**Laboratory Information Management System (LIMS)**

1. **Purpose**
   1. The purpose of this specification is to specify all matters such as system installation and technical support required by the International Vaccine Institute (hereinafter referred to as "IVI") to the contractor (the "Vendor") in the purchase of the Laboratory Information Management System (LIMS) introduced by the International Vaccine Institute.
2. **Delivery and installation location**
   1. International Vaccine Institute(IVI)
3. **Delivery and installation deadline**
   1. The delivery and installation of this product shall be made within 6 months from the date of the contract.
4. **Terms and Conditions**
   1. The purchased goods shall conform to the requirements set forth by the “IVI”.
   2. “Vendor” shall submit a Supplier Assurance of Product Supply and Technical Support for the delivery, installation, and maintenance of the applicable system.
   3. The software shall be delivered and installed so that it can be interchangeable and linkage with the existing system of our original system.
   4. The administrative and technical expenses incurred in all accidents and delivery failures during the delivery and installation of the system shall be borne by "Vendor", and if additional items and expenses are required in addition to those specified in the detailed specifications of the purchased goods in order to achieve the purpose of the purchase of "IVI", such items and expenses shall be deemed to have already been included.
   5. Even after the completion of the inspection, "Vendor" shall be fully reimbursed for all accidents arising from the liability of "Vendor" in the purchase and installation of this system and for the resulting damages to "IVI".
   6. "Vendor" shall not leak information or facilities related to the system environment, operation of the "IVI" acquired in connection with the installation of this system and shall be liable if it is violated.
5. **Conditions of purchase**
   1. "Vendor" shall fully understand the composition of the system to be introduced by the "IVI" in advance and shall have the duty of good faith for the successful performance of the business.
   2. All components of the goods to be delivered shall be supplied in genuine quality that meet 100% of the specifications of the goods and up-to-date versions of the manufacturer, and the original system warranty issued by the manufacturer shall be submitted at the time of delivery to the items to be installed.
   3. If the computer environment due to the change (or upgrade) and versioning of the system S/W is changed during the construction performance, the operator shall change and build it according to the environment of the "IVI".
   4. "Vendor" shall provide at the time of delivery the relevant manual for the operation of the S/W to be delivered.
   5. "IVI" and "Vendor" may mutually request the relevant documents necessary for the performance of the business, and in order to facilitate the smooth promotion of the project, "Vendor" shall put in a person with the skills and experience suitable for the performance of this task as a construction personnel, and if "IVI" determines that the input personnel are unsuitable for the performance of the task, it may request a replacement, and "Vendor" shall respond unless there is a special reason.
6. **Goods Inspection**
   1. The scope of the inspection includes the delivery, installation, and verification of the normal operation of the system in accordance with this specification.
   2. If the on-site verification inspection is carried out under the admission of "Vendor" and the verification of the standard is difficult or insufficient, "Vendor" shall submit additional relevant supporting documents so that "IVI" can recognize it.
   3. "Vendor" shall conduct a test operation after the completion of the system installation, and if there are no problems as a result, it shall request inspection, and shall immediately act against errors, unreasonable problems, and system supplementary requests found by examining the overall contents required by "IVI" during the test operation.
   4. If, as a result of the final inspection, it is determined that the operation of the system is impossible or that the terms of the contract cannot be fulfilled, the S/W delivered and installed by "Vendor" shall be demolished and recovered at the request of "IVI", and the expenses thereof shall be borne by "Vendor".
7. **Training and Operational Support**
   1. "Vendor" shall faithfully implement the technology transfer necessary for system operation and failure measures to the person in charge of "IVI" and shall conduct operational training on S/W and the system so that "IVI" can have its own maintenance capabilities.
8. **LIMS Specification**

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| **Product Name** | **Size** | **Comment** |
| Chain of Custody & Inventory | 1. Sample Reception and Registration 2. Requesting/returning and approving samples 3. Record and manage sample usage 4. Sample Management (Master Only) 5. Sample Status Inquiry |  |
| Calibration Systems | 1. Calibration device management 2. Assignment and management of calibration personnel 3. Email before the calibration cycle expires 4. Review approval process 5. Registration of calibration documents and warranty documents (including internal and external) |  |
| Comment | 1. Manual 2. Korean, English compatible 3. Intuitive modules 4. Compatible and converted to PDF and MS Office 5. Audit Trail |  |