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भारत सरकार / GOVERNMENT OF INDIA
डॉ राम मनोहर लोहिया अस्पताल,
अटल बिहारी वाजपयी आयुर्विज्ञान संस्थान, नई दिल्ली
DR. RAM MANOHAR LOHIA HOSPITAL,



ATAL BIHARI VAJPAYEE INSTITUTE OF MEDICAL SCIENCES, NEW DELHI - 110001

(PROCUREMENT SECTION)

File No. Proc-11014/29/2025-Dr.RMLH/5937
(E File 29416)

दिनांक/Dated, the. 15/12/2025

NOTICE

**SUB :- Procurement Penumbra System /Engine for Department of Cardiology -
reg**

This hospital intends to procure **Penumbra System /Engine** manufactured by **M/s Penumbra, Inc., One Penumbra Place, Alameda, CA 94502** for this hospital on **Proprietary Basis** through distributor **M/s Sahajanand Medical Technologies Limited** as per enclosed **Technical Specification.**

2. The Technical Specification is being uploaded for open information to all manufacturers/suppliers to submit objection/representation, comments on the above proposal within **30 days** to the **Procurement Section, Dr. Ram Manohar Lohia Hospital, New Delhi** from the date mentioned above, failing which it will be presumed that any other supplier is having no comment to offer and the case will be decided on merits. The comments/objections/representation to be submitted on the following: -

- i) Whether the above equipment is manufactured by any other manufacturer other than **M/s Penumbra, Inc., One Penumbra Place, Alameda, CA 94502.**
- ii) Fulfill all the parameters as per technical specifications.

Encl : Technical Specification


15/12/25
**OFFICER INCHARGE
(PROCUREMENT)**
Dr. (Prof.) Lokesh Kumar Sharma
Officer in Charge
Procurement Section
ABVIMS and Dr. RML Hospital
New Delhi-110001

Technical Specification for Penumbra System/Engine

1. Engine should have Powerful aspiration pump with 29-inch HG deep vacuum.
2. It should supply with Canister with integrated clot catheter.
3. Equipment's LED Canister should be sleek and simple design. Indicated to be used in Coronary acute thrombus.
4. Equipment should capable to Pulmonary Embolism, Deep Venous thrombus and Stroke procedures.
5. Firm should capable to supply required catheters quantity as per demand.
6. Warranty of Engine should be minimum 2 year or more than 3 year and after CMC/AMC.

Re

डॉ० राजीव कुमार नाथ / Dr. Rajit Kumar Nath
 MD, DM, FACC, FESC, FSCAI, FCSI
 Director Professor & Head Dept of Cardiology
 ABVIMS & Dr. R.M.L. Hospital, New Delhi-110001
 24/11/2025

डॉ० राजीव कुमार नाथ / Dr. Rajit Kumar Nath
 MD, DM, FACC, FESC, FSCAI, FCSI
 निदेशक आचार्य एवं विभागाध्यक्ष, हृदयरोग
 निदेशक Professor & Head Dept of Cardiology
 आरबीवीएमएस & डीआरएमएल अस्पताल, नई दिल्ली-110001
 ABVIMS & Dr. R.M.L. Hospital, New Delhi-110001
 डीएमसी - 29246/ D.M.C -29246

AN
Dr. ANWAR HUSSAIN ANSARI
 MD (Medicine), DM (Cardiology)
 Professor
 Department of Cardiology
 VMHC & Safdarjung Hospital
 New Delhi-110029

AG
Dr Anunay Gupta
 MD Medicine, DM Cardiology (AIMS, New Delhi)
 Advanced Electrophysiology Fellow (Sydney, Australia)
 Professor, Dept. of Cardiology
 VMHC & Safdarjung Hospital Delhi-110029

डॉ० कौशल कुमार ट्यागी / Dr. Kaushal Kumar Tyagi
 अपर चिकित्सा अधीक्षक
 Addl. Medical Superintendent
 ए.बी.वी.आई.एम.एस. एवं डॉ. रा.म.लो. अस्पताल
 A.B.V.I.M.S. & Dr. R.M.L. Hospital
 नई दिल्ली-110001 / New Delhi-110001

डॉ० धीरेन्द्र कुबेर / Dr. Dharendra Kubera
 सर आचार्य (हृदयरोग) Associate Professor (Cardiology)
 ए.बी.वी.आई.एम.एस. एवं डॉ. रा.म.लो. अस्पताल, नई दिल्ली-01
 ABVIMS & Dr. RML Hospital
 नई दिल्ली-110001 / New Delhi-110001



02 January 2024

PROPERIETY ARTICLE CERTIFICATE AND AUTHORITY LETTER

To whom so ever it may concern:

This to certify and confirm that the following are proprietary products of **Penumbra, Inc.**, an organization having an address One Penumbra Place, Alameda, California 94502 USA:

- 1) **CATRX KIT - INDIGO CATRX + Large Lumen Aspiration Tubing**

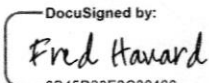
The detailed Product Specifications follow on next page.

These products are manufactured by Penumbra, Inc. under the brand name of **Indigo Catheter Kit** and are proprietary products of M/s Penumbra, Inc.

We hereby also certify that M/s SMT, Registered Address: Unit No. 402 & 412, A-Wing, Kanakia Wall Street, Andheri kurla Road, Chakala, Andheri East, Mumbai 400093 is our non-exclusive distributor in India. SMT can quote, collect order, make supplies, collect payment for in tender and authorize their distributors, upon prior approval from Penumbra, Inc., to sell the products listed below in Defense Hospitals, Central & State Government, and private hospitals in India.

Thank you for your consideration.

**For Penumbra Inc.
Authorized Signatory**

Signature: 
3B45D30E3C30466

Name: Frederic Havard
Title: Senior Vice President, International
E-mail: fhavard@penumbrainc.com



Sr. No	Generic Name	PAC Specification	Pack
1	INDIGO CATRX + Large Lumen Aspiration Tubing	Continuous Aspiration Catheter, CATRX is the Indigo CAT RX Aspiration Catheters is indicated for the removal of fresh, soft emboli and thrombi from vessels in the coronary and peripheral vasculature. The catheters is 6 Fr guide compatible, proximal part is laser cut hypotube to enhance deliverability, 7 material transition for better trackability, 140 cm,length with 29 cm rapid exchange length. Large lumen with bevel tip for maximum clot engagement. This catheter is compatible with Penumbra engine with (-29.2) in Hg Deep vaccum	1 Unit Kit



Proprietary Article Certificate from Manufacturer

January 28, 2025

To Whom it May Concern:

We, Penumbra, Inc., hereby certify the following products listed below are exclusively made by Penumbra, Inc.

BRAND NAME	TYPE	PRODUCT CODE	PRODUCT DESCRIPTION
Engine Canister	Mechanical Thrombectomy	IAPS3	Penumbra ENGINE™ Canister for Indigo® System
Penumbra Engine	Mechanical Thrombectomy	PMXENGN	Penumbra ENGINE™
Indigo Catheter	Mechanical Thrombectomy	CAT8XTORQ115	Indigo® Catheter 8, Xtorq Tip 115cm
Indigo Catheter	Mechanical Thrombectomy	CAT8STR85	Indigo® Catheter 8, Straight Tip 85cm
Indigo Catheter	Mechanical Thrombectomy	CAT6	Indigo® Catheter 6, Straight tip 135cm
Indigo Catheter	Mechanical Thrombectomy	CAT8TORQ85	Indigo® Catheter 8, Torq Tip 85cm
Indigo Catheter kit	Mechanical Thrombectomy	CATRXXKIT	Indigo® Catheter Rx, 140 cm+ large lumen aspiration tubing
Indigo Separator	Mechanical Thrombectomy	SEP8	Separator™ 8
Indigo Separator	Mechanical Thrombectomy	SEP6	Separator™ 6
Tubing	Mechanical Thrombectomy	IST3	Large Lumen Aspiration Tubing
Indigo Separator	Mechanical Thrombectomy	SEPC4	Separator 4
Indigo Lightning	Mechanical Thrombectomy	LITNG7XTORQ130	Indigo 7 XTORQ Tip + Lightning Aspiration Tubing
Indigo Lightning	Mechanical Thrombectomy	LITNG12HTORQ115	Indigo 12 HTORQ Tip 115cm +Lightning Aspiration Tubing
Indigo Lightning	Mechanical Thrombectomy	LITNG12HTORQ100	Indigo 12 HTORQ Tip 100cm +Lightning Aspiration Tubing
Indigo Lightning	Mechanical Thrombectomy	LITNG12XTORQ100	Indigo 12 XTORQ Tip 100cm +Lightning Aspiration Tubing
Indigo Separator	Mechanical Thrombectomy	SEP7	Separator™ 7
Indigo Separator	Mechanical Thrombectomy	SEP12	Separator™ 12
Indigo system Lightning Flash kits	Mechanical Thrombectomy	LITNGFHT100BER	Flash Aspiration Catheter, 135cm, HTORQ, Lightning Flash Aspiration Tubing 6F, 100 BER

Penumbra, Inc.
One Penumbra Place
Alameda, CA 94502

T 1.510.748.3200
F 1.510.814.8303

www.penumbrainc.com



BRAND NAME	TYPE	PRODUCT CODE	PRODUCT DESCRIPTION
Indigo System Lightning Flash kits	Mechanical Thrombectomy	LITNGFHT80BER	Flash Aspiration Catheter, 80cm, HTORQ, Lightning Flash Aspiration Tubing 6F, 105BER
Indigo System Lightning Flash kits	Mechanical Thrombectomy	LITNGFXT100H1	Flash Aspiration Catheter, 135cm, HTORQ, Lightning Flash Aspiration Tubing 6F, 100 BER H1 Catheter
Indigo System Lightning Flash kits	Mechanical Thrombectomy	LITNGFHT115BER	Flash Aspiration Catheter, 135cm, HTORQ, Lightning Flash Aspiration Tubing 6F, 115 BER
Indigo Catheter	Mechanical Thrombectomy	CAT7D	CAT7D XTORQ Tip + Dynamic Aspiration Tubing
Indigo Catheter	Mechanical Thrombectomy	CATD	Indigo® D + Large Lumen Aspiration Tubing

The above products are marketed in India under the brand names listed in the above table and are proprietary products of **M/s Penumbra, Inc.**

Yours Faithfully for **Penumbra, Inc.**

DocuSigned by:

3323E308ADD64A6
Charles DeNault

Associate Director of Regulatory Affairs
cdenault@penumbrainc.com

Penumbra, Inc.
One Penumbra Place
Alameda, CA 94502

T 1.510.748.3200
F 1.510.814.8303

www.penumbrainc.com