**Tissue Typing Requirements**

South West London Procurement Partnership on behalf of Epsom and St. Helier University Hospitals is looking to award a contract for Tissue Typing services.

The Tissue Typing service will be made up of Pre and Peri Transplant:

* HLA typing (NGS method, high-resolution HLA typing) of recipients, living donors and deceased donors at the time of kidney offer.
* HLA Ab testing of all recipients on waitlist- every 2 months (and suspended patients as needed).
* Delisted patients- every month (small number, currently 4).
* Crossmatching (Flow cytometry ±CDC) and HLA antibody (DSA) testing utilising Luminex technology.
* For planned LD transplants (directed and KSS) and for unplanned deceased donor kidney transplants at the time of kidney offer.
* The KSS crossmatching activity can vary significantly depending upon the number of matches we get in each matching run (4 times a year).
* Ability to provide virtual cross match where appropriate.

Post Transplant:

* HLA antibody (DSA) testing by Luminex
* As required (Based on clinical indication, not protocol driven)

Numbers:

* 170-200 patients active on national dD kidney transplant wait list
* (This includes small number of patients on kidney + other organ such as pancreas or Liver)
* 30-40 suspended patients
* 900-1000 transplant patients under follow-up (Outpatient)
* Storage of all historic samples stored by previous provider

The Tissue Typing contract is estimated to start 1st April 2025 and run for either 5, 7 or 10 years, with an estimated monthly contract value of £53,000.00 ex VAT. The service will be contracted under the NHS Template sub-contract for the provision of clinical services for use with the NHS Standard Contract 2024/25 (Full Length). The contract will be direct with Epsom and St. Helier and be exclusive to this Trust. The tender will be assessed on a 60% quality and 40% pricing model, and all documentation can be found at on the Atamis tendering portal including the award criteria, submission instructions and assessment scoring criteria.