



Standard Contract for Goods and/or Services - Order Form

1. Purchase Order Number	Share Services Connected Limited will issue you with an electronic purchase order number	
2. Customer	Natural England Lateral 8 City Walk Leeds West Yorkshire LS11 9AT	
3. Contractor(s)	Axion Solutions LTD 71-75 Shelton Street Covent Garden London UK WC2H 9JQ	
4. Defra Group Members	The following Defra Group members will receive the benefit of the Deliverables: Natural England	
5. The Agreement	<p>This Order is part of the Agreement and is subject to the terms and conditions referenced at Appendix 1 and shall come into effect on the Start Date.</p> <p>Unless the context otherwise requires, capitalised expressions used in this Order have the same meanings as in the terms and conditions.</p> <p>The following documents are incorporated into the Agreement. If there is any conflict, the following order of precedence applies (in descending order):</p> <ul style="list-style-type: none">a) this Order;b) the terms and conditions at Appendix 1; andc) the remaining Appendices (if any) in equal order of precedence.	
6. Deliverables	Applicable Deliverables	Goods Only: <input type="checkbox"/> Services Only: <input checked="" type="checkbox"/> Good and Services: <input type="checkbox"/>
	Goods	None.
	Services	Description: as set out in Appendix 2 - specification
7. Start Date	11 th November 2024	
8. Expiry Date	31 st March 2025	

9. Charges	The Charges for the Goods and/or Services shall be as set out in Appendix 3 – Charges. The Charges are fixed for the duration of the Agreement.		
10. Payment	Payments will be made to the supplier using the standard SSCL process.		
11. Contractor's Liability Cap (Clause 13.2.1)	A sum equal to £5,000,000		
12. Customer's Authorised Representative(s)	For general liaison your contact will continue to be Redacted under FOIA Section 40 Personal Information		
13. Contractor's Authorised Representative	For general liaison your contact will continue to be Redacted under FOIA Section 40 Personal Information		
14. Optional Intellectual Property Rights ("IPR") Clauses	The Customer has chosen Option B in respect of intellectual property rights provisions for the Agreement as set out in the terms and conditions.		
15. Progress Meetings and Progress Reports	<p>A Project Steering Group of Natural England and successful contractor representatives will be established at start of contract to oversee project delivery. It is anticipated project progress meetings will be held monthly (by Teams) from the initial project inception meeting.</p> <ul style="list-style-type: none"> The Contractor shall attend progress meetings with the Customer every month The Contractor shall provide the Customer with progress reports every month 		
16. Address for notices	Customer:	Contractor:	Redacted under FOIA Section 40 Personal Information
17. Key Personnel of the Contractor	Key Personnel Role:	Key Personnel Name:	Contact Details:
	Redacted under FOIA Section 40 Personal Information		
18. Procedures and Policies			
19. Special Terms	N/A		
20. Additional Insurance	N/A		

21. Further Data Protection Provisions	The further data protection provisions contained within Annex 4 of the terms and conditions are applicable to this Agreement where indicated below: Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>
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Signed for and on behalf of the Customer	Signed for and on behalf of the Contractor
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Redacted under FOIA Section 40 Personal Information

Appendix 1: Terms and Conditions

The Customer's Standard Good & Services Terms and Conditions which can be located on the [Natural England Website](#) and which are called 'Standard Goods & Services Terms and Conditions'

Appendix 2: Specification/Description

An Earth Observation based approach to developing Urban Habitat and Naturalness Maps was developed during 2021/22 and further refined during 2022/23 which included the upscaling of application of the method to a small selection of major urban conurbations in England (Tyneside, Greater Manchester, Greater Birmingham).

In upscaling (known as the Phase 1 roll out), the Urban Habitat and Naturalness method was refined to a point where it is intended that no further refinements will be made (see exceptions below) so as to ensure that a suite of maps for all the major urban conurbations in England can be developed with a consistent method underpinning their development.

Subsequent phases of work (Rollout Phases 2 and 3) resulted in some minor modifications but the overall approach remains essentially as developed by the end of Phase 1.

An overview of Urban Habitat and Naturalness Mapping and the essential process steps is set out in **Annex 6** - Urban Habitat and Naturalness Mapping - Briefing.

A detailed explanation of the Urban Habitat method is set out in **Annex 5**. Please note that the “Naturalness” aspect of the approach is NOT part of the scope of this project and the project will focus on the Urban Habitat Mapping Method only.

Natural England now undertake a review of experience gained applying the Urban Habitat Mapping approach over the last 3 years and update the approach based on experience gained and to identify options for improvement, including those offered by any recent developments in data availability and/or software developments.

This project will essentially comprise 4 core tasks;

Work with 6 stakeholders (representing the areas for which Pilot and Phase 1 data are available from Natural England – contacts will be provided by Natural England at the start of the project) to gain feedback on the data. This will involve participating stakeholders being provided with their data (under license from and by Natural England) and a process being run to gather their feedback on the quality, usability and structure of the data.

Undertake a detailed methodological review and develop proposals for how a “next iteration” Urban Habitat Method can be developed. This will include establishing options for improvement relating to data used to create the maps, approaches to processing the data and potential software changes.

Run a test for one location (this will be somewhere that is covered by Phase 1 data, probably at district level and to be agreed at commencement of the project). This will involve creating a new Urban Habitat map for the selected location using the agreed modifications for the proposed “iteration 2” of the mapping approach.

Undertake a statistical and accuracy (confusion assessment) review of the outputs of the test “iteration 2” in comparison the existing Phase 1 data for the selected location to identify the impact of the methodological changes.

Timetable.

The project is anticipated to begin in early November 2024 with a target outputs delivery date of 31st March 2025. A detailed timeline is set out in the Request for Quote.

NE Version 1.0

Requirement

Tasks.

Task 1. Stakeholder engagement and feedback.

Natural England will provide contacts (up to 6) for the Pilot and Phase 1 mapping locations. This task will provide the contacts with their Urban Habitat Data (this will be done by Natural England) and the project will seek user feedback and suggestions for the stakeholders regarding their views on the maps and potential for improvements.

Task 2. Methodological review and identification of amendments.

Following stakeholder feedback, proposals should be developed for how the existing Urban Habitat Mapping method could be enhanced, improved, simplified and / or speeded up (in terms of processing times). Options and proposals will be discussed with the Project Steering Group and an agreed set of modifications developed for taking forward to the next task.

Task 3. New method test application.

For a selected location (likely to be a Local Authority district area already covered by Phase 1 data (and therefore not a Pilot location), the agreed new approach (Iteration 2) will be applied to develop a “second generation” Urban Habitat map for that location.

Task 4. Comparative assessment of “New test application” with existing Phase 1 Urban Habitat Mapping data.

An analysis of the impact of the “iteration 2” method as compared to the existing Urban Habitat data for the selected test location will assess the impact of the methodological modifications of the data generated. This will involve impacts on accuracy and confusion characteristics at both Broad and Detailed Habitat level, and processing times and requirements involved in delivering the “iteration 2” Urban Habitat maps.

Task 5. Outputs and reporting.

The following outputs will be required;

- A detailed report setting out the results from tasks 1 to 2 will be required.

- A new “Iteration 2” Urban Habitat map data for the selected location for task 3, including accuracy assessment / confusion matrix. Data provided should be compatible with ArcPro GIS.

- A new “User Guide” for delivering “iteration 2” Urban Habitat Maps. This should be a step by step technical guide to generating the Urban Habitat maps using the agreed “Iteration 2” approach within the selected software environment.

- A report detailing the results of the comparative review.

- Copies of any codes used (example use of “R”).

Data requirements.

Data used for the Phase 1 (and later) Urban Habitat Mapping are listed in **Annex 6**. Please note that data that is not Open Government License will be provided to the successful contractor under PSGA Contractor License terms and conditions once the contract is live.

Sustainability

Natural England protects and improves the environment and is committed to reducing the sustainability impacts of its activities directly and through its supply chains. We expect the Contractor to share this commitment and adopt a sound, proactive sustainable approach in keeping with the 25 yr environmental plan/our commitments compliant with all applicable legislation. This includes understanding and reducing direct and indirect sustainability impacts and realising opportunities, including but not restricted to; resilience to climate change, reducing greenhouse gas emissions, water use and quality, biosecurity, resource efficiency and waste, reducing the risk of pollution, biodiversity, modern slavery and equality, diversity & inclusion, negative community impacts.

As a delivery partner, the successful contractor is expected to pursue sustainability in their operations, thereby ensuring the Contracting Authority is not contracting with a supplier whose operational outputs run contrary to the Contracting Authority’s objectives. The successful contractor will need to approach the project with a focus on the entire life cycle of the project.

Outputs and Contract Management

The project is anticipated to begin in early November 2024 with a target outputs delivery date of 31st March 2025.

Action	Date
Date of issue RFQ	30/09/2024
Deadline for clarifications questions	14/10/2024
Deadline for receipt of quotation	28/10/2024
Intended date of contract award	04/11/2024
Intended contract start date	11/11/2024

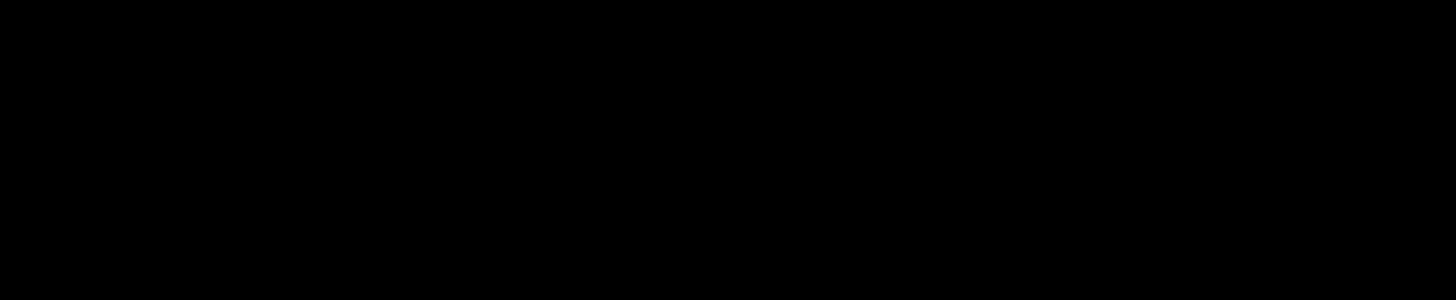
Martin Moss will be the Natural England Contract Manager for this project.

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Appendix 3: Charges

Description of Tasks	Cost per Task	No of products	Total Cost per Task
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Total Overall Cost (ex.VAT)	£11,423.73
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