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⑹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　平成25年3月26日17時00分（郵送の場合は必着のこと。）
⑵　提供先　〒606―8501 京都市左京区吉田本町　京都大学情報部情報推進課財務掛　廣瀬幸一　電話075―753―7403
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　平成25年2月12日から平成25年3月26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　平成25年2月18日13時00分
⑵　開催場所　京都大学学術情報メディアセンター南館1階会議室
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 purchased : Parallel Computational Server 1 Set
⑶　Type of the procurement : Purchase
⑷　Basic requirements of the procurement : This procurement aims to enhance the supercomputer system operating in the Academic Center for Computing and Media Studies, Kyoto University, which is providing large-scale and high-speed computing power to academia in Japan as a member of Joint Usage／Research Center for Interdisciplinary Large-scale Information Infrastructures. The system to be procured consists of the hardware and software of the parallel computing server and other hardware and software components for stable and efficient operation of the server itself and of the existent supercomputer system with which the server is coupled.
A　Parallel Computational Server Hardware
a　The parallel computational server must be a highly-parallel supercomputer composed of multiple computational nodes. Hereafter, the computational node, or the node in short, is defined as a computer system which is composed of a multi-core processor of 8 or more CPU cores, a many-core processor of 60 or more CPU cores, and the mechanism to connect these processors so that data in the main memory of each processor is mutually transferred.
b　The theoretical peak performance on double-precision floating point of each multi-core processor must be 200 GFLOPS or higher, that of each many-core processor must be 1 TFLOPS or higher, and the total sum of them in all nodes of the server must be 600 TFLOPS or higher.
c　The CPU core of multi-core and many-core processors should have the 64-bit IA32 instruction set architecture.
d　Each multi-core processor must have the main memory of 32 GiByte or larger, and each many-core processor must have that of 8 GiByte or larger.
e　The aggregate peak bandwidth of main memory access of each multi-core processor must be 50 GByte／sec or higher, and that of each many-core processor must be 300 GByte／sec or higher.
f　The theoretical peak injection bandwidth of each node to inter-node interconnect must be 15 GByte／sec or higher, and the bi-section bandwidth of the server-wide interconnect must be 3 TByte／sec or higher.
g　Each node must have a hardware management mechanism and a software system for monitoring the hardware operating status.
h　The server must have multiple InfiniBand QDR or FDR interfaces to connect the server with the storage subsystem of the existent supercomputer system, being SFA 10000 of Data Direct Networks. The aggregate peak bandwidth of the connection must be 16 GByte／sec or higher.
i　The server must operate with peak load consuming 200 kW electric power or less.
B　Parallel Computational Server Software
a　Automatic parallelizing compilers for Fortran2003, C99, and C＋＋2003 must be provided for programming of the codes run on both of multi-core and many-core processors. These compilers must support OpenMP version 3.0 or later.
b　The communication library MPI version 2.0 or later must be provided for the parallel programming for both of multi-core and many-core processors.
c　A UNIX-like operating system must be provided for both of multi-core and many-core processors.
d　It must be capable that jobs run on the server are submitted under the control of the job scheduler of the existent supercomputer system, being IBM Platform LSF.
C　Other Requirements : The system to be procured must have three servers, which satisfy the following requirements, so that they work as login servers or management servers.
a　Each login／management server must have two 8-core processors equivalent to or superior to Intel Xeon E-2670.
b　Each login／management server must have a main memory of 64 GiByte or larger. The aggregate peak bandwidth of main memory access must be 100 GByte／sec or higher.
c　Each login／management server must have hard-disk drives whose total capacity is 2 TByte or larger. With these drives, it must be capable to configure hardware-based RAID-1 storage.
d　Each login／management server must have two InfiniBand FDR ports.
e　Each login／management server must have an Ethernet port of 10 Gbit／sec transfer rate and two Ethernet port of 1 Gbit／sec transfer rate.
f　The operating system of login／management servers must be 64-bit Linux equivalent to or superior to Red Hat Enterprise Linux 6 or SUSE Linux Enterprise Server 11.
⑸　Time limit for the submission of the requested material : 5 : 00 PM 26, March, 2013
⑹　Contact point for the notice : Kouichi Hirose, Accounting Section, Information Management Department, Kyoto University, Yoshida-Hommachi Sakyo-ku Kyoto-shi 606―8501 Japan, TEL 075―753―7403

資料提供招請に関する公表

次のとおり物品の導入を予定していますので、当該導入に関して資料等の提供を招請します。
平成25年2月12日
国立大学法人鳥取大学長　能勢　隆之
◎調達機関番号　415　◎所在地番号　31
○第５号
1　調達内容
⑴　品目分類番号　14
⑵　導入計画物品及び数量　学務支援システム一式
⑶　調達方法　借入
⑷　導入予定時期　平成26年度５月以降
⑸　調達に必要とされる基本的な要求要件
A　教務管理（学籍管理、カリキュラム管理、成績管理、シラバス管理等を含む）の機能を中核として、奨学金管理、授業料免除管理、就職管理、授業料債権管理、証明書自動発行等が統一的、効率的に実行できるシステムであること。