

Response Document

Part 3 Technical Questionnaire

Sections	Page no
1 Yes / No Answer - Question Format.....	2
2 Descriptive Answer - Question Format.....	Error! Bookmark not defined.

For Participant’s information - the questions in this section are evaluated by:

- Pass or Fail;
- For Information Only; or
- [Marks / percentage weighting].

This is indicated next to each question for your convenience.

UAV Requirements

1 Yes / No Answer - Question Format

1.1 Do you hold a valid Operational Authorisation document:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
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PASS / FAIL

- 1.2 PASS: Participant provides valid Operational Authorisation document.
- 1.3 FAIL: Participant does not provide valid Operational Authorisation document.

1.3.1 If yes, please provide a copy in your bid response.

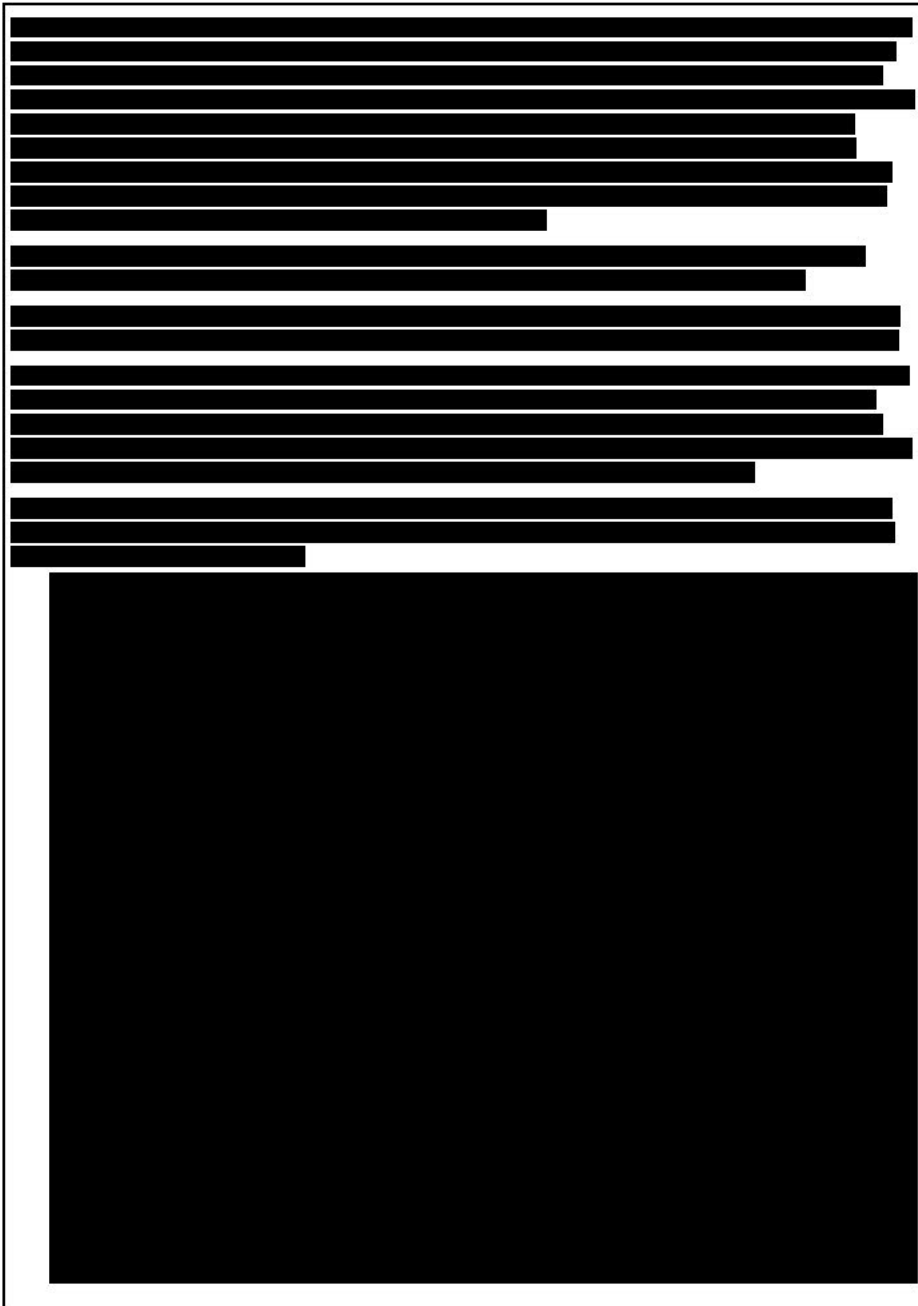
See appendix Part 3 – 1.3.1 submitted with this bid

2

2.1 Participant must demonstrate fixed wing/multirotor UAV and sensor technology capability to meet Ordnance Survey requirement.:

The response must include the specific technology available to fulfil the service.

[Redacted content]



[Redacted content]

[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]

[Redacted content]

[Redacted]

You may be asked to provide evidence of this should you be successful at tender.

2%

2.2 Participant must demonstrate how they intend to fulfil the requirement to operate GB wide if required.:

The response must include how the participant shall mobilise to provide the services within the prescribed timescales. In addition, the participant must detail their physical GB coverage, e.g., details of base location, transport links, and number of personnel available to fulfil coverage.

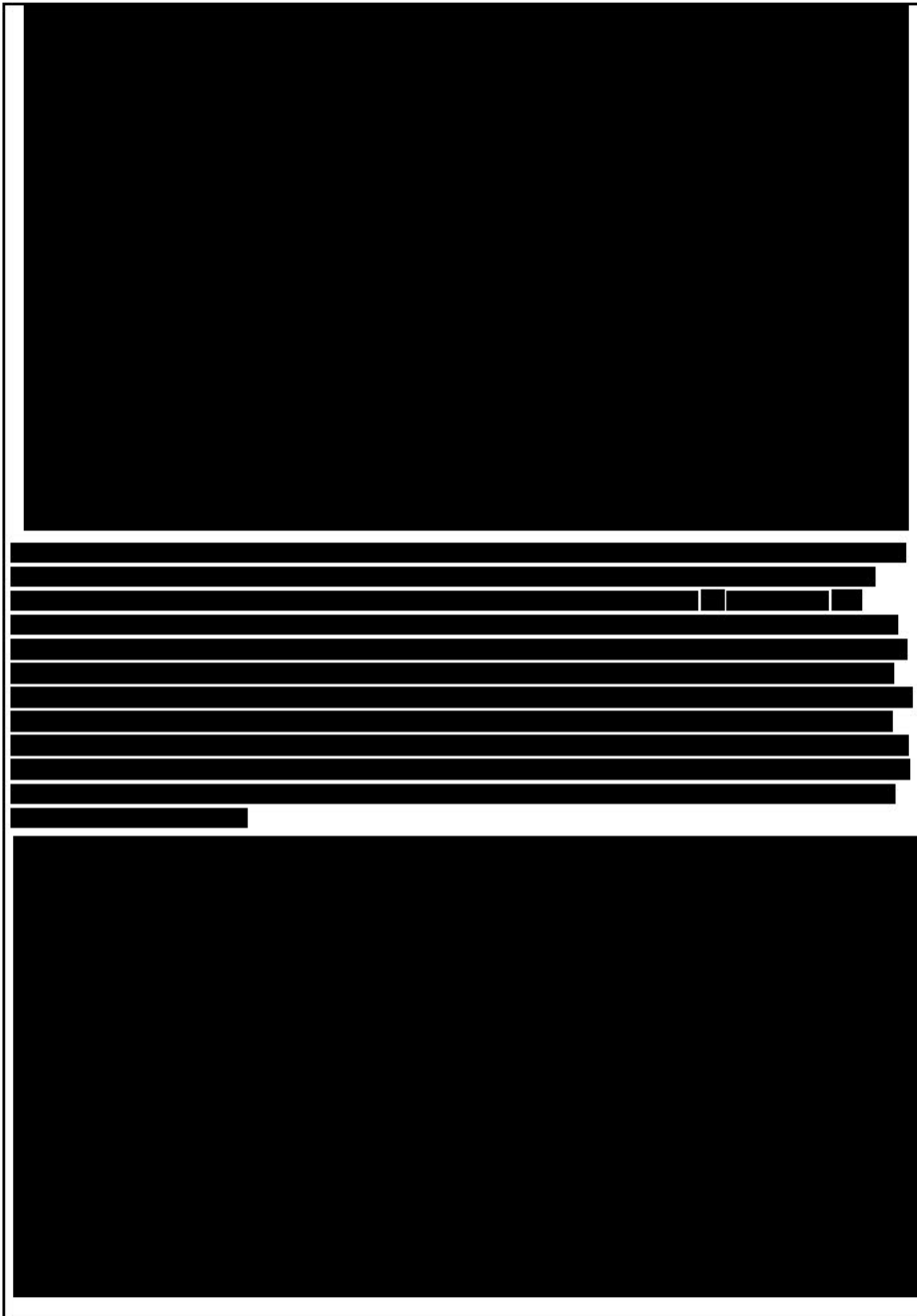
[Redacted]

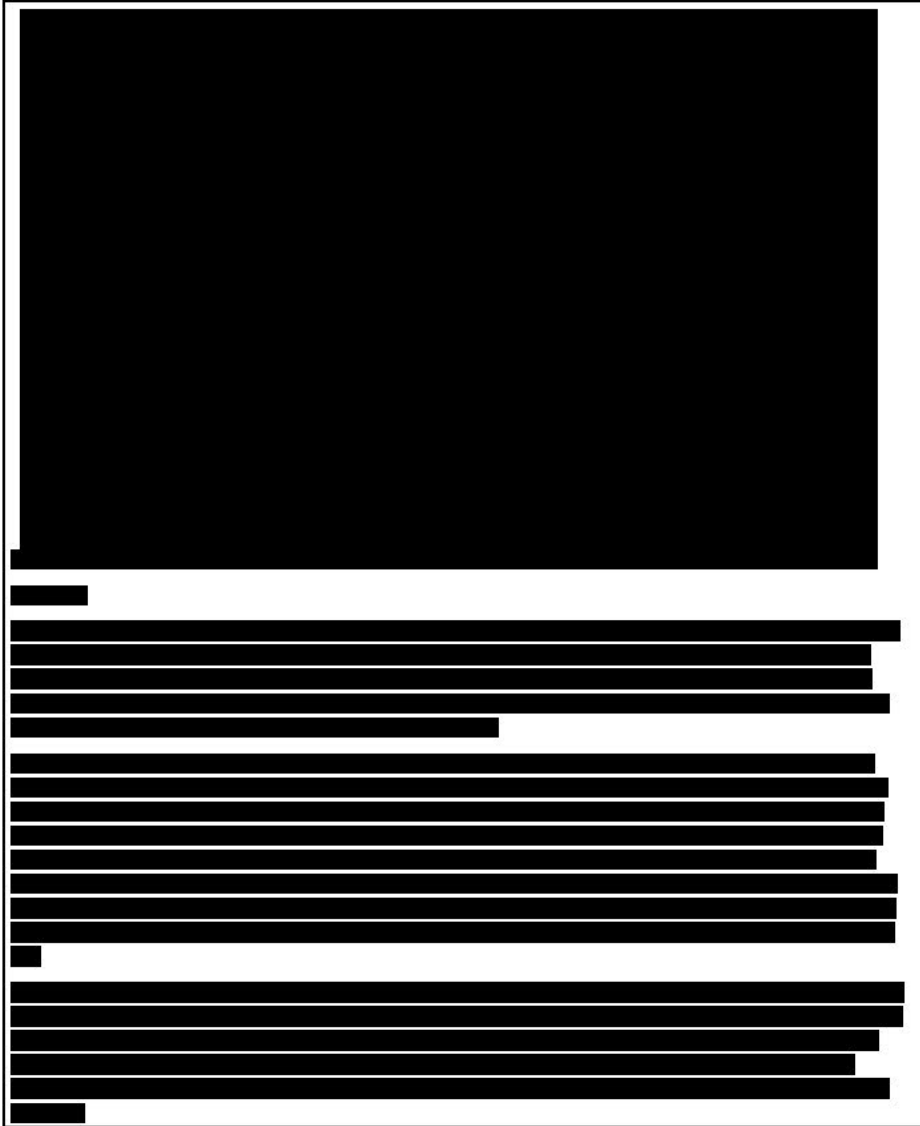
[REDACTED]

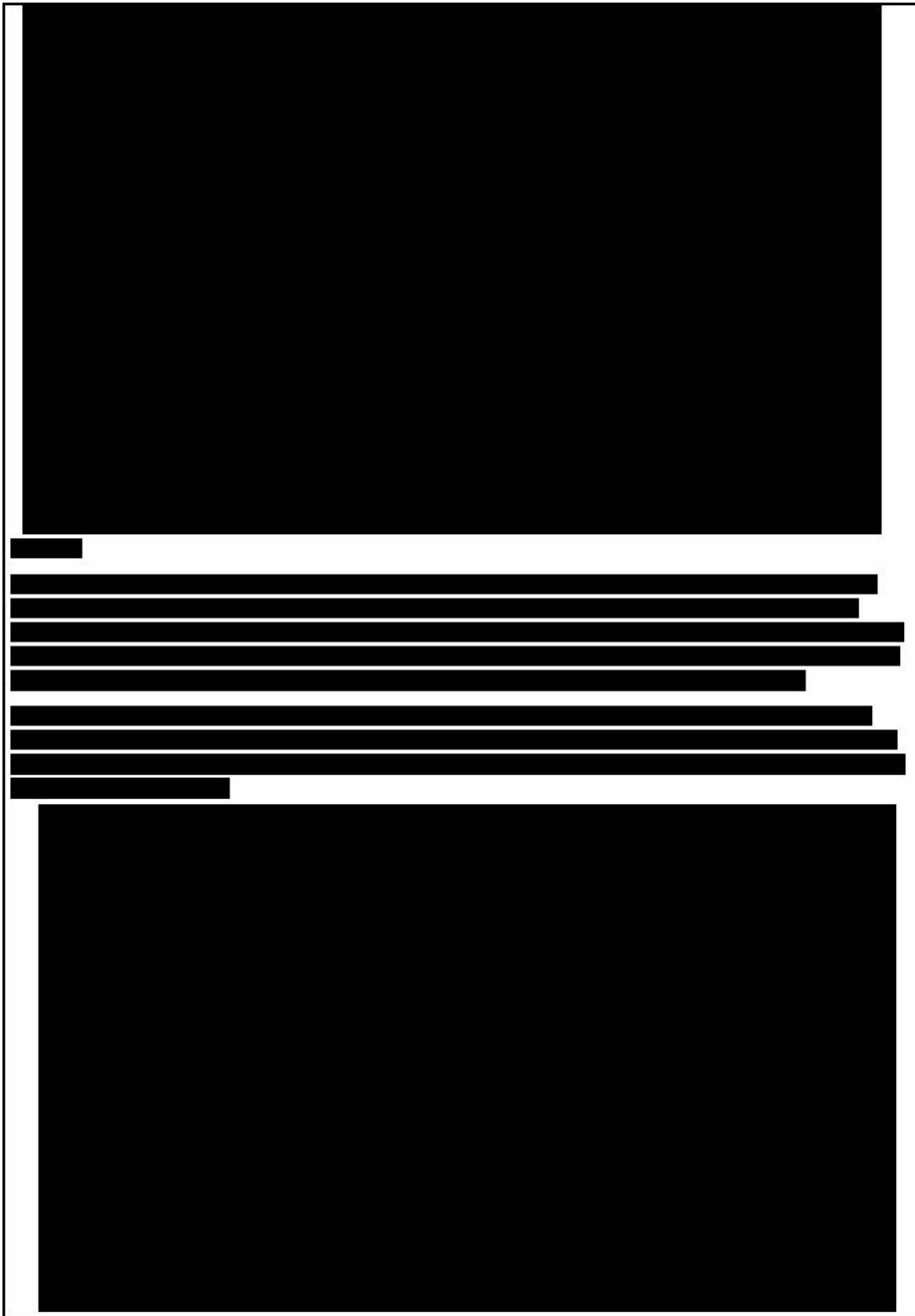
[Redacted content block containing multiple paragraphs and a bulleted list]

- [Redacted]
- [Redacted]
- [Redacted]
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- [Redacted]

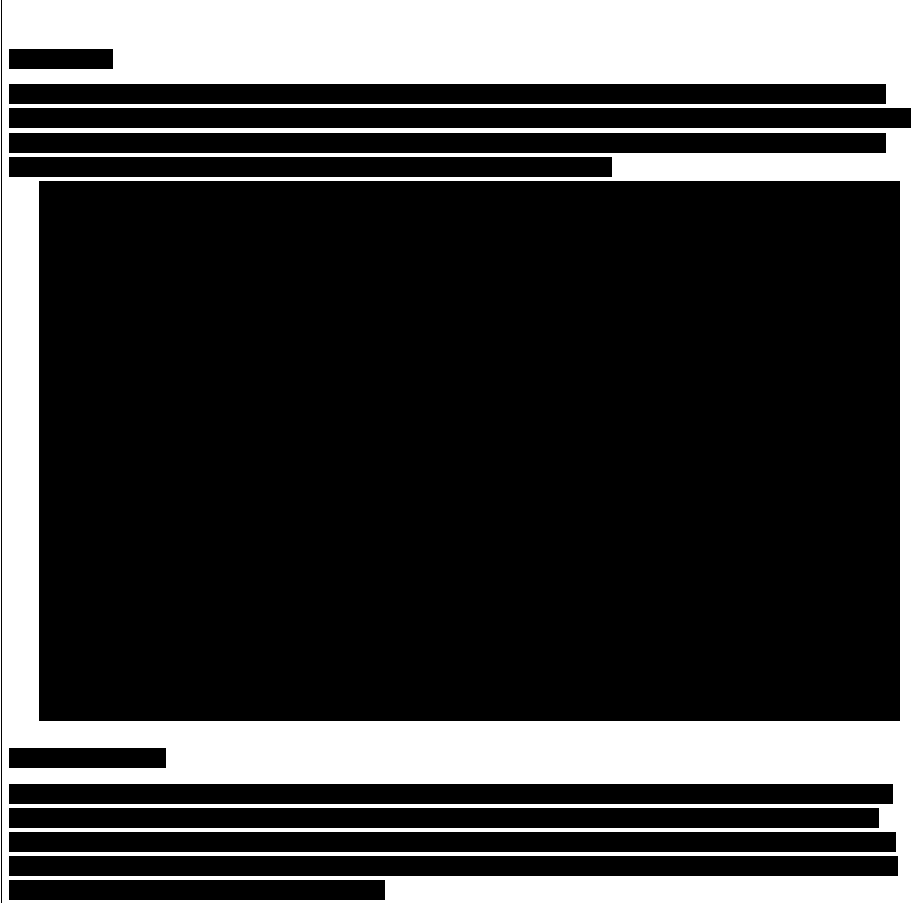
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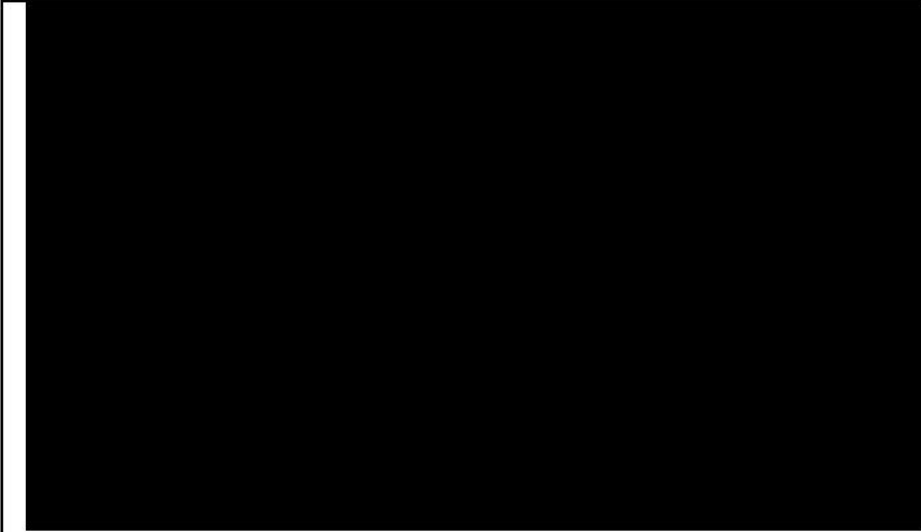






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[Redacted text block containing multiple paragraphs of obscured content, including bulleted points and several lines of text.]

You may be asked to provide evidence of this should you be successful at tender.

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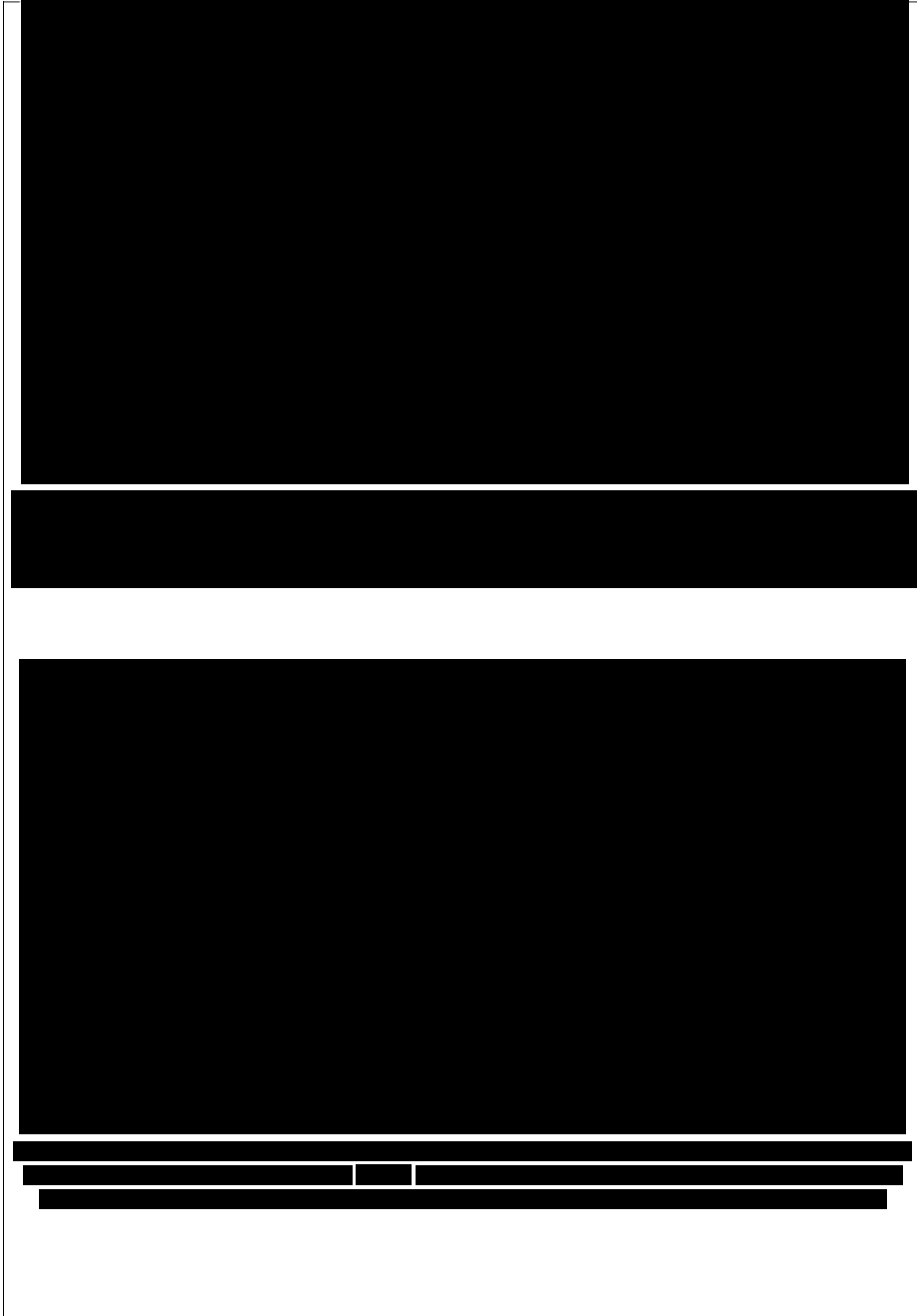
2.3 Participant must demonstrate how the sortie will be flight planned with sufficient overlap and lateral lap to meet accuracy.

The response must include details of the approach and relevant technical details.

[Redacted content]

[REDACTED]





[REDACTED]

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[Redacted]

You may be asked to provide evidence of this should you be successful at tender.

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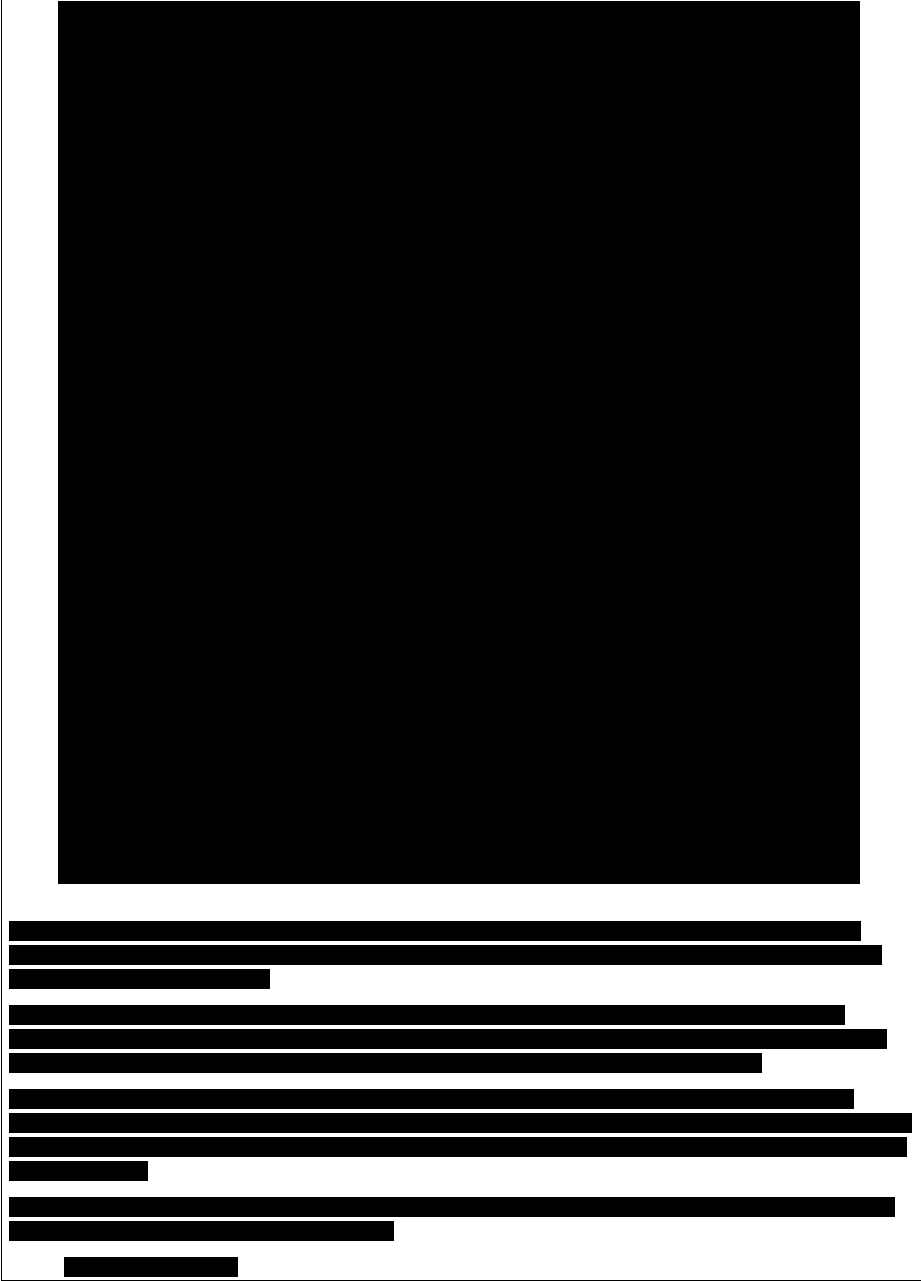
2.4 Participant must demonstrate how data will be processed and delivered to OSGB36 mapping projection, including quality and workflow processes.

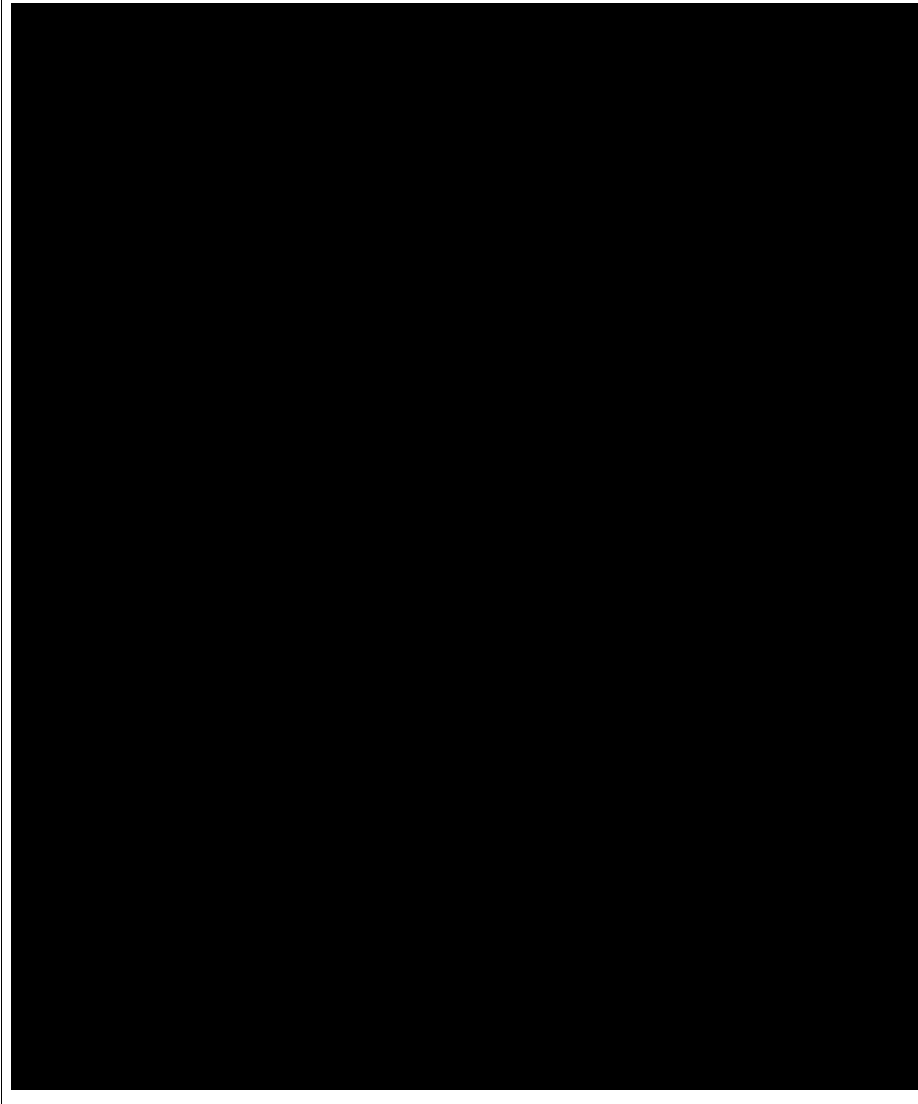
The response must include details of data processing procedures, delivery approach and relevant quality procedures/plans.

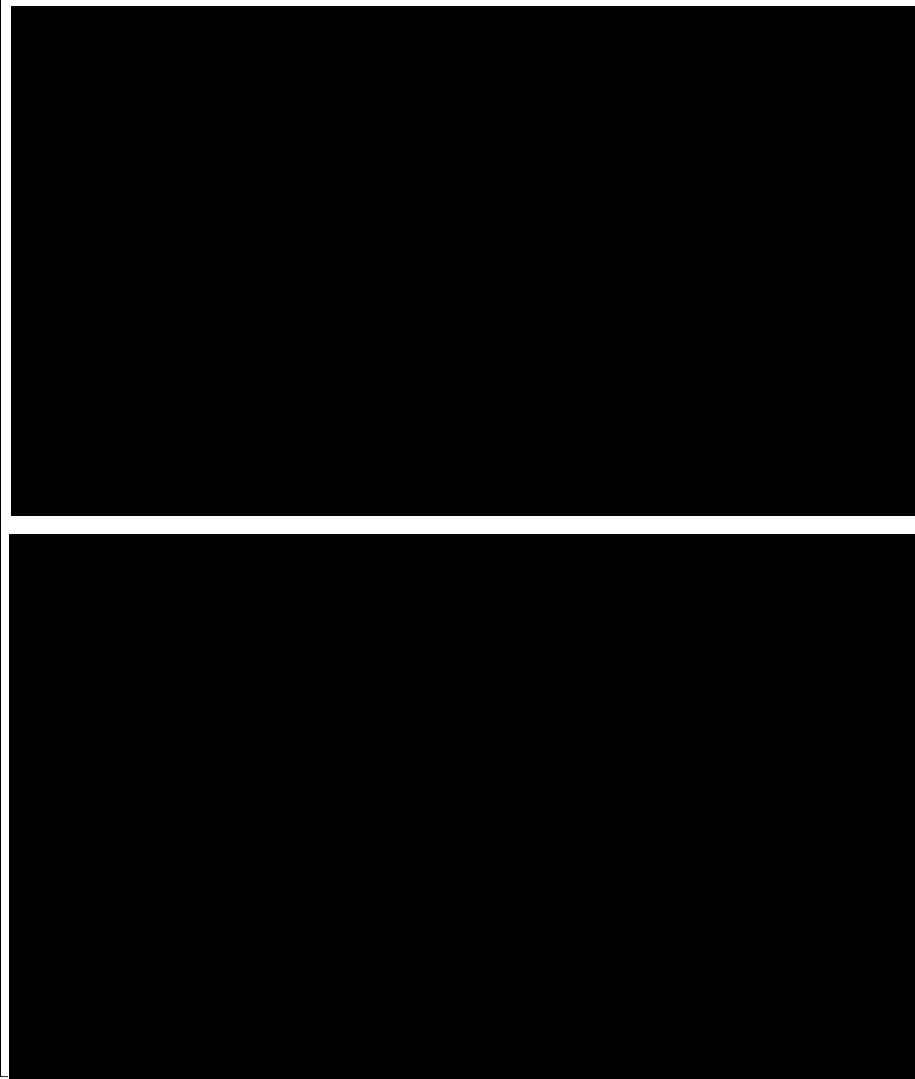
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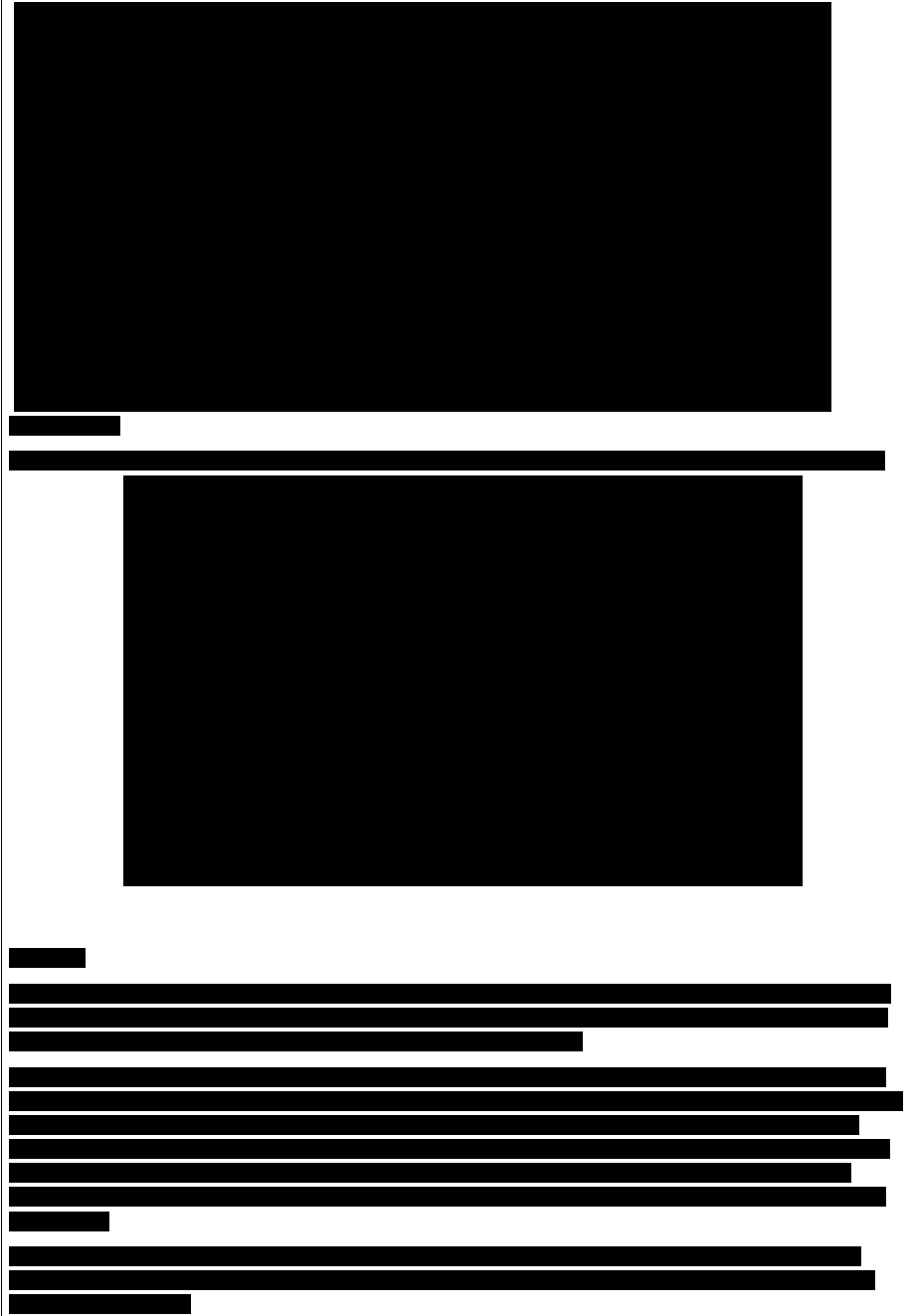
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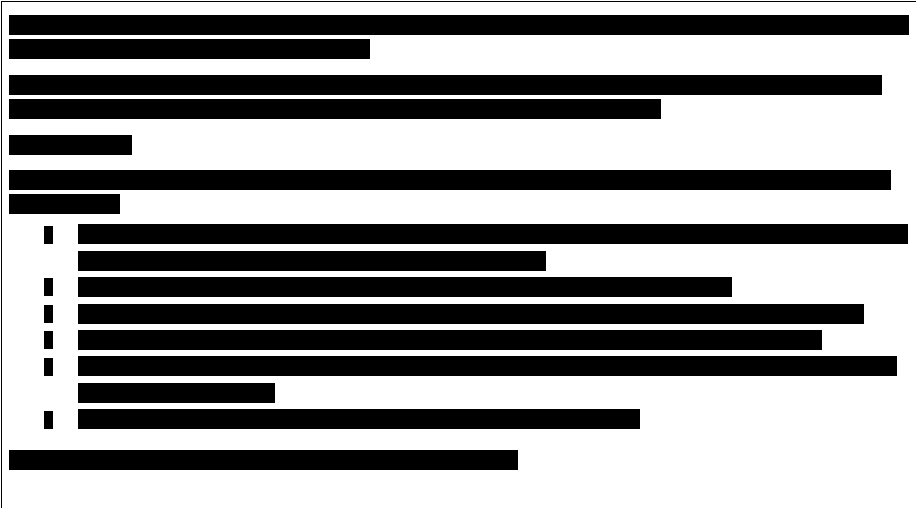
[REDACTED]











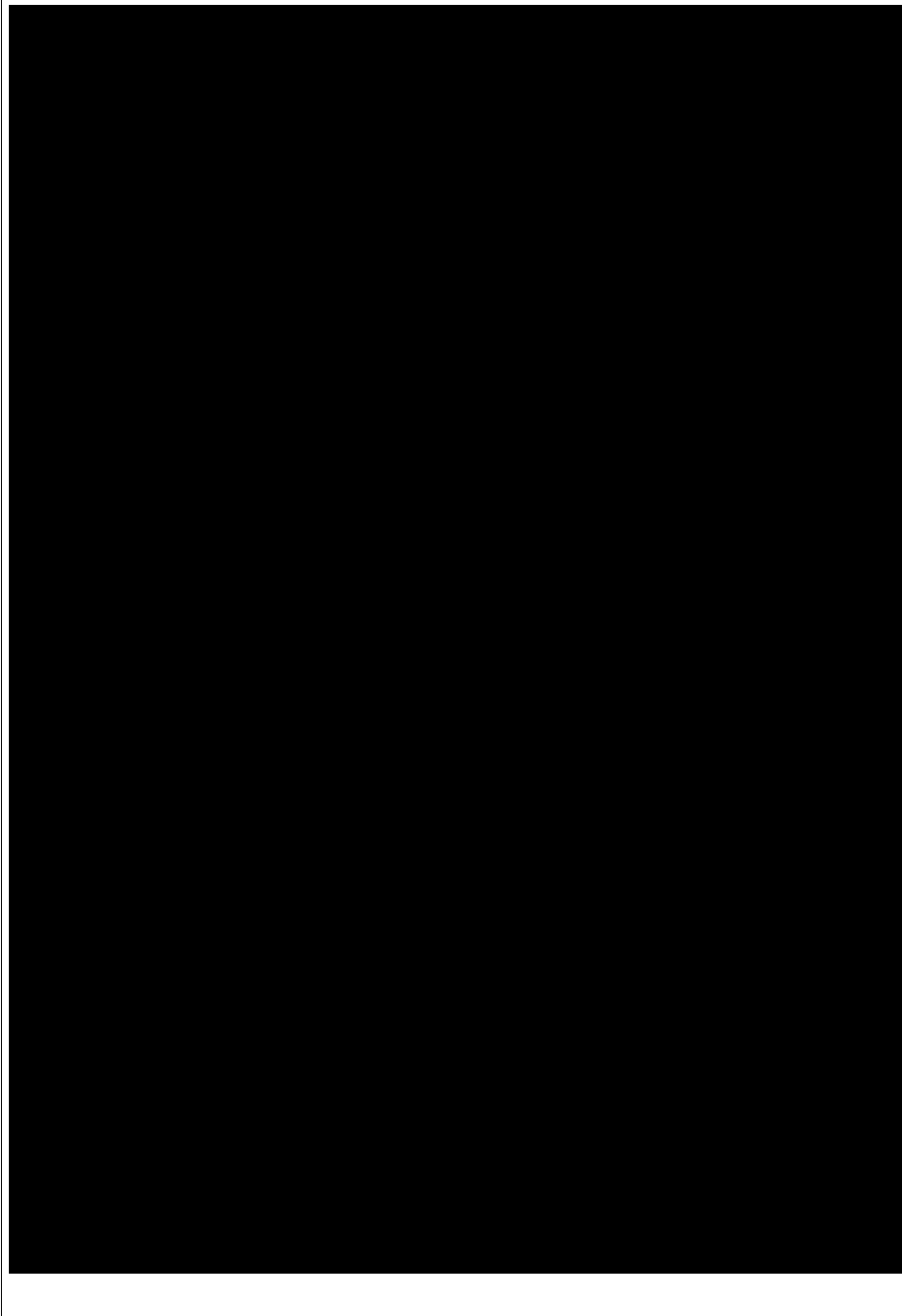
You may be asked to provide evidence of this should you be successful at tender.

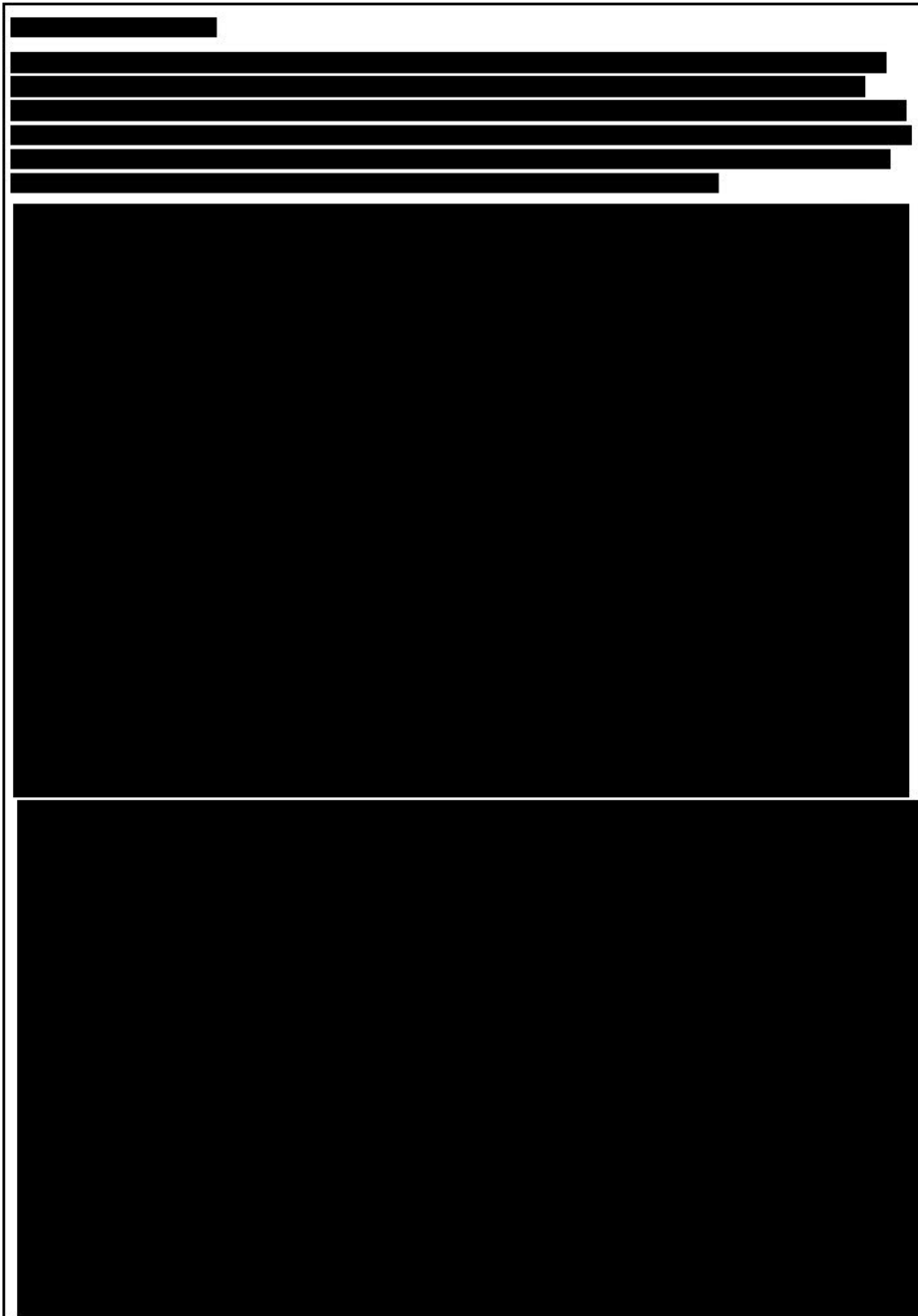
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- 2.5 Participant must demonstrate how Ground Control Points will be used to meet accuracy requirements. The response must include technical details and outline the approach taken.



[REDACTED]





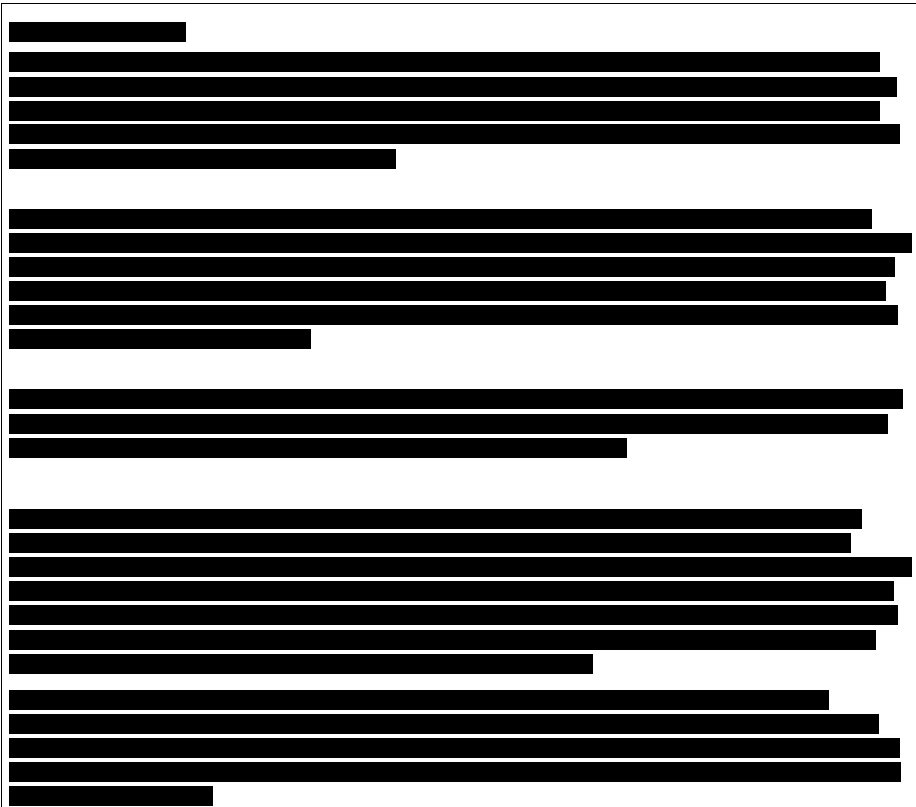


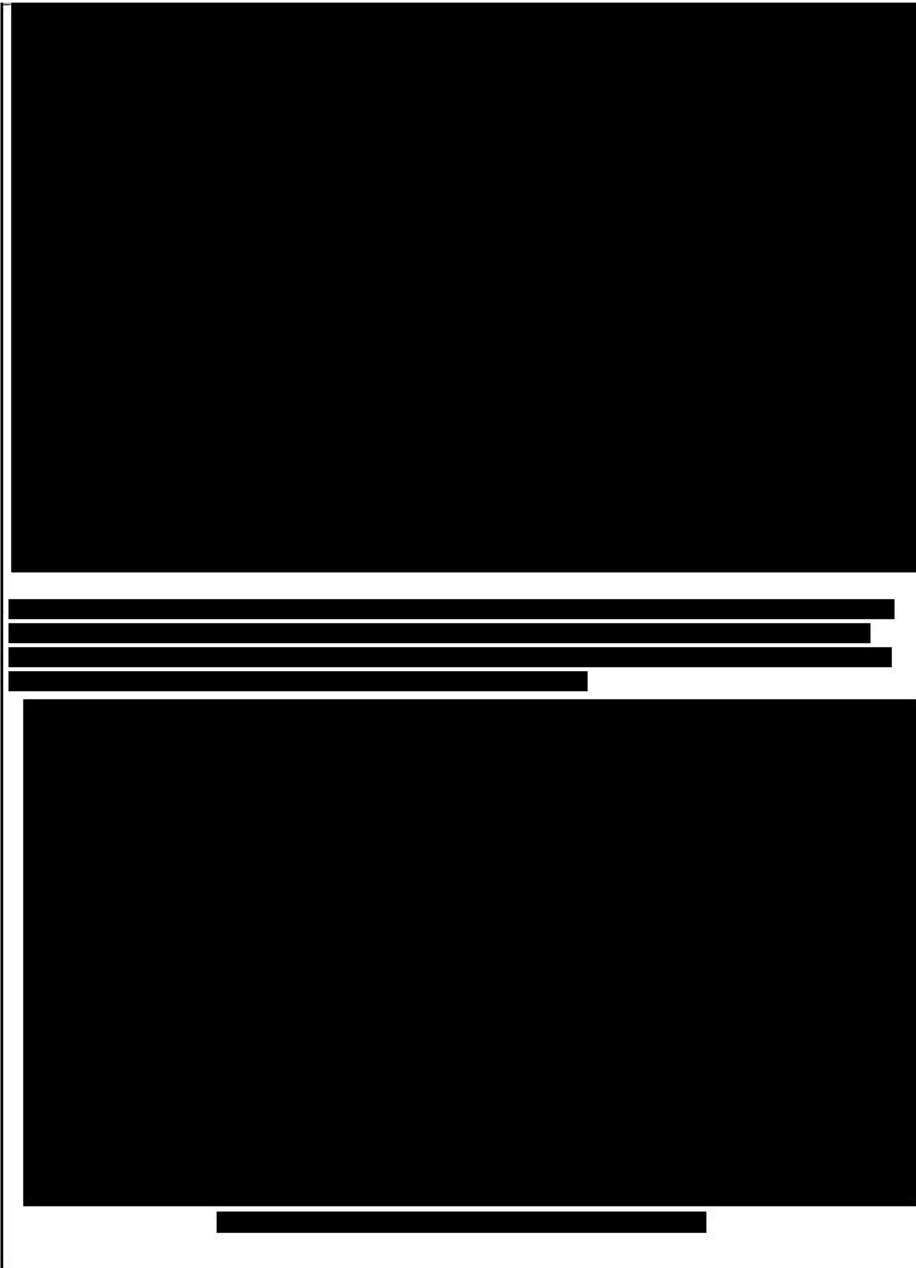
You may be asked to provide evidence of this should you be successful at tender.

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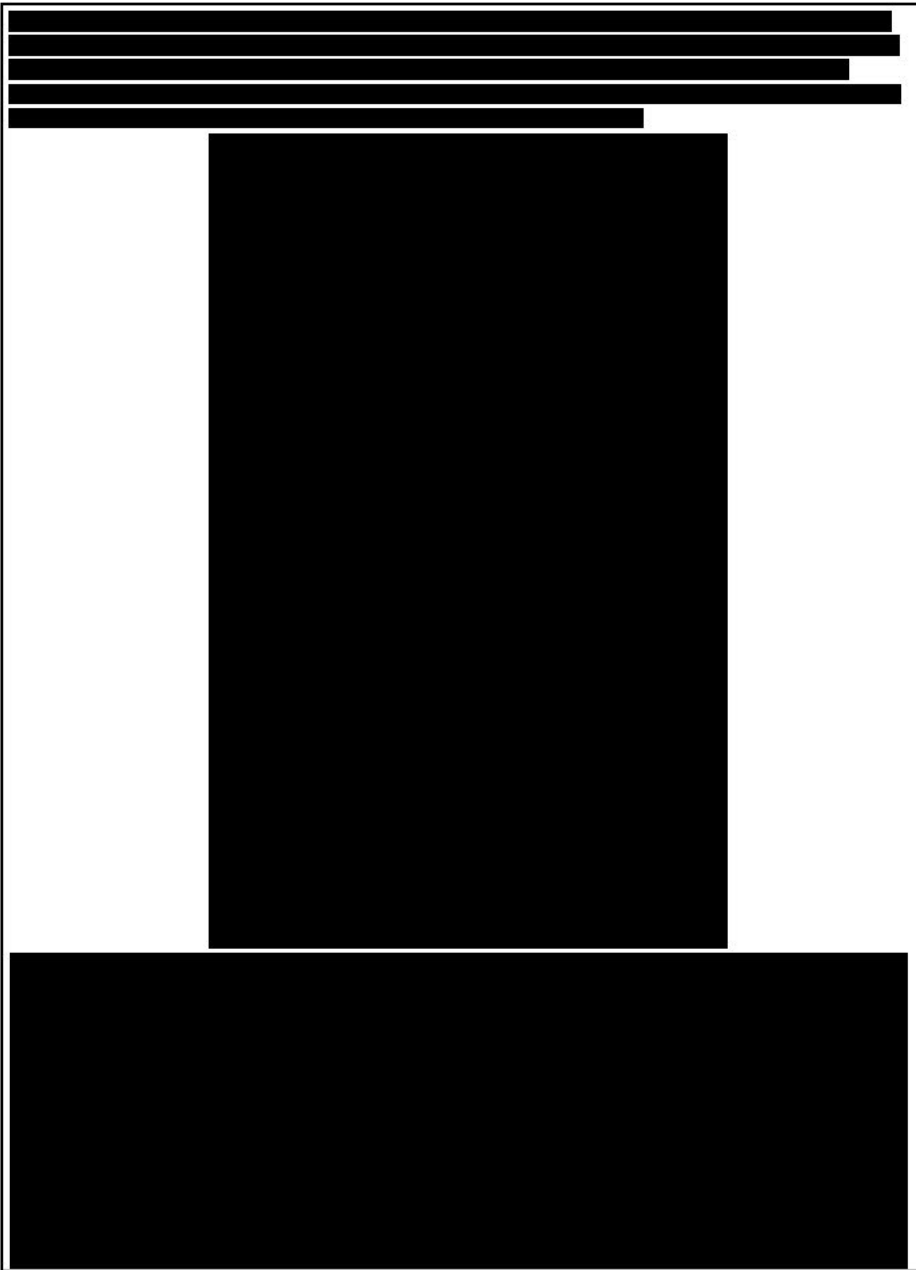
2.6 Participant must demonstrate how you ensure the data is delivered within 2 weeks of acquisition in production ready state.

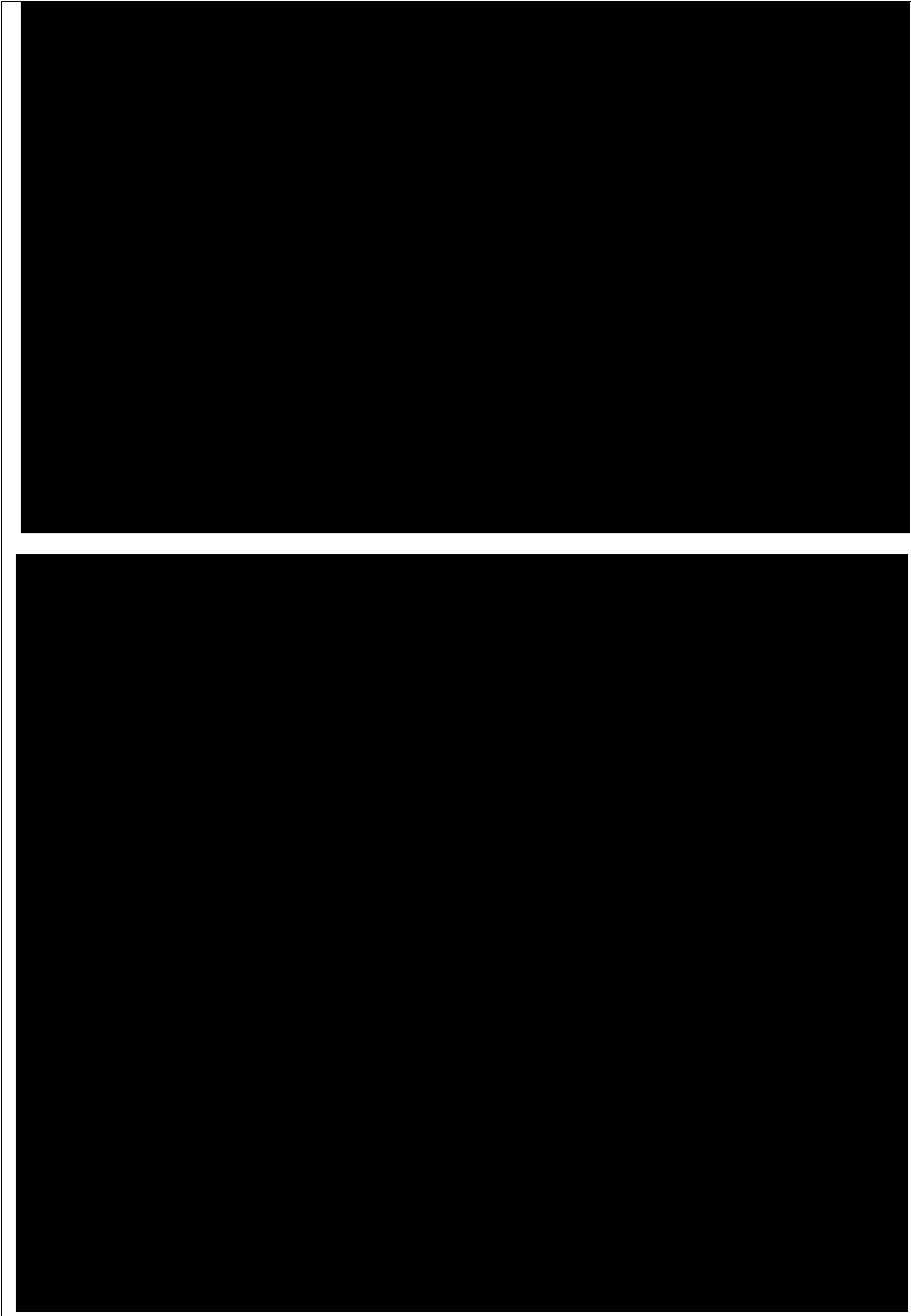
The response must include details of how they ensure timescales are met and to a production ready state.



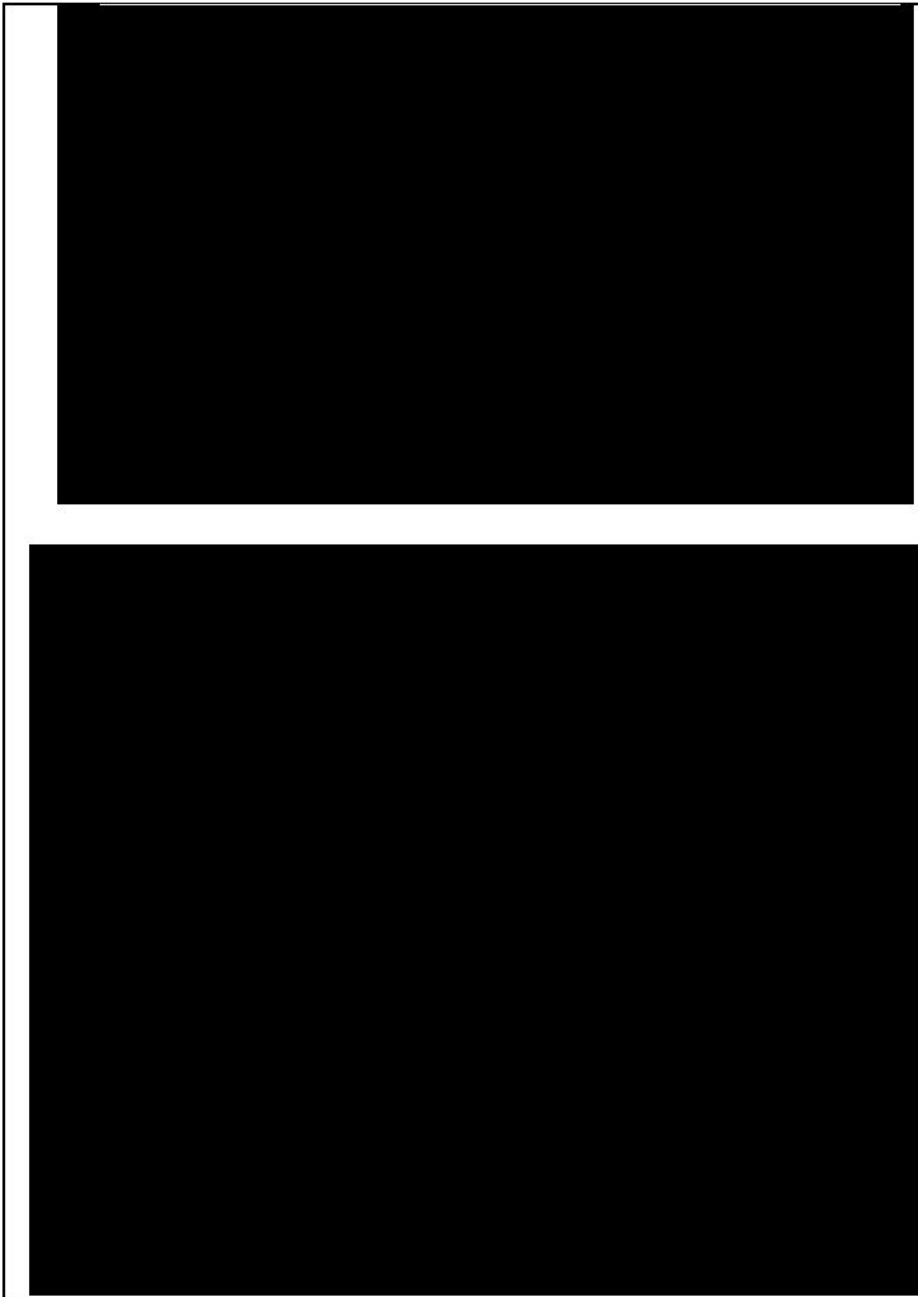


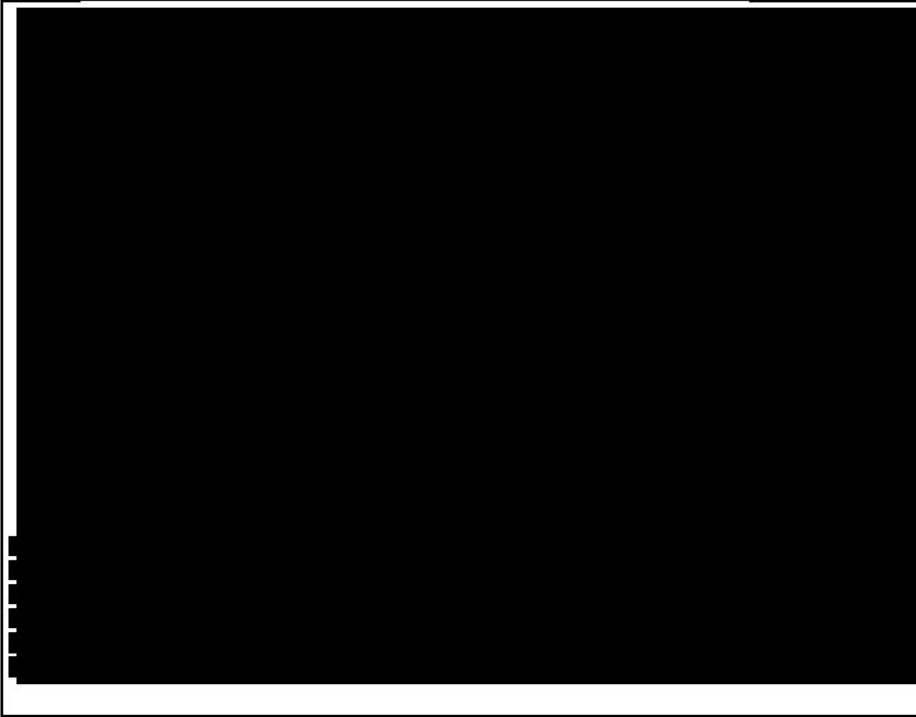
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You may be asked to provide evidence of this should you be successful at tender.

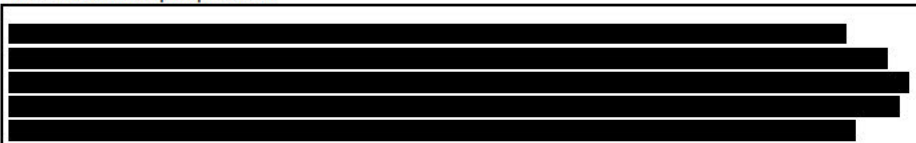
3%

2.7 Participant must provide two examples of a risk assessment form.:

Examples may include template/form/redacted copy.

Pass: 2 examples provided.

Fail: 1 or zero examples provided.



You may be asked to provide evidence of this should you be successful at tender.

PASS / FAIL

3 Capture Capacity

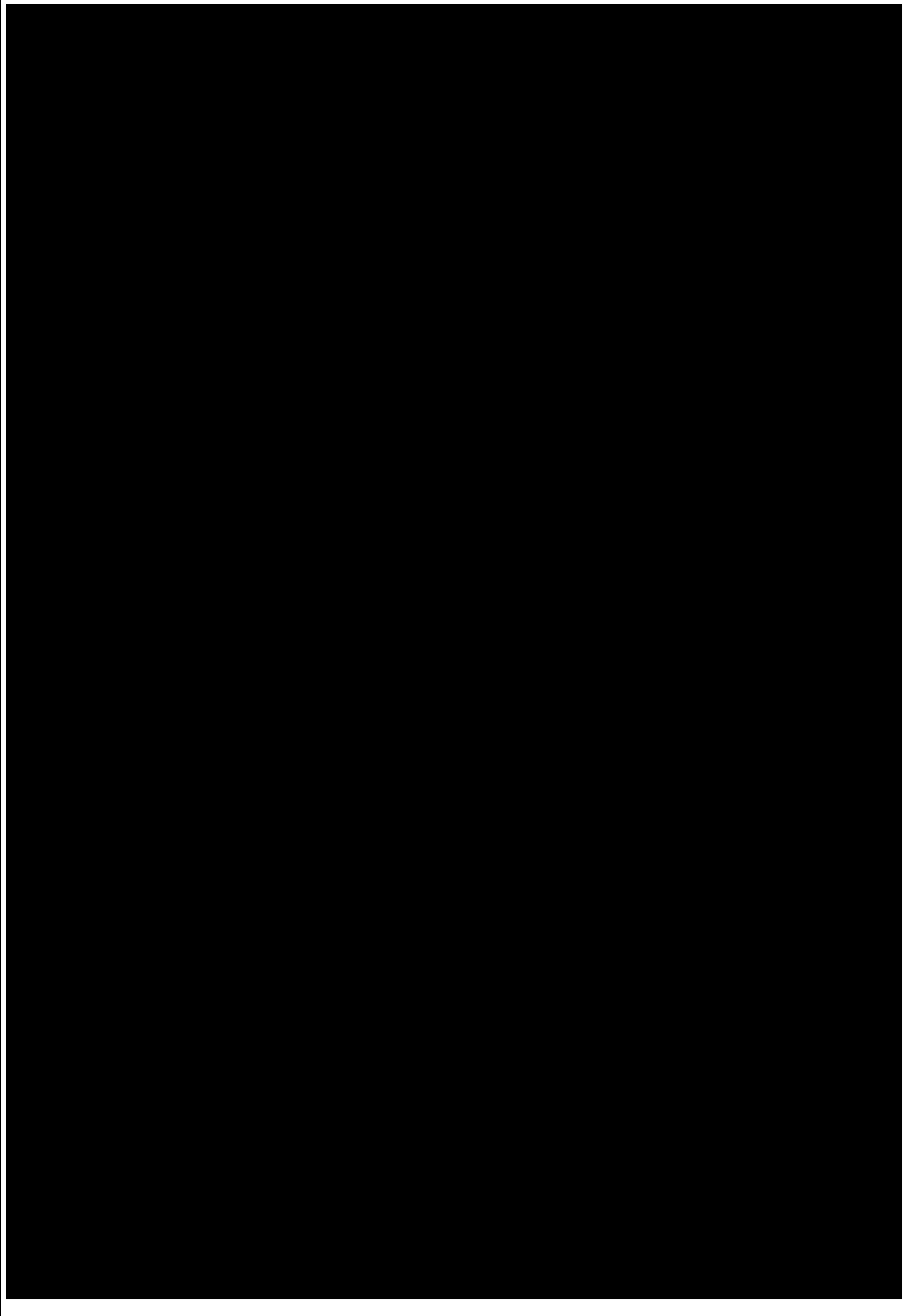
3.1 Participant must provide their maximum achievable hectare capture per chargeable day with supporting evidence.:

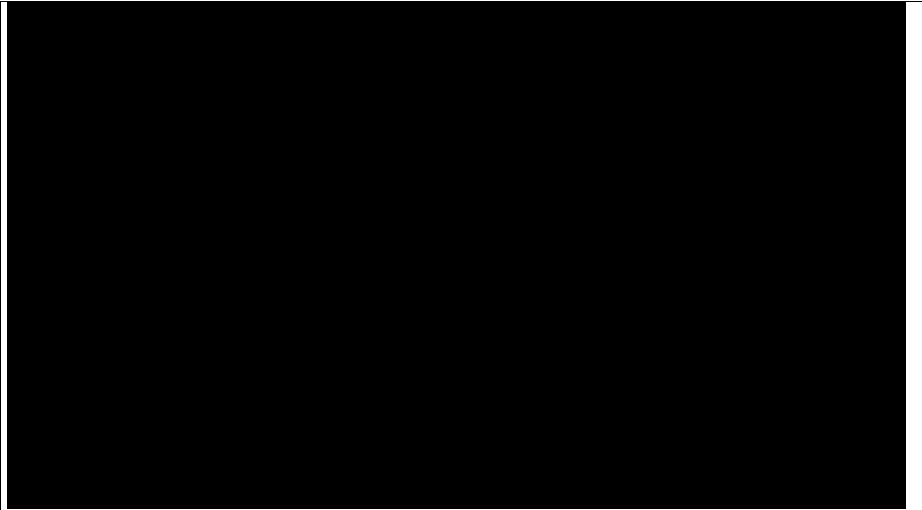
3.2 Capture Capacity will be evaluated using the following scoring methodology:

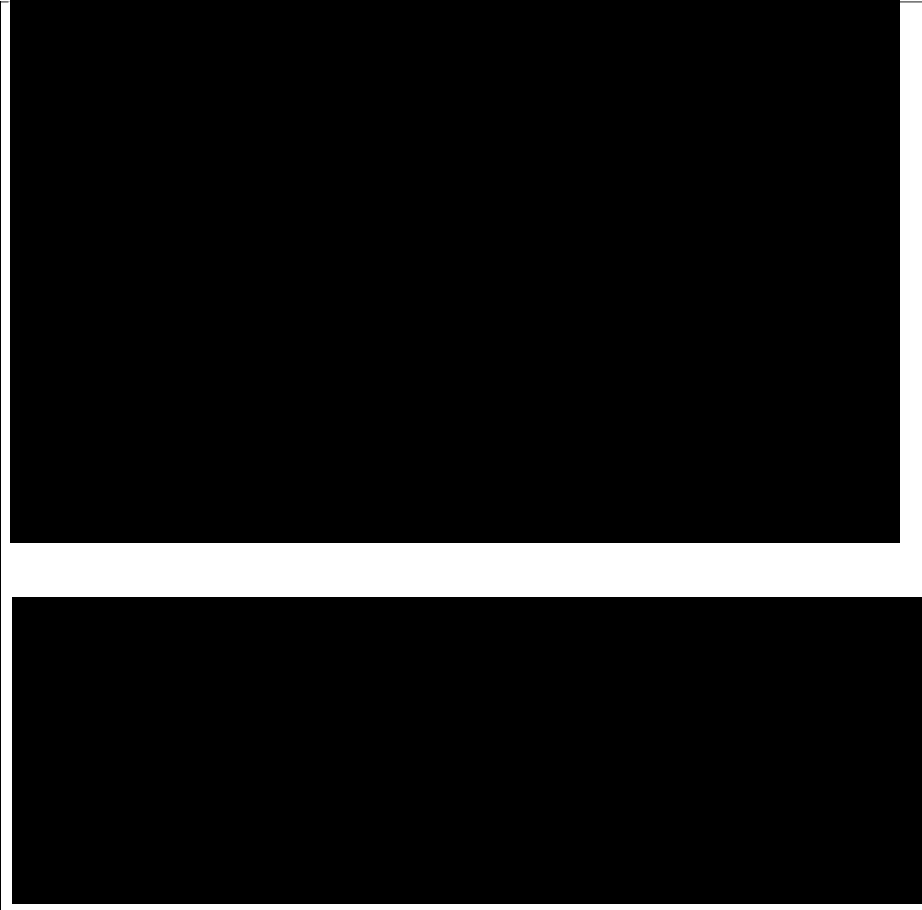
3.3 The Participant identified as able to provide the overall highest maximum capture per chargeable day shall be awarded 100% of the marks available. Other participants will receive a percentage of the marks available on a pro-rata basis, which will be calculated as follows:

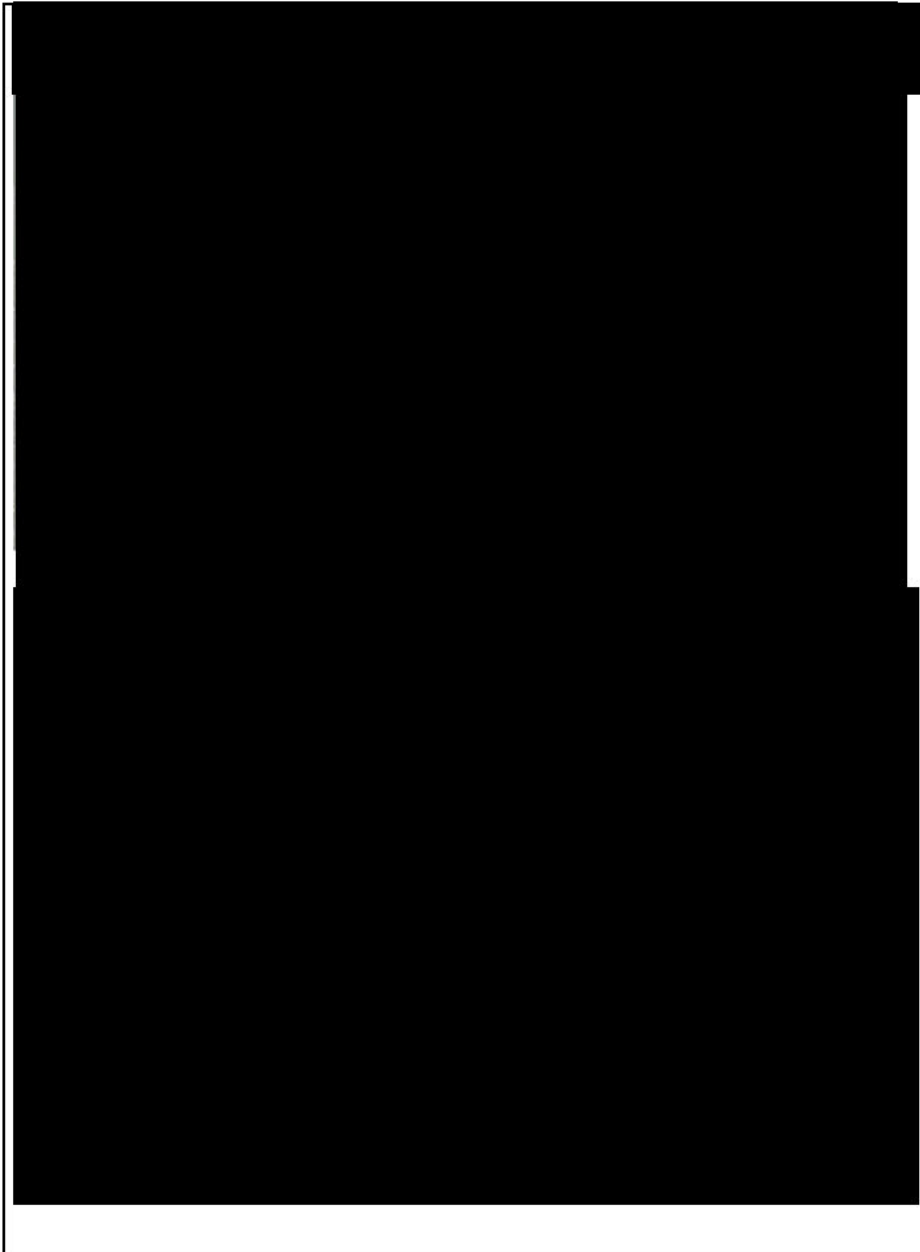
3.4 $(\text{Highest maximum capture per chargeable day} \div \text{Participants maximum capture per chargeable day}) \times \text{Marks available} = \text{the Participants Weighted Score}$

[Redacted content]

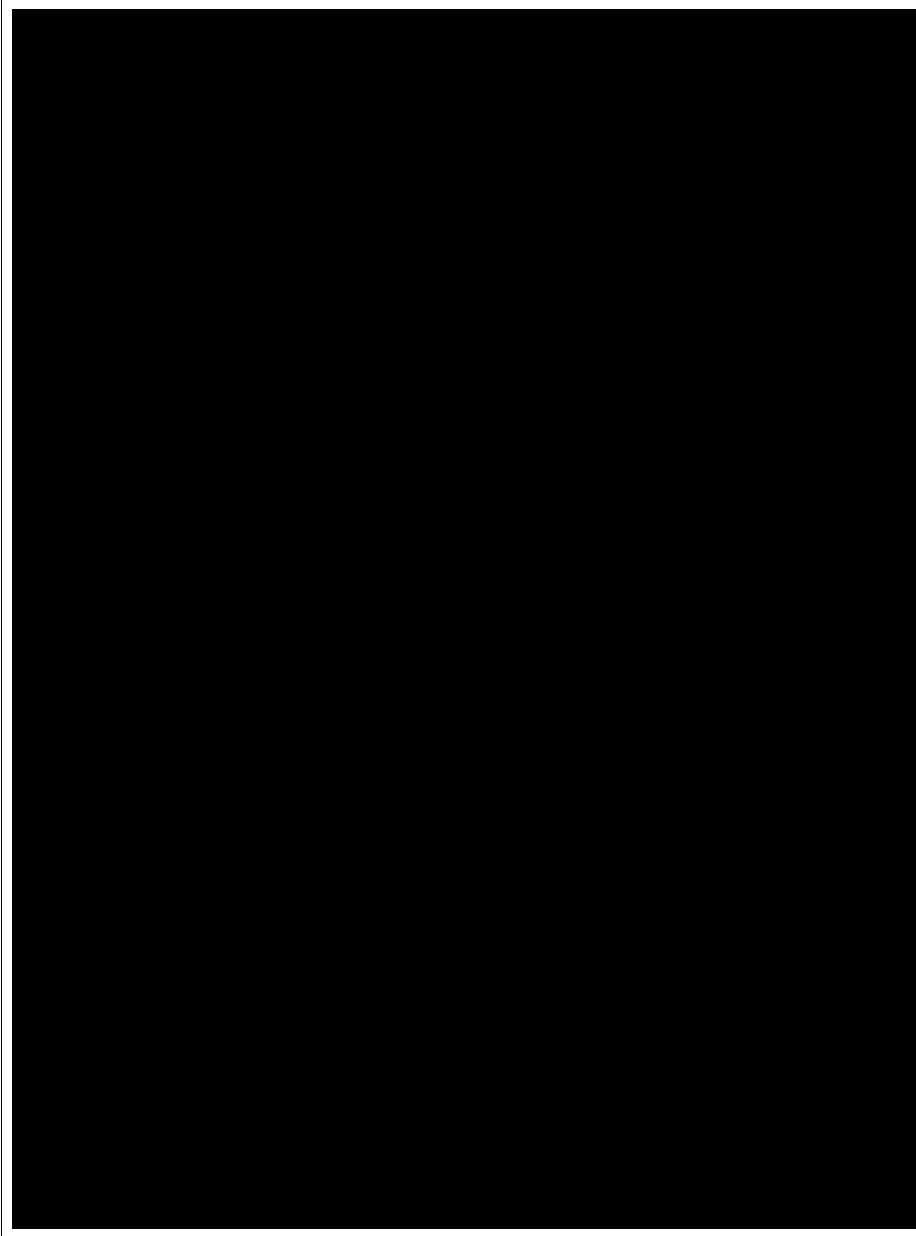


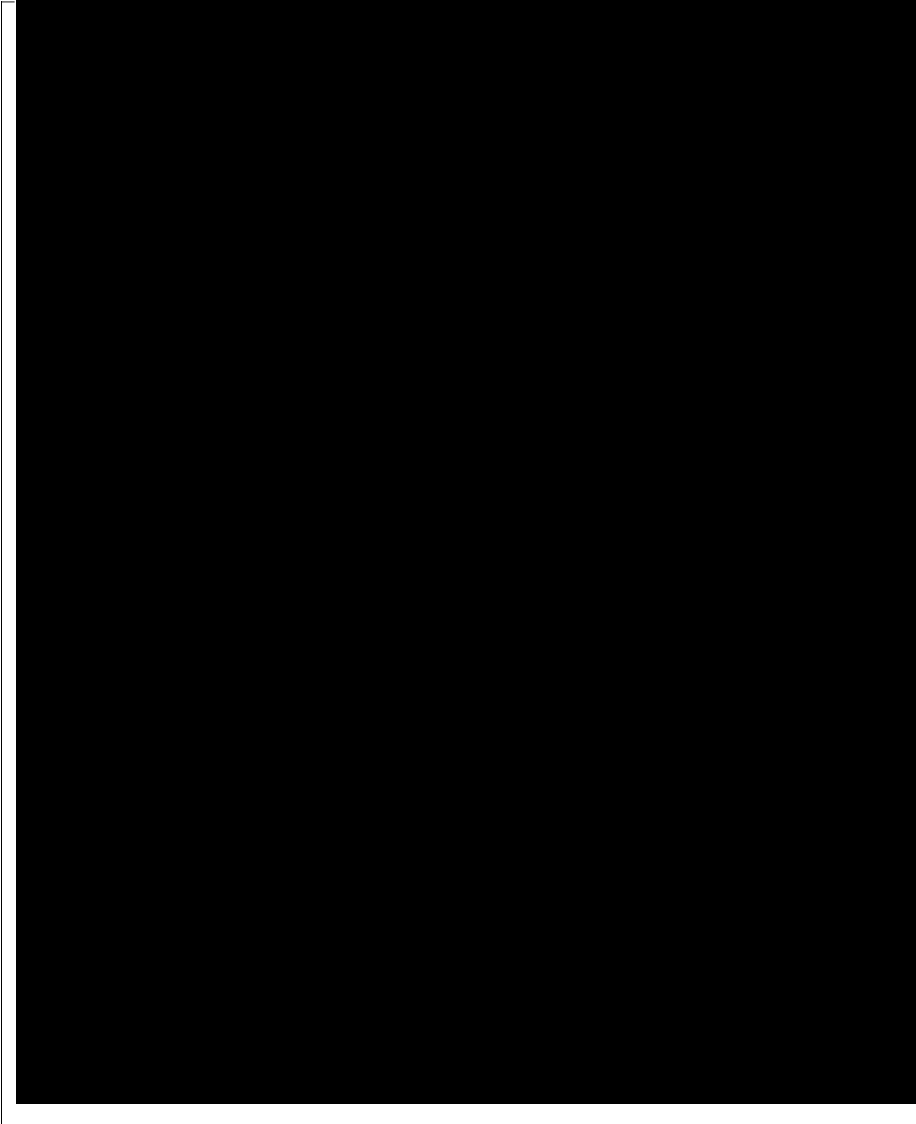












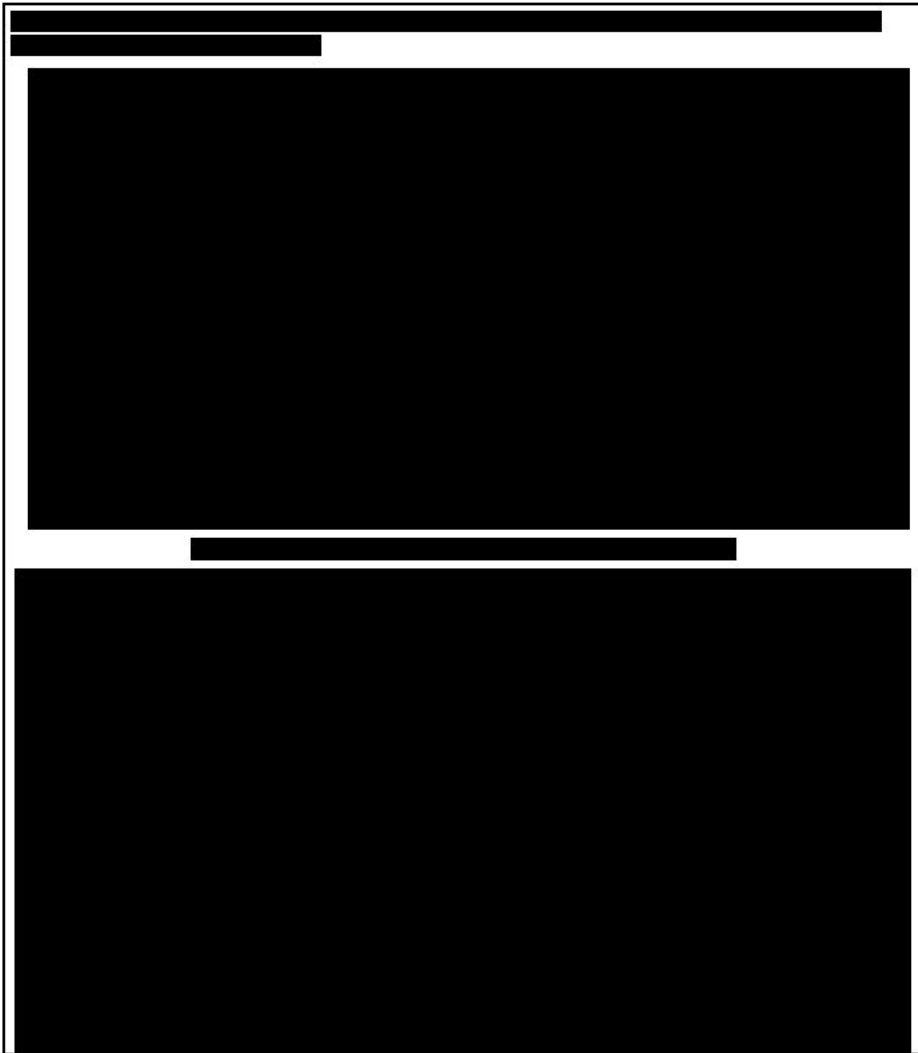
You may be asked to provide evidence of this should you be successful at tender.

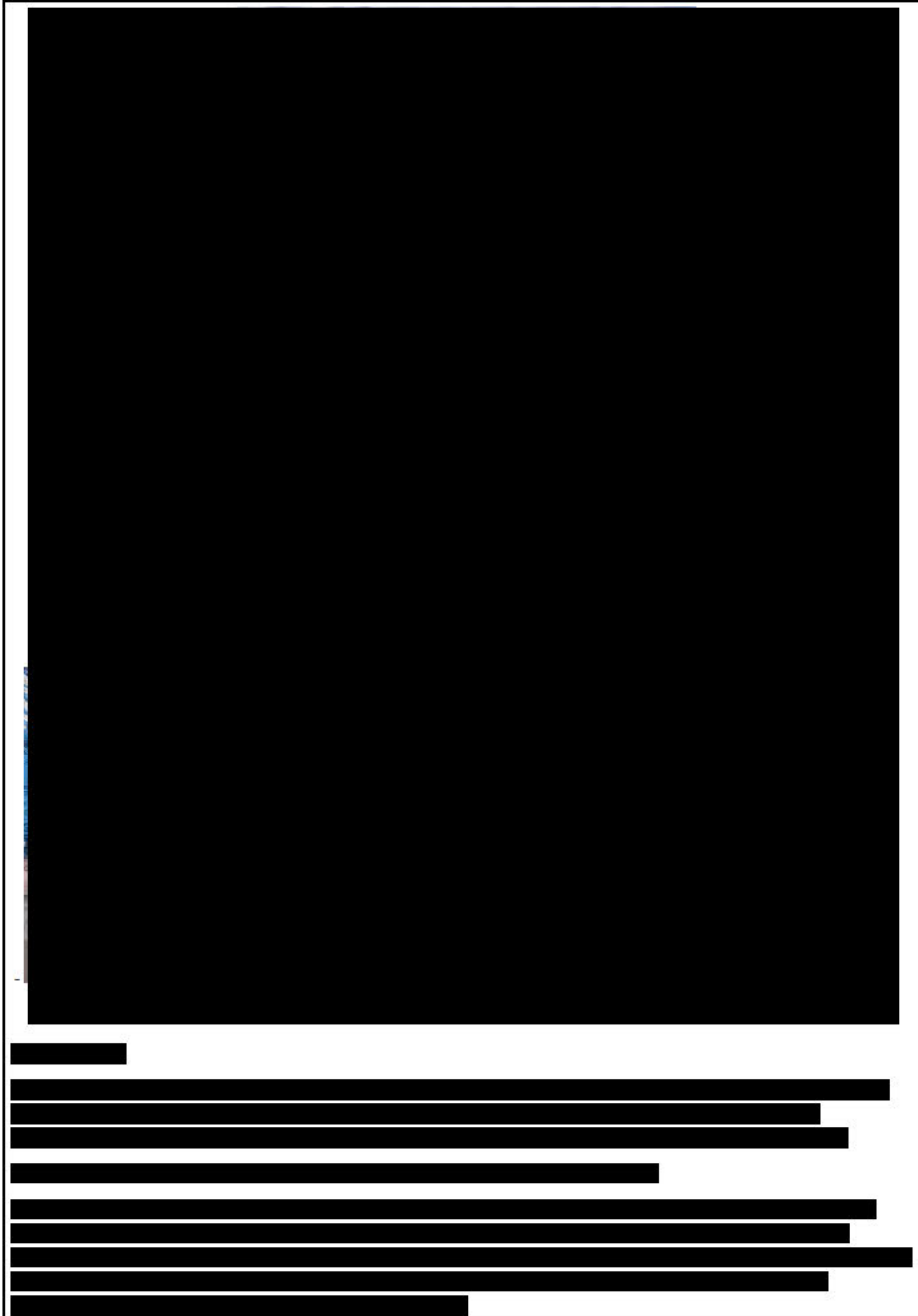
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4 Additional Services

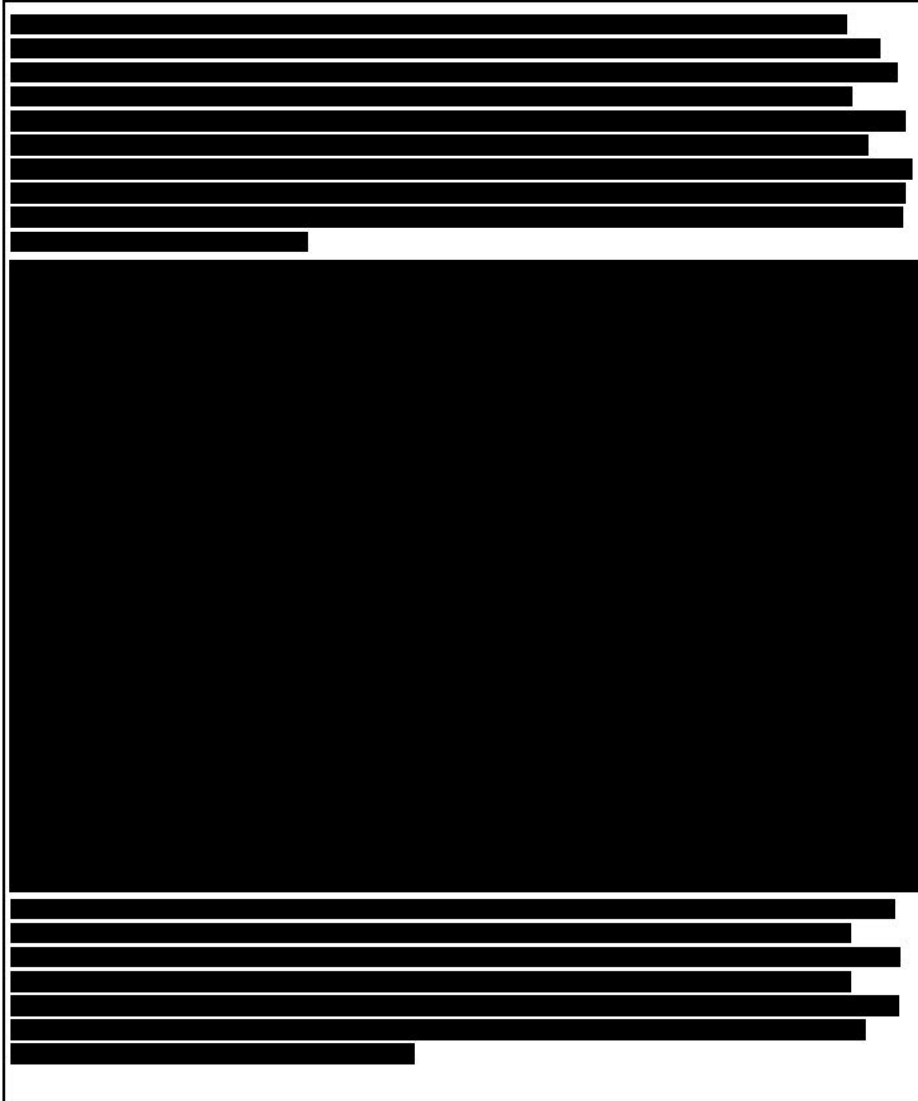
4.1 [Participant to describe any alternative acquisition/data capability you can leverage.]:

[Redacted content]





[REDACTED]



You may be asked to provide evidence of this should you be successful at tender.

FOR INFORMATION ONLY

Capability Test

- 4.2 Participant's capability test data shall not be evaluated by OS if responses to any of the abovementioned requirements deemed to FAIL (for example, the Participant is unable to provide an Operational Authorisation document).

10%

Case Studies

The Participant must provide a completed tidal project that meets Ordnance Survey's requirements as described in the UAV Data Acquisition Deliverables document, at their own expense. For clarity, completed means fully processed: data acquired, GCPs captured, imagery processed, bundle adjustment completed.

The data can be an existing project but must have been captured in 2022/23, or some data flown specifically for this tender exercise to demonstrate capability, again during 2022/23. The data must be delivered as described in the UAV Data Acquisition Deliverables document for evaluation purposes.

The Participant must provide two case studies where they have undertaken activity which demonstrates capability in the following areas of interest:

- The delivery of remote sensed project undertaken within the last two years with requirements and deliverables which are comparable to those specified in the Statements of Requirements and UAV Data Acquisition Deliverables document.
- Participant must demonstrate how the risks were managed and the requirement fulfilled.
- Participant must detail and include evidence of the technology, methodology and processes used to deliver the project requirements.
- The case study should include referee/contact details as OS may take up references for clarification purposes.

5%