6　Summary
⑴　Classification of the products to be procured : 24
⑵　Nature and quantity of the products to be purchased : Ultrafine Resolution Analytical Transmission Electron Microscope System 1 Set
⑶　Type of the procurement : Purchase
⑷　Basic requirements of the procurement :
A　The system should be equipped with a Field Emission electron Gun (FEG), which is capable of operating at an acceleration voltage equal to or higher than 200 kV and can be varied.
B　The energy spread of illuminated electron beam should be equal to or less than 0.3 eV
C　The system should have both Transmission Electron Microscope (TEM) mode and Scanning Transmission Electron Microscope (STEM) mode which can be changed easily and operated steady.
D　The point resolution of TEM mode should be equal to or better than 0.20 nm.
E　The system should have a STEM spherical aberration correction function and the point resolution of Annular Dark Field-STEM (ADF-STEM) mode should be equal to or better than 0.08 nm.
F　The system should have a specimen stage which is capable of movement and ± 25 ° range tilting.
G　The system should have a heating TEM holder and is capable of rapid heating (more than 1000℃／ms) and an atomic resolution in-situ observation with high stability at high temperature
H　The system should have an anti-contamination trap equipment.
I　The system should have a CCD camera for acquiring high resolution TEM images and a CCD camera for in-situ observation, acquiring electron diffraction patterns and electron diffraction imaging.
J　The system should have both Bright Field STEM (BF-STEM) and ADF-STEM detector which are capable of acquiring and showing images simultaneously.
K　This system should have a software which can do image analysis and save data as frequent use file type in personal computer system.
L　This system should have an X-ray Energy Dispersive Spectrometer (X-EDS), which is capable of highly precise elemental analysis from B to U, and have a 2-axis tilting Be TEM holder system for analysis.
M　X-EDS detector should be a Silicon drift type detector without liquid nitrogen cooling and has an effective detectable surface equal to or wider than 100 ㎟ and its uptake angle is larger than 0.7 sr.
N　This system should have an Electron Energy Loss Spectroscopy equipment (EELS spectrometer) with Dual EELS acquisition function and be capable of doing high-spatial resolution EELS measurement (spectrum analysis, qualitative and quantitative compositional analysis, spectrum imaging).
O　This system should have an EELS analysis software which is capable of carrying out both qualitative and quantitative compositional analysis and an elemental mapping.
P　The System should have an image observation room with a larger and small fluorescent plate, binoculars, and an
Q　The system is capable of multiple acquiring BF-STEM image, ADF-STEM image, X-EDS elemental mapping and EELS spectrum imaging (or diffraction imaging) simultaneously.
R　The system should have a cooling water circulation unit and environmental utilities which are capable of stable working with the best performance
⑸　Time limit for the submission of the requested material : 5 : 00 PM 23, May, 2013
⑹　Contact point for the notice : Takashi Kikuchi, Procurement Services Office, Finance Department, Tohoku University, 2―1―1 Katahira Aoba-ku Sendai-shi 980―8577 Japan, TEL 022―217―4869

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 4 月 22 日
国立大学法人群馬大学事務局長　井手　孝行
◎調達機関番号　415　◎所在地番号　10
○第１号
1　調達内容
⑴　品目分類番号　22、31
⑵　導入計画物品及び数量　遠隔操作型内視鏡下手術システム　一式
⑶　調達方法　購入等
⑷　導入予定時期　平成25年度３月以降
⑸　調達に必要とされる基本的な要求要件
①　遠隔操作型内視鏡下手術システム
A　内視鏡下手術を支援する装置であること。
B　術者が遠隔で操作できる装置であること。
C　患者への安全性が十分確保されていること。
D　術者は高画質な三次元画像で術野を同定できること。
E　２人の術者が同時に術野で手術を実施できること。
②　遠隔操作型内視鏡下手術装置用トレーニングシミュレーター
F　遠隔操作型内視鏡下手術システムのトレーニングが可能な装置であること。
G　単体でトレーニングが可能な装置であること。
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⑸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６月７日17時00分（郵送の場合は必着のこと。）
⑵　提供先　〒371―8510 前橋市荒牧町４丁目２番地　群馬大学財務部経理課契約係長　関谷　伸次　電話027―220―7066
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４月22日から平成25年６月７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５月15日14時30分
⑵　開催場所　群馬大学医学部附属病院ミーティングルーム
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 : 22, 31
⑵　Nature and quantity of the products to be purchased : Remote controlled endoscopic surgical system 1 Set
⑶　Type of the procurement : Purchase
⑷　Basic requirements of the procurement :
①　Remote controlled endoscopic surgical system
A　The system should be a medical device to assist endoscopic surgery.
B　The system should be remote-controlled by surgeon.
C　Safety to patient should be sufficiently secured in the system.
D　The system enables surgeon to identify the operative field during surgery with high definition 3 D image.
E　This system enables two surgeons to perform the same surgical field at the same time.
②　Training simulator for Remote controlled surgical system
F　This training system have remote-controlled simulation device.
G　This system is simply training simulation device by itself.
⑸　Time limit for the submission of the requested material : 5 : 00 PM 7, June, 2013
⑹　Contact point for the notice : Shinji Sekiya, Procurement Section, Accounting Division, Gunma University, 4―2 Aramaki-machi Maebashi-shi 371―8510 Japan, TEL 027―220―7066