**Data Analysis of Wellbeing and Nature Connection data**

**Clarification Questions**

**Q1 Has data already been collected or is part of this informing the development of the collection tool itself?**

A1 Data is being collected through this financial year April 2023 – March 2024 from around 30 projects of various sizes. Analysis will be on this data.

**Q2 How many participants are there?**

A2 The number of participants for each project will vary from around 5 to 40. It is anticipated that there will be around 30 projects. Total number of participants is estimated at 300-400 for analysis. There will be some initial checking of data by Natural England but the analysis will include cleaning of data.

**Q3 Will all the pre and post surveys be matched?**

A3 The pre and post surveys are matched by a unique reference. We anticipate there will be some unmatched pre and post surveys due to errors. There is also a feedback only survey that will gather demographic and baseline data.

**Q4 To what extent is there interest in comparing the outcomes of the different programs to each other**?

A4The analysis of project data will require the development of a typology in consultation with the project team. Through the analysis we are interested in understanding how to best reach our target groups and which activities are most effective in contributing to increased wellbeing or nature connectedness.

**Q5 Is the data** **primarily quantitative or are there are any supplementary qualitative components as well?**

A5 The data for analysis is quantitative. There are some open-ended questions in the surveys and these are intended to provide some feedback data to inform learning and design of future delivery. This is not a required part of the analysis.

**Q6 What do you mean by “typology” when you say "develop a typology based on the detailed data in consultation with the project team"?**

A6 The requirement is to use the data collected from the projects information form to create a classification and categorisation of projects that allow some comparisons of output and outcome data between similar projects.The project team may be able to provide additional data to aid this process.

Q7 **As per the scope of work under Deliverables 1 & 2 mentioned in the RFQ, does the data analysis & interpretation include deliverables only in the form of reports, presentations and Typology development? (or) would there be creation of Power BI dashboard reports with key insights as well? Please elaborate on the Typology development requirements.**

A7 Deliverables required are a report and presentation on the data analysis and interpretation. Recommendations on the potential of the tool for further development would be welcomed. There is no requirement for a dashboard as the tool has its own. Please see A6 for clarification on the typology.

**Q8 As per the scope of work under Deliverable 2, what is the expected output format for the recommendations on interpreted data (reports, PPTs, etc.)? What type of National Benchmarking is expected as part of the interpretation (in addition to using the measures provided as per the survey templates such as ONS4, INS, NCI etc.)?**

A8 A report and presentation are required for deliverable 2. National benchmarking is only required for the validated measures in the survey which are the ONS4, INS and NCI.

**Q9 As per the internal process, the reports and presentations would be shared for peer review. What are the expected outcomes out of this and how would that be used for further analysis?**

A9 This is for quality assurance purposes and a procedure for if we wish to publish the report.

**Q10 We don’t have any prior experience, domain knowledge and expertise working on projects/contracts with Nature connection scopes in relevance to this. We are a data analytics service provider having ML modelling and data visualization capabilities with a dedicated research team to explore wider areas. Are we still eligible to bid for this RFQ?**

A10 You will need to demonstrate that you have access to someone who can offer suitable insight and expertise in the research area of Nature Connection.

**Q11 Does Natural England expect the data analysis & recommendation reports to be published as an academic paper (or) is this required at a later point of time in the future? Would that require a resource with the relevant domain expertise & specific research skills?**

A11 It is not a requirement for this report to be published as an academic paper but we would be open to this being written up as an academic paper for peer review and future publication.

**Q12 Based on the overall RFQ scopes, Does Natural England have any specific preference to the knowledge areas, domain expertise, skills required from the supplier for the data analysis?**

A12 Established methodologies for data analysis should be used with a clear justification for the chosen approach. A clear understanding of Natural England’s requirement and knowledge and experience in the research area of Nature Connection are required.

**Q13 As an overall requirement, Is the supplier expected to support the Natural England team only as a research consultant (or) include technical implementation work such as potential survey tool enhancements along with PowerBI report customization as well?**

A13 This contract is for a suitable supplier to carry out data analysis and make recommendations for the potential of the tool. There is no requirement for applying changes to the tool or dashboard.

**Q14 Does the data analysis work include any statistical analysis (or) predictive/prescriptive modelling scopes from a machine learning perspective? Does Natural England have a plan to leverage existing historical datasets for prediction scopes?**

A14 Suppliers are asked to propose the most suitable data analysis methodologies based on the information supplied about the monitoring tool with a justification for this selection.

**Q15 In addition to the datasets mentioned in RFQ, are there other datasets that the supplier might have to consume for potential PowerBI development (If required as a part of the scope)?**

A15 There is no requirement for development of a PowerBI dashboard.

**Q16 Are all the datasets expected to be standalone excel files and survey template pdfs? Would the supplier be expected to fetch data from the internal data warehouse / database as well?**

A16 The raw data will be supplied in excel files and the survey templates will also be provided.

**Q17 Are there any requirements for data engineering/data migration/ETL tasks (if applicable)?**

A17 There are no requirements for the above.

**Q18 How is this RFQ budget £15,200 allocated to the deliverables? Please provide a tentative breakdown for individual outputs required. (optional)**

A18 Suppliers are required to submit a quotation with a breakdown of costs to complete this work.

**Q19 Is there any onsite support/presentation and Travel requirement for the RFQ deliverables?**

A18 There is no onsite support required. All work can be completed online.