6　Summary

⑴　Classification of the products to be procured : 14, 62, 29

⑵　Nature and quantity of products to be purchased and disposed : OA (Office Automation) service. 1 set

⑶　Type of the procurement : purchase

⑷　Basic requirements of procurement :

A）The system should consist of the followings ; Deploying computing environment for office work use, Groupware Service, File Server, Workflow, Web Filtering Service, Single-Sign-On, Identity Management, Authentication-required Network Printers and Fixed Mobile Convergence.

①　Type of contract should be flexible enough to add terminals and accounts in response to increase of users. (We expect 15% of the total users could increase or decrease during the contract period.)

②　he systems should consist of hardware and software with open system technologies such as International Specification and Japanese Industrial Standards or practical standard technologies.

B）Deploying computing environment for office work use

①　A contractor should lease computing environment for about 2,500 users and offer operation and maintenance services of the computers and the systems.

②　The lease computers should be desktop computers, laptop computers and tablets, and the number of them should be flexible in response to business configuration.

③　Protection of divulging of information from computers has to be made. However, a contractor of this procurement must offer ways to export data from computers.

④　Computers must have a built in wireless network adopter which is compatible with IEEE802.11a／n.

⑤　Operation and maintenance services of the computers have to cover Wireless-LAN. A contractor of this procurement should guarantee service level of operation and maintenance services. (Wireless Network Devices can be replaced if needed.)

C）Groupware Service

①　Groupware Service has to offer the functions of the followings.

a. Web portal
b. Electronic mail
c. Shared address book
d. Scheduler
e. Electronic bulletin board
f. Electronic communication system or Information sharing system between groups
g. Reservation of conference room and equipment
h. File sharing between outside organizations and JST
i. Create document／presentation／spreadsheet／database
j. Visual communication

②　The groupware service must be based on cloud computing or private hosting service.

③　More than 99.9% availability of the service in a 24hours／365days base must be guaranteed.

④　Disaster Recovery Site for this service must be offered.

⑤　The groupware service must be operated only with personal computers and browsers. The groupware service should be operable with multiple vendor web browsers.

⑥　Single-Sign-On authentication service has to be offered to users.

⑦　The contractor must migrate data from the groupware service JST has been currently using to the new groupware service.

⑧　Visual communication should have a function with which one to N and N to N communication with voice and movie can be made.

⑨　Mail storage volume for each user must be more than 20GB.

⑩　Groupware service must be accessible from computers, mobile phones, smart phones and tablet devices.

⑪　Virus check, spam check and web access control on data have to be made on each service on each service.

D）File Server

①　The file server must be based on cloud computing or private hosting service.

②　More than 99.9% availability of the service in a 24hours／365days base must be guaranteed by one part of the area of the file server service (The service should be operated during power inspection of JST). Other part of the service must be guaranteed as more than 99.9% availability of the service in a 24hours／365days base except for the power inspection.

③　Disaster Recovery Site for this service must be offered.

④　The contractor must migrate data from the file server service which JST currently use to the new file server service.

⑤　Full text search function is required.

⑥　Files exported from the file server service must be encrypted.

⑦　Back up data on a regular basis so as to restore data by a file.

⑧　The file server service must have storage of more than 20TB. Data should be able to be made access control on each folder by end users.

⑨　Quota for storage volume has to be limited by groups and a user basis.

⑩　The file server service must have a function which a system administrator can detect files not in user for a long time and remove the files.

E）Workflow Service

①　The work flow must be based on cloud computing or private hosting service.

②　Disaster Recovery Site for this service must be offered.

③　The workflow must be operated only with browsers. The groupware service should be operable with multiple vendor web browsers.

④　Single-Sign-On authentication service has to be offered to users.

⑤　A function of workflow form creation is required. Forms need to be created without programing.

⑥　Workflow forms should have entry assist by mouse hover and pop-up function.

⑦　Workflow forms must have a function of calculation and conditional branching between entries.

⑧　Work flow must have a function that users set an approval work flow without programming.

⑨　An approver need to be dynamically set depending on a submitter.

⑩　Submitters must be able to select departments from multiple choices.

⑪　When an action such as approval, deny and push back is made, an email should be sent to a submitter, approvers, and referrers.

⑫　Workflow must be operated only with browsers. Workflow should be operable with multiple vendor web browsers.