



Invitation to Quote

Questions

Invitation to Quote (ITQ) on behalf of **STFC**

Subject UK SBS **Immersive Screen Move or Replacement**

Sourcing reference number **UK SBS PR17020**

UK Shared Business Services Ltd (UK SBS)

www.uksbs.co.uk

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VAT registration GB618 3673 25
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UKSBS
Shared Business Services

Section 6 – Evaluation questionnaire

Bidders should note that the evaluation questionnaire is located within the **e-sourcing questionnaire**.

Guidance on completion of the questionnaire is available at
<http://www.ukpbs.co.uk/services/procure/Pages/supplier.aspx>

PLEASE NOTE THE QUESTIONS ARE NOT NUMBERED SEQUENTIALLY

COMMERCIAL QUESTIONNAIRE

SEL1.1	Please state the full legal name and address and contact details of the organisation tendering (or organisation acting as lead contact where a consortium bid is being submitted).																								
Bidder guidance	The information should be based on the details of the organisation bidding (or organisation acting as lead contact where a consortium bid is being submitted). This is the legal entity with whom we will Contract if successful.																								
Scoring criteria	For information only																								
Bidder response	<table border="1"> <tr> <td colspan="2">Table</td></tr> <tr> <td>Bidders full legal name</td><td></td></tr> <tr> <td>Address line 1</td><td></td></tr> <tr> <td>Address line 2</td><td></td></tr> <tr> <td>Address line 3</td><td></td></tr> <tr> <td>Address line 4</td><td></td></tr> <tr> <td>Town / City</td><td></td></tr> <tr> <td>Country</td><td></td></tr> <tr> <td>Post code (or equivalent)</td><td></td></tr> <tr> <td>Bidder contact</td><td></td></tr> <tr> <td>Telephone No.</td><td></td></tr> <tr> <td>Email</td><td></td></tr> </table>	Table		Bidders full legal name		Address line 1		Address line 2		Address line 3		Address line 4		Town / City		Country		Post code (or equivalent)		Bidder contact		Telephone No.		Email	
Table																									
Bidders full legal name																									
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Address line 2																									
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Email																									

SEL1.2	<p>In the last three years, has any finding of unlawful discrimination been made against your organisation by an Employment Tribunal, an Employment Appeal Tribunal or any other court (or in comparable proceedings in any jurisdiction other than the UK)? And/or;</p> <p>In the last three years, has your organisation had a complaint upheld following an investigation by the Equality and Human Rights Commission or its predecessors (or a comparable body in any jurisdiction other than the UK), on grounds of alleged unlawful discrimination?</p>
Bidder guidance	<p>The Bidder shall answer Yes or No</p> <p>Yes – Fail</p> <p>No – Pass</p> <p>*If you have answered “yes” please provide, as an attachment to this question, a summary of the nature of the investigation and an explanation of the outcome of the investigation to date.</p> <p>If the investigation upheld the complaint against your organisation, please use the attachment to explain what action (if any) you have taken to prevent unlawful discrimination from reoccurring.</p> <p>You may be excluded if you are unable to demonstrate to the Contracting Authority’s satisfaction that appropriate remedial action has been taken to prevent similar unlawful discrimination reoccurring.</p>
Scoring Criteria	Mandatory Pass / Fail
Bidder response	Yes / No

SEL3.11	If you are Commercial organisation with a minimum financial turnover of £36M, please confirm that you are compliant with Section 54 of the Modern Slavery Act 2015.
Bidder guidance	<p>The Bidder shall choose from the following options;</p> <p>A. N/A – our turnover is less than £36M</p> <p>B. Yes – information attached</p> <p>C. No (with justification) – we are not compliant but will be prior to commencement of a contract</p> <p>D. No – we are not and will not be compliant at the time of award of the contract</p>
Scoring Criteria	Mandatory Pass/ Fail
Bidder response	Selection

SEL4.4	Please self-certify whether you already have, or can commit to obtain, prior to the commencement of the contract, the levels of insurance cover indicated below:
Bidder guidance	<p>Bidder to confirm that they have:</p> <p>Employer's (Compulsory) Liability Insurance = £5 million</p> <p>Public Liability Insurance = £1 million</p> <p>Product Liability Insurance = £1 million</p> <p>Bidder Guidance - It is a legal requirement that all companies hold Employer's (Compulsory) Liability Insurance of £5 million as a minimum. Please note this requirement is not applicable to Sole Traders.</p> <p>The Bidder shall answer yes or no</p> <p>Yes= Pass</p> <p>No= Fail</p>
Scoring Criteria	Mandatory Pass/ Fail
Bidder response	Selection

FOI1.1	FREEDOM OF INFORMATION ACT 2000 (FOI) AND / OR ENVIRONMENTAL INFORMATION REGULATIONS 2004 (EIR) Information provided in the course of the procurement process may be disclosed under Freedom of Information Act 2000 or Environmental Information Regulations 2004 if requested under an FOI request or EIR request. Please note that some of the information provided may be protected under the FOI Act exemptions and EIR Exceptions. More information on applying the exemptions or exceptions can be found under the Information Commissioners Office (ICO) website http://ico.org.uk Please confirm you have been informed that information provided under this Bid may be disclosed under the FOI Act 2000 and Environmental Information Regulations 2004 and agree to it being published irrespective of submitting a successful or unsuccessful Bid.	
Bidder guidance	The Bidder shall answer Yes or No Yes – Pass No – Fail	
Scoring criteria	Mandatory Pass / Fail	
Bidder response	Yes / No	

FOI1.2	FREEDOM OF INFORMATION ACT 2000 (FOI) AND / OR ENVIRONMENTAL INFORMATION REGULATIONS 2004 (EIR) EXEMPTIONS Please complete this section <u>only</u> if you have agreed for your information to be disclosed under the FOI Act or EIR in Question FOI1.1. If you have not agreed to your information to be disclosed under the FOI Act or EIR in Question FOI1.1 please complete a field 'N/A' (Not applicable) If you have agreed for your information to be disclosed under the FOI Act or EIR in Question FOI1.1 please tell us what exemptions or exceptions may apply to your information and why? If you are not relying on any exemptions or exceptions please complete each field 'N/A' (Not applicable)	
Bidder guidance	The Bidder shall provide details of their proposed exemptions/exception in the table below. The Bidder (irrespective of submitting a successful or unsuccessful Bid) shall note that if the Contracting Authority believes that the suggested Exemptions or Exceptions have not been applied properly as per the Act or Regulation, the Contracting Authority will disclose the requested information unless another exemption or exception can be applied by the Contracting Authority. Be aware that by completing FOI1.1 and answering 'Yes' you have agreed for UK SBS to disclose the provided information under the Freedom of Information Act 2000 or Environmental Information Regulation 2004, therefore you will not be approached for consent.	
Scoring criteria	For information only	
Bidder	Confidential Information	Justification for exemption/exception

response		under FOI Act
	Commercially sensitive information	Justification for exemption/exception under FOI Act


AW1.1	<p>FORM OF BID</p> <p>I declare that to the best of my knowledge the answers submitted in this ITQ are correct. I understand that the information will be used in the process to assess my organisation's suitability to be invited to bid for the Contracting Authority's requirement and I am signing on behalf of my organisation. I understand that the Contracting Authority may reject this ITQ if there is a failure to answer all relevant questions fully or if I provide false/misleading information.</p> <p>I understand that the Government's transparency agenda requires that sourcing documents, including ITQ templates such as this, are published on a designated, publicly searchable web site, and, that the same applies to other sourcing documents issued by the Contracting Authority, including the ITQ, and any contract entered into by the Contracting Authority or its customers with its preferred supplier once the procurement is complete.</p> <p>By submitting a response to this ITQ I agree that our participation may be made public.</p> <p>I understand that the answers given in this response will not be published on the web site (but may fall to be disclosed under Freedom of Information Act 2000 or Environmental Information Regulations 2004).</p> <p>By submitting a response to this ITQ I agree and accept the justification for the Contracting Authority's evaluation criteria.</p> <p>By submitting a response to this ITQ I agreed and accept that the Contracting Authority reserves the right to change without notice the procedure for awarding the Contract, to reject any or all bids for the Contract, to stop the process and not award the Contract (in whole or in part) at any time without any liability on its part.</p> <p>By submitting a response to this ITQ I agree and accept that nothing in this process is intended to form any express or implied contractual relationship between the Parties unless and until a Contract is awarded. The Contracting Authority is not liable for any costs resulting from cancellation of this process nor any costs incurred by Bidders taking part in this procurement process.</p> <p>I understand that where sourcing documents issued by the Contracting Authority or contracts with its suppliers fall to be disclosed the Contracting Authority will redact them as it thinks necessary, having regard (inter alia) to the exemptions/exceptions in the FOIA or EIR.</p>
Bidder guidance	<p>The Bidder shall answer Yes or No</p> <p>Yes – Pass</p> <p>No – Fail</p>
Scoring	Mandatory Pass / Fail

criteria	
Bidder response	Yes / No

AW1.3	<p>CERTIFICATE OF BONA FIDE BID</p> <p>The essence of procurement is that the customer shall receive bona fide competitive Bids, from all those Bidding. In recognition of this principle, we certify that this is a bona fide bid, intended to be competitive and that we have not fixed or adjusted the amount of bid by or under or in accordance with any agreement with any other person.</p> <p>We also certify that we have not done and we undertake that we will not do at any time before the hour and date specified for the return of this bid any of the following:</p> <ul style="list-style-type: none"> (a) Communicate to a person other than the person calling for these bids the amount or approximate amount of the proposed bid, except where the disclosure, in confidence, of the approximate amount of the bid was necessary to obtain insurance premium quotations for the preparation of the bid; (b) Enter into any agreement or arrangement with any other person that he shall refrain from bidding or as to the amount of any bid to be submitted; (c) Offer to pay or agree to pay or give any sum of money or valuable consideration directly or indirectly to any person for doing or having done or causing or have caused to be done in relation to any other bid or proposed bid for the said supply / service any act or thing of the sort described above. <p>In this certificate, the word "person" includes any persons and any body or association, corporate or unincorporated, and any "agreement or arrangement" includes any such transaction, formal or informal, and whether legally binding or not. We acknowledge that the Contracting Authority will be entitled to cancel the contract and to recover from us the amount of any loss resulting from such cancellation if we or our representatives (whether with our without our knowledge) shall have practiced collusion in Bidding for this contract or any other contract with the Contracting Authority or shall employ any corrupt or illegal practices either in the obtaining or execution of this contract or any other contract with the Contracting Authority. We agree that the Contracting Authority may disclose the Bidders information/documentation (submitted to the Contracting Authority during this Procurement) more widely within Government for the purpose of ensuring effective cross-Government procurement processes, including value for money and related purposes.</p>
Bidder guidance	<p>The Bidder shall answer Yes or No</p> <p>Yes – Pass</p> <p>No – Fail</p>
Scoring criteria	Mandatory Pass / Fail
Bidder response	Yes / No


AW3.1	<p>In the event of a Bidder successfully providing the most advantageous offer to the Contracting Authority against a procurement requirement, the Bidder is expected to provide an answer to the attached questions as a validation check prior to the award of any Contract.</p> <p>If the Bidder fails to meet the Contracting Authority's expectations we reserve the right to not award the Contract to the relevant Bidder and either award to the Bidder with the second most advantageous response or run a new procurement.</p>
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Bidder guidance	The Bidder is not required to complete the validation check at this stage but will be required to respond to the questions in the event of providing the most advantageous offer to the Contracting Authority's against a procurement requirement. Yes – Pass No – Fail
Scoring criteria	Mandatory Pass / Fail
Bidder response	Yes I have understood that I need to complete the validation check in the event of providing the most advantageous offer to the Contracting Authority against a procurement requirement.


AW4.1	Please confirm your acceptance of the attached Contract Terms.  PR17020 GS2 - Goods and Services p
Bidder guidance	The Bidder shall answer Yes, No with justification or No Yes – Pass No with justification – Pass. See question AW4.2 for details of what amounts to a valid justification. No – Fail
Scoring criteria	Mandatory Pass / Fail
Bidder response	Drop down menu - Yes, No with justification, No

AW4.2	Where a Bidder has answered question AW4.1 with 'no with justification' they must detail the justification and the proposed change to the clause.
Bidder guidance	<p>A justification for not accepting a specific clause or series of clauses from the attached Contract Terms is that the Bidder would be in breach of legal requirements or statutory regulations by complying with that clause or series of clauses (i.e. for the avoidance of doubt, being unable to comply with a clause or series of clauses because of an internal policy reason will not be considered to be a justification for a legal requirement or statutory regulation).</p> <p>Where the Bidder has answered question AW4.1 as "no with justification", the Bidder shall provide a Contract mark-up utilising track changes detailing the relevant clause, the proposed changes to the clause and the justification for the changes. In this case, the Bidder shall score a pass if (but only if) the Contracting Authority considers both the following requirements are satisfied:</p> <ul style="list-style-type: none"> the reasons stated as justifying the Bidder's statement that it cannot accept the Contract Terms due to legal requirements or statutory regulations are valid; and the changes submitted do not create significant risk for the Contracting Authority and are reasonably necessary and proportionate to ensure the Bidder complies with the legal requirements and statutory regulations. <p>Where a Bidder has answered Question AW4.1 with 'Yes' or 'No' it must</p>

	answer 'not applicable' to achieve a Pass to question AW4.2 (noting that an answer of 'No' to question AW4.1 has already resulted in a fail). In the event of a Bidder answering Yes or No to Question AW4.1 and then providing a proposed mark up, rejection of a clause or a justification for a change then the response will be a Fail.
Scoring criteria	Mandatory Pass / Fail
Bidder response	Drop down menu 'N/A' 'I have answered AW4.1 'No with justification' and attach modifications / requested / justification'.


AW4.3	Please confirm your acceptance of the attached Acceptance Criteria.  PR17020_ AW4.3_Acceptance C
Bidder guidance	The Bidder shall answer Yes or No Yes – Pass No – Fail
Scoring criteria	Mandatory Pass / Fail
Bidder response	Drop down menu - Yes, No

PRICE QUESTIONNAIRE

AW5.2	<p>Bidders are required to complete the Excel Pricing Schedule attached in the Bidder Response section.</p> <p>All prices shall be inclusive of VAT.</p> <p>All costs appearing elsewhere in the Bid but not mentioned in this Pricing Schedule shall be presumed waived.</p>																								
Bidder guidance	<p>Bidders shall confirm they have completed the Pricing Schedule. The scoring methodology for this question shall be: The lowest price for a response which meets the pass criteria shall score 100.</p> <p>All other bids shall be scored on a pro rata basis in relation to the lowest price. The score is then subject to a multiplier to reflect the percentage value of the price criterion.</p> <p>Where the scoring criterion is worth 50% then the 0-100 score achieved will be multiplied by 50</p> <p>In the example if a supplier scores 80 from the available 100 points this will equate to 40% by using the following calculation: Score/Total Points multiplied by 50 (80/100 x 50 = 40)</p> <p>The lowest score possible is 0 even if the price submitted is more than 100% greater than the lowest price.</p> <p>The lowest price for a response which meets the pass criteria shall score 100. All other bids shall be scored on a pro rata basis in relation to the lowest price. The lowest score possible is 0.</p> <p>For example, assuming the lowest bid is £100,000.</p> <table><tr><th>Bid Price</th><th>Differential to the lowest price which meets the mandatory pass criteria</th><th>Score</th></tr><tr><td>£100,000</td><td>0</td><td>100</td></tr><tr><td>£120,000</td><td>20%</td><td>80</td></tr><tr><td>£140,000</td><td>40%</td><td>60</td></tr><tr><td>£150,000</td><td>50%</td><td>50</td></tr><tr><td>£175,000</td><td>75%</td><td>25</td></tr><tr><td>£200,000</td><td>100%</td><td>0</td></tr><tr><td>£300,000</td><td>200%</td><td>0</td></tr></table> <div><p>UK SBS PR17020_AW5.2 Pric</p></div>	Bid Price	Differential to the lowest price which meets the mandatory pass criteria	Score	£100,000	0	100	£120,000	20%	80	£140,000	40%	60	£150,000	50%	50	£175,000	75%	25	£200,000	100%	0	£300,000	200%	0
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£200,000	100%	0																							
£300,000	200%	0																							
Scoring criteria	Maximum Marks 30%																								
Bidder	Yes																								


response	
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AW5.3	<p>Replacement screen costs: Where a bidder has chosen the ‘move screen’ option for AW5.2 they MUST complete the Replacement Screen Costs Pricing Schedule (AW5.3 Replacement Screen) attached in the Bidder Guidance section and they must also provide the specification of the replacement curved display screen which shows that any replacement will be equal to or superior to the specification of the current screen (PR17020_ITQ Invitation to Quote – Appendix A).</p> <p>All prices shall be inclusive of VAT.</p>
Bidder guidance	<p>Where a bidder has chosen to move the existing curved display screen, they must complete this question and provide a cost for a replacement screen which will only be purchased in the event that moving the existing screen is unsuccessful.</p> <p>The cost of this must keep a bidders entire proposal within the budget range of £75k - £150k inc VAT.</p> <p>The cost for a replacement screen must not exceed 1/3 of the maximum overall budget of £150k inc VAT.</p> <p>Bidders shall confirm they have completed AW5.3 Replacement Screen.</p> <p>Where a bidder has chosen to provide a new screen as part of AW5.2 Pricing Schedule, they can add £0 as the cost of the replacement screen – they will score full marks for this question.</p> <p>All other bidders that provide a price will be scored using the described methodology below, where the lowest price will score full marks and others will be scored accordingly.</p> <p>The scoring methodology for this question shall be: The lowest price for a response which meets the pass criteria shall score 100.</p> <p>All other bids shall be scored on a pro rata basis in relation to the lowest price. The score is then subject to a multiplier to reflect the percentage value of the price criterion.</p> <p>Where the scoring criterion is worth 50% then the 0-100 score achieved will be multiplied by 50</p> <p>In the example if a supplier scores 80 from the available 100 points this will equate to 40% by using the following calculation: $\text{Score/Total Points multiplied by 50}$ ($80/100 \times 50 = 40$)</p> <p>The lowest score possible is 0 even if the price submitted is more than 100% greater than the lowest price.</p> <p>The lowest price for a response which meets the pass criteria shall score</p>

	<p>100. All other bids shall be scored on a pro rata basis in relation to the lowest price. The lowest score possible is 0.</p> <p>For example, assuming the lowest bid is £100,000.</p> <table><tr><th>Bid Price</th><th>Differential to the lowest price which meets the mandatory pass criteria</th><th>Score</th></tr><tr><td>£100,000</td><td>0</td><td>100</td></tr><tr><td>£120,000</td><td>20%</td><td>80</td></tr><tr><td>£140,000</td><td>40%</td><td>60</td></tr><tr><td>£150,000</td><td>50%</td><td>50</td></tr><tr><td>£175,000</td><td>75%</td><td>25</td></tr><tr><td>£200,000</td><td>100%</td><td>0</td></tr><tr><td>£300,000</td><td>200%</td><td>0</td></tr><tr><td></td><td></td><td></td></tr></table> <div><p>UK SBS PR17020_AW5.3 Req</p></div>	Bid Price	Differential to the lowest price which meets the mandatory pass criteria	Score	£100,000	0	100	£120,000	20%	80	£140,000	40%	60	£150,000	50%	50	£175,000	75%	25	£200,000	100%	0	£300,000	200%	0			
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Scoring criteria	Maximum Marks 5%																											
Bidder response	Yes																											

AW5.6	Please confirm if you are successfully awarded this contract your implementation team will work with the Contracting Authority to ensure that e-invoicing is established within 28 days of Contract award by the Contracting Authority.
Bidder guidance	The Bidder shall answer Yes or No Yes – Pass No – Fail
Scoring criteria	Mandatory Pass / Fail
Bidder response	Yes / No

QUALITY QUESTIONNAIRE

AW6.1	Please confirm your compliance to the mandatory requirements
Bidder guidance	<p>Bidder to confirm that they comply with the Mandatory requirements.</p> <p>Within the attached spreadsheet bidders must answer 'yes' or 'no' to each of the mandatory requirements and provide supporting documentation where it is required.</p> <p>Please note if any of the mandatory requirements are answered with a 'no' then the bidder will fail this question entirely. If a bidder has answered 'yes' and a supporting document is required then they must provide this, failing to provide the document will result in a fail for this question.</p> <p>One fail within this document is a fail of the mandatory section and your bid will not be taken further into the evaluation.</p> <div style="text-align: center;">  PR17020 Hartree-VC-immersive </div>
Scoring criteria	Yes = Pass No = Fail
Bidder response	Pass/Fail

AW6.2	<p>Installation of the Curved Wall display system.</p> <p>As per M17 within the mandatory requirements document, bidders must carry out a site survey in order to assess whether or not they wish to move the existing screen</p>
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	<p>or remove and replace this with a new screen. In any case, the current screen and projection system will be the responsibility of the successful bidder and where a new screen is being provided; the current screen must be removed and disposed of in accordance with the Waste Electronic and Electrical Equipment Regulations 2 Waste Electronic and Electrical Equipment Regulations 2013 by the successful bidder.</p> <p>Bidders are required to provide an Installation Methodology document detailing their plans for this project.</p>
Bidder guidance	<p>Bidders must make themselves fully aware of the options available to them for this move/replacement. These options are detailed within the ITQ Document – Section 4 - Summary of Key Elements.</p> <p>For this question, bidders must provide an attachment providing a detailed installation plan. This must include a full list of risks they perceive and how these risks will be mitigated.</p> <p>All elements of the bidder's proposal, which is detailed in this plan, must also be fully costed in the pricing schedule (AW5.2)</p>
Scoring criteria	<p>Bidders must fully detail their proposed method for installing the display system and include details on where current and/or new equipment will be used.</p> <p>Scoring for this question will be based on the level of residual risk to successful installation following mitigations. Risks which will need to be addressed within the bidder's response include but are not limited to:</p> <ul style="list-style-type: none"> • The move of the screen (if this is the chosen method) and how bidders will do this successfully. Details will need to be provided on how this will be achieved. • Being able to move the screen or provide a new screen and have this fully installed and working no later than 11 weeks following contract award. • Any other risks bidders perceive for this project. <p>We will be looking for details on how these risks will be mitigated and following assessment of the risks and mitigations, scoring will be as follows:</p> <p>High levels of risk where the project is likely to fail or not be delivered on time: 0 marks</p> <p>Extensive residual risk to the project: 20 marks</p> <p>Substantial residual risk back to the project: 40 marks</p> <p>Notable residual risk to the project and detailed mitigation plans provided: 60 marks</p> <p>Minor residual level of risk to the and detailed mitigation plans provided: 80 marks</p> <p>No residual risk to the project: 100 marks</p> <p>Maximum marks: 10%</p>
Bidder response	Text/attachment

AW6.3	Bidder to provide details of the training which will be provided for
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	<p>STFC staff to enable them to configure, customise, manage and operate the system must be provided.</p> <p>Please provide full details of your training programme, included within your price.</p> <p>Responses should include user training, including workshops, to optimise the use of the hardware and software and access to expertise within the supplier organisation to assist with application design, optimisation and porting.</p>
Bidder guidance	<p>Bidder to respond with an attachment detailing training.</p> <p>Training should be supplied to cover the following elements:</p> <ul style="list-style-type: none"> • User training - for up to 20 participants <ul style="list-style-type: none"> ○ System start up and shut down ○ Switching of sources between master node and cluster system ○ Virtual windowing system – input and channel management and control ○ Operation of repeat monitor and control station- for up to 20 participants • Power User training <ul style="list-style-type: none"> ○ Configuring applications to run on the display system – for up to 10 participants • Administrator Training - for up to 6 participants <ul style="list-style-type: none"> ○ System calibration ○ System maintenance and issue resolution procedures
Scoring criteria	<p>All elements within the Bidder Guidance must be covered within the response or Bidders will score 0 for this question.</p> <p>Providing that all of the elements within the Bidder Guidance have been covered, scoring will be based on the 0-100 methodology as set out in section 5 of the ITQ document within the “Award Evaluation Criteria”</p> <p>Maximum Marks:5%</p>
Bidder response	Free Text

AW6.4	<p>STFC believes that high quality maintenance arrangements are vital for the reliable operation of the Visualisation Facilities. Timely rectification of hardware and software problems is required. STFC wishes to obtain maintenance and support contracts that reflect this requirement.</p> <p>Bidders must provide full details of the Help Desk service they propose to provide as part of their solution.</p> <p>Bidders must provide full details of their proposed hardware and system maintenance and availability. The solution should be supplied with hardware and system support for 3 years. Please state and include quotes for all available options, e.g. Next Business Day, 4hour etc.</p>
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Bidder guidance	<p>Bidder to respond with an attachment detailing the Help Desk and Hardware Maintenance.</p> <p>The following minimum levels of support should be offered:</p> <ul style="list-style-type: none"> • Duration 36 months • Guaranteed response with 2 hours from request for support via telephone or email • Site callout within 1 working day, where deemed appropriate • Bi-annual preventive maintenance and refresher training visits • Bug fixes and software updates provided as they become available • Incidental site visits as appropriate • Critical spares should be held in the bidder's UK office • Lifecycle costs and expectancy should be stated for systems and subsystems
Scoring criteria	<p>All elements within the Bidder Guidance must be covered within the response or Bidders will score 0 for this question.</p> <p>Providing that all of the elements within the Bidder Guidance have been covered, scoring will be based on the 0-100 methodology as set out in section 5 of the ITQ document within the "Award Evaluation Criteria"</p> <p>Maximum Marks: 13%</p>
Bidder response	Free Text

AW6.5	Technology: Bidder to confirm the capability of the Calibration System for the main display
Bidder guidance	<p>Bidder to confirm if the calibration system used to align and set up this display system, both initially and subsequently, can handle the following set of adjustments automatically. These should include:</p> <ul style="list-style-type: none"> • Warping and Blending Geometry • Support for orthographic and perspective display • Colour • Contrast • Brightness <p>If the calibration system can handle all of these functions, answer Yes.</p> <p>If any of these are not supported, answer No and state which of these</p>

	functions are missing in an attachment.
Scoring criteria	<p>Yes = 100 marks No = 0 marks</p> <p>Maximum marks: 10%</p>
Bidder response	Yes, No with attachment

AW6.6	<p>As detailed in Mandatory Requirement number M18 (within question AW6.2) Bidders must provide a computer system with the following Mandatory Requirements: The computer graphics system on the primary input will include a minimum of 2 multicore processors, 256GB memory, 100GB/s Ethernet controller, 2Tb main hard disk drive, 4 x 1TB additional removable SSD disks, state-of-the-art high end graphics cards capable driving the Visualisation Wall at 120Hz stereo. The system would be capable of booting in multiple instances of Microsoft Windows and Linux on the different disks. Graphical output must match the projection system inputs.</p> <p>In addition to the Mandatory Requirement for the computer, Bidders must detail how they can exceed the specification of the computer system in relation to processing and graphics performance as well as memory capacity and storage. Any capabilities to enable high performance remote visualisation should also be described.</p> <p>The value of the computer system specified should be stated (this must also be accounted for within the price schedule – AW5.2).</p>
Bidder guidance	<p>Bidders must provide details of the computer system being provided and include details of:</p> <ul style="list-style-type: none"> • Processor speed • Graphics performance • Memory Capacity • Storage capacity and options • Remote visualisation capabilities
Scoring criteria	<p>All elements within the Bidder Guidance must be covered within the response or Bidders will score 0 for this question.</p> <p>Providing that all of the elements within the Bidder Guidance have been covered, scoring will be based on the 0-100 methodology as set out in section 5 of the ITQ document within the “Award Evaluation Criteria”</p> <p>Maximum Marks: 10%</p>
Bidder response	Text

AW6.7	Bidder to confirm that the repeat control station display is equivalent or close to the native resolution as a single image, which can be displayed on 1 or 2 adjacent monitors. A 1:1 matching of the resolution is preferred.
Bidder guidance	<p>Bidder to state the ratio of the repeat display'</p> <p>Close to' is defined as 95% of resolution of the horizontal dimension of the main display system, so as to preserve readability of text and clarity of the content for the operator.</p> <p>For example in the case of the currently installed system the horizontal resolution is 8025 pixels. 95% of this would be 7623 pixels.</p>
Scoring criteria	<p>1:1 resolution = 100 marks 95% resolution = 80 marks Between 100% and 95 % resolution it is marked proportionally. Below 95% resolution = 0 marks</p> <p>Example: The current display is used with a horizontal display resolution of 8025 pixels.</p> <p>Bidder A proposes using 2 adjacent UHD monitors to display the repeat image. These have a combined horizontal resolution of $2 \times 3840 = 7680$ pixels, which means that they can only display 95.7% of the curved display resolution. This would score $80 + ((95.7-95)/(100-95) \times 20) = 84.2$ marks</p> <p>Bidder B also is also proposing the existing display system but decides to use 2 DCI 4K monitors, at 4096x2160 resolution each, as repeat monitors. The combined horizontal resolution of these is 8192 pixels and these together have the capacity to display the repeat screen at full 1:1 resolution and thus scores 100 marks.</p> <p>Bidder C decides to use a single UHD monitor with the existing display system. The horizontal resolution of this display is $3840/8025 = 48\%$ of the native display and thus scores 0 marks</p> <p>Maximum marks: 2%</p>
Bidder response	Free text

AW6.8	Bidder to confirm if the resolution of one or more the display inputs is 4K or UHD in resolution
Bidder guidance	Bidder to respond Yes or No
Scoring	Yes = 100 marks

criteria	No = 0 marks Maximum marks: 2%
Bidder response	Yes, No

AW6.9	Bidder to confirm that one or more of the input sources of the virtual windowing system can be 3D stereo.
Bidder guidance	Bidder to answer Yes or No
Scoring criteria	Yes = One or more of the sources can be 3D stereo = 100 marks No = 0 marks Maximum marks: 2%
Bidder response	Yes, No

AW6.10	Bidder to provide the latency of the connectivity between video sources and display on the main screen. Latency between source output and rendering on the main display to be stated.
Bidder guidance	Bidder to provide the latency.
Scoring criteria	<p>The bidder with the lowest latency will score 100 marks The bidder with the highest latency will score 0 marks All other latencies will be scored in line with the highest score.</p> <p>For example if:</p> <ul style="list-style-type: none"> • Bidder A offers a system with latency of 50ms • Bidder B offers a system with latency of 85ms • Bidder C offers a system with 100ms <p>The bidders would score as follows:</p> <ul style="list-style-type: none"> • Bidder A will score 100 • Bidder B will score $(100-85)/(100-50) \times 100 = 30$ • Bidder C will score 0 <p>Maximum marks: 4%</p>
Bidder response	Free text

AW6.11	Bidder to confirm that sources can be freely resized and repositioned on the main wall display. State method of placement e.g. via main computer system, external device, control system.
Bidder guidance	<p>Bidder to respond Yes or No</p> <p>Where a bidder answers 'Yes' the must provide an attachment detailing the method of placement e.g. via main computer system, external device,</p>

	control system. If the attachment does not fully detail and support this then bidders will score 0 for this question.
Scoring criteria	Yes = 100 marks No = 0 marks Maximum marks: 2%
Bidder response	Yes, No

AW6.12	Bidder to confirm that the Software Decode client for the captured stream can also run on a Unix system.
Bidder guidance	Bidder to respond Yes or No
Scoring criteria	Yes = 100 marks No = 0 marks Maximum marks: 3%
Bidder response	Yes, No

AW6.13	Pre-definable templates: Bidder to confirm that sources can be selected and placed with pre-set templates under the management of an external control system. If so state whether templates can be created/managed by a system administrator.
Bidder guidance	Bidder to state whether pre-set capability exists and whether presets can be managed/edited by the user.
Scoring criteria	Yes and presets editable by user = 100 marks Yes but presets not editable by user = 50 marks No = 0 marks Maximum marks: 2%
Bidder response	Yes and editable/Yes not editable/No