**MARKET ENGAGEMENT FOR AN IT SERVICE MANAGEMENT SYSTEM**

1. **Background to potential Contracting Authorities**

Guy’s and St Thomas’ are among the UK’s busiest and most successful NHS foundation trusts. The Trust provides a full range of hospital and community services for people in Lambeth, Southwark and Lewisham, as well as specialist care for patients- to include cancer, renal, orthopaedic and cardiovascular services.

With over 23,500 staff the Trust is one of the largest local employers, the Trust aims to develop and support all staff so they are able to deliver high quality, safe and efficient care. The 2018 NHS staff survey results show that the Trust has one of the most engaged and motivated workforces in the NHS. This has a positive impact on the care provided to patients.

Guy’s is home to the largest dental school in Europe and a £160 million Cancer Centre opened in 2016. As part of its commitment to provide care closer to home, in 2017 the Trust opened a cancer centre and a kidney treatment centre at Queen Mary’s Hospital in Sidcup. St Thomas’ has one of the largest critical care units in the UK and one of the busiest emergency departments in London. It is also home to Evelina London Children’s Hospital.

The adult community services teams deliver care at the heart of the local communities the Trust serves, working in partnership with GPs, local authorities and other health care and voluntary sector organisations. In 2019 adult community services were combined with acute medicine and therapy services to create Integrated Care, a new strategic business unit. Working with partners in Lambeth and Southwark, focusing on new ways of working to improve care for local patients.

The Trust has a reputation for clinical excellence and high quality teaching and research. The Trust is part of King's Health Partners, one of six accredited UK Academic Health Sciences Centres. In partnership with King's College London the Trust has dedicated clinical research facilities and a National Institute for Health Research (NIHR) Biomedical Research Centre.

Royal Brompton and Harefield NHS Foundation Trust merged with GSTT from 1 February 2021. GSTT are also in the process of aligning with King’s College Hospital NHS Foundation Trust with a view to both Trusts potentially using the same EHR system.

For more information please see <https://www.guysandstthomas.nhs.uk>.

We are seeking knowledge of the market before commencing a formal procurement process.

1. **Summary of Requirement**

ACU undertakes fertility procedures that fall under the scrutiny of the Human Fertilisation and Embryology Authority (HFEA).

The storage of gametes (sperm and oocytes) for reproductive purposes involves strict regulations and guidelines to ensure their safety, viability, and integrity. Here are key requirements for storage alarm systems:

1. \*\*Temperature Monitoring\*\*: - Continuous monitoring of storage temperatures. - Alarms for temperature deviations from the set range, typically -196°C for liquid nitrogen tanks used in cryopreservation.

2. \*\*Alarm Systems\*\*: - Audible and visual alarms for immediate alerting of personnel. - Remote alarm systems to notify responsible staff via phone, email, or other communication methods to contact staff outside normal working hours in case of an alarm event.

There should also be - Backup power supply for alarm systems to ensure functionality during power outages.

3. \*\*Data Logging\*\*: - Continuous data logging of temperature and alarm events. - Regular review and maintenance of logs to ensure compliance and traceability.

 4. \*\*Redundancy and Fail-Safe Measures\*\*: - Redundant sensors and alarm systems to prevent single points of failure. - Fail-safe mechanisms that activate in case of system malfunction.

5. \*\*Regular Maintenance and Calibration\*\*: - Routine checks and calibration of temperature sensors and alarm systems. - Scheduled maintenance to ensure all components are functioning correctly.

 6. \*\*Compliance with Regulatory Standards\*\*: - Adherence to local and international standards such as those from the Human Fertilisation and Embryology Authority (HFEA), the American Society for Reproductive Medicine (ASRM), and the College of American Pathologists (CAP).

7. \*\*Personnel Training\*\*: - Regular training for staff on alarm response protocols. - Clear documentation and procedural guidelines for handling alarm events.

 8. \*\*Physical Security\*\*: - Controlled access to storage areas to prevent unauthorized entry and tampering. - Security systems integrated with alarm monitoring. These measures collectively ensure the protection and viability of stored gametes, minimizing the risk of damage or loss due to temperature fluctuations or system failures.

**2 OBJECTIVES OF THE PRE ENGAGEMENT PROCESS**

1. To gain understanding of products available in the market and also understand how the market is structured
2. To obtain indicative pricing information to support our business case
3. To gain understanding of how available products are priced.
4. To determine its route to market
5. Gain the required information to validate their tender specification and scope of work
6. To ensure that the specifications and Requirements are fit for purpose

**Functionally the Alarms and Monitoring system we seek should comply with the attached**

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3 TIMESCALES

The timetable for this pre-market engagement is outlined below:

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| **Pre market engagement activities**  | **Planned Dates**  |
| Issue premarket engagement document  | 5th August 2024 |
| Clarification questions  | 20th August, 2024 |
| Submit proposals  | 26thth August 2024 |
| Supplier Presentation and Q&A  | w/c 9th September 2024  |

**4 Instruction to Suppliers**

The Trusts will like to obtain a costed proposal from suppliers in line with the set objectives, scope of service and the ability to deliver the service for the Trust at a high standard.

Suppliers are required to submit proposals detailing the high-level functionalities of their products. Demonstrating that their products potentially are able to deliver the specification at a high standard. Additionally, please provide indicative costing, using the template provided in the Annexure. Where applicable provide details of your assumptions and dependencies.

Supplier should please note that this is not a tender process, it is a pre-market engagement aimed at gathering information from the Supplier market. The pricing received will only be used for the purpose of finalising our business case.

Following a review of proposals received, the Trusts may invite Suppliers to present their solutions if necessary. If you will like to participate in the presentation, Please include contact details of people attending and state your preferred date in the week commencing 26th August 2024 .

Suppliers are required to send a brief proposal by the 9th of September, 2024 to give us prior knowledge of their solutions, and also state what Framework they are listed on.

Due to time constraints, the Trust may not be able to accommodate all suppliers. However, if the Trust chooses to tender its requirements, it will not preclude any supplier based on participation or non-participation in this premarket engagement process.

The Trusts also reserve the right not to tender the requirements.

ANNEXURE –

