W　今後、要求システムからのデータ移行が必要となる場合には、本学に対し、そのために必要となる情報を提供すること。また、本学及び本学が認めた第三者がこれらを移行作業に利用する事を認めること。

2　資料及びコメントの提供方法　上記１⑵の物品に関する一般的な参考資料及び同⑸の要求要件等に関するコメント並びに提供可能なライブラリーに関する資料等の提供を招請する。

⑴　資料等の提供期限　令和３年１月29日17時00分（郵送の場合は必着のこと。）

⑵　提供先　〒693―8501 出雲市塩冶町89―１ 国立大学法人島根大学医学部会計課契約第二係　森山　　洋　電話0853―20―2043

3　説明書の交付　本公表に基づき応募する供給者に対して導入説明書を交付する。

⑴　交付期間　令和２年11月24日から令和３年１月29日まで。

⑵　交付場所　上記２⑵に同じ。

4　説明会の開催　本公表に基づく導入説明会を開催する。

⑴　開催日時　令和２年12月４日14時00分

⑵　開催場所　島根大学医学部本部棟５階第一会議室

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

⑴　Classification of the products to be procured : 14

⑵　Nature and quantity of the products to be rent : Integrated Hospital Information System 1 Set

⑶　Type of the procurement : Rent

⑷　Basic requirements of the procurement :

A　A clinical information system, a nursing information system, an electronic patient record management system, an accounting system, systems for intensive care unit and operation rooms, laboratory management system, pharmacy management system, management systems for medical devices and materials are unified into an integrated hospital information system which is secured at the level of the system guideline from Japanese Ministry of Health, Labor and Welfare dispatched in 2017.

B　The system must demonstrate the capabilities of system maintenance, user administration, personnel management, SPD for medical stuffs, ward management, risk management and information sharing among medical staff.

C　The whole set of data in the system must be able to be handled with storage, extraction and reusage of data with appropriate granularities, assured interchangeabilities, and solid availabilities for constituting (electronic) medical records. In addition, all the subsystem must be connected with existing managent system in the hospital.

D　The system supports retrieval and extraction of data suitable for big data analytics.

E　The system must manage personal, medical and hospital information of patients, their reservations, all the examinations, all the interventions, the diagnoses, and clinical trials. Traceability for each ordering process must be implemented. In order for medical staff to manage disease names, the latest disease name list provided by MEDIS-DC must be enabled to use, and each disease name should be tied to the International Classification of Diseases ver.10 (ICD-10).

F　The system must function as a medical record management system, which supports application of clinical pathways and team medicine such as nutrition support team and team for prevention of bedsores. The system must also implement information sharing among medical staff and information storage/analysis for hospital risk management.

G　The system must support risk assessment and decision making with given scores obtained by input from clinical observations and results of the examinations and store all the assessment data for future analysis. Moreover, assessment tools must be easily edited by the university hospital staff.

H　The electronic patient records and order entry system must be connected with external intelligent services.

I　The subsystems of pharmacy, laboratory tests, radiology, pathology, blood transfusion, material department, dialysis and management of medical-devices, intensive care units, surgical operation and acute care surgery must implement centralized management, integrated databases, support outputs of statistics, information aggregation. All the above subsystemsmust be connected with order entry system and share the stored information with the medical record management system and the accounting subsystem.

J　The system must support big temporal data analysis for the data stored in monitoring devices in ICU, NICU and the regular ward.

K　Physiological test subsystem must support supersonic wave image diagnosticstudy, electroencephalography, examination for EMG, evoked potential examination for exercise stress electrocardiogram, to cope with electrocardiogram inspection and a ventilatory function test for a long time. It must receive the order from order-entry subsystem, and have a function to make transmitting a test result and an inspection report.

L　Physiological test subsystem retrieve stored data and the test result and the inspection report must be retrieved from each terminal.

M　The accounting subsystem must be able to submit (medical and dental) health insurance claims (recipe and bill) electronically, to facilitate financial operations, and to support on-line analytical processing with stored data in the hospital information system.

N　All the system must have editable customized masters and have the ability of editing masters by administrators.

O　Client terminals in the system must be uniformly managed with high-order man-machine interfaces.

P　Data transfer and storage in the system must be defined as DICOM3/jpeg2000 for images, DICOM3/mpeg2 for movies, HL7 (2.4 or later) and/or XML for message with TCP/IP transmission.

Q　Specified subsystems and medical equipment must be connected to the system through the hospital information network with TCP/IP. The specifications required for a connection across the system must be provided. The new hospital information system must be developed on the existing gigabit ether network and also support the wireless network environment with for mobile IP phones, mobile computers and tablets as terminals.

R　The system must demonstrate a reliable availability, appropriate performance and robustness to considerable troubles.

S　Comprehensive maintenance for the system and tutorial services for the users must be provided.