B The system has to meet the minimum requirements of "the guideline for the safe management of medical information system version 5.1" of the Ministry of Health, Labor and Welfare of Japan, and has user supervision, a user authentication feature, a digital signature feature using HPKI and UPKI, and be equipped with the function that Authenticity can be ensured to create all reference records, data update records (the generation, the correction, the deletion), screen change history which included content, and so on. At the same time, the system has to have a user authentication function by biometric authentication. The system should have the security of the system and data by restricting system access according to the authority of each job type and affiliation and the location of the terminal. The system has the features of the precise access management, system maintenance, personal information protection, information securities depending on the access right, and has the function to manage all terminals synthetically using mobile device management systems.

C The system should have hospital management supervision feature such as the bedmanagement, the physical distribution management, the personnel management, the work management, the operation place management and the central material control, and have a feature of the public relations such as the in-hospital public relations.

D The system should include patient basic information, a reservation, an inspection, a formula, an injection, disposal, a transfusion, an operation, dentistry disposal, a nursing-care, a patient movement, the having a meal, the diagnosis based on the ICD10 code, diagnosis group classification of the Ministry of Health, Labor and Welfare, and the clinical trial information as the object of the ordering feature. The system has the function to record and to save correctly all order information and the record of all treatment and an implementation record without exception in the source by the record keeping. It has the feature is easy to read and display according to the purpose of treatment, and it is easy to write on the integrated screen without excess or deficiency. When the treatment record on a paper sheet exists, it be possible to manage the alibi information of the paper document and scanned treatment information and so on as the part of the electrolyzing treatment record. The system has the feature to save signatures electronically including the signature of the patient. The system should provide the function that the electrolyzing treatment record can be inspected and the function to put on all treatment related information every day by the electronic filing every patient individual. Among each feature in the requested system, the subsystem which is contained in this procurement and each subsystem of the existence, the system cooperates mutually and attempt the effective utilization of the data and avoid a redundant entry. It can be possible to operate as the clinical path using medical records and ordering information concerning a treatment and has function to support a clinical path from accumulated data.

E For safety management and quality control, the orders should keep the implementation entry which maintained the attribute of the time stamp, the implementation person and the implementation place and the system has a listing feature according to the time series of past and future and be equipped with the feature of the reference to the change record and the reading record of the contents. The required system has the function to audit the prescriptions, injections, medical images orders and meal orders at the time of order entry by using allergic information for drugs and food, to check each prescription when mixing them, to check at bedside, which is order information, patient and drug, to eliminate clinical risks. The system has the supporting function to prepare prescriptions, injections, the medication counseling support, manage prescriptions brought by patients and to measure serum concentration of given chemicals, and the function to record all operation time and operator, and to refer them. The system has the incident report system and its analyzing system. The system has functions to support inputting required medical comments that are suitable for health insurance policy, to have relevant ability to input DPC information, and to raise candidates that we can claim expenses following medical treatments.

F The system should connect through the subsystem, the modality with each department to be operating at present and so on and the in-hospital network with it and it be possible to use. When need of the data communication occurs between each subsystem and the requested system, the system should have data linkage platform with flexibility, expandability, and real-time performance which becomes necessary to realize this. The picture archiving system has the function to get the radiological pictures, the physiological test pictures, various movies and sounds, waves into the DICOM server and to make the diagnosis report and to use them from the electronic health record system. In addition, it should have a function as a basis for utilizing data including data of each subsystem.

G The system should be equipped with the basic function to secure the safety of the medical care and has the feature which concerns a risk-aversion in case of treatment and the identification of the patient and so on. The required system has the function to make clinical paths, to refer a practice guideline, prescription information, instruction manuals, to support to make clinical summaries and documents, to support nursing activities, which include diagnosis, planning, assignment, flow-sheet, worksheet, recording and managing work cycle. The system has the function to manage medical instruments and the function of e-learning system for first time workers and medical safety training. The system has strengthened functions for prescription and infection management, is able to retrieve information for prescription contraindications, prescription allergies, food allergies and is able to pursue coordination among the system for prescriptions and the food management. The system has the function that can confirm the incomplete interpretation of reports such as radiation, endoscopy, and pathology reports, and can track the patient status after reading. The system has the ability to display QI to check and share the quality of medical care.

H The medical accounting system captures, accumulate all items of the order information which gets for the medical accounting system to be necessary for the turnover, the electronic medical receipt formation and hospital administration accounting to have supported inclusion evaluation and the purpose of the reuse support a online request, being output-enable in the standard to be open. The system should have a function that can be displayed on the same screen as the medical care-related integrated screen at the same date and time.