**Annex I**

**Information of Existing IT Systems of service provider**

**(for completion by interested parties)**

**Questions 2.2 in Proforma**:

Further to question 2.1 in Proforma, by referring to the purposes and functions of the planned IT Systems listed in Paragraph 4.2 in the MSE document, please indicate:

|  |  |
| --- | --- |
| * Column A - | which function(s) can be provided by your existing system(s) |
| * Column B - | which function(s) can be developed by your company, if such function(s) cannot be provided by your existing system(s) |
| * Column C - | which function(s) that you are not interested to develop, if such function(s) cannot be provided by your existing system(s) |
| * Column D - | which function(s) that you would like to appoint sub-contractor to conduct the development |

**Questions 2.3 in Proforma**:

Further to question 2.1 in Proforma, please supplement if additional function(s) can be provided by your existing system(s) by completing functions column (please add row if needed).

Please tick and supplement as appropriate:

| **Please refer to question:** | | | **2.3** | | **2.2** | | | | | | | | **Remarks** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **System** | | | **Column** | | | | | | | | | |
| **Functions** | | **A** | | **B** | | **C** | | **D** | |
| 1 | Hospital Information System  (part of core Hospital IT system included in the first tender) | | *CM and Western Medicine (“WM”)* | | | | | | | | | |  |
| 1. Scheduling (physician, consultation, out-patient, operation theatre) | | □ | | □ | | □ | | □ | |  |
| 1. Nursing management | | □ | | □ | | □ | | □ | |  |
| 1. Integrated rehabilitation management | | □ | | □ | | □ | | □ | |  |
| 1. High dependency bed monitoring and management | | □ | | □ | | □ | | □ | |  |
| *CM* | | | | | | | | | |  |
| 1. Electronic medical record | | □ | | □ | | □ | | □ | |  |
| 1. Clinical order entry | | □ | | □ | | □ | | □ | |  |
| 1. Medication order entry (prescription) | | □ | | □ | | □ | | □ | |  |
| 1. Allergy record and alert | | □ | | □ | | □ | | □ | |  |
| *WM* | | | | | | | | | |  |
| 1. Electronic medical record | | □ | | □ | | □ | | □ | |  |
| 1. Clinical order entry | | □ | | □ | | □ | | □ | |  |
| 1. Medication order entry (prescription) | | □ | | □ | | □ | | □ | |  |
| 1. Allergy record and alert | | □ | | □ | | □ | | □ | |  |
| 1. Operation theatre recording | | □ | | □ | | □ | | □ | |  |
| 1. Endoscopy services and electrophysiology and respiratory assessments services management | | □ | | □ | | □ | | □ | |  |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  |
| 2 | Pharmacy System  (part of core Hospital IT system included in the first tender) | | *CM* | | | | | | | | | |  |
| 1. Medication order vetting | | □ | | □ | | □ | | □ | |  |
| 1. Medication decision | | □ | | □ | | □ | | □ | |  |
| 1. Medication scheduling | | □ | | □ | | □ | | □ | |  |
| 1. Dosage computation | | □ | | □ | | □ | | □ | |  |
| 1. Pharmacy notes | | □ | | □ | | □ | | □ | |  |
| 1. Alerting system | | □ | | □ | | □ | | □ | |  |
| 1. Storage monitoring | | □ | | □ | | □ | | □ | |  |
| 1. Automatic stock management | | □ | | □ | | □ | | □ | |  |
| 1. Compounding management | | □ | | □ | | □ | | □ | |  |
| 1. Simmering and decoction packaging management | | □ | | □ | | □ | | □ | |  |
| 1. Dispensing and administration management | | □ | | □ | | □ | | □ | |  |
| *WM* | | | | | | | | | |  |
| 1. Medication order vetting | | □ | | □ | | □ | | □ | |  |
| 1. Medication decision | | □ | | □ | | □ | | □ | |  |
| 1. Medication scheduling | | □ | | □ | | □ | | □ | |  |
| 1. Pharmacy notes | | □ | | □ | | □ | | □ | |  |
| 1. Alerting system | | □ | | □ | | □ | | □ | |  |
| 1. Stock management | | □ | | □ | | □ | | □ | |  |
| 1. Dispensing and administration management | | □ | | □ | | □ | | □ | |  |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  |
| 3 | Patient Administration System  (part of core Hospital IT system included in the first tender) | | 1. Patient master index | | □ | | □ | | □ | | □ | |  |
| 1. Appointment booking | | □ | | □ | | □ | | □ | |  |
| 1. Physician scheduling | | □ | | □ | | □ | | □ | |  |
| 1. Admission, discharge and transfer | | □ | | □ | | □ | | □ | |  |
| 1. Patient billing and charging | | □ | | □ | | □ | | □ | |  |
| 1. Insurance module | | □ | | □ | | □ | | □ | |  |
| 1. Budget estimation and costing | | □ | | □ | | □ | | □ | |  |
| 1. Bed and ward management | | □ | | □ | | □ | | □ | |  |
| 1. Queue management | | □ | | □ | | □ | | □ | |  |
| 1. Referral/ follow-up/ waitlist management | | □ | | □ | | □ | | □ | |  |
| 1. Mortuary information system | | □ | | □ | | □ | | □ | |  |
| 1. Report and analysis | | □ | | □ | | □ | | □ | |  |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  |
| 4 | Bed Panel Display  (part of core Hospital IT system included in the first tender) | 1. Patient information display | | □ | | □ | | □ | | □ | |  | |
| 1. Vital signs display | | □ | | □ | | □ | | □ | |  | |
| 1. Patient monitor configuration | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 5 | Telemedicine  (part of core Hospital IT system included in the first tender) | 1. Consultation scheduling | | □ | | □ | | □ | | □ | |  | |
| 1. Video conferencing | | □ | | □ | | □ | | □ | |  | |
| 1. Clinical record entry | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 6 | Dietetics and Catering System  (part of core Hospital IT system included in the first tender) | 1. Patient diet order entry | | □ | | □ | | □ | | □ | |  | |
| 1. Menu management | | □ | | □ | | □ | | □ | |  | |
| 1. Meal order entry | | □ | | □ | | □ | | □ | |  | |
| 1. Nutritional and dietary analysis | | □ | | □ | | □ | | □ | |  | |
| 1. Production scheduling and consumption forecasting | | □ | | □ | | □ | | □ | |  | |
| 1. Resources management | | □ | | □ | | □ | | □ | |  | |
| 1. Procurement and stock management | | □ | | □ | | □ | | □ | |  | |
| 1. Management reporting and analysis | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 7 | Incidents Reporting System  (part of core Hospital IT system included in the first tender) | 1. Case reporting (both clinical and non-clinical incidents) | | □ | | □ | | □ | | □ | |  | |
| 1. Incident status enquiry and monitoring | | □ | | □ | | □ | | □ | |  | |
| 1. Disclose findings from the enquiry on the adverse events | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 8 | Automatic Dispatching System  (part of core Hospital IT system included in the first tender) | 1. Order scheduling and enquiry | | □ | | □ | | □ | | □ | |  | |
| 1. Mobile orders notification | | □ | | □ | | □ | | □ | |  | |
| 1. Real-time update of orders progress | | □ | | □ | | □ | | □ | |  | |
| 1. Dispatch management | | □ | | □ | | □ | | □ | |  | |
| 1. Support phlebotomists services ordering and tracking | | □ | | □ | | □ | | □ | |  | |
| 1. Automatic orders management | | □ | | □ | | □ | | □ | |  | |
| 1. Reporting and analysis | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 9 | Central Sterile System  (part of core Hospital IT system included in the first tender) | 1. Asset management (record and tracking) | | □ | | □ | | □ | | □ | |  | |
| 1. Real-time overview of the whereabouts of instruments | | □ | | □ | | □ | | □ | |  | |
| 1. Event control | | □ | | □ | | □ | | □ | |  | |
| 1. Reporting and analysis | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 10 | Radiology Information System and Picture Archiving and Communication System | *Radiology Information System* | | | | | | | | | | | |
| 1. Radiology request management | | □ | | □ | | □ | | □ | |  | |
| 1. Appointment booking | | □ | | □ | | □ | | □ | |  | |
| 1. Modality worklist management | | □ | | □ | | □ | | □ | |  | |
| 1. Radiology reporting | | □ | | □ | | □ | | □ | |  | |
| 1. Report and analysis | | □ | | □ | | □ | | □ | |  | |
| 1. Interface with contract-out services | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| *Picture Archiving and Communication System* | | | | | | | | | | | |
| 1. Interface with all radiology modalities via DICOM standard | | □ | | □ | | □ | | □ | |  | |
| 1. Support storing of images (lossless and lossy) | | □ | | □ | | □ | | □ | |  | |
| 1. Allow web access | | □ | | □ | | □ | | □ | |  | |
| 1. Support query and retrieve | | □ | | □ | | □ | | □ | |  | |
| 1. Provide purge, archive and move images lists by user-defined criteria | | □ | | □ | | □ | | □ | |  | |
| 1. Share images outside of Picture Archiving and Communication System | | □ | | □ | | □ | | □ | |  | |
| 1. Provide a patient-centric view of all patients’ images with easy to use DICOM viewer | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 11 | Laboratory Information System and Blood Bank Management System | 1. Laboratory test requests management | | □ | | □ | | □ | | □ | |  | |
| 1. Instrument booking | | □ | | □ | | □ | | □ | |  | |
| 1. Samples management | | □ | | □ | | □ | | □ | |  | |
| 1. Laboratory test results maintenance | | □ | | □ | | □ | | □ | |  | |
| 1. Blood bank management | | □ | | □ | | □ | | □ | |  | |
| 1. Quality control request maintenance | | □ | | □ | | □ | | □ | |  | |
| 1. Reference table maintenance | | □ | | □ | | □ | | □ | |  | |
| 1. Management information and reporting | | □ | | □ | | □ | | □ | |  | |
| 1. Interface with contract-out services | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 12 | Building Maintenance System | 1. Asset management | | □ | | □ | | □ | | □ | |  | |
| 1. Maintenance order and management | | □ | | □ | | □ | | □ | |  | |
| 1. Reporting and analysis | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 13 | Business Intelligence | 1. Data capture from various sources | | □ | | □ | | □ | | □ | |  | |
| 1. Data consolidation and repository management | | □ | | □ | | □ | | □ | |  | |
| 1. Real-time analysis and monitoring on service demand and supply | | □ | | □ | | □ | | □ | |  | |
| 1. Clinical research and clinical audit | | □ | | □ | | □ | | □ | |  | |
| 1. Data analysis and reporting | | □ | | □ | | □ | | □ | |  | |
| 1. Predictive analysis | | □ | | □ | | □ | | □ | |  | |
| 1. Cognitive analysis | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 14 | Enterprise Resource Planning System | 1. Report and performance monitoring | | □ | | □ | | □ | | □ | |  | |
| 1. Data analysis for facilitating decision making | | □ | | □ | | □ | | □ | |  | |
| 1. Finance and accounting | | □ | | □ | | □ | | □ | |  | |
| 1. Supply chain management | | □ | | □ | | □ | | □ | |  | |
| 1. Human resources and payroll management | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 15 | Internal Email System | 1. Standard and confidential email functions | | □ | | □ | | □ | | □ | |  | |
| 1. Contact management | | □ | | □ | | □ | | □ | |  | |
| 1. Calendar management | | □ | | □ | | □ | | □ | |  | |
| 1. To-do task management | | □ | | □ | | □ | | □ | |  | |
| 1. Offline archive | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |
| 1. Additional function, please specify | | □ | | □ | | □ | | □ | |  | |