⑤ Common requirements
a Porting and tuning supports for main application programs running on the current system must be provided.
b A wide spectrum of application software and various free software must be installed.
c User management functions for accounting, collecting usage statistics, and authentications in a unified manner across the subsystems and the cloud system must be provided.
d The supercomputer system must be connected to the campus network of Hokkaido university.

B Cloud system
The system to be procured is a high-performance inter-cloud system to establish federations and optimal allocations of private and public cloud systems.
a As a private cloud, the total number of CPU cores and the total capacity of memories must be twice or more as much as the current cloud system, and cluster systems consisting of virtual machines, containers, bare metal servers, and virtual networks can be deployed and managed through the management portal.
b The private cloud must be connected to the campus network of Hokkaido university and SINET5 via 100 Gbps-class high-speed networks to build a nation-wide inter-cloud system infrastructure federation of remote sites and public clouds, and widely distributed virtual private clouds can be deployed and managed through the management portal.
c The total capacity of the cloud storages must be five times or more as much as the sum of the current cloud system storages (cloud storage of the Interdisciplinary Large-Scale Computing System and the PetaByte-class data science unified cloud storage), and the storage infrastructure must be scalable, reliable, and highly efficient.
d Remote backup and archiving system must be provided to enable long-term reliable data store and management for large-scale and wide variety of data.
e Bigdata processing infrastructure must be provided to enable high-speed processing of large-scale and wide variety of data, also collaborating with supercomputer systems of Hokkaido university and other universities to perform pre- and post-processing in a seamless manner.
f Seamless migration of systems and server environment from the current cloud system must be ensured, and portability of applications, virtual machines, and data must be ensured between the private and public cloud systems.
g The system must have cloud broker portal and multi-cloud controller to ensure governance of cloud service utilization related to applications, operations, accounting, auditing, security management, etc. of private, public, and hybrid cloud systems and services.
h The system must have authentication infrastructure federating with GakuNin and HPCI authentication systems to provide services to researchers in Japan, and also provide API authentication key management system infrastructure.
i The system must have firewall and IPS, vulnerability inspection and digital forensic systems etc. to provide unified secure cloud management infrastructure.

C Others
a The supercomputer and the cloud system can be utilized, operated, and managed based on a unified system view with simple graphical user-interface.
b The system must possess high reliability for both hardware and software to provide stable services for 24 hours／365 days basis.
c Total electric power consumption must not exceed 1.2 MVA. The system must be designed to minimize the total electricity consumption, installation space, and operational costs. Also, automated system management and sufficient operation support must be provided.
d Support system must be necessary for both hardware and software to recover from systems failures and security incidents.
e Users' assets such as data, files, software, and systems including virtual machines and their network configurations must be migrated from the current system.

(5) Time limit for the submission of the requested material : 17 : 00 16 December, 2015
(6) Contact point for the notice : Yoshikatsu Ogasawara, Procurement Section, Procurement Division, Hokkaido University, Kita 8 Nishi 5 Kita-ku Sapporo-shi 060—0808 Japan, TEL 011—706—4552

意見招請に関する公示

次のとおり調達物品の仕様書案の作成が完了したので、仕様書案に対する意見を招請します。
平成 27 年 9 月 16 日
国立大学法人三重大学長　駒田　美弘
◎調達機関番号　415　◎所在地番号　24
○第１号
1　調達内容
(1)　品目分類番号　14
(2)　借入物品及び数量　統合医療情報管理システム　一式
2　意見の提出方法
(1)　意見の提出期限　平成27年10月９日17時00分（郵送の場合は必着のこと。）
(2)　提出先　〒514—8507 三重県津市栗真町屋町1577　三重大学財務部契約チーム　三井　明　電話059—231—5320
3　仕様書案の交付
(1)　交付期間　平成27年９月16日から平成27年10月９日まで。
(2)　交付場所　上記２(2)に同じ。
4　仕様書案の説明会
(1)　開催日時　平成27年９月18日14時00分
(2)　開催場所　三重大学医学部会議室
5　Summary
(1)　Classification of the products to be procured : 14
(2)　Nature and quantity of the products to be rent : Integrated Medical Information management Syatem 1 Set
(3)　Time limit for the submission of comments : 17 : 00　9, October, 2015
(4)　Contact point for the notice : Akira Mitsui, Contract Team, Finance Department, Mie University, 1577 Kurimamatiya-cho Tsu-shi 514—8507 Japan, TEL 059—231—5320

意見招請に関する公示

次のとおり調達物品の仕様書案の作成が完了したので、仕様書案に対する意見を招請します。
平成 27 年 9 月 16 日
国立大学法人神戸大学
契約担当役　理事　吉井　一雄
◎調達機関番号　415　◎所在地番号　28
○第５号
1　調達内容
(1)　品目分類番号　14
(2)　借入物品及び数量　図書館システム　一式
2　意見の提出方法
(1)　意見の提出期限　平成27年10月13日17時00分（郵送の場合は必着のこと。）
(2)　提出先　〒657—8501 神戸市灘区六甲台町１－１　神戸大学附属図書館情報管理課情報システム係　波止　教史　電話078—803—5311
3　仕様書案の交付
(1)　交付期間　平成27年９月16日から平成27年10月13日まで。
(2)　交付場所　上記２(2)に同じ。