

Quotation Opportunity

Title: GO-EV Telemetry Development

Date of Issue: 21/2/2023 Issue No: 1

Deadline Date: 07/3/2023 Deadline Time: 16:00

Contact: Keith Grossett Variants Bids Accepted: **No**

Email: procurement@scilly.gov.uk

Requirement

Type: Services

Number of providers to be appointed: 1

Short Description: The Council of the Isles of Scilly is seeking a suitably experienced consultant or agency to carry out and test enhancements to our open source in-vehicle-telemetry system for the GO-EV car share project. This will encompass updating PCB designs, device firmware and case design.

Additional Documentation/Specification Attached: Yes

Please see additional detailed specification of required outputs including background information to the project.

Duration of Contract (if applicable): The outputs should be delivered by 31st May 2023

Key Performance Indicators/Measures of Success: See below table

|  |  |  |  |
| --- | --- | --- | --- |
| Type | Description | Measure of Success | Achievement Date |
| Output | Intermediate test/release candidate PCB production as required (at supplier’s expense) to verify and demonstrate functionality of the system | Successful demonstration | 31 May 2023 |
| Output | Preparation of all necessary files for final version PCB production and assistance to customer in submitting the final production PCB order | Files provided | 31 May 2023 |

Response

In completing your quotation please provide the following:

1. A completed copy of the EoI Form (in the quotation pack) to procurement@scilly.gov.uk

2. A written response to the following quality criteria below:

Quality Criteria 40%

**QC 1:** Outline your ability to meet each of the outputs described in the specification. **Value** **20%** **Limit:** **1 1/2 A4 side**

**QC 2:** Experience developing low-power-budget embedded firmware with FreeRTOS. **Value** **5%** **Limit:** **2 paragraphs**

**QC 3:** Experience designing PCBs and preparing them for production. **Value** **5%** **Limit:** **2 paragraphs**

**QC 4:** Experience contributing to Open Source software/firmware/hardware projects. **Value** **5%** **Limit:** **2 paragraphs**

**QC 5:** Experience working with electric vehicle CAN bus systems including reverse engineering telemetry data from vehicle CAN dumps  **Value** **5%** **Limit:** **2 paragraphs**

3. A price for delivering the Works Please set out your price in the following layout.

Price Criteria 60%

|  |  |
| --- | --- |
| Description | Cost (£) |
| Total |  |

\*Please note that only the Total Price is evaluated and that any breakdown is purely for budgetary/information purposes

4. The following information (required by the Authority to undertake due diligence checks).

* Full company name and registered/main address
* Company Registration Number
* VAT number (if applicable)
* A signed declaration by a director (or equivalent) of the company recognising that you are willing to be bound by the terms and conditions of this quote (see enclosed Terms & Conditions)
* A signed declaration that you have not been convicted of any of the offenses stated in Regulation 23 of the Public Contract Regulations 2006 and any amendment (see condition 16 and the declaration section of the terms and conditions)
* References - Not Used

All submissions are to be submitted in PDF format via email to the above named contact by the deadline date stated on page 1 of this form. Submissions should be written in Arial 11, be single line spaced and be submitted in English. Quotations are expected to be held for 2 months from the deadline date. The Council reserves the right to conduct a search with a credit reference agency to determine the financial status of the preferred bidder.

Award

Submissions will be assessed on the basis of the most economically advantageous quotation approach whereby both the quality and the price of the submission will be reviewed to determine the best overall offer. The evaluation team will consist of 2 people who will individually score the quality submission before coming to a consensus decision taking into account the perspectives of the evaluation team members. Price scores are determined by a formula.

 Quality Criteria

Each of the criteria identified on page 2 of this form will be evaluated using the scoring system below with these percentages multiplied by the maximum score achievable for each question.

|  |  |
| --- | --- |
| Assessment | Score |
| Very Poor – Submission fails to demonstrate the required understanding/knowledge/information requested  | 1 |
| Poor – Submission provides limited evidence of meeting the projects objectives, aims or the requirements of the Council. | 2 |
| Satisfactory – Submission demonstrates an adequate understanding of the project and/or the requirements of the Council | 3 |
| Good – Submission demonstrates considerable evidence of meeting or exceeding the project objectives, aims or requirements of the Council.  | 4 |
| Very Good – Submission demonstrates clear evidence of significantly exceeding the project objectives, aims or requirements of the Council | 5 |

**Sample calculation** – If the overall quality criterion is 60% and quality criteria 1 (QC 1) is 5%, the maximum achievable score for QC1 is 3%. If the evaluators score the response to this question at 40% (lower satisfactory) then the contractor would be awarded 1.2% of the 3% available. Or (60 x5%) x 40% = 1.2%

Once each of the quality criteria have been assessed using the above scoring mechanism, the individual quality criteria scores will be summed to provide the overall quality score.

Price Criteria

The price scores are evaluated by assessing each of the submissions relative to the mean average of all the price submissions received. The mean average constitutes the middle point at which 50% of the total marks would be awarded. Prices that are greater than the mean receive lower price scores and prices that are lower than the mean receive higher percentage scores. These percentage scores are then multiplied by the weighting for the Price Criteria to give the overall price score.

**Sample calculation** – two submissions are received with a mean average price of £137.50. Submission A has a price of £100 whilst submission B has a price of £175. Submission A’s price score is calculated as 137.5/100 x 50 = 68.75 and submission B’s price score is calculated as 137.5/175 x 50 = 39.28. Both of these amounts are then weighted by the Price Criteria %. Assuming a 40% Price Criteria Submission A’s weighted score is 27.50% and Submission B’s is 15.71%.

Overall Score

The overall score for the submission is determined by summing the overall quality score with the overall price score. For clarity, the contract will be awarded to the submission that has the highest overall score.