

## Project Specification

### Tender details – the opportunity

Company name	RAIQC Ltd
Company address	26 Staverton Road, Oxford, United Kingdom, OX2 6XJ
Description of company activity/SIC code	<p><b>Description:</b> Report and Image Quality Control (RAIQC) is a web-based clinical simulation platform designed to upskill medical image interpretation, leading to improved patient flow and outcomes.</p> <p><b>SIC code:</b> 86101 – Hospital Activities</p>
Objective of the proposed innovation project– this MUST involve activity that results in the development of or introduction to the market of a new product or service (max 300 words)	<p><b>Developing new educational content for web-based medical image interpretation training.</b></p> <p>Image interpretation training for healthcare professionals relies on a mixture of classroom-based, face-to-face learning, as well as on-the-job learning. However, this is a labour-intensive solution that is not easily scalable. The past year has shown the need for virtual / simulated solutions to enable healthcare professionals (in training) to upskill their image interpretation skills.</p> <p><b>Report and Image Quality Control</b> is a web-based clinical simulation platform developed by radiologists with a combined experience of over 50 years. It mimics real life clinical practice and allows training and assessment of user competence in the interpretation of medical imaging. The users interact with real-life cases, clicking on the abnormality and suggest a diagnosis. They are provided with feedback about their accuracy and speed, as well as an anonymous peer comparison.</p> <p>RAIQC is accessible from anywhere through a web-browser and hosts real-world diagnostic quality scans along with interactive teaching content such as slideshows, video lectures and case-based discussions curated by expert radiologists.</p>

	<p>Throughout this project, we wish to expand the library of content and training. This involves working with the RAIQC clinical team:</p> <ul style="list-style-type: none"> <li>- Liaising with subject matter experts to develop educational presentations (slides and videos) on a specific disease/topic.</li> <li>- Selecting patient cases (including medical images) and managing them in <i>Low, Medium, High</i> difficulties for training and assessment of RAIQC users.</li> <li>- Trialing the education content with the London and Oxford Schools of radiology to gather feedback.</li> </ul> <p>The objective of the project is to offer new/additional teaching, training and assessment packages to RAIQC users.</p>
<p>Company's current situation – existing project team and innovation project development stage (max 400 words)</p>	<p>RAIQC Ltd is a spinout company from Oxford University Hospitals and University of Oxford for the purposes of providing radiology education and training. In June 2020, it developed educational content for COVID-19, upskilling frontline clinicians to interpret medical images (X-rays &amp; CT scans) in identifying the presence and severity of COVID-19 infections.</p> <p>The company has also secured contracts with national organisations such as Health Education England or Prostate Cancer UK to develop additional content and assessment modules in the RAIQC platform in different areas, such as NG Tube placement or Prostate mpMRI reporting.</p> <p>Recently, the company finished developing educational content for Medical Schools and for Emergency Department non-radiology staff.</p> <p>Through the project, RAIQC Ltd will liaise with hospital partners to determine the most appropriate content to be developed, test the content and improve based on feedback received.</p>

	<p>RAIQC Team involved in this project:</p> <p>Dr Sarim Ather, CEO &amp; Co-founder</p> <p>Experience: Radiology Registrar at Oxford University Hospitals NHS Foundation Trust and Royal College of Radiologists Trainee Committee Executive.</p> <p>Role in Project: Primary contact person between stakeholders, project management</p> <p>Pete Aylward, Technical Lead</p> <p>Experience: Has designed, built and managed several digital healthcare products. He was the project manager, co-ordinating the clinical and technical teams.</p> <p>Role in project: manages technical development to fit the content, ensuring system maintenance and usability according to specification;</p> <p>Cosmin Mihaiu, Operations Lead</p> <p>Experience: Co-founded a medical technology company and commercialised it within the NHS. Has previous experience of co-ordinating over 6 R&amp;D projects</p> <p>Role in project: helps in project management.</p>
<p>Business need – what expertise and support is required from a Knowledge Base to reach the objective(s) above? (max 400 words)</p>	<p>The company is looking for an experienced radiology registrar with interest in simulation training to work alongside RAIQC's CEO &amp; Co-founder to build the educational content.</p> <p>The educational content creator is expected to work 2 days a week on this project.</p> <p>Experience required:</p> <ul style="list-style-type: none"> <li>- min. 3 years working in an NHS Trust radiology department</li> <li>- Member of the Royal College of Radiologists</li> <li>- basic understanding of Microsoft Office (Word, PowerPoint)</li> </ul>

Please list six key words that describe your potential project, i.e. ICT, engineering, biotech etc.	Education, Training, Medical Imaging, DICOM, RAIQC
Required timescales (if any) for Project Start and duration, and if applicable anticipated product launch date	<p>Project Start: 1<sup>st</sup> Aug 2021</p> <p>Duration: 12 months;</p> <p>Months 1-12: development of new educational content (slides, videos)</p> <p>Months 3-12: iterating and improving content based on feedback.</p> <p>Initial Launch: Q4 2021</p> <p>Final Project Launch: Q2 2022.</p>
Optional - company budget available to match fund KEEP+ grant (if known) please see 'Further details' for maximum funding amounts	£25,000
Company Contact for further information	Dr Sarim Ather, CEO & Director, <a href="mailto:sarim@raiqc.com">sarim@raiqc.com</a> , +44 (0) 7877 724 961
Required tender response date (min 20 working days from posting of advert)	14 <sup>th</sup> June 2021
<p>Responses are sought from organisations classified as Knowledge Bases, defined under the ERDF Definition of the Knowledge Base: Higher Education, Further Education and Research Entities which are: UK Public Sector Research Establishments, Research and Development Organisations, Research and Technology Organisations.</p> <p>The Company is seeking a Knowledge Base partner to work with them to develop a project which, dependent on a successful Grant Application, will be supported by the KEEP+ ERDF project using one of the two types of intervention described below. Please also see KEEP+ website – <a href="http://www.keepplus.co.uk">www.keepplus.co.uk</a></p> <p>In Stage 2, if the grant application to KEEP+ is successful, the Company requires the expertise of the Knowledge Base partner, to work with them to deliver the solution i.e. the project intervention supported by the KEEP+ grant.</p>	
Criteria for Decision making	<p>Assessment criteria are as follows</p> <ul style="list-style-type: none"> <li>• Expertise fit <span style="float: right;">50%</span></li> <li>• Timing fit <span style="float: right;">25%</span></li> <li>• Suitability of proposed methodology <span style="float: right;">25%</span></li> </ul>

Date for Contract Decision	Minimum of 20 working days from date of advertisement
Tender response templates	Please approach the company for the exact format of your response.

### Further details for potential respondents

You are responding to a tender for an activity which is eligible for part funding by the European Regional Development Fund, specifically under the KEEP+ Programme.

The KEEP+ Programme aims to support SMEs to develop new products and services by fostering long term collaborative relationships between Knowledge Bases – Universities and research institutions – and SMEs who need expertise and support for innovation.

Please see KEEP+ website for further information [www.keepplus.co.uk](http://www.keepplus.co.uk) or contact the KEEP+ project team 0845 196 4207 [julie.benabdeljelil@anglia.ac.uk](mailto:julie.benabdeljelil@anglia.ac.uk) or 0845 196 4985 [kayleigh.parkes@anglia.ac.uk](mailto:kayleigh.parkes@anglia.ac.uk)

KEEP+ provides maximum allowable grants for its specific types of intervention. Those intervention types and maximum grant levels are as follows;

- KEEP Knowledge Exchange Embed Partnership (typically 12 months' duration) - this intervention involves a graduate working on a mid- to long-term activity with the support of a specific academic staff member, the graduate is based within the beneficiary company - grant allowance 50% of eligible costs and £10,000 capital.
- KEEP Research and Innovation Collaboration (no fixed duration) this intervention involves an academic colleague working on a short- to long-term activity, they are based at the Knowledge Base but with regular face-to-face interaction with the beneficiary company - grant allowance 50% of eligible costs plus a strict maximum of £10,000 capital.

The following is a guide to the types of cost that you should expect to occur should your application be successful;

- KEEP Knowledge Exchange Embed Partnership (typically 12 months' duration) – project development, associate wage, academic wage, administrative support, training and travel (on the part of the knowledge base employees), minor equipment (please note there is a potential separate grant for major capital purchases), recruitment
- KEEP Research and Innovation Collaboration (no fixed duration) – project development, academic wage, administrative support, consumables (please note there is a potential separate grant for major capital purchases)