



# Clear Water Systems Ltd - Phase 1 - Autonomous Surface Vessel (ASV) - AlgaeShark

in "Lough Neagh : Blue Green Algae"



## 1. Application

The following supporting information was supplied by the challenge manager:

**IMPORTANT:** Before completing this application form, please read the accompanying documents including Project brief and Draft Contract. These can be found at the bottom of the challenge page.

If you would like to add a collaborator to work on the idea, please click 'Add Collaborator' on the left of the screen and add a collaborator.

### Project Title

Please provide the title for the project. This should be both clearly descriptive and concise. It should contain keywords relevant to the project.

Clear Water Systems Ltd - Phase 1 - Autonomous Surface Vessel (ASV) - AlgaeShark

### Contract Duration (months)

6

### Total Budget Exclusive of VAT (£)

Guidance:

> This will be the total for the relevant Phase of the project. Requests for amounts that exceed this budget will be rejected.

[Redacted]

## 2. Company Details

### Clear Water Systems Limited

- **Website:** clearwatersystems.co.uk
- **Address:** Concourse 1, Unit 9, Queens Road,, Queens Island, ,Belfast,GB,BT3 9DT
- **Phone number:** [Redacted]
- **Company size:** Micro <10 Employees
- **Company status:** Start up < 1 year

- **Company type:** Private Sector

**Company number:** [REDACTED]

**VAT number:** [REDACTED]

Clear Water Systems Limited is a company that specializes in providing water treatment solutions services for detection, management and reduction of blue green algae in lakes and inland water ways

**Primary contact details**

- **Full name:** [REDACTED]
- **Email:** [REDACTED]
- **Phone number:** [REDACTED]
- **Job title:** [REDACTED]

### 3. Proposed Idea/Technology [20%]

Please explain clearly how your proposed solution meets the requirements of the Brief, given your understanding of the needs [20%]

Guidance:

> Avoiding the use of unnecessary technical jargon, describe clearly how the proposed project will deliver the outcomes as described in the competition documentation. Please provide a structured summary of the technical basis of the project. This should outline the background to the technology, including what the innovation is, and the key deliverables. This would typically involve highlighting the research and development that will prove the scientific and commercial merit of the project. Also describe what might be achieved by deploying the innovation to address the technical challenges.

• Note: For security, embedded links will expire on 16/04/2026 11:32.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[Redacted text block]

[Redacted text block]

Key deliverables:

■ [Redacted bullet point]

[Redacted text block]

■ [Redacted bullet point]

[Redacted text block]

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## 4. Current State of the Art & IP [20%]

Please explain how your solution is innovative [20%]

Guidance:

> Please explain how your solution is innovative and how innovative your concepts, approaches, methodologies, tools or technologies are for this area.

> This should include details of market analysis, and set out why this approach is innovative.

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[Redacted content]

[Redacted content]

[Redacted content]

[Redacted content]

[Redacted content]

[Redacted content]

**Advantages over existing technologies**

[Redacted text block]

1. [Redacted list item 1]
2. [Redacted list item 2]
3. [Redacted list item 3]
4. [Redacted list item 4]

**5. Project Plan & Methodology [30%]**

**Please explain your project plan [10%]**

Guidance:

- > Please explain how the project will be managed. Include reference to the project planning, financial submission, management and approach.
- > The proposal should set out the key deliverables and milestones in a project plan, with explanation as to how you will ensure they are achieved on target.

Note: For security, embedded links will expire on 16/04/2026 11:32.

[Redacted text block]

[Redacted text block]

## Project Aim and Objectives

[Redacted text block]

[Redacted text block]

[Redacted text block]

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## Key Project Milestones and Deliverables

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**Project Plan Upload**

Please upload your project plan.

Note: For security, this link will expire on 16/04/2026 11:32.

[Redacted] [xlsx](#)

**Please explain the project risks (e.g. financial, staffing or environmental risks) that have been identified and explain how the risk will be mitigated and managed [10%]**

Guidance:

> List risks and issues that you anticipate with this project and any activities you can undertake to reduce their impact on the successful outcome of your project.

> Think about them with the following headings; Project Management, Material, Resources, Staffing and Other. Scoring the risks in a Red, Amber, Green format (High, Medium and Low).

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# Project Risks and Mitigation Strategies

[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]

[Redacted]

**Risk Management Approach**

[Redacted]

**Please explain the approach you will adopt for governance and testing [10%]**

Guidance:

> Tenderers should also provide details in their response in relation to governance requirements including GDPR, Cyber security, AccessNI and any ethical approval/applications.

⋮ Note: For security, embedded links will expire on 16/04/2026 11:32.

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**6. Technical Team & Expertise [10%]**

**Please explain how you, the bidder, and any sub-contractor(s) have the right skills and experience to deliver the intended benefits [10%]**

Guidance:

> If you are intending to use sub-contractors please set out clearly how the respective roles of the team members.

⋮ Note: For security, embedded links will expire on 16/04/2026 11:32.

[Redacted text block]

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[Redacted]

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## 7. Application Finances

The following supporting information was supplied by the challenge manager:

Please set out your proposed budget for the project. This should include a breakdown of the costs by labour/other costs and a proposed payment schedule linked to the proposed milestones/deliverables set out in your project plan section 5.

Download, complete and upload the following costs and milestones template.

[Costs-Milestones-Template.xlsx](#)

### Costs & Milestones

Please upload your completed costs and milestones template.

Note: For security, this link will expire on 16/04/2026 11:32.

[Redacted] [.xlsx](#)

## 8. Commercial Potential [20%]

**Please explain how you intend to ensure that your proposed solution will have commercial potential [20%]**

Guidance:

> Please explain how you intend to ensure that your proposed solution will have commercial potential, and how you intend to develop this to be a marketable product, process or service for Northern Ireland and wider markets.

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[Redacted]

[Redacted]

[Redacted]

### Service and Revenue Models:

[Redacted]

[Redacted]

[Redacted]

[Redacted]

### Market Development Strategy:

[Redacted]

[Redacted]

[Redacted]

[REDACTED]

## 9. Declaration

**I hereby confirm that I fully comply with the declaration as stated below (please select one)**

By applying, the lead applicant is consenting to the terms and conditions of the draft contract as set out in competition document SBRI Sample Contract.

The lead applicant is expected to have discussed the application within their own organisation and any other body whose co-operation will be required to deliver the project.

The lead applicant will need to obtain consent from an authorised officer or appropriate signatory who will sign the contract if successful. The contract is a legally binding document and subject to the outcome of this competition.

By submitting this application you acknowledge that you have read the statement above, that the information given in this application is complete and that you are actively engaged in this project and responsible for its overall management and agree to administer the award if made.

You are also confirming that you have read and understood the relevant explanatory materials.



Accept