

Invitation to Tender Software Architecture Consultancy

This project is partly funded by the European Regional Development

Introduction

Cloud Enterprise is a high growth software company that is making an investment into an innovative product for the renewable energies market. The technology stems from research into artificial intelligence for the purpose of modelling return on investment in renewable energy installations. Cloud Enterprise is aiming to utilise this technology in a new product delivered via a subscription model .

Requirements

This is an invitation to tender for specialist consultancy in the following areas.

Technical Scope

A deep dive into the technical components with full scope and review of the technology space to match the project needs. Collaborate with Cloud Enterprise to establish the technical framework that will underpin the productization plan. Inclusion of analysis into the commercial impact of the various technology choices.

Consultancy on Enterprise Software Architecture

Following a successful scope, devise a full architectural plan for the product. Report on findings and be able to explain the recommendations. Work to contain both the Enterprise level and future mobile applications into a single integrated plan.

Consultancy on heavy computation techniques to optimise core technology

Review of logic and create a plan to establish the computational need. Create an optimisation plan and to service the maximum number of customers with the lowest computational resource. Establish how the algorithms can be scaled up with the number of clients.

Consultancy on Hosting platform and Scalability

Examine the various hosting options including hybrids taking into account the architecture and the differing computational needs of the system. Create a plan for the hosting solution

including change actions against the various scenario models. Establish a hosting scalability plan.

Timescales and Budget

Suppliers to put forward timescales for delivery. Budget for the project may not exceed £50,000 GBP

Instructions to Suppliers

Open opportunity, fairness and diversity of ideas flow from the culture we have at Cloud Enterprise. The following instructions are designed to ensure that all tenders are provided with the same consideration. We love innovation, just try not to do it here!

The Important Rules

- 1) Tenders will be received up to the deadline. Late applications will not be considered.
- 2) Tenders will be considered and scored relative to the specification

Common Sense Rules

- 1) Pre-tender negotiations will not be entered into
- 2) Suppliers are responsible for any cost or expenses relating to the tender
- 3) Canvassing or offering inducements of any kind will immediately result in disqualification.
- 4) By issuing an invitation to tender, Cloud Enterprise is not bound to accept the lowest or any tender

Procurement Timetable

Date / Time	Activity
25 May 2018	Public call for tenders
08 Jun 2018 12:00	Deadline for submission of proposals
11 Jun 2018 – 14 Jun 2018	Internal review of applications
15 Jun 2018	Award of contract