

## **BACKGROUND**

In April 15 the MOD signed a contract with Leidos Europe Ltd to provide the procurement and inventory management of commodity items (as well as the storage and distribution services) historically provided in-house by the Logistic Commodities and Services Operating Centre. Leidos, working with the MOD, will transform the way these services are delivered to ensure requirements continue to be met whilst providing best value for money for the department. The organisation delivering these services is known as Team Leidos.

## **FUTURE ARRANGEMENTS**

Team Leidos would like to make interested suppliers aware that it intends to invite tenders for its Patient Monitor and a separate 12 Lead ECG requirement later this year, with a view to awarding Contracts that will commence in early 2018 for circa 400 Patient Monitors and 200\* 12 Lead ECG Machines

(\* these figures are only estimates).

Team Leidos require these to be shipped to Military Medical Facilities UK and Abroad.

A main factor of this requirement is to supply these products within normal industry lead times to these different sites.

## **PROCESS**

Team Leidos wishes to stimulate interest, information and views across the market for the supply of this requirement via this Request for Information (RFI) together with other companies whom Leidos believes may be able to provide useful intelligence on our requirement.

Team Leidos is seeking information / views and would be grateful if you could answer the following questions:

Please send responses and queries directly to [Richard.Benford-Miller100@mod.gov.uk](mailto:Richard.Benford-Miller100@mod.gov.uk)

## **KEY USER REQUIREMENT**

The potential Key User Requirements (KUR) are listed below for both the Patient Monitor and the 12 Lead ECG.

Please advise whether you able to meet these requirements.

Patient Monitor

<b>ID (a)</b>	<b>KUR (b)</b>	<b>Remarks (c)</b>
1.	A device to be used within a clinical treatment room to provide vital signs monitoring for all <b>neonatal, paediatric and adult</b> patients.	Parameters required to be easily viewed on an LCD screen includes: 3 lead ECG/RESP, SpO2, NIBP, Blood pressure and Pulse Rate. If the device stores the recorded data, the ability to transfer the data electronically must be

		provided. Must be provided with a suitable wheeled stand which can easily store the in-use ancillaries.
2.	As far as possible, the device is to be compatible with current leads and cuffs for neonatal, Pediatric and adult modes.	All probes, leads etc are to be sized to accommodate all patient ages specified. All consumables are to be available to be demanded via the MoD electronic on line ordering system.
3.	Standard UK mains power supply.	50 to 60 Hz 220 to 240 VAC.
4.	Provided with an integral rechargeable battery pack.	Battery is automatically charged when equipment is connected to a mains power supply.
5.	Minimal servicing / calibration requirement.	Appropriate support for the equipment through life is to be provided. Item to need minimal calibration or maintenance. Preferred solution is to utilise MDSS/DECA resource.
6.	Device and all ancillaries to be easily cleaned.	To be compatible with current in service supplied disinfecting products.
7.	The device must be CE marked and comply with all EU and UK safety requirements.	The Delivery Partner (DP) is to ensure the supplier meets all relevant standards.

## 12 Lead ECG

ID (a)	KUR (b)	Remarks (c)
1	The device must be able to perform 3, 6 and 12-lead, user selectable channel, simultaneous ECG acquisition, via surface (skin) applied electrodes for adult, paediatric and neonatal patients.	<p>Skin applied electrodes can be either press stud or clip design, but must be available as associated single use consumables.</p> <p>The device must have user selectable sensitivity settings of 5, 10 and 20 mm//mV.</p> <p>The device should have artefact and low and high pass frequency filters.</p> <p>The device must have user selectable lead report formats of 3x4 and 6x2, plus continuous rhythm recording of up to 12 selected leads.</p> <p>The device must be capable of operating continuously in ambient temperatures between 10-40°C and relative humidity of 15-90%.</p> <p>The device must be capable of being stored continuously in ambient temperatures</p>

		between 10-50°C and relative humidity of 15-90%.
2	The device must have a user friendly interface with integrated alphanumeric keyboard for patient data entry.	Keyboard can be hard key or touchscreen.
3	The device should have user selectable automatic, manual and rhythm modes; including a function to initiate immediate rhythm recording of all 12-leads	A manual 'quick-start' function should be easily identifiable to the user and facilitate priority override over all other functions.
4	The device must have an integrated digital display and be able to provide a real time digital display of ECG waveforms, with signal quality indication for each lead	This should include lead disconnect detection.
5	The device must have an integrated printer.	Printer function required to provide a continuous spooling print in A4 width.
6	The device must be able to store, process and export digital data in accordance with the requirements at Reference C	Digital processing, storage and transfer of digital ECG data must comply with SCST Clinical Standards Committee requirements that minimise reduction in data quality.
7	The device should facilitate export and upload of ECG data direct to the DMS maintained patient health record (via DMICP/ Project CORTISONE interoperability), and Compatible with the current MUSE software, with the ability to remove and encrypt the reports electronically.	The device should export digital ECG images in a file format compatible with direct import and viewing within the patient's digital health record. Where data export and viewing within MOD systems and by ECGMS requires manufacturer specific software installation, assurance of compatibility, product support and all associated software licences must be included.
8	The device should be compatible with current in-Service cables and interchangeable electrode clips, used for neonatal, paediatric and adult modes.	If current in-Service leads are not compatible with a replacement capability, provision of replacement leads must be included and made available on the MoD electronic ordering system.
9	The device must be portable and provided with a suitable wheeled trolley with integral shelf or drawer on/in which to store accessories.	To enable the device to be safely operated and easily moved within a medical facility with minimal effort and provide suitable storage for associated disposables.
10	The device must be able to be easily cleaned by the user.	Comply with medical equipment infection, prevention and control requirements
11	The device should have built-in defibrillation protection.	To ensure Patient Safety is maintained.
12	The device must utilise standard UK mains power supply.	50 to 60 Hz 220 to 240, 3 pin plug.
13	The device must be provided with an integral rechargeable battery pack for portable use.	Battery is charged when equipment is connected to main power supply. Battery to provide minimum of 1 hour of continuous rhythm recording on a single battery charge prior to recharge requirement. Battery should be user replaceable / interchangeable on failure where mains power connection is unavailable. Charge time: no more than 3 hours from total discharge.
14	The device must be CE marked and	The Delivery Partner (DP) is to ensure the

	comply with all EU UK & relevant international safety requirements.	supplier meets all relevant standards.
15	Minimal servicing / calibration requirement.	Appropriate support for the equipment through life is to be provided. Item to need minimal calibration or maintenance. Preferred solution is to utilise MDSS/DECA resource.

### **Company Capabilities**

- *Does your organisation currently manufacture, distribute, any combination of these products in the UK?*
- *Are you currently providing these products elsewhere in the Public Sector? (If so please detail where possible)*
- *What innovation can you offer to reduce the cost of these products supply to Leidos?*

### **Ordering/Delivery**

- *What is the commercial norm for ordering?*
- *What is your average lead time?*

### **Product**

- *Are your products CE certified?*