6　Summary
(1)　Classification of the products to be procured : 22, 31
(2)　Nature and quantity of the products to be purchased : Patient monitor and Defibrillator 1 Set
(3)　Type of the procurement : Purchase
(4)　Basic requirements of the procurement :
A　Patient monitor A
(a)　This system is constituted of bedside monitor and transmitter.
(b)　To reduce mistakes of staff members, it should be easy for staffs to use this system, and the system must be the same operating procedure throughout the floors.
(c)　Bedside monitor can be driven by AC power supply 100Ｖ and battery.
(d)　The bedside monitor should have a screen for quickly transmitting alarm information to medical staff when a patient suddenly changes, and for managing past alarm status information in a list form.
(e)　The bedside monitor must be able to store and utilize various biological information, waveform data, and alarm information to aid in patient diagnosis and treatment.
(f)　The bedside monitor has a function of automatically switching to a higher alert alarm when a specific alarm continues to sound for a certain period of time.
(g)　The bedside monitor must be able to measure electrocardiogram, respiratory rate, oxygen saturation, invasive blood pressure, non-invasive blood pressure, body temperature, and end-tidal carbon dioxide partial pressure, and display waveforms and numerical values.
(h)　The display of the operation menu of the bedside monitor must be in Japanese.
(i)　The bedside monitors should have selectable function wired or wireless depending on the situation.
(j)　The bedside monitor should have a printer capable of simultaneously recording the waveform being measured.
(k)　The transmitter must have a function to wirelessly transmit biological information such as electrocardiogram, respiration, and SpO2.
(l)　Transmitter radio channel shall be changeable.
B　Patient monitor B
(a)　Comprehensive management and accumulation of intraoperative biological information.
(b)　Must have the ability to measure electrocardiogram, respiratory rate, SpO2 value, non-invasive blood pressure, end-tidal carbon dioxide partial pressure, body temperature, BIS, invasive blood pressure, and body temperature.
(c)　A function to display electrocardiograms, respiratory curves, pulse waves, and invasive blood pressure waveforms.
(d)　It must have a function to display the trend and a function to change the display width of the trend.
(e)　It shall have a function to notify in three or more stages by color and tone according to the importance.
(f)　The alarm notification method shall have the ability to be notified by screen display, sound, and LED.
(g)　Having a function to save data.
C　Patient monitor C
(a)　Comprehensive management and accumulation of intraoperative biological information.
(b)　Must have the ability to measure standard 12-lead ECG, invasive blood pressure, thermodilution cardiac output, non-invasive blood pressure, percutaneous arterial oxygen saturation (SpO2), respiratory curve, body temperature, CO_2, and BIS.
(c)　Equipped with two waveform display screens.
(d)　Detailed analysis for each beat is possible in blood pressure analysis.
(e)　Patient attribute information can be received in DICOM worklist (MWM method).
(f)　Blood pressure analyzes atrial waves (wave a, wave v, mean pressure), ventricular waves (systolic pressure, early diastolic pressure, end diastolic pressure) and arterial pressure (systolic pressure, diastolic pressure, mean pressure).
(g)　Must have a function to calculate the valve opening area.
(h)　Capable of timer measurement and having functions for relay operation and down-counting.
(i)　The system can be operated with keyboard and mouse.
D　Defibrillator
(a)　Consists of a main body and a movable stand.
(b)　AC power supply 100Ｖ and battery drive.
(c)　Must have defibrillation, AED, pacing, and monitoring functions.
(d)　The output value of the defibrillation function can be changed step by step from the minimum value to the maximum value.
(e)　The defibrillation function shall have a body surface paddle and a disposable paddle.
(f)　The AED function notifies you by voice and screen message when it detects an ECG waveform that requires defibrillation.
(g)　The AED function shall have a function to notify by voice and screen message when an electrocardiogram waveform requiring defibrillation is detected, and a function to automatically charge energy.
(h)　The pacing function shall be able to change the output setting.
(i)　The monitoring function shall have the function of inputting and displaying an electrocardiogram from the electrode leads or defibrillator paddles.
(j)　The monitoring function shall have the ability to notify alarms by screen display, sound, and LED as an alarm notification methods.
(5)　Time limit for the submission of the requested material : 17 : 00　21 August, 2023
(6)　Contact point for the notice : Sumiko Hayashi Contract Section, Accounting and Procurement Division, Kyoto University Hospital, 54 Kawahara-cho Shogoin Sakyo-ku Kyoto-shi 606―8507 Japan, TEL 075―751―3024

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５年７月３日
国立大学法人京都大学長　湊　　長博
◎調達機関番号　415　◎所在地番号　26
○第３号
1　調達内容
(1)　品目分類番号　22、31
(2)　導入計画物品及び数量
人工心肺装置　一式
(3)　調達方法　購入等
(4)　導入予定時期　令和６年度３月以降
(5)　調達に必要とされる基本的な要求要件
A　人工心肺装置
(a)　開心術、大血管手術時において体外循環を確立できること。
(b)　停電時もバッテリ駆動により動作が可能であること。
(c)　日本体外循環技術医学会が勧告する「人工心肺における安全装置設置基準」を遵守する機能を有すること。
(d)　多彩なレイアウトが可能であること。
B　体外循環用血液パラメータ分析装置
(a)　人工心肺回路内血液のガス分圧、酸素飽和度、電解質を連続的にリアルタイムで測定する機能を有すること。