

**All-India Institute of Medical Sciences**  
**Ansari Nagar, New Delhi-29**  
**(RESEARCH SECTION)**

**Ref. No. 56/Stores/Neuroanaes/KG/2017-18/RS**

**Dated: 01.03.2018**

**Subject: Purchase of ICM+ software, for the Deptt. of Keshav Goyal, AIIMS, New Delhi-29 on proprietary basis- Inviting comments thereon.**

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The request has been received from Dr. Keshav Goyal, Deptt. of Neuroanaesthesiology, AIIMS to purchase the subject item from M/s Cambridge Enterprise Limited, UK on proprietary basis. The proposal submitted by M/s Cambridge Enterprise Limited and Performa Invoice and Departmental PAC certifications are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference **No. 56/Stores/Neuroanaes/KG/2017-18/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **15-03/2018 upto 12:00 p.m.**, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

**STORES OFFICER (RS)**

**Encl: Related documents enclosed.**

- 1. Departmental PAC Certificate enclosed.**
- 2. Performa Invoice**

### **Technical specifications of the ICM+ software**

**This Software is computer software program that provides a real time analysis of measurements obtained from subjects in clinical trials in an intensive care of neurosurgical environment including without limitation computer discs and manuals and documentation in electronic and printed format.**

**This is required for the period of two years from the date of purchase.**

#### **Devices to be supported**

Any monitor with analogue output (eg. Finapres non-invasive ABP monitor and invasive Blood pressure monitor) preferably with analogue to digital converter.

Codman ICP monitor, only via a compatible patient monitor (eg. Intellivue or Spiegelberg monitors)

Invos and NoninSensmart NIRS, via RS232 interface

Devices with digital output (RS232) using simple ASCII protocol that continuously outputs records of values (eg. Covidien or Foresight NIRS).

#### **Required signals to monitor**

Any signals provided by the supported monitoring devices

#### **Applications**

Clinical research in adult and pediatric intensive care

#### **Configurations supplied**

Full ability for custom configuration of monitored signals as well as on-line (and off-line) analysis. In addition the following set of configurations shall be provided to facilitate collaboration and provide examples:

##### **1. Standard ICU with ICP/ABP**

Mean ICP, systolic ICP, diastolic ICP, nICP, heart rate, amplitude of pulse wave, amplitude of respiratory wave, power of slow waves, RAP, mean ABP, systolic ABP, diastolic ABP, CPP, PRx, RAC, and if available also temperature, end-tidal CO<sub>2</sub>, SvO<sub>2</sub>.

##### **2. Standard short term monitoring ABP/TCD for cerebrovascular reactivity assessment**

As above but without ICP and with higher analysis rate

### 3. Standard overnight monitoring of ICP and for CSF infusion tests

Mean ICP, systolic ICP, diastolic ICP, nICP, heart rate, amplitude of pulse wave, amplitude of respiratory wave, power of slow waves, RAP

#### Add-on tools supplied

CSF Infusion Test tool and cerebrovascular reactivity tools set

#### **Maintenance Updates**

This Agreement shall include software version updates for the duration of the Term at no additional cost along with maintenance as per requirement. This is required for the period of two years from the date of purchase/ installation.



## Invoice

Cambridge Enterprise Limited  
University of Cambridge  
Hauser Forum  
3 Charles Babbage Road  
Cambridge CB3 0GT UK  
Tel: +44 (0)1223 763710  
Fax: +44 (0)1223 763753  
Email: [finance@enterprise.cam.ac.uk](mailto:finance@enterprise.cam.ac.uk)  
[www.enterprise.cam.ac.uk](http://www.enterprise.cam.ac.uk)

Invoice Details:	
Jai Prakash Narayan Apex Trauma Center (Ring Road) New Delhi 110 029 India	Invoice Number: 0000004911
	Invoice Date: 28/02/2018
	Your Reference: A13148
	Account Reference: JAI PRAK

Description	Quantity	Unit Price £	Net £
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For the Attention of: Keshav Goyal - [keshavgoyalster@gmail.com](mailto:keshavgoyalster@gmail.com) 1 2,000.00 2,000.00

Supply Order (SO) No.: 12-136/A-334/NA/KG/15-16/RS

Licence fee for use of the ICM+ software for the period 2nd May 2018 until 2nd May 2020.

Fee = £2,000.00 + withholding taxes if applicable

CE Case Information  
Agreement Manager: Lily Chan  
Agreement Reference: A13148  
Case Reference: SMI-833-03

Bank Details: <b>Please note our new Sort Code and IBAN No.</b>	Invoice Totals £	
Please make cheques payable to Cambridge Enterprise Ltd. Barclays Bank Plc. 9-11 St Andrews Street, Cambridge CB2 3AA Bank sort code: <b>20-17-68</b> Account Name: Cambridge Enterprise Ltd. Account No.: 90532215 SWIFT: BARC GB22 IBAN: GB84 BARC 2017 6890 5322 15	NET	2,000.00
	VAT	0.00
	GROSS	2,000.00
	Terms : 30 days from invoice date	
VAT Number		



Cambridge Enterprise Limited is registered in England and Wales  
Company Number 1069886 VAT Number GB 823 8476 09  
Registered Office: The Old Schools, Trinity Lane, Cambridge CB2 1TN



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enterprise

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Keshav Goyal  
Jai Prakash Narayan Apex Trauma Center  
AIIMS  
Ring Road  
New Delhi 110 029  
India

20<sup>th</sup> January 2016

Dear Keshav,

**Re: Proprietary declaration regarding ICM+® software**

I write to confirm that the ICM+ software was developed at the University of Cambridge by Dr Peter Smielewski and Prof Marek Czosnyka. All rights to the ICM+ software were assigned by the creators and the University to Cambridge Enterprise Limited, itself a wholly owned subsidiary of the University of Cambridge, who have the exclusive rights to offer licenses to this software. The ICM+ software is a proprietary piece of software that Cambridge Enterprise Limited licenses out on a non-exclusive basis.

The software is configurable depending on each client's needs, so our pricing is not fully standardised. However, we have traditionally licensed the software out under non-exclusive terms for research use at a rate of £6,000 plus tax. Attached is a redacted invoice for the software that Cambridge Enterprise Limited recently licensed out to a centre similar to yours.

Yours sincerely

Dr Christopher J Arnot  
Manager | Research Tools  
[christopher.arnot@enterprise.cam.ac.uk](mailto:christopher.arnot@enterprise.cam.ac.uk)

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