6　Summary
(1)　Classification of the products to be procured : 15
(2)　Nature and quantity of the products to be purchased : Information Network System 1 Set
(3)　Type of the procurement : Purchase
(4)　Basic requirements of the procurement :
A　Core Switch
A－1　A fast switch that can ensure a throughput of 10Gbps or more.
A－2　A network switch that has a redundant connection feature that allows for continued communication against maintenance and failure.
B　Authentication Switch
B－1　The network switch must be able to connect to a uplink network device, such as a core switch, at a speed of 1 Gbps or 10 Gbps or higher, depending on the installation location.
B－2　A network switch that has network authentication features in conjunction with an authentication server.
B－3　Any PC should be able to connect to the network with user authentication.
B－4　A switch that can authenticate and connect authorized servers to the network.
B－5　The authentication function should have the ability to authenticate each terminal under the existing switch connected to this switch.
B－6　A switch that has a VLAN allocation function according to the authenticated attributes.
B－7　Provides access lines with 1,000 BASE-LX to each room in Aramaki campus.
B－8　Provides access lines with UTP to each room in other campuses (Showa, Wakamiya, Kamioki, Kiryu and Ota campuses).
C　Large-Scale NAT Device.
C－1　The device must be able to perform NAT or NAPT for 2,000 or more subnets at high speed, and must be able to private address the entire University network.
C－2　It should be easy to identify the pre-NAT address from the post-NAT address. For this purpose, it is desirable to have a device that implements a mapping method that reduces the number of pre-NAT addresses for a single post-NAT address as much as possible.
D　Security System
D－1　The system must have access control using a firewall.
D－2　The system to be able to detect viruses and prevent advanced persistent attacks.
D－3　The system should be able to detect security anomalies in campus computer systems.
D－4　The system should be able to provide a VPN connection ; the VPN connection should only allow access to the VLAN corresponding to the user ID.
D－5　Multi-factor authentication should be able to be used for authentication of the VPN connection. It is desirable to collaborate with the University's SSO (Shibboleth) and use the University's two-step authentication.
D－6　The system should be able to securely change settings from a remote location. The system should have an API that allows integration with proprietary management systems.
D－7　Delivering a throughput of 10Gbps or more.
E　Network Management and Monitoring Systems
E－1　The system should be able to manage and monitor the network.
E－2　Access logs can be collected from authentication floor switches.
E－3　The system must be able to track terminals using a large-scale NAT device.
F　Other
F－1　We ask for proposals for the introduction of IPv6 into the university-wide network.
F－2　We ask for proposals for a architecture that provides one subnet for each of the university's laboratories (2,000 or so) and allows for access control of inter-subnet communication.
F－3　We seek proposals on how to reduce the impact of user-induced loops in a geographically spread dynamic VLAN environment.
F－4　We seek proposals for optical media converters that support connections of 1 Gbps and above to be used as ethernet wall jack for users in the Aramaki area.
(5)　Time limit for the submission of the requested material : 17 : 00　12 February, 2021
(6)　Contact point for the notice : Shinji SEKIYA, Accounting Division, Gunma University, 4―2Aramaki-machi Maebashi-shi 371―8510 Japan, TEL 027―220―7609

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。
令和２年12月21日
国立大学法人九州大学総長　石橋　達朗
◎調達機関番号　415　◎所在地番号　40

○第６号

1　調達内容
(1)　品目分類番号　24
(2)　導入計画物品及び数量　低温域観測型・高分解能電子顕微鏡システム　一式
(3)　調達方法　購入等
(4)　導入予定時期　令和３年度１月以降
(5)　調達に必要とされる基本的な要求要件
A）構成要素１：透過電子顕微鏡本体　一式
B）構成要素２：画像記録システム　一式
C）構成要素３：組成分析システム　一式
D）構成要素４：試料冷却システム　一式
2　資料及びコメントの提供方法　上記１(2)の物品に関する一般的な参考資料及び同(5)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。
(1)　資料等の提供期限　令和３年１月22日17時00分（郵送の場合は必着のこと。）
(2)　提供先　〒819―0395　福岡市西区元岡744　国立大学法人九州大学財務部調達課役務調達係　大木富守郎　電話092―802―2367
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。
(1)　交付期間　令和２年12月21日から令和３年１月22日まで。
(2)　交付場所　上記２(2)に同じ。
4　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。
5　Summary
(1)　Classification of the products to be procured : 24
(2)　Nature and quantity of the products to be purchased : System of High-resolution Electron Microscope for Low-temperature Observations 1 Set
(3)　Type of the procurement : Purchase
(4)　Basic requirements of the procurement :
A）Basic element 1 : Transmission Electoron Microscope 1 Set
B）Basic element 2 : Image Recording System 1 Set
C）Basic element 3 : Composition Analysis System 1 Set
D）Basic element 4 : Specimen Cooling System 1 Set
(5)　Time limit for the submission of the requested material : 17 : 00　22 January, 2021
(6)　Contact point for the notice : OHKI Toshiro, Service Procurement Section, Procurement Division, Finance Department, Kyushu University, 744 Motooka Nishi-ku Fukuoka-shi 819―0395 Japan, TEL 092―802―2367