

The Pirbright Institute
Site Wide Environmental Monitoring System Replacement Project
Ref: Clarifications Question Log Annex 1

Performance qualification of system and ongoing performance:

Option 1 – In-house user test and calibration

The supplier is to provide probes (or provide details of equivalents) to be used as reference devices calibrated to IS units or details of how to get them calibrated to IS units to be used by Pirbright for calibration of other probes.

Required number of probes and working ranges:

4x temperature monitoring devices with ISO/IEC 17025:2017 calibration to 7 data points -196°C, -80°C, -20° and +4°C, +21°C, +37°C, +56°C

2x temperature and humidity monitoring devices 0°C, +20°C, +55°C and RH 45% 60% 75%

These devices should be calibrated against ISO/IEC 17025:2017 by an accredited calibration supplier.

These reference devices could be added to a maintenance schedule managed by the supplier to ensure they are calibrated annually or supplier shares detail of who/ how to get them calibrated.

Option 2 – External supplier test and calibration

On premise: The supplier is to provide the cost of completing performance qualification of approx. 117 devices to ISO/IEC 17025 standard by themselves or by an accredited subcontractor. This will also include the temperature mapping of some incubators, fridge/ freezers and cold rooms.

This is to include for all costs for travel, subsistence, test equipment and consumables.

Option 3 - External supplier test and calibration

The supplier can provide details of how best to provide performance qualification and ongoing calibration of system if different to option 1 or 2.

Ongoing maintenance, replacement, and expansion

The supplier should provide a full equipment list of all devices and peripherals supplied with the system and provide cost of like for like replacement, outside of the agreed warranty period, or as additional equipment requirements for system expansion.

Supplier should provide the all-in hourly cost of engineer and support staff attendance on site including travel and other disbursement costs.

Supplier should provide the all-in hourly cost of office-based engineer and support staff.

Supplier to indicate the cost of any licenses or permits required for the ongoing operation of the system.

Supplier to indicate the anticipated lifespan and replacement costs for device batteries.