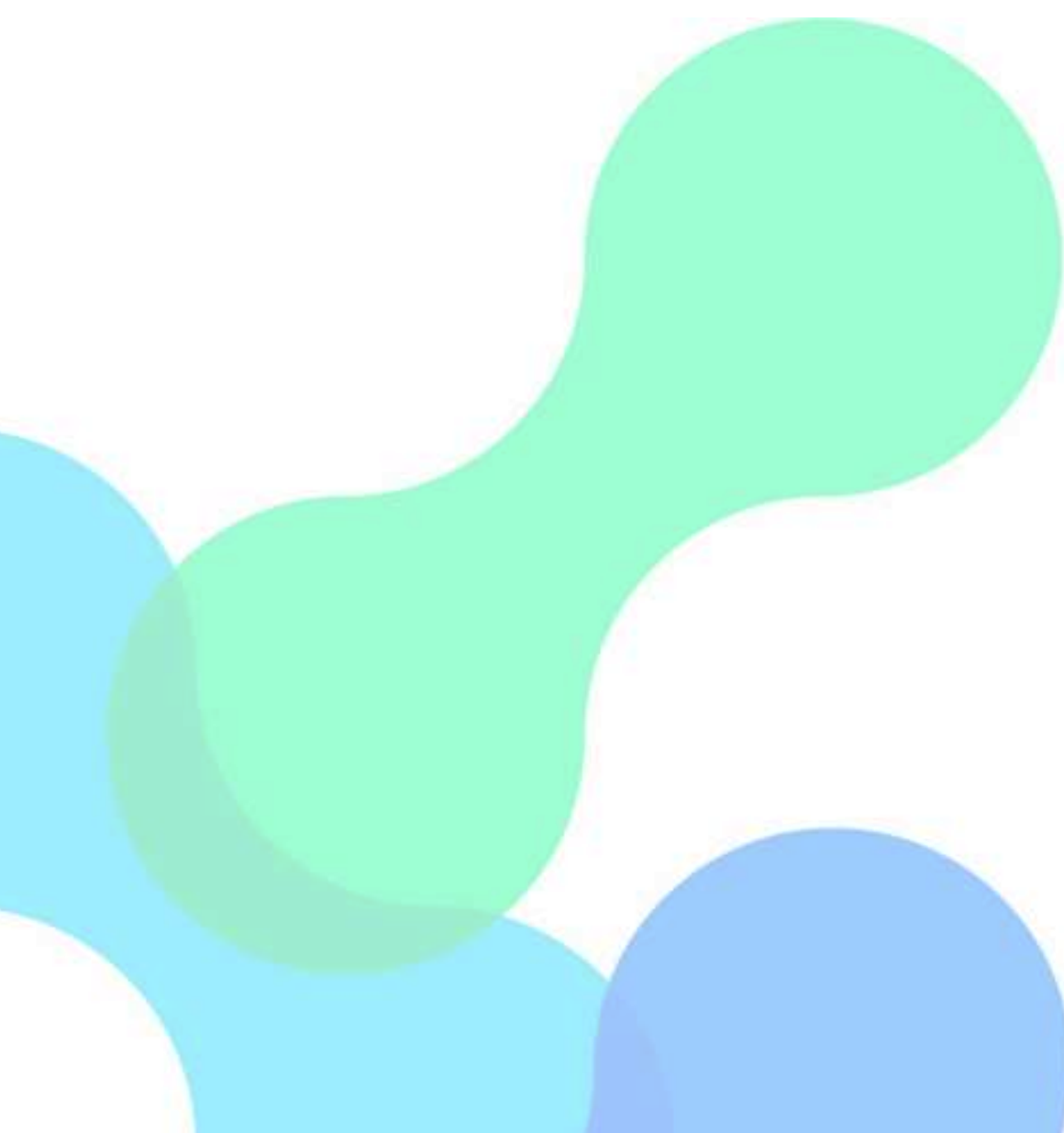# Data project specification and request for proposals

Deadline for submissions: August 1st 2023.

"We aim to reduce the burden of poor musculoskeletal (MSK) health on individuals, workplaces and our health system by providing training and education programmes for MSK professionals and by funding research projects and breakthrough innovations (in partnership with grant givers, leading academic institutions and entrepreneurs) that expand knowledge, improve patient outcomes and pioneer new forms of orthopaedic diagnosis and treatment."

Contents

Introduction to ESCAPE-pain (Orthopaedic Research UK)

<u>Background</u>
The ESCAPE-pain programme is hosted by the charity Orthopaedic Research UK (ORUK) and is being developed under a five-year licence from Guy's and St Thomas' NHS Foundation Trust (Health Innovation Network).

ESCAPE-pain is an integrated rehabilitation programme that has been shown to reduce pain, improve physical function, activity levels and the psychological consequences of pain, while reducing healthcare costs. The programme is offered in over 250 localities across England, the devolved nations and Ireland. ESCAPE-pain has reached 23,000 participants since its inception in 2013, resulting in £35m in savings to health and social care [Hurley et al 2007b, Hurley et al 2009]. ESCAPE-pain is seen has having a pivotal role in managing MSK conditions in the community (NHS England publication).

Our vision and ultimate goal is that of spread and adoption, so that everyone suffering knee, hip and/or back pain should have the opportunity to participate on and benefit from the ESCAPE-pain programme.

Key role of data in spread and adoption of ESCAPE-pain
Adoption and spread of complex healthcare interventions, such as ESCAPE-pain, is difficult. We have developed the infrastructure, materials and activities needed to raise awareness of ESCAPE-pain, explain the programme, what is required to implement it, train people to deliver the programme and work with them to sustain delivery.

Currently the support for the programme comes from a central team of of 3 WTE, supporting the operational functions of the programme; providing training to clinicians and fitness professionals (+2k facilitated trained to date), implementation support (+250 sites), data analysis, communications and marketing and outreach.

Project contacts

Name, role	E-mail	Telephone number	Company Address
Francesca Thompson, Programme Manager	f.thompson@oruk.org	+44 (0)20 7637 5789	Furlong House 10a Chandos Street London W1G 9DQ
Iona Tinker, Senior Programme Coordinator	i.tinker@oruk.org		

Project timeline

The deadline for proposals will be August 1st 2023. Please provide a completion timeline for the proposed solution(s) in your submission.

Data project overview and goals

At present the data for ESCAPE-pain is captured, held, and analysed over a variety of systems. These systems have been developed "piecemeal" as the programme developed and grew, each new system having different purposes and functions, most requiring manual entry. This has made the data management burdensome, difficult to manage, limits its usefulness, increases risk of error and may impede future growth.

Processes currently in place, systems used and the associated problems are described in detail in the excel attachment below.

Data systems
mapping.xlsx

As we anticipate significant interest and growth in the programme over the coming years, we appreciate the need to put in place, efficient, simple but robust systems that streamline processes to facilitate workload, so that we can support the spread and adoption of ESCAPE-pain.

However, we are a small team with limited digital or data analytic expertise. Therefore, we are looking for advice and support to simplify and streamline these processes by identifying (low/no code) systems that will increase efficiency and accuracy of data collection, collation, analysis, and reporting.

Project scope

Specifically, we are looking for help, advice, and support to:
Develop simple efficient processes to provide a clean interface that reduces time and effort spent collecting, collating, anlaysing and reporting the data we collect

The system(s) must

- ➤ be reliable and easy to maintain (no/low code proprietary solution) that people with limited data anlysis skills can use

- ➤ should have automated capabilities

- ➤ able to easily export data in order to comply with data regulations

Potential users

Primary users of the data will be the ESCAPE-pain team (< 10 users).

Budget

The budget for this project is not fixed. We are keen to hear about a range of possible solutions with advice about the pros/cons and costs of these suggestions.

Proposal evaluation criteria

Proposals will be evaluated based on the below criteria to find the most suitable partner for this project;

1. Experience of the company and team
2. Scope definition
3. Proposed approach and methodology
4. Compliance with terms
5. Pricing – costed options for possible solutions

Submitting your proposal

Please send your proposal outlining how your solution meets this specification, along with your responses to the supplier questionnaire below, by August 1st 2023 to escape-pain@oruk.org. We will confirm receipt of your proposal by email outlining our revie/ response timeline.

Supplier Questionnaire

1. Organisation

1.1. Please provide the following general information:

Question	Supplier's response
Full legal name of the company	
Address (including country)	
Website address	
Primary contact in charge of RFP response	

1.2. Provide an overview of your organisation:

1.2.1. brief description of your company - size, history, organisational structure, funding.

1.2.2. what are the company's values, mission, and vision?

1.2.3. why are you better than other suppliers in your field?

2. Experience

2.1. Describe your experience working on data projects - especially any in the NHS or leisure industry.
   a)   how do you deal with various types of unstructured, incomplete, missing data that arise in "real world" situations?
   b)   what help do you offer to ensure the project meets the needs of all users?

2.2. Provide examples of what you have worked on including links to case studies related to data solutions you have created.

3. Proposed solution(s)

3.1. Describe how you can support the development of the data solution, outlining how you propose to help us optimise existing processes, based on the needs outlined in this brief.

3.1.1. How can you help us understand the potential of data and increase trust in data gathered?
3.1.2. Describe stages/activities.

3.1.3. Include roles involved.

   a)   describe your team and its expertise in relation to our needs and project.

3.1.4. Please describe involvement of the client and any third parties.

4. Additional information

4.1. Are there any additional capabilities that you wish to highlight?
4.2. Do you have any additional questions for us?

Investing in our future movement