(E)　全自動血液凝固測定装置　１式
①　PT、APTT、Fbg、AT、FDP、Dダイマー、TPAI・C、TAT、PICの項目が１台で測定できること。
②　凝固法の検出方式は、透過光検出方式であること。
③　処理能力は、PT単独で450テスト／時間以上であること。
④　測定時に使用する波長として、５波長以上を有すること。
⑤　検体のサンプリング方式は、キャップピアッシング機能を有すること。
⑥　ラック式サンプラを有すること。
⑦　120検体以上検体が架設できること。
⑧　自動再検機能を有すること。
③　その他
(A)　操作性及び安全性に優れていること。
(B)　将来の機能拡張に対応できること。

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)　資料等の提出期限　令和５年４月７日17時00分（郵送の場合は必着のこと。）

(2)　提出先　〒359―8513 埼玉県所沢市並木３－２　防衛省防衛医科大学校病院事務部運営企画課運営管理係　小町　誠　電話04―2995―1511（内線3017）

３　その他　本公表内容は予定であり、変更することがあり得る。

４　Summary

(1)　Classification of the products to be procured : 22, 31

(2)　Nature and quantity of the products to be purchased : Complete blood coagulation urine general test analysis system 1 Set

(3)　Type of the Procurement : lease

(4)　Time limit for the submission of the requested material : 17 : 00　7, April, 2023

(5)　Basic requirements of the Procurement
①　System configuration :
(A)　Automated hematology system 1 Set
(A)― 1　Hematology analyzer
(A)― 2　Automatic smear preparation equipment
(A)― 3　Automatic Blood Images Analyzer
(A)― 4　Specimen Sorter
(A)― 5　Blood Test Delivery Line
(B)　Hematology analyzer 1 Set
(C)　Hematology analyzer (small instrument) 1 Set
(D)　Fully Automated Urine Particle Analyzer 1 Set
(E)　One fully automated blood coagulation machine 1 Set
②　System performance :
(A)　Automated hematology system 1 Set
The blood test conveyance line system shall be capable of performing a series of processes automatically by connecting four hematology analyzers, one automatic smear preparation device, one automatic blood image analysis device and one sample rearrangement device with the following functions on the conveyance line.
(A)― 1　Hematology analyzer
①　Blood cell count, white blood cell differential and reticulocyte measurement systems can be measured by laser light or electrical resistance.
②　8 items of blood count (White blood cell count, red blood cell count, hemoglobin concentration, hematocrit value, platelet count, mean corpuscular volume, mean corpuscular hemoglobin, mean corpuscular hemoglobin concentration), white blood cells differential (Neutrophils, eosinophils, basophils, lymphocytes, monocytes) and reticulocytes can be measured.
③　In the measurement of platelets, it should have a fluorescent staining measurement mode and be able to measure platelets with high accuracy and precision.
④　It should have a dedicated mode for measuring body fluids.
⑤　Processing capacity should be at least 110 samples per hour for blood count and white blood cell differential, and at least 80 samples per hour for blood count, white blood cell differential, and reticulocyte.
⑥　It should have automatic and manual modes when sampling during specimen measurement.
⑦　It can be measured with a sample aspiration volume of 90 μl or less in whole blood measurement mode.
(A)― 2　Automatic smear preparation equipment
①　Smear preparation should be wedge method.
②　It should be stained by the Meigrinwald-Giemsa staining method and should be able to stain automatically.
③　The staining process and time can be set.
④　Processing capacity should be at least 75 samples per hour.
⑤　It can be measured with a sample aspiration volume of 70 μl or less in normal measurement mode.
⑥　It should be able to stain manually prepared smears at the same time.
⑦　It should be able to print necessary information (barcodes, alphanumeric characters) on the frosted part of a slide glass.
(A)― 3　Automatic Blood Images Analyzer
①　It should automatically be able to classify band neutrophils, segmented neutrophils, eosinophils, basophils, lymphocytes, monocytes, promyelocytes, myelocytes, metamyelocytes, blasts, atypical lymphocytes and plasma cells by digital image analysis of smears.
②　It should be able to characterize polychromatic cells, hypochromatic cells, anisocytosis, microcytes, macrocytes and poikilocytosis.
③　Maximum Processing capacity of peripheral blood samples should be at least 30 samples per hour.
④　It should be able to read the one- and two- dimensional barcodes printed on the specimen with an Automatic smear preparation equipment and receive patient information from laboratory information system.
⑤　It should be able to display the blood count result and white blood cell differential result of the automatic blood cell counter when viewing the measurement result as requested information from laboratory information system.
⑥　With network connection, work such as viewing measurement results and approving specimens can be performed at a PC terminal far from the equipment.
(A)― 4　Specimen Sorter
①　It should be able to sort samples automatically.
②　It should be able to store at least 1000 specimens at a time.
③　It should be able to sort samples according to their intended use, such as for normal samples and retesting.
④　Separation of storage areas should have a function that can be set for each user.
(A)― 5　Blood Test Delivery Line
①　The specimen feeder should have a function corresponding to 10 column specimen racks on which a 2 ml blood collection tube can be carried.
②　It should be equipped with a barcode reader that automatically confirms arrival.
③　It should be able to warn of barcode reading errors.