



भारत सरकार/Government of India
स्वास्थ्य और परिवार कल्याण मंत्रालय/ Ministry of Health and Family Welfare
प्रधानमंत्री स्वास्थ्य सुरक्षा योजना/PMSSY
अखिल भारतीय आयुर्विज्ञान संस्थान/All India Institute of Medical Sciences
मंगलगिरि, आंध्र प्रदेश/Mangalagiri, Andhra Pradesh

www.aiismangalagiri.edu.in

Ref: AIIMSM-ADMN/PROC(CPPP)/30/2025-Procurement AIIMS MG

Date: 25-07-2026

Call for Objection

Subject: Inviting comments/objection, if any before declaring proprietary article for procurement of “**Minimally Invasive Cardiac Output Monitor**” for the Department of Anaesthesiology, AIIMS Mangalagiri.

Anaesthesiology Department, AIIMS Mangalagiri has to procure “**Minimally Invasive Cardiac Output Monitor**” through Proprietary Article basis.

The proposal submitted by **M/s. Getinge Medical India Pvt. Ltd.**, #9th Floor, E Wing, Times Square Building, Mathuradas Vasanji Road, Marol Village, Andheri (East), Mumbai – 400059 states that the firm is the sole manufacturer and distributor of **PULSION** products in the territory of India. The Proprietary Article Certificates have been attached and uploaded on Institute’s website.

The above documents are being uploaded for open information to submit objections, comments if any from any manufacturer/supplier before declaring proprietary article of the said equipment/items to be procured, within 10 days (i.e. 05-09-2026) from the date of issuance/uploading of the notification.

The objection should be raised in the technical compliance sheet as enclosed in Annexure -I, if any Firm claiming suitability of their product with respect to specification mentioned.

The comments should be sent to the office of Procurement Cell, Room no: 2151, Logistic block at AIIMS Mangalagiri in a sealed envelope with above reference on or before 05-09-2026 up to 05:00 PM from the date of uploading on institutional website, failing which it will be presumed that any other manufacture/vendor is having no comment to offer and case will be decided on merits.

-sd-

AAO (Procurement Cum Central Stores)
AIIMS Mangalagiri

P-3 FORM

(To be attached with P-2 form for Proprietary items)

AIIMS Mangalagiri

PROPRIETARY ARTICLE CERTIFICATE

It is certified that the items (Minimally invasive cardiac output monitor) required in the P-2 form should be purchased from M/s. PULSION Medical Systems SE or their authorized dealers.

To the best of my knowledge PULSION Medical Systems SE. are the sole Manufacturer / agents of the sole manufacturers.

Similar items manufactured by other firm(s) shall not be suitable for our purpose for the following reasons:

1. The system employs a thermistor- tipped catheter in a major artery and central venous line to measure and analyze blood temperature changes providing real time cardiac output data and derived parameters like global end-diastolic volume and extravascular lung water.

M. Kiran
(Sign of indenter)
Date: 12.08.2025

Dr. Molli Kiran
Associate Professor
Department of Anaesthesiology
AIIMS, Mangalagiri
APMC 76423

Designation Department: Anaesthesiology.
Recommend at on:

Recommend at on:

S.F.
13/8/25

HOD, Department of Anesthesiology
All India Institute of Medical Sciences
Mangalagiri, Andhra Pradesh.

Signature of Head of Department/Section

N.B.: The indenter before recording the above certificate should satisfy himself that the article is genuinely of proprietary nature manufactured under patent laws.

March 24, 2023
Feldkirchen, Germany

GETINGE 

PULSION Medical Systems SE | Hans-Riedl-Str. 21 |
85622 Feldkirchen | Germany

To whom it may concern

PULSION Medical Systems SE
Hans-Riedl-Str. 21
85622 Feldkirchen
Germany

Phone: +49 89 45 99 14 - 0
Email: zentrale.pulsion@getinge.com

Proprietary Article Certificate

Dear Customers,

We, PULSION Medical Systems SE, hereby certify that the PULSION products listed below are proprietary to PULSION Medical Systems SE, Feldkirchen, Germany. These products have been developed and are exclusively offered by PULSION Medical Systems SE.

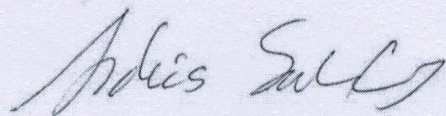
Product Description	REF
PulsioFlex	PC4000

Best Regards,

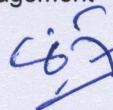
PULSION Medical Systems SE



Daniel Röckl
Product Manager international



Andras Sarkany
Director Product Management

 13/8/23

HOD, Department of Anaesthesiology
All India Institute of Medical Sciences
Mangalagiri, Andhra Pradesh.

Page 1 of 1

PULSION Medical Systems SE
Hans-Riedl-Str. 21
85622 Feldkirchen
Germany

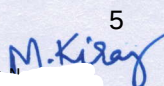
Phone: +49 89 45 99 14 - 0
Email: zentrale.pulsion@getinge.com
www.getinge.com

HRB192563, VATIN DE204234444
Administrative Board: Elin Frostehav
(Chairman)
Managing Director: Stephan Haft

Dr. Molli Kiran
Associate Professor
Department of Anaesthesiology
AIIMS, Mangalagiri
APMC 76423

Dr. K. MANI KIRAN
M.D., D.M. (Paediatric Anaesthesia)
Assistant Professor
Dept. of Anaesthesiology
AIIMS, Mangalagiri.
No. 80075


Dr. DODDA BRAHMAM
DMCVA
Assistant Professor
Dept. of Anaesthesiology
AIIMS, Mangalagiri

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LETTER OF AUTHORISATION

Effective Date: 25th May 2025

To whom it may concern,

We, as Getinge Group manufacturers listed in Attachment 2, hereby confirm that the Sales and Service entity mentioned in Attachment 1 is our Deemed OEM (Original Equipment Manufacturer) in the territory of India for all product groups, and the entity is authorized for the products in its own name to take below action:

- (a) Registration
- (b) Importation
- (c) Bid for Tenders
- (d) Sales and Marketing
- (e) Training
- (f) Installation
- (g) Maintenance
- (h) After-sales-service
- (i) Authorize local Distributors

The entity may answer all technical and commercial questions that might be requested. We declare that no one other than this entity is authorized to take the above actions for the products and that any products that are imported into India not by the entity, but by third parties or through secondary suppliers as parallel trade will not carry warranty of our manufacturers.

We agree and confirm that the warranty period for all mentioned medical devices and life science products is dependent on the Business Area's own Sales Terms and Condition. The authorized entity via this LoA, has the authority to locally extend the warranty time if required.

Additionally, we confirm that we will continue to provide spare parts and service according to our company policy, which is for a minimum of 7 (seven) years after the last production of any particular model.

For Business Areas and its Affiliates:

Signature: Elin Frostehav
Electronically signed by: Elin Frostehav
Reason: I approve this document.
Date: May 27, 2025 10:04 EDT

Name: Elin Frostehav
Title: President, Acute Care Therapies

Signature: Eric Honroth
Electronically signed by: Eric Honroth
Reason: I approve this document.
Date: Jun 4, 2025 06:46 EDT

Name: Eric Honroth
Title: President, Life Science

Signature: Stéphane LE ROY
Electronically signed by: Stéphane LE ROY
Reason: I approve this document.
Date: Jun 4, 2025 09:51 GMT+2

Name: Stéphane Le Roy
Title: President, Surgical Workflows

ATTACHMENT 1 – SALES AND SERVICES ENTITIES GETINGE GROUP

Legal Entity Code and Name	Address	Country/ Region of the Legal Entity	Territory of the Legal Entity
IN01 – Getinge Medical India Private Limited	09th Floor, E Wing, Times Square Building, Mathuradas Vasanji Road, Marol Village, Andheri (East), Mumbai - 400059, Maharashtra, India	India	India
IN03 – Getinge India Private Limited	09th Floor, E Wing, Times Square Building, Mathuradas Vasanji Road, Marol Village, Andheri (East), Mumbai - 400059, Maharashtra, India	India	India

ATTACHMENT 2 – MANUFACTURING SITES GETINGE GROUP

Business Area	Product Area	Legal Entity Code and Name	Address
ACTH - Acute Care Therapies	Digital Solutions	US35 - Talis Clinical, LLC	650 Mondial Parkway US-44241 Streetsboro, OH
	Cardiac Assist	US32 - Datascope Corp.	15 Law Drive 07004, Fairfield, NJ US United States
	Critical Care	DE31 - PULSION Medical Systems SE	Hans-Riedl-Str. 21 85622 Feldkirchen DE Germany
		DE62 - Maquet Medical Systems AG	Kehler Straße 31 DE-76437 Rastatt DE Germany
		SE31 - Maquet Critical Care AB	Box 6108 171 06 Solna SE Sweden
	Cardiopulmonary	DE33 - Maquet Cardiopulmonary GmbH	Kehler Straße 31 DE-76437 Rastatt DE Germany
		DE34 - MediKomp GmbH	Kehler Straße 31 DE-76437 Rastatt DE Germany
		DE36 - Irasun GmbH	Lichtenbergstraße 8, 85748 Garching, Germany
		TR31 - Maquet Cardiopulmonary Medikal Teknik San. Tic Ltd	Serbest Bolge R Ada, 108/1,109/1,110/1,111/1 Parseller 1 Cadde Dis, Kapı No:8 Adres No: 2419050956 / 07070 Antalya / TR Turkey
	–Cardiovascular Surgery	US30 - Maquet Cardiovascular LLC	45 Barbour Pond Drive 07470 Wayne US United States
		FR32 - Intervascular SAS	ZI Athélia I 13600 LA CIOTAT FR France
	–Endovascular Solutions	US33 - Atrium Medical Corporation	40 Continental Blvd Merrimack, NH 03054 US United States
	Transplant Care	US44 – Paragonix Technologies Inc.	950 Winter Street, 2nd Floor 02451 Waltham, MA US United States

Business Area	Product Area	Legal Entity Code and Name	Address
		US08 – Transplant Advocates LLC	950 Winter Street, 2nd Floor 02451 Waltham, MA US United States
LISC - Life Science	Life Science	FR30 - Getinge Life Science France SAS	1 rue du Comté de Donégal 41100 VENDOME FR France
		NL30 - Applikon Biotechnology B.V.	Heertjeslaan 2 2629 JG Delft NL The Netherlands
		SE33 - Getinge Sterilization AB	BOX 69 305 05 Getinge SE Sweden
		US41 - High Purity New England, Inc.	2 Thurber Blvd. 02917 Smithfield, RI US USA
SWIC - Surgical Workflows	Infection Control	FR34 - LTA Medical SAS	27 rue Albert Einstein FR- 93 000 Bobigny FR France
		GB31 - Quadralene Limited	Unit 3, Indurent Park, Andressey Way, Chaddesden, Derby DE21 6YH United Kingdom
		PL30 - Getinge IC Production Poland Sp. Z. o.o.	ul. Szkolna 30 PL-62-064 Plewiska PL Poland
		SE32 - Getinge Disinfection AB	BOX 1505 SE 351 15 Växjö SE Sweden
		US37 - Steritec Products, Manufacturing Co, Inc.	74 Inverness Drive East 80112 Englewood US United States
		US40 - Ultra Clean Systems, Inc.,	110 Douglas Road East US-34677 Oldsmar, FL US USA
		US42 - Healthmark Industries Co., Inc.	18600 Maylyn Blvd. 48026-3496 Fraser, MI US USA
	Digital Health Solutions	DE35 - Getinge IT solutions GmbH	Südportal 5 22848 Norderstedt DE Germany
		DK30 - Getinge IT Solutions ApS	Amaliegade 4, 1 1256 Copenhagen K DK Denmark

Business Area	Product Area	Legal Entity Code and Name	Address
		DK31 - Getinge Cetrea A/S	Brendstrupgårdsvej 21 F 8200 Aarhus N DK Denmark
		GB30 - Getinge IT Solutions Limited	Unit 5 Bowling Hill Business Park, Chipping Sodbury BS37 6JL, Bristol GB Great Britain
	Surgical Workplaces	CN32 - Maquet (Suzhou) Co.Ltd	No 158 Fangzhou Road,SIP CN-215 024 Suzhou CN China
		DE30 - MAQUET GmbH	Kehler Str. 31 DE-76437 Rastatt DE Germany
		FR03 - Maquet SAS	Parc de Limère Avenue de la Pomme de Pin CS 10008 Ardon 45074 ORLEANS FR France
		FR33 - Fluoptics SAS	44 rue des Berges 38000 Grenoble, France
		IN03 - Getinge India Pvt Ltd	203, Fulcrum "B" Wing, 2nd Floor, Airport Road, Andheri East, Mumbai 400 099 IN India

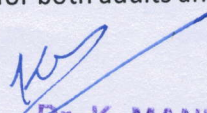
Technical specifications for Continuous Cardiac Output Monitor

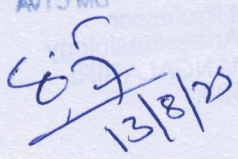
1. Monitor intermittently or continuously displays hemodynamic measurement when used with appropriate disposable sensors.
2. Touch screen feature with color display of a screen size 8".
3. Low weight of around 3 kgs.
4. Both minimally invasive Cardiac output trend monitoring and calibrated cardiac output monitoring.
5. Display capacity for simultaneous monitoring of 2 waveforms, 2 trend lines and 4 numerical parameter.
6. Multiple layout overviews for fast overview of hemodynamic situation.
7. Physio overview screen and decision models algorithms to aid in therapy decisions.
8. Parameter overview screen with traffic light icon system.
9. Option to set upper and lower alarm limits for different parameters.
10. Alarm protocols to access log of previous alarms.
11. Ability to record data
12. Save graphical trend data upto 3 days.
13. Data export facility via USB stick .
14. Option for Data output for external PDMS or direct print
15. Option to mount on pole with dedicated holder
16. Dedicated cart for mounting.
17. Continuous Cardiac Output trend using any standard arterial line with following features and parameters
 - a) Beat to beat cardiac output trend for optimal hemodynamic management and based on pulse contour analysis.
 - b) Work with standard arterial catheter.
 - c) Use the standard pressure monitoring transducer to support easy setup.
 - d) Ability to be calibrated manually using external data input
 - e) Continuous cardiac output trend
 - f) Stroke volume index
 - g) Pulse pressure variation
 - h) Stroke volume variation
 - i) Left Ventricular Contractility Index
 - j) Cardiac Power Index
18. Continuous cardiac output trending sensor with LED for visual indication of signal quality.
19. Gives absolute and continuous cardiac output measurement using dedicated catheter with following features and parameters


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AP-522 503.

- a) Cardiac Output measured with transpulmonary thermodilution technology using dedicated kit for the purpose.
- b) Catheters available for multiple monitoring sites.
- c) Femoral catheters for both adults and pediatrics.


Dr. M. Kiran
Associate Professor


Dr. K. MANI KIRAN,
M.D., D.M. (Paediatric Anaesthesia)
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AIIMS, Mangalagiri.
Regd No 80075


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HOD, Department of Anesthesiology
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Mangalagiri, Andhra Pradesh.

- c) Temperature sensor at catheter tip.
 - d) Global end diastolic volume
 - a) Global ejection fraction
 - b) Cardiac function index
 - c) Intra thoracic blood volume
 - d) Extra lung water index
 - e) Pulmonary vascular permeability index
 - f) Cardiac Power Index
 - g) Monitoring kit available from same manufacturer for monitoring and input CVP to the monitor for TPTD
 - h) Injectate housing available from same manufacturer
20. Physical demonstration of the product is mandatory.
21. Warranty for 5 years & AMC/CMC for a 5 year period is compulsory.
22. Consumables for 10 patients should be provided with machine and separate quotation to be provided for uninterrupted supply till CAMC is active.
23. All firms should have supplied the quoted instruments to the reputed central government hospitals like AIIMS, PGI, etc. and should submit a certificate of satisfactory working from the concerned government hospital.

[Signature]

Dr. DODDA BRAHMAM
DM CTVA
Assistant Professor
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AIIMS, MANGALAGIRI
AP-522 503.

[Signature]

Dr. Molli Kiran
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Department of Anaesthesiology
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Dr. K. MANI KIRAN,
M.D., D.M. (Paediatric Anaesthesia)
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[Signature]
13/8/25

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All India Institute of Medical Sciences
Mangalagiri, Andhra Pradesh

ANNEXURE – I**SPECIFICATIONS**

Objection should be submitted in following format:

S. no	Item specification as given	Specification offered by firm	Deviation if any	Remarks