第明治三十五種郵便物認可　三十一年三月三日

5　その他　この導入計画の詳細は導入説明書による。なお、本公表内容は予定であり、変更することがあり得る。

6　Summary

(1)　Classification of the products to be procured : 14, 27

(2)　Nature and quantity of the products to be rent : Integrated Hospital Medical Information System 1 Set

(3)　Type of the procurement : Rent

(4)　Basic requirements of the procurement :

A　The system must be capable of providing comprehensive support for the University's medical services, as well as smooth operation and supervision of hospital operations, and must be equipped with an overall security management function.

B　The system must have the following functions to manage hospital operations : system maintenance management, user management, access privileges and history management, personnel management, logistics management, hospital bed management, messaging functions such as public relations for healthcare professionals, and risk management support functions.

C　The system must maintain and expand the functions realized by the current system, be fully compatible with the University's operations, and fully contribute to further streamlining the University's operations and improving its management.

D　The system as a whole must be configured to store, extract, and reuse data with granularity and availability that can withstand disclosure of medical information, analysis of risk factors, and external evaluation, and must function as an electronic medical record.

E　In principle, electronic medical record LANs should be completely closed networks. However, as breakthroughs in IOT technology, cloud-based data storage, and provision of data for active regional collaboration have become inevitable, the system must be sufficiently secure and adaptable to these and other various guidelines.

F　The system must be configured to migrate the original scanned documents based on the e-Document Law already in operation at the University, as well as to maintain and operate such documents, and must function as an electronic medical record.

G　The scope of the medical care-related ordering function must include basic patient information, appointments, tests, prescriptions, injections, procedures, blood transfusions, surgeries, dental procedures, nursing care, patient transfers, meals, disease names based on ICD codes, clinical trials, and so on. These orders must be based on implementation input that retains attributes such as time stamp, provider, and place of implementation, which are necessary for safety and accuracy control, and the system must have a chronological list function and a history of changes in order contents.

H　The system must be capable of operating as a critical path using the electronic medical record function and the ordering function related to medical treatment. In addition, the system must have incident recording, storage, and analysis functions.

I　The medical accounting system must capture and store all items of order information necessary for electronic receipt generation and management analysis, and support automated input.

J　Each terminal of the requesting system must provide a comfortable working environment with unified operability. In addition, integrated functions must be provided to achieve centralized management of each terminal.

K　The system must be able to be seamlessly connected to and used with the subsystems and medical equipment of each department that are connected to and operated by the existing system. In addition, when the need for data communication between each subsystem and the requesting system arises, the system must provide the information necessary to achieve this.

L　The system must be a packaged system that is easy to use for physicians, nurses, and comedical staff.

M　Costs must be reduced by introducing and operating a system that actively utilizes tablet terminals using virtualization technology, etc.

N　Information exchange between systems must use the medical information standards such as DICOM, HL7, IHE-J, MFER, etc., as well as general standards such as JPEG, MPEG2, etc., and communication methods must employ standards such as TCP／IP and UDP／ID.

O　Network equipment required for the hospital business network must be included in this procurement.

P　The system must be configured as a so-called "non-stop system" and must have the performance to ensure quick response. For the core systems (electronic medical records and medical affairs), safety, reliability, and uptime must be considered.

Q　The system must have a maintenance management system and an operation training system for the entire system.

R　In functional improvement, maintenance management, and failure response, the system should be provided under a system in which sales staff, system engineers, and other multiple professions cooperate smoothly and can expect efficient, reliable, and high-quality support based on documents, etc. prepared in advance.

S　The system should be able to contribute to the regionalization of medical care. Therefore, the system should be able to share medical information with other facilities in the region, accept referrals and inquiries, and reflect them in the system, such as appointments.

T　The system must be able to transfer the patient medical data accumulated by the University over many years without excess or deficiency, and allow physicians, nurses and co-medical staff to continue their medical work and data analysis without problems. This applies not only to the electronic medical record system but also to departmental systems.

U　Provide technical information, etc., necessary for operation on the requested system at the direction of the University. Based on this, the University will provide necessary data groups and masters, such as medical information stored in the existing hospital information system, and these data groups and masters must be migrated to the requesting system and made available for use.

V　When it is necessary to migrate data from the requesting system, the information necessary to do so must be provided to the University. In addition, the University and third parties authorized by the University must be allowed to use this information for the migration work.

W　Provide information necessary to realize the various regional cooperation systems in operation in Saga Prefecture, such as "Saga Prefecture Medical Records Regional Cooperation System," "Saga Prefecture Diabetes Medical Cooperation Promotion Project," "Hepatitis Cooperation Project," and "General Internist Training Project," as necessary.