Contract Finder Advert - Escalation Management Tool Development – 9 Months

Midlands and Lancashire CSU are seeking an experienced software developer to assist in the development of the Escalation Management Solution (EMS+). Managed by the MLCSU Regional Capacity Management Team (RCMT) the application is developed using the following technologies:

.NET 7, ASP.NET, C#, React, Microservices, TypeScript, Azure, Web API 2, Agile, SQL Server 2022

We are seeking a .NET Full stack Developer with full project life cycle experience and a skill set that encompasses: .NET, .NET Core / ASP.NET MVC, C#, React and SQL Server.

Midlands and Lancashire CSU are inviting quotations from Software developers with the above skillset to complete the Capacity Grid Designer, Live Data, Custom Alerts and Broadcast Notification modules of the attached specification. Midlands and Lancashire CSU estimate the development should take nine months to complete.

**1.0 Background**

The Escalation Management Solution (EMS+) is a tool developed by the MLCSU Regional Capacity Management Team (RCMT). The tool provides an ‘at a glance’ geographical presentation of escalation status across ICS’s to measure pressures at strategic, tactical and operational levels, and effectively co-ordinate patient flow.​

Updated at a minimum of twice daily by each service provider, EMS+ delivers a detailed and accurate description of the level of pressure in all organisations delivering urgent care services to create a whole system picture, along with bed availability reporting on Care Homes, Community Services, Social Care and Mental Health on a daily basis.

Real time decision-making is made possible using live data flows of information from A&E departments and the ambulance services.​Armed with the relevant data, senior managers and directors are able to make informed decisions that can result in a more efficient use of resources and, ultimately, better care for patients.The tool is accessible 24/7 through an intuitive web portal and mobile app.

MLCSU are committed to developing a new escalation management tool, to provide a more sophisticated tool for our ICS partners, by building on the existing functionality MLCSU are seeking to work in partnership with a supplier to deliver a new tool focussing on supporting end to end patient flow whilst optimising live data flows to enable real-time visualisation of activity and thus enabling evidence-based decision making.

MLCSU expect the development of the new tool to be completed by end December 2023, with rollout of the live tool by March 2024.

**To express interest and participate in the tender, please register and apply via Atamis e-sourcing portal**

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