



Invitation to Quote

Questions

**Invitation to Quote (ITQ) on behalf of The Science and Technology Facilities
Council (STFC)**

Subject: UK SBS MOONS Dichroics

Sourcing reference number: UK SBS PR17066

UK Shared Business Services Ltd (UK SBS)
www.uksbs.co.uk

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UKSBS
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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.uksbs.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"> <thead> <tr> <th colspan="2">Table</th> </tr> </thead> <tbody> <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> </tbody> </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																									
Address line 1																									
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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</p>																								

	unlawful discrimination from reoccurring. 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.
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	The Bidder shall choose from the following options; A. N/A – our turnover is less than £36M B. Yes – information attached C. No (with justification) – we are not compliant but will be prior to commencement of a contract D. No – we are not and will not be compliant at the time of award of the contract
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	<p>FREEDOM OF INFORMATION ACT 2000 (FOI) AND / OR ENVIRONMENTAL INFORMATION REGULATIONS 2004 (EIR) EXEMPTIONS</p> <p>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.</p> <p>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)</p> <p>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)</p>	
Bidder guidance	<p>The Bidder shall provide details of their proposed exemptions/exception in the table below.</p> <p>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.</p> <p>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.</p>	
Scoring criteria	For information only	
Bidder response	Confidential Information	Justification for exemption/exception 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>	
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	<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	The Bidder shall answer Yes or No Yes – Pass No – Fail
Scoring criteria	Mandatory Pass / Fail
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</p>
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	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.
Bidder guidance	The Bidder shall answer Yes or No Yes – Pass No – Fail
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> <div style="text-align: center;">  <p>PR17066 Dichroics AW3.1 ITQ Validation</p> </div>
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 ‘PR17066 Contract Terms and conditions’.
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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 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).</p> <p>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.</p>
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’.

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 in Euros (€) and exclusive 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 border="1" data-bbox="411 1335 1391 1675"> <thead> <tr> <th>Bid Price</th> <th>Differential to the lowest price which meets the mandatory pass criteria</th> <th>Score</th> </tr> </thead> <tbody> <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> </tbody> </table>	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
Bid Price	Differential to the lowest price which meets the mandatory pass criteria	Score																							
€100,000	0	100																							
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€150,000	50%	50																							
€175,000	75%	25																							
€200,000	100%	0																							
€300,000	200%	0																							
Scoring criteria	Maximum Marks: 50%																								
Bidder response	Yes																								
AW5.5	<p>The Contracting Authority is committed to delivering payments to suppliers within the timescales stated within our Contract terms and intend to embrace e-invoicing.</p> <p>There are a number of options for suppliers to choose from outlined in</p>																								

	<p>the attached FAQ. Please confirm your acceptance of e-payment.</p>  <p>AW5.5 ISupplier fact sheet.pdf</p> <p>ADI Consolidated Data Upload ISupplier</p>
Bidder guidance	<p>The Bidder shall answer Yes or No</p> <p>Yes – we will utilise an e-invoicing option - Pass No – we will not utilise an e-invoicing option - Fail</p>
Scoring criteria	Mandatory Pass / Fail
Bidder response	Yes / No

AW5.6	<p>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.</p>
Bidder guidance	<p>The Bidder shall answer Yes or No</p> <p>Yes – Pass No – Fail</p>
Scoring criteria	Mandatory Pass / Fail
Bidder response	Yes / No

QUALITY QUESTIONNAIRE

AW6.1	Compliance to the Specification: Please confirm your full compliance to the mandatory requirements detailed in the Specification document “PR17066 Full specification.pdf” referred to in Section 4 of the Invitation to Quote.
Bidder guidance	The Bidder shall answer Yes or No Yes – Pass No – Fail
Scoring criteria	Mandatory Pass / Fail
Bidder response	Yes / No

AW6.2	Glass Blanks for substrates (Section 4.1 of the Specification): The Bidder to confirm they understand and accept that using these glass blanks is a condition of any eventual contract.
Bidder Guidance	The Bidder to refer to the detailed drawings of the glass blanks provided in Section 4.1 (“Glass blanks for the substrates”) of the Specification, reference document RD1 and Appendix 1). The Bidder shall answer Yes or No. Yes – Pass No - Fail
Scoring Criteria	Mandatory Pass / Fail
Bidder Response	Drop down menu - Yes / No

AW6.3	Polishing of substrates (Section 5.1 of the Specification): Further to the confirmation given in AW6.1 that the mandatory requirement can be met, the Bidder to describe their proposals for the polishing of the substrates to meet the requirements summarised in Figure 5 (‘Drawing of the polished substrates for the dichroic-I’) and Figure 6 (‘Drawing of the polished substrates for the dichroic-H’).
Bidder Guidance	Bidder to describe their proposals for polishing of the substrates to meet the required technical points and parameters in the form of a full technical response. Please be aware that the maximum character count within a text response within this e-sourcing suite is 4,096.

	Attachment permitted but limited to 4 sides of A4.
Scoring Criteria	Scoring will be based on 0-100 scoring methodology as stated in the RFP document. Maximum marks: 8%
Bidder Response	Long text; attachment permitted.

AW6.4	Requirements for the coating of Dichroic-I and Dichroic-H (Sections 5.2 and 5.3 of the Specification): Further to the confirmation given in AW6.1 that the mandatory requirement can be met, the Bidder to describe the methods that they propose employing for the coating of Dichroic- I and Dichroic-H as set out in Table 3 ('Specifications for the coating of dichroic-I') and Table 5 ('Specifications for the coating of dichroic-H') of the Specification.
Bidder guidance	The Bidder shall provide, as an attachment, details about the coating methods as requested. The Bidder to describe the methods they would employ for the coating of the Dichroics to meet the required parameters in Tables 3 and 5 in the form of a full technical response. Please be aware that the maximum character count within a text response within this e-sourcing suite is 4,096. Attachments permitted.
Scoring criteria	Methods acceptable and demonstrates they can meet a high performance level for the parameters and for the measurement of tolerances. All tolerance types detailed in response with relevant supporting evidence. Excellent level of confidence that the full requirement will be met – 100 marks. Methods acceptable for meeting the parameters and for the measurement of tolerances. Most (but not all) tolerance types detailed in response with relevant supporting evidence. High level of confidence that the requirement will be met – 75 marks. Methods and measurement of tolerances are described but response is basic or lacks some relevant supporting evidence to provide full assurance. Acceptable level of confidence that the requirement will be met – 50 marks. Methods and measurement of tolerances are described but are mostly deemed unacceptable, or the relevant supporting evidence has not been provided Low level of confidence that the requirement will be met – 25 marks.

	No information provided or completely unacceptable methods with no confidence that the requirement will be met – 0 marks Maximum Marks: 8%
Bidder response	Long text; Attachments permitted.

AW6.5	Surface figure goals for both surfaces of Dichroic-I and Dichroic-H after coating (Sections 5.2 and 5.3): The Bidder to confirm which of the goals for the parameter ‘Surface figure of both surfaces after coating’ (Ref 1.) they will meet from the Goals specified in Tables 4 (‘Specifications of goals for the coating of dichroic-I’) and 6 (‘Specifications of goals for the coating of dichroic-H’) of the specification.													
Bidder Guidance	<p>The Bidder shall select the answer that applies to its bid offer. There are a total of four Goals in Tables 4 and 6 relating to Parameter ‘Surface figure of both surfaces after coating’ (Ref 1).</p> <table border="1"> <thead> <tr> <th>Dichroic</th> <th>Specification Goal</th> <th>Bidder to respond: YES – will meet goal, or NO – will not meet goal</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Dichroic-I</td> <td>Power < 300 nm RMS.</td> <td>Yes / No</td> </tr> <tr> <td>Astigmatism < 100 nm RMS.</td> <td>Yes / No</td> </tr> <tr> <td rowspan="2">Dichroic-H</td> <td>Power < 300 nm RMS.</td> <td>Yes / No</td> </tr> <tr> <td>Astigmatism < 100 nm RMS.</td> <td>Yes / No</td> </tr> </tbody> </table>	Dichroic	Specification Goal	Bidder to respond: YES – will meet goal, or NO – will not meet goal	Dichroic-I	Power < 300 nm RMS.	Yes / No	Astigmatism < 100 nm RMS.	Yes / No	Dichroic-H	Power < 300 nm RMS.	Yes / No	Astigmatism < 100 nm RMS.	Yes / No
Dichroic	Specification Goal	Bidder to respond: YES – will meet goal, or NO – will not meet goal												
Dichroic-I	Power < 300 nm RMS.	Yes / No												
	Astigmatism < 100 nm RMS.	Yes / No												
Dichroic-H	Power < 300 nm RMS.	Yes / No												
	Astigmatism < 100 nm RMS.	Yes / No												
Scoring Criteria	<p>Bidder can meet at all four Goals - 100 Marks</p> <p>Bidder can meet three Goals - 75 Marks</p> <p>Bidder can meet two Goals - 50 Marks</p> <p>Bidder can meet one Goal - 25 Marks</p> <p>Bidder can meet none of the Goals - 0 Marks</p> <p>Maximum Marks: 5%</p>													
Bidder Response	<p>Bidder to select the number of goal(s) that they will meet and to complete the attachment provided to confirm which goals will be met.</p> <p>Selection with attachment.</p>													

AW6.6	Coating and constraint goals for the Dichroic-I and Dichroic-H coating (Sections 5.2 and 5.3): The Bidder to confirm which of the goals they will
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	<p>meet for the following parameters specified in Tables 4 ('Specifications of goals for the coating of dichroic-I') and 6 ('Specifications of goals for the coating of dichroic-H') of the specification:</p> <ul style="list-style-type: none"> - Ref 2. Parameter - Coating on S1 (entrance surface). - Ref 3. Parameter - Coating on S2 (exit surface). - Ref 4. Parameter - Extra constraints for ghosts. 																																										
Bidder Guidance	<p>The Bidder shall select the answer that applies to its bid offer. There are a total of twenty two Goals in Tables 4 and 5 relating to the Ref 2. Parameter ('Coating on S1 (entrance surface))'.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%; text-align: center;">Dichroic</th> <th style="width: 55%; text-align: center;">Specification Goal</th> <th style="width: 30%; text-align: center;">Bidder to respond: YES – will meet goal, or NO – will not meet goal</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align: center;">Ref 2. Parameter: Coating on S1 (entrance surface)</td> </tr> <tr> <td rowspan="6" style="text-align: center; vertical-align: middle;">Dichroic - I</td> <td style="text-align: center;">Rave>99% over 640 -930 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td style="text-align: center;">Rmin>98% over 640 -930 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td style="text-align: center;">Tave>99% over 960 -1350 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td style="text-align: center;">Tmin>98% over 960 -1350 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td style="text-align: center;">Tave>99% over 1470 -1800 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td style="text-align: center;">Tmin>98% over 1470 -1800 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td rowspan="4" style="text-align: center; vertical-align: middle;">Dichroic - H</td> <td style="text-align: center;">Rave>99% over 940-1350 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td style="text-align: center;">Rmin>98% over 940-1350 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td style="text-align: center;">Tave>99% over 1470-1800 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td style="text-align: center;">Tmin>98% over 1470-1800 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td colspan="3" style="text-align: center;">Ref 3. Parameter: Coating on S2 (exit surface)</td> </tr> <tr> <td rowspan="5" style="text-align: center; vertical-align: middle;">Dichroic - I</td> <td style="text-align: center;">Rave>99% over 2000-2700 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td style="text-align: center;">Rmin>98% over 2000-2700 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td style="text-align: center;">Tave>99% over 940-1350 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td style="text-align: center;">Tmin>98% over 940-1350 nm</td> <td style="text-align: center;">Yes / No</td> </tr> <tr> <td style="text-align: center;">Tave>99% over 1470-1800 nm</td> <td style="text-align: center;">Yes / No</td> </tr> </tbody> </table>	Dichroic	Specification Goal	Bidder to respond: YES – will meet goal, or NO – will not meet goal	Ref 2. Parameter: Coating on S1 (entrance surface)			Dichroic - I	Rave>99% over 640 -930 nm	Yes / No	Rmin>98% over 640 -930 nm	Yes / No	Tave>99% over 960 -1350 nm	Yes / No	Tmin>98% over 960 -1350 nm	Yes / No	Tave>99% over 1470 -1800 nm	Yes / No	Tmin>98% over 1470 -1800 nm	Yes / No	Dichroic - H	Rave>99% over 940-1350 nm	Yes / No	Rmin>98% over 940-1350 nm	Yes / No	Tave>99% over 1470-1800 nm	Yes / No	Tmin>98% over 1470-1800 nm	Yes / No	Ref 3. Parameter: Coating on S2 (exit surface)			Dichroic - I	Rave>99% over 2000-2700 nm	Yes / No	Rmin>98% over 2000-2700 nm	Yes / No	Tave>99% over 940-1350 nm	Yes / No	Tmin>98% over 940-1350 nm	Yes / No	Tave>99% over 1470-1800 nm	Yes / No
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		Tmin>98% over 1470-1800 nm	Yes / No
Ref 4. Parameter: Extra constraints for ghosts			
	Dichroic - I	$(1-A1)*(1-R1)*R2*(1-R1)*(1-A1) < 0.01\%$ over 640-950 nm	Yes / No
	Dichroic - H	$(1-A1)*(1-R1)*R2*(1-R1)*(1-A1) < 0.01\%$ over 940-1350 nm	Yes / No
Scoring Criteria	<p>Bidder can meet eighteen or more Goals - 100 Marks</p> <p>Bidder can meet twelve to seventeen Goals - 75 Marks</p> <p>Bidder can meet six to eleven Goals - 50 Marks</p> <p>Bidder can meet one to five Goals - 25 Marks</p> <p>Bidder can meet none of the Goals - 0 Marks</p> <p>Maximum Marks: 4%</p>		
Bidder Response	<p>Bidder to select the number of goal(s) that they will meet and to complete the attachment provided to confirm which specific goals will be met.</p> <p>Selection with attachment.</p>		

AW6.7	Measurement and acceptance of the dichroics (Sections 6.2 to 6.6 of the Specification): Bidder to describe their plans and processes for measurement and acceptance of the dichroics, to include Factory Acceptance Testing, in order to demonstrate how they will meet Sections 6.2 to 6.6 (inclusive) of the Specification.
Bidder Guidance	<p>The Bidder shall describe their plans and processes they would conduct (to include the production of prototype samples and Factory Acceptance Testing), to demonstrate how they will meet Sections 6.2 to 6.6 (inclusive) of the specification.</p> <p>Bidder's plans to include the measurement and acceptance of the witness samples and the final dichroics as set out in Section 6.6 of the Specification.</p> <p>Please be aware that the maximum character count within a text response within this e-sourcing suite is 4096.</p> <p>Attachment permitted but limited to 8 sides of A4. Any information submitted</p>

	over and above the specified limit will be disregarded and not evaluated.
Scoring Criteria	<p>Bidder's description of their plans and processes for measurement and acceptance testing is highly detailed and comprehensive and details how the bidder will ensure all the required acceptance and inspection tests meet the Customer's requirements. Response provides a high level of assurance that the customer's requirement will be met – 100 marks.</p> <p>Bidder's description of their plans and processes for measurement and acceptance testing is of good quality and sufficiently comprehensive and includes details of how the bidder will ensure all the required acceptance and inspection tests meet the Customer's requirements. Response provides a good level of assurance that the customer's requirement will be met - 75 marks.</p> <p>Bidder's description of their plans and processes for measurement and acceptance testing is sufficient, identifying all of the required acceptance and inspection tests. Level of detail provided is sufficient but basic in some areas – 50 marks.</p> <p>Bidder's description of their plans and processes for measurement and acceptance testing is basic, identifying some of the required acceptance and inspection tests. Level of detail for some tests is basic or missing – 25 marks.</p> <p>Bidder's description of their plans and processes for measurement and acceptance testing is of poor quality, missing out several of the required acceptance and inspection tests providing insufficient assurance that the customer requirement will be met – 0 marks.</p> <p>Maximum marks: 9%</p>
Bidder Response	Long text; Attachment.

AW6.8	Quality management: The Bidder shall provide details of the proposed quality management procedures that will be applied for this contract.
Bidder Guidance	<p>The Bidder shall provide, as an attachment, full details of the quality management procedures that will be applied for this contract and project, as a minimum providing a Quality Plan, named quality manager, QA system employed and details of any relevant accreditation or international standards and how these will be applied to this project.</p> <p>Attachment permitted.</p>
Scoring Criteria	Full details of the quality management procedures have been provided including Quality Plan, named quality manager and QA system employed. Relevant accreditation to ISO 9001 or an equivalent international standard

	<p>evidenced, and how the QA will be applied to this project. Full assurance that a comprehensive quality process will be employed – 100 marks</p> <p>Details of the quality management procedures have been provided, including most (but not all) of the minimum requirements identified, giving sufficient assurance that a comprehensive quality process will be employed – 75 marks</p> <p>Details of the quality management procedures have been provided, though a number of requirements have not been provided, and there is not sufficient assurance that a comprehensive quality process will be employed – 50 marks</p> <p>Some details of the quality management procedures have been provided, but much information is missing or of poor quality – 25 marks</p> <p>No details of the quality management procedures provided – 0 marks</p> <p>Maximum Marks: 4%</p>
Bidder Response	Attachment permitted.

AW6.9	<p>Project Plan: The Bidder to outline their project plan including deadlines and description of how work would be managed and delivered against time-scales set (assuming a contract award date of 26th September 2017 and the supply of the glass blanks within 10 working days from contract award).</p> <p>The Plan must include proposed dates and timelines to meet the contract deliverables set out below and referred to in Section 6.7 of the Specification ('Summary of deliverables') and the relevant inspection/acceptance testing milestones.</p> <ul style="list-style-type: none"> - Project Kick-off and UKATC acceptance of Supplier's final Project Plan. - Progress Reporting against the Project Plan. - Polished substrates and interferometric test reports. - Theoretical coating predictions. - Results of measured transmission and reflectance of coating samples. - Results of cryogenic thermal cycling on the coating test samples. - Results of the theoretical prediction of the mechanical deformation of the substrate and how this affects surface form error. - Measured transmission and reflectance data of the final coated
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	<p>substrates.</p> <ul style="list-style-type: none"> - Results of interferometric measurements of the coated surfaces of the dichroics. - Witness samples for dichroic-I and dichroic-H. - Delivery of both the first and final set of completed dichroics to the UK Astronomy Technology Centre in Edinburgh, UK.
Bidder Guidance	<p>Bidders to provide an attachment outlining their proposed project plan from project initiation to delivery of the requirement.</p> <p>Project plan should identify key milestones and project dependencies.</p> <p>The preferred format of the project schedule is a Gantt chart. Attachment permitted.</p>
Scoring Criteria	<p>Scoring will be based on 0-100 scoring methodology as stated in the RFP document.</p> <p>Maximum marks: 4%</p>
Bidder Response	Attachment permitted.

AW6.10	<p>Delivery of the first completed set of dichroics (one off Dichroic H and one off Dichroic I): Please confirm your earliest lead time for delivery of the first completed set of dichroics to UK ATC (STFC).</p>
Bidder Guidance	<p>The Bidder shall select the answer that applies to their Bid offer. Bidder to respond on the assumption that contract award will be on the 26th September 2017 and the supply of the glass blanks within 10 working days from contract award.</p>
Scoring Criteria	<p>The first completed set to be delivered:</p> <ul style="list-style-type: none"> - within 9 months from receipt of the glass blanks from the customer – 100 Marks. - more than 9 months but within 12 months from receipt of the glass blanks from the customer - 50 Marks. - later than 12 months from receipt of the glass blanks from the customer – 0 Marks. <p>Maximum Marks: 8%</p>
Bidder Response	Selection

AW6.11	Delivery packaging: The Bidder to describe how the Dichroics will be packed for transport to UK ATC Edinburgh UK (STFC) and how they will prevent any damage or contamination occurring after the Factory Acceptance Tests (FAT).
Bidder Guidance	<p>The Bidder to describe how the four Dichroics will be packed for transport to UK ATC and how they will prevent damage and/or contamination occurring following FAT.</p> <p>Please be aware that the maximum character count within a text response within this e-sourcing suite is 4096.</p> <p>Attachment permitted but limited to 2 sides of A4. Any information submitted over and above the specified limit will be disregarded and not evaluated.</p>
Scoring Criteria	<p>Maximum Marks: 0%</p> <p>For information only.</p>
Bidder Response	Long text; attachment permitted.