available rigging structures in the space. Weight limitations and positions.	Fig 2, Fig 3, Fig 4, Fig 5 There are 17 beams across the space. The beams are concrete and can be drilled into. H1200xW300mm Each beam is 1370mm from the next. The weight loading of each beam is in excess of a tonne. I can confirm with building team.	Answered 13/03
36.	Please clarify the specification and location of any available power.	Please refer to Fig 1. below: <ul style="list-style-type: none"> <li>• Red rectangles are dual 240V sockets at the top of gallery walls, height 533cm</li> <li>• Blue circles are commando sockets at the top of gallery wall, height 533cm</li> <li>• Red circles are sets of 4x sunken floor sockets.</li> </ul>	Answered 13/03

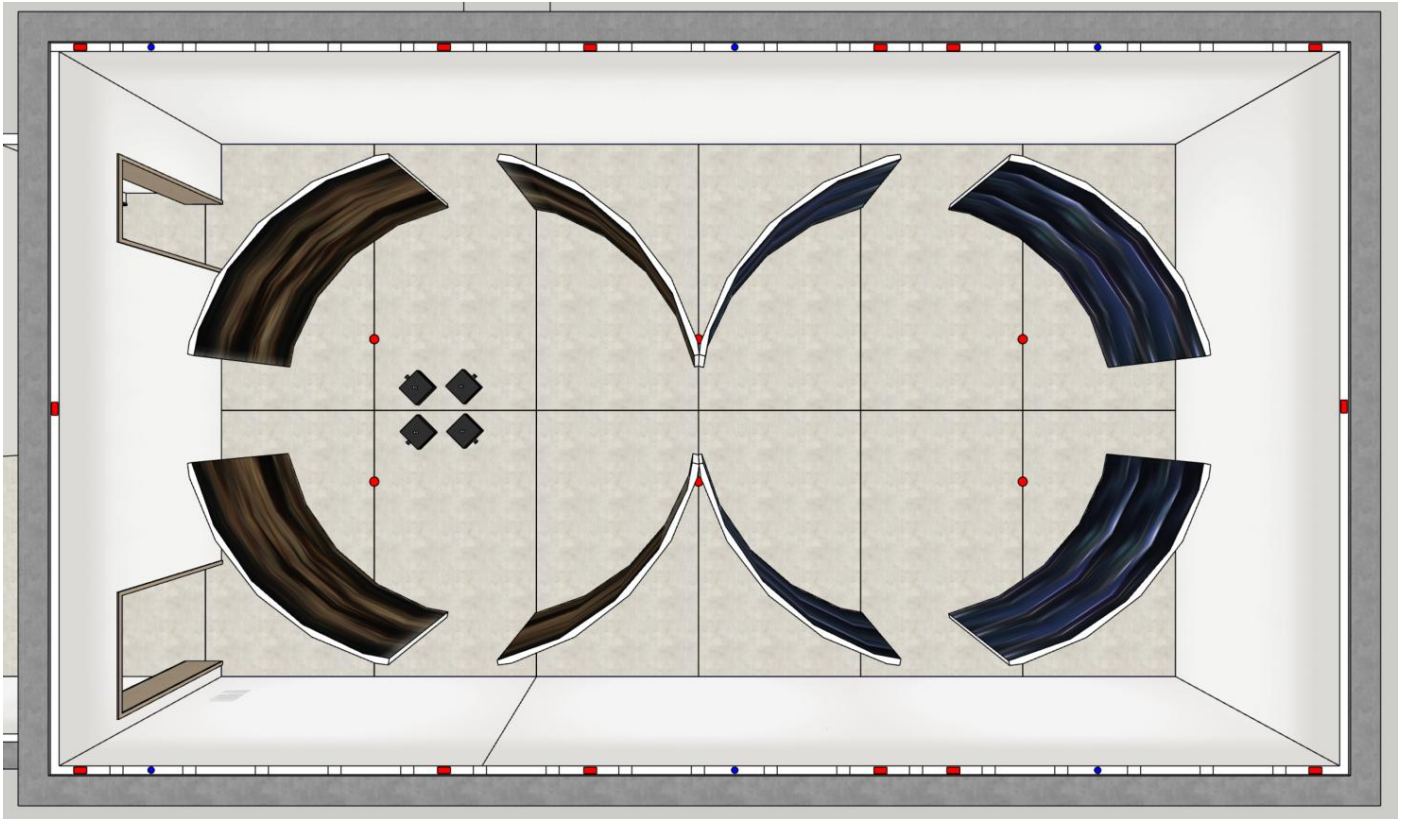


Fig 1.



Fig 2.



Fig 3.



Fig 4.



Fig 5.