・It must be a system that meets the minimum requirements of the "Guidelines for the Safety Management of Medical Information Systems (latest version)" by the Ministry of Health, Labour and Welfare and the "Safety Management Guidelines for Information System and Service Providers Handling Medical Information (latest version)" by the Ministry of Internal Affairs and Communications and the Ministry of Economy, Trade and Industry.

・Efficiency and cost shall be optimized through a multi-vendor configuration.

・Data linkage that avoids redundant input shall be realized, and connections with existing systems and medical devices shall be performed to achieve mutual data linkage.

B　Requirements for Electronic Clinical Records

・All clinical records must be accurately preserved at the source and displayed in an easy-to-see manner according to clinical purposes. Also, paper documents must be manageable as electronic records.

・It must have a function to audit electronic clinical records and be a system that can withstand medical audits, etc.

・It must be a system where clinical records can be centrally managed by the electronic medical record. However, regarding radiological image data, it shall be managed by the radiological system.

C　Matters regarding Multimedia Information Management System

・It must have functions to capture multimedia information such as various moving images, pathological images, waveform information, and voice information generated in various tests, create various reports, and use them in linkage with electronic clinical records.

D　Requirements for Medical Billing

・It must extract information from electronic clinical records and correspond to electronic receipt claims for fee-for-service and DPC／PDPS.

・It must be a system where evidence serving as the basis for calculation is reliably recorded, responding to medical fee revisions without delay, and always guaranteeing appropriate insurance medical treatment.

E　Requirements for Safety Management

・It must have check functions at the time of ordering for contraindications, side effects, duplicate tests, etc.

・It must have functions for drug confirmation during preparation／mixing, usage management of specific biological products, and three-point verification of order information, patient, and drug／blood transfusion／specimen at the bedside, and must have functions to prevent medical accidents and incidents in clinical practice. At that time, it must have a function to take and refer to records of operator information and operation date and time.

・It must have incident reporting and analysis statistics functions.

F　Requirements for Quality Assurance and Improvement of Care and Nursing

・It must have clinical paths, regimens, and workflow functions that contribute to the improvement of clinical quality.

・It must be able to stabilize medical quality by promoting team medical care and having multi-professional cooperation functions.

・It must have functions to support the efficiency of nursing duties.

・It must have functions to manage staff duties, leave acquisition, personnel placement, skills, qualifications, training／research presentations, vaccinations, etc.

G　Requirements for Patient Services

・It must have functions corresponding to the Comprehensive Patient Support Center business which performs necessary procedures from outpatient to admission／discharge.

・It shall provide a mechanism to track and analyze the patient flow from reception to accounting.

H　Requirements for Regional Medical Cooperation

・It must have functions to perform information exchange using standard terminology codes and standard information exchange procedures while maintaining security.

・It must be able to respond to participation in medical information networks of the Oita Central Medical Area and the entire Oita Prefecture planned to be constructed using the Oita Prefecture Medical Network, ID-Link, HumanBridge, etc.

・It must correspond to regional cooperation clinical paths and sharing of prescription／patient information with medical facilities.

I　Requirements for Resident／Student Practice, New Pharmacist, and Advanced Medical Science Department Support

・It must have approval functions for supervising physicians and new pharmacists.

・It must have a function for patient viewing restrictions during student practice. Also, student records must be described in a separate system and be capable of being transferred to the medical record after evaluation.

・It must correspond to viewing authority management for each student viewed by each department faculty.

J　Requirements for Management Analysis System

・It must link with the financial accounting system of this university and be able to provide necessary information for management analysis such as management accounting systems from the HIS.

K　Requirements for Secondary Utilization System

・Necessary data shall be aggregated in the DWH to contribute to clinical practice, management, research, and education. It must be provided in a data layout that can be easily utilized at this hospital.

・It must be able to inherit current system information in a form that allows secondary utilization.

L　Requirements for Terminal Performance

・It must correspond to various input methods, have a human interface optimized for hospital business, and have unified operability. It must be able to respond to terminal addition requests during the lease period.

・For bedside business, it must be possible to use mobile terminals and IoMT devices via wireless LAN.

・It must have system response performance that does not feel stress even at the most congested times.

M　Requirements for System Performance

・It must be a highly redundant system, have performance that can always ensure a quick response, and operate without stopping the service during the contract period.

・It must have capacity to preserve all data and the server environment. Cloud use is also possible upon consultation.

・Backup must be performable without stopping the service.

N　Requirements for Network Performance

・It must be a network with high redundancy, flexible response to system changes, and strengthened security.