

Project Specification Template

Tender details – the opportunity

Company name	Transforming Systems Ltd
Company address	10 th Floor, 6 Mitre Passage London SE10 0ER
Description of company activity/SIC code	62012
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>The proposed work is to develop a new product which helps guide patients to an appropriate medical facility in line with their condition.</p> <p>The new product will fit into a wider family of products developed by Transforming Systems (TS) which provide users with up to date information about health facilities that they can use. The existing product gives information about waiting times in A&E departments and minor injury clinics to patients with a non serious condition looking for the easiest and quickest place to receive urgent care.</p> <p>The new products will be aimed specifically at patients who are already on a care pathway (e.g. prostate cancer, diabetes, or substance abuse). Feedback from both patients and clinicians suggests that once diagnosed the patient feels out of control of their treatment and does not have the right information to access the appropriate health facilities.</p> <p>TS will build on their close relationship with the NHS to create a series of mobile applications which provides:</p> <ol style="list-style-type: none"> 1. Information and guidance relating to the appropriate patient care pathway – managed by clinicians 2. Allows the patient to record a diary of information and activity relating to their condition – accessible by clinicians 3. Provide up to date information and directions to medical facilities which can be used by the patient 4. Link in to appointment booking and communication systems with health facilities and clinicians <p>The development will be carried out in partnership with acute hospitals where TS are already developing and using products.</p>



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<p>Company's current situation – existing project team and innovation project development stage (max 400 words)</p>	<p>TS has 9 years of experience working with health partners manage operations and provide intelligence to operations managers. TS currently has a team of 24 employees developing innovative products to meet these needs.</p> <p>TS have developed a series of products which collects data from multiple health agencies and systems. they provide health managers with visibility of all of the key operational data in one place. This data is transformed and visualised to guide ops managers to understand what the data is telling them and make the appropriate decisions. This approach allows for better decision making, improving patient care and reduction in costs.</p> <p>TS have also developed predictive tools which can identify growing pressure in urgent care services which can be used to improve the use of resources in urgent care and, therefore, improve quality of care for patients.</p> <p>TS also has a patient facing product which guides an individual to the nearest and quickest care for minor injuries.</p> <p>This project will be to develop a new product which helps patients who are on a care pathway to find the best care available for their condition. The app will provide the patient with information, guidance, self-management tools, and access to treatment centres. It will also be able to share data securely with clinicians, but the emphasis is giving patients control of their own health.</p> <p>The aim is that by patients using this product, behaviour can be nudged in this way so that patient care is improved, resources are used more effectively, and costs are reduced.</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>TS are looking for expertise and guidance from a knowledgebase partner to understand care pathways, the type of guidance and information that will be of use to patients, and ways in which control can be passed back to the patient who has been diagnosed and has been placed on a care pathway.</p> <p>TS have built the infrastructure to capture operational data from multiple health organisations and have developed a set of products which transforms this data to help health managers make operational decisions when</p>



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	<p>managing A&E departments, clinics, and other similar functions.</p> <p>The data collected can be used to help patients who are on a care pathway, to provide them with up to date information about where they can receive care and the type of care available.</p> <p>TS has also collaborated with the University of Greenwich in creating a prototype mobile app which provides support to patients with obesity and alcohol problems. The app has been designed to allow the user to manage their own care, whilst providing opportunity for clinicians to intervene in the care where necessary.</p> <p>Bringing these two products together into a single app will create a very powerful patient self-management tool, giving the right guidance to the patient already on a care pathway, and can also direct the patient to where they can receive the best care with the least wait.</p> <p>TS does not have the knowledge to develop the necessary information and guidance, understanding of pathway management, and how interventions might be managed through the app. They are looking to expertise from a knowledge base to:</p> <ul style="list-style-type: none">• help in the creation of a general framework for the product which might be for any care pathway• map out a series of care pathways so that the product can be configured to a range of users• work collaboratively with health partners to understand how users will interact with the product in a beneficial way• develop the tools to help patients self-manage their treatment and care pathway, providing a level of control back to the patient.
Please list six key words that describe your potential project, i.e. ICT, engineering, biotech etc.	Mobile app, patient empowerment, health-care, NHS, reduced waiting times
Required timescales (if any) for Project Start and duration, and if applicable anticipated product launch date	7-9 months
Optional - company budget available to match fund KEEP+ grant (if	£24 (50%)

known) please see 'Further details' for maximum funding amounts	
Company Contact for further information	Phil Clipsham phil@transformingsystems.com
Required tender response date (min 20 working days from posting of advert)	20 days
<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 three types of intervention described below. Please also see KEEP+ website – link.</p> <p>The Company would like to work with a Knowledge Base partner under a two stage contract.</p> <p>In Stage 1 they need the expertise of a Knowledge Base partner to develop and design the project which will deliver the solution for their business need and support their grant application to KEEP+. The Company have already secured a Grant from KEEP+ of up to £1k to fund 50% of the cost of this activity, subject to them procuring a suitable KB partner.</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"> • Expertise fit • Timing fit • Suitability of proposed methodology <p>Weighting is determined by the SME partner</p>
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 or contact the KEEP+ project team 0845 196 4310 carole.randall@anglia.ac.uk or 0845 196 4207 cheryl.cook@anglia.ac.uk

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

- Innovation Internship (max 12 week duration) – this intervention involves a graduate intern working on a relatively short term activity, they are based within the beneficiary company - grant allowance 50% of eligible costs to a maximum of £2,828.00 (please note, NO stage 1 grant).
- KEEP Knowledge Exchange Embed Partnership (12 month 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 to a maximum of £30,275.00 revenue (including maximum Stage 1 grant) and £6,000 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 – these grants have an average cost of £19,250.00 revenue (but may range from £5,000-40,000, including maximum Stage 1 grant) plus a strict maximum of £6,000 capital.
- Capital grants are only available for the KEEP or Research and Innovation Collaboration projects, not Innovation Internships and any capital items must be procured separately.

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

- Innovation Internship (max 12 week duration) – intern wage, administrative support
- KEEP Knowledge Exchange Embed Partnership (12 month 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)