



Request for Quotation

Software Consultant in Artificial Intelligence and Machine Learning

Background

Entire AI is a newly founded company building an Artificial Intelligence (AI) platform to gather information and distribute research in crucial science areas of pharmaceuticals, energy, and engineering. Our platform can capture and make sense of vast open literature sources and allow SMEs and big companies to build value in their information assets. Entire AI is based in the Liverpool region, building its team over the next 12 months with a product launch early next year. The founders of Entire AI have many years of scaling valuable companies with investments, offering enormous potential for Entire AI's exciting journey ahead.

Service Requirement

We are looking for an AI supplier to develop Artificial Intelligence, deep learning, Natural Language Programming (NLP) and data analysis visuals. To help us improve various business outcomes and drive innovation. The supplier will work alongside our multidisciplinary team, helping to shape our AI strategy and showcasing the potential for AI through early-stage platform solutions. It is an excellent opportunity for Entire AI to take advantage of emerging trends and technologies to a real-world difference. This contractual arrangement is to 31st May 2023, which would rely on working with Entire AI's founders. The service requirements are;

- The supplier can manage and direct research and development (R&D) with processes to meet the needs of Entire AI's strategy.
- Can understand Entire AI's aims, build cloud technologies, and how integrating AI capabilities can help create platform solutions for our client challenges under SaaS models.
- The supplier can lead cross-functional teams to identify and prioritise key areas of the partner's business where AI solutions can drive significant business benefits.
- The supplier can analyse and explain AI and machine learning (ML) solutions while setting and maintaining high ethical standards.
- Demonstratable ability to work with teams in front-end design and building on existing deep learning architecture.
- The supplier can advise on a broad range of technology, strategy, and policy issues associated with AI.
- Demonstrable ability in functional design, process design (including scenario design and flow mapping), prototyping, testing, training, and defining support procedures, working with advanced engineering teams and executive leadership.
- The supplier can document, and articulate solution architectures and lessons learned for each exploration and accelerated incubation.

- Demonstrable ability in ML, deep learning, TensorFlow, Python, NLP, Neo4J, C++, or equivalents.
- Must know program leadership, governance, and change enablement.
- Must know about REST API development, NoSQL design, RDBMS design and optimisations, or equivalents.
- Must have data visualisation programming.
- Demonstrable ability in building SaaS model systems in AI/ML for commercial scaleup.
- Demonstratable front-end design and implementation.
- Has demonstrable ability in STEM projects using AI/ML techniques.

Deliverable Timescale

Start Date:- March 2023; End Date:- 31st May 2023

Indicative Budget

£82,000

Evaluation Criteria

Quotations will be assessed and scored on the following criteria:

Quality/ Technical Merit (50%)

Supplier must demonstrate they have the technical and professional capability to deliver the requirement.

Delivery Timescale (20%)

Supplier must demonstrate they can deliver the requirement to timescales above.

Cost/Value for money (30%)

Does supplier offer value for money. This will not necessarily be the cheapest quote.

Scoring Methodology

4 Excellent	Proposal meets and in some places, exceeds the required standard
3 Good	Proposal meets required standard
2 Acceptable	Proposal meets the required standard in most respects, but is lacking or inconsistent in others
1 Poor	Proposal falls short of expected standard
0 Unacceptable	Completely or significantly fails to meet required standard or does not provide the relevant answer

Proposal Format

Proposals should demonstrate how they meet the requirement set out above and we ask that you provide examples of the types and range of consultancy work you can offer.

Deadline and Submission

Proposals are required by 27th March 2023 by Email at procurement@entireai.co.uk referencing TFG65Q

Date Published

17th March 2023

Conditions of Tender

- Please be aware that due to the relatively low indicative budget for this work (i.e. less than the current OJEU limits) there is no regulatory obligation for us to provide feedback if you are unsuccessful.
- We reserve the right to discontinue this tender process at any time and not award a contract.
- You will not be entitled to claim from us any costs or expenses which you may incur in preparing and/or submitting your Tender at any stage of this exercise. This applies whether or not your organisation is successful.

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