



All India Institute of Medical Sciences, Bhubaneswar
At - Sijua (Patrapada), Post - Dumuduma, Bhubaneswar (Odisha) - 751 019

To be uploaded in Website: www.aiimsbhubaneswar.nic.in and www.eprocure.gov.in (CPPP)

Reference No: **J-11050(031)/2021-22/S&P**

Dated: 13/03/2023

Sub: Procurement of “Accessories for Ultrasonic Aspirator (CUSA)” (Make: Misonix Inc., Model: Sonastar) for the Department of Neuro Surgery at AIIMS, Bhubaneswar on Proprietary basis - Inviting Comments thereon.

The Department of Neuro Surgery of AIIMS, Bhubaneswar has requested for Procurement of “Accessories for Ultrasonic Aspirator (CUSA)” (Make: Misonix Inc., Model: Sonastar) through M/s Cure Surgicals, New Delhi, Authorized distributor of Misonix Inc, USA.

The Notice is being uploaded for general information of prospective manufacturer/Authorized Distributor/Dealers to submit their objection/proposal/comments, if any, on proprietorship of the item.

In case the product of any manufacturer/Authorized distributor/Dealer conforms to the enclosed specifications, they may submit their proposal for the supply of the same along with the brochures, point by point compliance of the enclosed specifications along with all documentary evidence. One quotation of the product may also be submitted.

The objections/comments/proposal should be sent in sealed cover to the Office of Sr. Procurement Cum Stores Officer, AIIMS, Bhubaneswar (Odisha) – 751019 or through E-mail to aso@aiimsbhubaneswar.edu.in, spo@aiimsbhubaneswar.edu.in, so as to reach on or before **date: 28-03-2023** failing which it will be presumed that no other firm is interested to offer comments/protest/object and case will be decided on its merits.

The ref. no. – **J-1150(031)/2020-21/S&P** dt:13-03-2023, due on dated:28-03-2023 should be superscripted on sealed envelope.

Enclosure:

1. Proprietary Article Certificate from Indenting Officer of Department of Neuro Surgery, AIIMS, Bhubaneswar. **Annexure-I.**
2. PAC of M/s Misonix Inc., USA Model: Sonastar) for the Accessories for Ultrasonic Aspirator (CUSA) - **Annexure-II.**
3. Certificate of Authorization, Price quotation for Accessories for Ultrasonic Aspirator (CUSA)” (Make: Misonix Inc., USA Model: Sonastar) - **Annexure-III.**
4. Technical Boucher of the items (**Annexure-IV**).

Copy to:

- | | | |
|---|---|------------------------------|
| 1. Indenting Officer, Department of Neuro Surgery | : | for kind information please |
| 2. PS to DDA | : | for kind information please. |
| 3. Accounts Officer | : | for information please |
| 4. IT Cell | : | for hoisting in the website. |

Sr. Procurement-cum-Stores Officer (I/C)
AIIMS, Bhubaneswar

S25K
13/3/23

AIIMS, BHUBANESWAR

ANNEXURE - 1

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Proprietary Article Certificate Valid for the Current Financial Year

File No. and Date Reference :		
1	Description of article	Sonastar CUSA accessories, CFSX6-H321
2	Forecast of quantity /annual requirement	1 CFSX6-H322
3	Approximate estimated value for above quantity	mentioned in page - 1
4	Maker's name and address	please see PSE - 4
5	Name(s) of authorized dealers/ stockists	please see page-4
I approve the above purchase on PAC basis and certify that : - Note- Tick to retain only one out of (b), C-1) or (c-2) whichever is applicable and cross out others. Please do confirm (a) by ticking it - without which PAC certificate will be invalid.		
6	This is the only firm who is manufacturing / stocking this item. (a) AND	Misonix.
6	A Similar article is not manufactured / sold by any other firm, which could be used in lieu OR (b)	see PSE - 4
6	No other make/brand will be suitable for following tangible reasons (like OEM/ Warranty, spares.) : OR (c1)	OEM - (PAC) see PSE - 4
6	No other make/brand will be suitable for following intangible reasons (if PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources) : OR (c)	OEM (PAC) see PSE - 4
7	Reference of concurrence of finance wing to the proposal :	16/11/23

History of PAC Purchase of this item for past three years may be given below :

Name of the Supplier please refer SPSO office.

Order/ Tender Reference & Date	Quantity Ordered	Basic Rate on Order (Rs.)	Adverse Performance Reported if Any

Signature of Approving Authority.....

Date..... Designation of Officer.....

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Signature of the Indenting Officer

Dr. Rabin Sahu
MS. Mch. DNB
Professor & HOD
Department of Neurosurgery
AIIMS, Bhubaneswar
Dr. Ashutosh Biswas
कार्यकारी निर्देशक / Executive Director
एम्स, भुवनेश्वर
AIIMS, Bhubaneswar-751019
Encl. Director

Dr. Sumit Banerjee
Associate Professor
Department of Neurosurgery
AIIMS, Bhubaneswar

Ref. No. CS/Quotation-AIIMS BBSR/2023
Date : 15.02.2023

Quotation

To,
The Director
All India Institute of Medical Sciences
Bhubaneswar

Sub: Quotation for Accessories of Ultrasonic Surgical Aspirator

S.No	Cat No.	Product Description	Qty	Unit Price (INR)	Total (INR)
		Accessories of Ultrasonic Surgical Aspirator Model : Sonastar Make: Misonix Inc., USA			
1	CFSX6-H321	SonaStar Short Straight Handpiece, High Flow (HF)	1	1,214,400.00	1,214,400.00
2	CFSX6-H322	SonaStar Curved Extended Handpiece, High Flow (HF)	1	1,214,400.00	1,214,400.00
		Total			2,428,800.00
		Add : GST @ 12%			291,456.00
		Total Value...			2,720,256.00

Terms & Conditions

Price	Price quoted are for supply F O R destination Hospital site.
Order Placement	Purchased Order to be placed on:
	M/s Cure Surgicals
	S-25, Green Park Extension
	New Delhi - 110016
GST:	07AAJFC4119M1ZA
	GST shall be charged extra as applicable.
Validity	Our quotation is valid for 90 days from the date of quotation.
Delivery	6 to 8 weeks from the date of receipt Purchase Order along with advance.
Payment	100% Advance along with Purchase Order.
Standard Warranty	1 Year from the date of installation against manufacturing defects only.

CORPORATE OFFICE

S-25, Green Park Extension | New Delhi-110 016
Tel.: +91 11 26510059, 41650070
e-mail: curesurg@curesurgical.com

HEAD OFFICE

S-12 1st Floor, Green Park Extension
New Delhi-110 016, India



BRANCH OFFICE: BENGALURU, KANPUR, CHANDIGARH | SALES OFFICE: LUCKNOW | WAREHOUSE: NEW DELHI

www.curesurgical.com

AIIMS, Bhubaneswar
Store & Purchase Section
Date of Receipt: 20-02-23
3:50 PM

	Accidental damage, breakage due to mishandling and essential accessories/consumables like batteries, Handpieces, cables, wires etc. are not the part of warranty coverage. * Catalog number, description of item / nomenclature are subject to change because of continuous Research & Development.
Force Majeure	We shall not be liable for loss or damage due to delay in manufacturer, delivery or installation resulting from any cause beyond our reasonable control to obtain necessary manufacturing facilities or materials from our as usual sources, and any delays resulting from any such cause shall extend delivery dates correspondingly.

Thanking You

Yours Truly

for Cure Surgicals

Authorized Signatory



CORPORATE OFFICE

S-25, Green Park Extension | New Delhi-110 016
Tel.: +91 11 26510059, 41650070
e-mail: curesurg@curesurgical.com

HEAD OFFICE

S-12 1st Floor, Green Park Extension
New Delhi-110 016, India

BRANCH OFFICE: BENGALURU, KANPUR, CHANDIGARH | SALES OFFICE: LUCKNOW | WAREHOUSE: NEW DELHI

Date : 20.06.2022

To Whom It May Concern

**Sub : Proprietary Certificate for Accessories / Spare parts / Consumables / Disposables
For the supply of Ultrasonic Aspirator
Manufactured by Misonix Inc., USA**

Dear Madam or Sir,

This is to inform you that we, Misonix, are the manufacturer of "Sonastar" Ultrasonic Aspirator installed in your OT and all the Accessories / Spare parts / Consumables / Disposables manufactured by us for "Sonastar" Ultrasonic Aspirator are proprietary in nature.

We are enclosing herewith list of Accessories / Spare parts / Consumables / Disposables for your kind consideration.

To the best of our knowledge, no other company is or is allowed to manufacture the parts with the same specification which is compatible with our "Sonastar" Ultrasonic Aspirator installed in your OT.

The services & support to the system is exclusively provided by our Sole Distributor **M/s. Cure Surgicals, S-12, First Floor, Green Park Extension, New Delhi-110016.**

This is for your information and floating tender for Rate Contract.

Thanking you.

Yours truly,



Senior Regional Business Manager- SEA & India

MISONIX
BETTER MATTERS™ A Bioventus Company

Date : 08.04.2022

MANUFACTURER's / PRINCIPAL's AUTHORIZATION FORM

We M/s MISONIX (A Bioventus Company), who are established and reputable manufacturers of **Ultrasonic Surgical Aspirator and Bone Scalpel System**, having factories at No. 1938, New Hwy Farmingdale, New York- 11735 hereby authorize Messrs. **Cure Surgicals, S-25, Green Park Extension, New Delhi – 110 016** to bid, negotiate and conclude the contract with you for the above goods manufactured by us.

We further confirm that no supplier or firm or individual other than **Messrs Cure Surgicals, S-25, Green Park Extension, New Delhi – 110016, INDIA** is authorized to act as our business associate for the sale of Misonix's range of products until further notice.

The authorization is valid up to 31.12.2023

Thank you for your kind attention.

Best regards,



Jeffrey Teoh

Business Development Consultant- Southern Asia & SEA

MISONIX A Bioventus Company

List of Accessories / Spare parts / Consumables / Disposables

SonaStar Handpieces - Autoclavable	
CFSX6-H221	SonaStar Short Straight 23 kHz Universal Handpiece
CFSX6-H222	SonaStar Curved Extended 23kHz Handpiece
CFSX6-H321	SonaStar Short Straight Handpiece, High Flow (HF)
CFSX6-H322	SonaStar Curved Extended Handpiece, High Flow (HF)
SonaStar Electrosurgery Accessories	
CFSM4-M100	8mm Monopolar RF Cable Connector+
CFSM6-C140	Valley Lab Force 2, Electrosurgery Generator Umbilical Cable
CFSM6-C141	Valley Lab Force 2, Electrosurgery Generator Umbilical Cable
CFSM6-C142	Erbe ICC 300 Electrosurgery Generator Umbilical Cable
CFSM6-D050	Single Use Monopolar Hand Piece Cable (1 box = 5 cables)
SonaStar Reusable Accessories	
CFSM2-T018	Autoclavable Torque Wrench
CFSM6-T222	Autoclavable Torque Fixture
CFSM5-R101	Suction Canister Holder Ring
CFSM6-H175	Aspiration Front Housing for Curved Extended Handpiece
CFSM6-H183	Aspiration Long Front Housing for Short Straight Handpiece
CFSM6-H185	Aspiration Front Housing for Short Straight Handpiece
CFSM6-H190	Laparoscopic Rigid Sheath for Short Straight Handpiece
CFSX3-M201	Remote IR Receiver
E0702ABC07	IV Pole
SonaStar Disposables	
MXA-D212	SonaStar Aspiration Tip 1.9mm Standard Short
MXA-D214	SonaStar Aspiration Tip 1.6mm Micro Short
MXA-D216	SonaStar Aspiration Tip 1.1 mm Precision Short
MXA-D230	SonaStar Notched Aspiration Tip 1.9mm Standard Short

MXA-D218	SonaStar Aspiration Tip 1.9mm Standard Long Curved Tip
MXA-S002	OsteoSculpt Tip Macro Short
MXA-S004	OsteoSculpt Tip Long Curved
MXA-D224	SonaStar Aspiration Tip 1.1 mm Precision Long Curved
MXA-D226	SonaStar Aspiration Tip 1.6mm Micro Long Curved
MXA-D228	SonaStar Aspiration Tip 1.9mm Standard Long Curved
MXA-D232	SonaStar Deep Access Aspiration Tip with Rigid Sheath 1.9mm Standard Long Straight
MXA-D234	Macro Probe, with two silicone sheaths, High Flow (HF) Only
MXA-L002	SonaStar Laparoscopic Probe, 1.9 mm Standard Long, non-sterile
MXA-HF	SonaStar Tubing Set – High Flow (HF) Only
CFSM5-C136	Suction Canister, 2 Liter
CFSM5-T101	Suction Tubing, sterile
E-BRASET	Handpiece & Probe Brush Set (3 Large Brushes & 3 Small Brushes)
CFSS2-F019	External Vacuum Filter
CFSS2-F025	Internal Vacuum Filter
CFSS2-F219	External Vacuum Filter (with attached suction tubing and quick connect fitting), High Flow (HF) Only
CFSS2-F115	Activated Carbon Filter with attached suction tubing and quick connect fitting, High Flow (HF) Only



AccuracyMatters

sonastar®

Ultrasonic surgical aspiration system

- High performance tissue ablation
- Vessel sparing, soft and hard tissue removal
- Adaptive radio frequency coagulation capability
- Easy to set up and break down

MISONIX®
BETTER MATTERS™



Misonix, Inc. designs, develops, manufactures and markets therapeutic ultrasonic medical devices. Misonix's therapeutic ultrasonic platform is the basis for several innovative medical technologies. Addressing a combined market estimated to be in excess of \$3 billion annually, Misonix proprietary ultrasonic medical devices are used for wound debridement, cosmetic surgery, spine surgery, neurosurgery, laparoscopic surgery and other surgical and medical applications. Additional information is available on the Company's web site at www.misonix.com. All of our products are designed, manufactured and serviced with strict adherence to U.S.A. cGMP and ISO 13485:2007 standards. Additionally, all products meet or exceed the regulations for all applicable safety requirements.



OsteoSculpt®
bone shavers
(long)



SonaStar
aspiration tips



SonaStar specialty
aspiration tips



OsteoSculpt
bone shavers
(short)

Intuitive Handling

The SonaStar® is an advanced ultrasonic system for precise soft tissue aspiration and powerful removal of osseous structures. It is engineered for maximum simplicity and intuitive use. All ultrasonic components are optimized for high efficiency and reliability, day after day, case after case.

Short Straight
23 kHz Handpiece (shown)



Simple Set-Up

- 1 Assemble Handpiece
- 2 Connect Handpiece and Tubing Set
- 3 Activate Footswitch
- 4 Automatic System Check

Advanced System Features

- Dynamic Tissue Response (DTR)
- Linear Modes and Preset Modes
- Progressive Footswitch Control

High Performance Design

- 23 kHz Single Frequency Technology
- Universal SonaStar Short Straight Handpiece and Curved Extended Handpiece
- Adaptive RF capability

Enhanced Ergonomics

- Compact, well-balanced handpieces
- Enhanced tip visibility
- Multifunctional, wireless footswitch

Intuitive Control



Progressive Wireless
Footswitch Control



Dynamic Tissue
Response System

SonaStar Handpieces | 23 kHz

SonaStar handpieces, with their piezoelectric drivers, are core system components. They deliver uncompromised performance in wide ranging scenarios. RF coagulation is seamlessly integrated and all materials are carefully selected to minimize magnetic susceptibility.

Most important, they feature a straight and streamlined aspiration channel to yield maximum aspiration efficiency and minimize any risk of clogging. This results in handpieces that are compact, extremely well balanced, reliable and intuitive to set up.

SonaStar Short Straight

The SonaStar Short Straight is an advanced 23 kHz handpiece that combines high performance with maximum flexibility. It delivers ultrasonic power in a compact design engineered for effective tissue removal. It accepts the entire tip portfolio for hard and soft tissue ablation and can be configured for a variety of surgical approaches. The Short Straight handpiece delivers **up to 230 microns** of amplitude.



Shown with standard long curved plus tip (MXA-D218)

Short Straight 23 kHz Universal Handpiece



Shown with short aspiration tip (MXA-D212)

SonaStar Curved, Extended

The SonaStar Curved, Extended handpiece is designed to provide clearance for use with a microscope. Additionally, the handpiece is well balanced, and its curved shape improves ergonomics by reducing hand fatigue over extended periods of use. It provides an amplified tip stroke for more efficient removal of fibrous or calcified structures. The Curved, Extended handpiece delivers **over 300 microns** of amplitude.



Curved Extended 23 kHz Handpiece

SonaStar® Aspiration Tips

The soft tissue aspiration and OsteoSculpt® bone sculpting ultrasonic tips are engineered as distinct surgical instruments and individually tuned to the 23 kHz system frequency.



A: MXA-S004 **G:** MXA-D212
B: MXA-D218 **H:** MXA-D214
C: MXA-D228 **I:** MXA-D216
D: MXA-D226 **J:** MXA-D230
E: MXA-D224 **K:** MXA-S002
F: MXA-D232

MXA-D234 and MXA-L002 (not shown)

Soft Tissue Aspiration Tips



2.6 mm 1.9 mm 1.6 mm 1.1 mm
 Macro Standard Micro Precision

SonaStar aspiration tips cover the spectrum from delicate skeletonizing to powerful debulking. They come in a variety of tip diameters and styles to address both open surgical procedures and minimally invasive surgery.

Specialty Tips

Deep Access Probe (MXA-D232)

The Deep Access Probe is designed for use in tight areas for ablation of soft tissue in neurosurgery. It is a 1.9 mm standard, long straight tip protected by a sheath made of rigid plastic to mitigate any potential for collateral damage to the surrounding tissue, e.g., thermal necrosis.

Laparoscopic Probe (MXA-L002)¹

The Laparoscopic Probe consists of a 30 cm long straight aspiration tip with 1.9 mm standard I.D. housed in a rigid plastic sheath with a silicone tip assembled at its distal end. Previous surgeries include resection of liver hepatocellular carcinomas, liver metastases from colorectal cancer and carcinomas of the gall bladder. The probe can also be reprocessed up to 6 times.

Notched Aspiration Tip (MXA-D230)

The Notched Aspiration Tip combines our signature SonaStar ultrasound technology with mechanical cutting to remove stubborn tissue. Reported uses of this tip include the removal of fibrous meningiomas. It features beveled edges of the distal shaft orifice, and four V-shaped notches opposite one another for enhanced cutting power. This enables the surgeon to perform dissections of stubborn tissue. Since the Notched Aspiration Tip helps address a wider range of tissue types it can potentially save surgeons valuable time in the O.R. ¹Not available in all markets. Check on availability.



OsteoSculpt Bone Shavers*



MXA-S004 MXA-S002

OsteoSculpt bone shavers are designed to remove hard tissue efficiently with minimal impact to adjacent anatomy. Different styles are offered to target various applications.

*Bone shaving surface area for MXA-S004 is 1.8 x 1.3 mm, for MXA-S002 it is 3.6 mm x 160°

Dynamic Tissue Response™ | DTR

1

SonaStar DTR

Tissue selectivity is managed seamlessly and intuitively with the SonaStar DTR. DTR enables the surgeon to command the desired balance between power and selectivity by setting a single parameter, the Vibration.

DTR automatically increases tissue selectivity at low vibration settings when delicate anatomy demands it most. Likewise, it decreases selectivity at high vibration settings to achieve high ablation rates. A dedicated, electronic circuit is able to sense and adjust tip vibration within milliseconds.

Benefit: DTR helps to preserve nerves and blood vessels while enabling the removal of tough tissues.

2

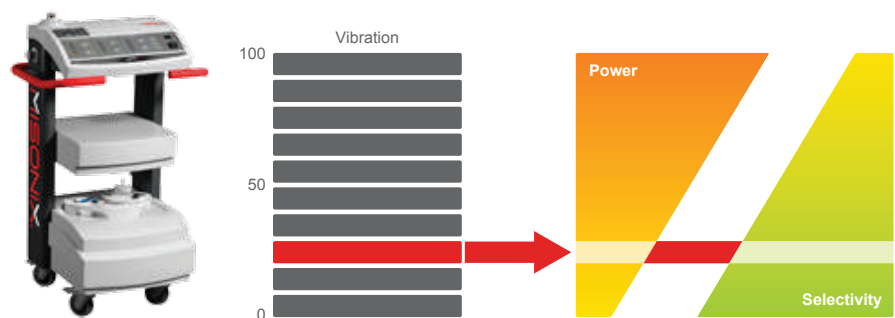
SonaStar Linear Mode

In addition to DTR, SonaStar has a progressive Linear function that allows the surgeon to control tip vibration directly and dynamically in response to changes in the anatomy and pathology by setting a pre-set vibration maximum.

Benefit: The Linear function provides the surgeon with greater control of Vibration during tissue ablation.

Tissue Selectivity Features (Combined)

By allowing surgeon control of vibration via the Linear mode, the surgeon is able to directly control tissue selectivity with DTR.



Indications

The SonaStar Ultrasonic Aspirator System is indicated for use in the fragmentation, emulsification and aspiration of both soft and hard (i.e., bone) tissue in the following surgical specialties:

- Gastrointestinal and Affiliated Organ Surgery
- General Surgery, e.g., liver
- Gynecological Surgery
- Laparoscopic Surgery
- Neurosurgery
- Orthopedic Surgery
- Plastic and Reconstructive Surgery
- Thoracic Surgery
- Thoracoscopic Surgery
- Urological Surgery

The SonaStar system may be combined with electrosurgery using optional RF surgery interface components.



*If you would like further information or would like to evaluate the
SonaStar please contact us at +1.631.694.9555*

1938 NEW HWY, FARMINGDALE, N.Y. 11735 | +1.631.694.9555 +1.631.694.3285 FAX
MISONIX, INC. | NASDAQ SYMBOL: MSON | MISONIX.COM

References available upon request and on file at the corporate offices.