



Request for Quotation

Project: MIDS Microfluidic LoC device concept design and Strip prototype sample.

Background

*MIDS Medical Ltd (MML) has strong ambition to accelerate its growth and for this reason is working with Sci-Tech Daresbury as a partner in the **Liverpool City Region – New Markets 2 Programme** which is part funded through the **European Regional Development Fund (ERDF)**. This programme will part fund the work requested below and hence accelerate the impact arising for MML.*

MML design and develop Point of Care (POC) hand held devices using it's Magnetic Immunoassay Detection technology. MIDS Medical's is developing the next-generation nano magnetic medical immunoassay diagnostic technology. The patented MIDS technology is expected to enable handheld, inexpensive devices to reach levels of accuracy at the POC currently available only in large, slow and expensive central laboratory analyzers.

Why this work?

What is constraining growth of the company and why is this work needed?

The growth of the company depends on the development of this new Lab-On-Chip (LoC) device which will incorporate this new super-paramagnetic nano-particles detection system. A fully working prototype will significantly increase MML chances to attract big pharma companies and take this product to the next level. This device is a key item to ensure the success of this project and consequently MML growth.

Goal

What will be the outcome from this work?

By completing this work, MML will have a fully working prototype of this LoC microfluidic device which will demonstrate and prove the technology capability.

Ambition

What will be the strategic impact of the work?

This LoC device is a key element of this project and having a fully working prototype has a bigger impact on the project than developing the reader its self. The latter being a prosaic electronic is an important part of the product but doesn't prove MML technology and not its capability.



European Union

European Regional Development Fund



MML strategy is to prove the technology as early and as fast as possible to ensure more investment and produce the reader. This will enable the company commence sales and scale up the company.

Specification for Quotation

What is the detail of the exact requirements that need to be delivered?

- *Concept design for the Lab-On-Chip microfluidic strip and its holder based on MML specification and requirements*
- *Create 2D concept design work*
- *Create 3D CAD models of both components (strip and holder)*
- *Generate approved design data for prototyping*
- *Fabrication and prototyping samples*
- *Assemble parts and verify to requirements*

Deliverable Timescale

*Work has to be completed by **mid-September** to be on time for a full review and ready for demonstration/presentation to already identified partners and to other at upcoming trade show (Medica – mid Nov).*

Indicative Budget

We expect quotes to be up to, and no more than, £7,000 and draw your attention to the evaluation criteria below

Evaluation Criteria

Quotations will be assessed and scored on the following criteria:

Quality/Technical Merit (50%)

Assessment of the technical and professional capability that the potential supplier has to demonstrate that it can deliver the requirement.

Delivery Timescale (20%)

Can the supplier meet the timescales/deadline?

Cost/Value for Money (30%)

Is the price good value for money?

Scoring Methodology



European Union

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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 clearly demonstrate how they meet the requirement set out above.

Deadline and Submission

Proposals are required by **27-07-2017**

Proposals must be forwarded by email to:

Nasser.djennati@bioamd.com

Tel: 01925606471 Mob: 07989410548

Date Published:

20-07-2017

Response to questions arising from this RFQ:

All questions that are raised in regard to this RFQ and the relevant answers supplied will be published to all companies that have submitted quotations.

Date of Notification:

All applicants will be notified by email whether they are successful or not by **03-08-2017**