



All India Institute of Medical Sciences Jodhpur

Admn/Prop/64/2018-AIIMS.JDH

Dated: 07th February 2019

Subject: Purchase of Ultrasonic Bone Scalpel for the department of Neurosurgery at AIIMS, Jodhpur on proprietary basis - **Inviting comments thereon.**

The Institute is in the purchase of Ultrasonic Bone Scalpel for the department of Neurosurgery at AIIMS, Jodhpur from M/s Misonix Inc., 1937, New Highway, Farmingdale, NY 11735, New York on proprietary basis. The proposal submitted by M/s Cure Surgical, S-12, FF, Green Park Extension, New Delhi- 110016 and PAC certification by user are attached.

The above document are being uploaded for open information to submit objection, comments, if any from any manufacturer regarding proprietary nature of the equipment within 21days of issue giving reference Admn/Prop/64/2018-AIIMS.JDH. The comments should be received by office of Administrative Officer, Medical College at AIIMS, Jodhpur on or before 28th February 2019 upto 03:00 PM failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

Yours faithfully,

Administrative Officer

Enclosed: Related documents enclosed.



LETTER OF AUTHORIZATION

January 23, 2018

To Whom It May Concern,

We, Misonix, Inc. located at 1938 New Hwy Farmingdale, NY 11735, U.S.A. herewith contractually authorize:

CURE SURGICALS
S-12, 1ST FLOOR, GREEN PARK EXTENSION
NEW DELHI-110016, INDIA

as our exclusive distributor in India for the purpose of commercialization, importation, promotion, technical support and sales for the following list of medical products:

- SonaStar® Ultrasonic Surgical Aspiration System, Disposables and Accessories
- BoneScalpel® Ultrasonic Surgical Aspiration System, Disposables and Accessories

The above listed medical products are solely manufactured by Misonix, Inc. in the U.S.A.

This authorization is limited to the terms and conditions of the commercial distribution agreement between Misonix and Cure Surgicals, including agreements that may exist in the future, and cannot be considered as modification of any kind of said agreement(s).

This authorization is valid until April 1, 2019.

Best Regards,

Scott Ludecker
Senior Vice President – Global Sales & Marketing Misonix, Inc.



PHOTO COPY ATTESTED
20/08/18
NOTARY JODHPUR

Handwritten initials: TD, SB, MG, etc.



PROPRIETARY CERTIFICATE

To whom it may concern,

Misonix® and BoneScalpel® are registered trademarks of Misonix Inc., 1938 New Highway, Farmingdale, NY 11735. The Misonix® BoneScalpel® System is a proprietary medical device indicated for use in the fragmentation and aspiration of both soft and hard (e.g.: bone) tissue in the following surgical specialties including, without limitation, Neurosurgery, Gastrointestinal and Affiliated Organ Surgery, Urological Surgery, Plastic and Reconstructive Surgery, General Surgery, Orthopedic Surgery Gynecology, Thoracic Surgery, and Wound Care.

System is comprised of a generator, which feeds a 22.5 kHz electrical signal to a piezoelectric crystals mounted in a hand-held handpiece; the crystals then vibrate at the same frequency. The titanium tip attached to the handpiece amplifies the vibration. Tips have unique design features to facilitate surgeons in removal of soft and hard tissue in the surgical specialties listed above. Also, tips have lumens to supply irrigation to the surgical site, maintain thermal equilibrium of the tip, and flush fragmented material and waste liquids from the area. Wound care procedure kits are designed with front handpiece housings which connect to the hospital aspiration system to remove fragmented material and waste liquids from the surgical site. Aspiration in other surgical specialty kits is accomplished by using the hospital aspiration system without connection to the handpiece.

If you have questions contact:

John Salerno
Vice President, QA/RA
Misonix® Inc.
1938 New Hwy, Farmingdale, NY 11735
t. +1-631-927-9123 (Direct) | m. +1-914-819-3134
t. +1-631-694-9555 (Company) | f. +1-631-694-3285
jsalerno@misonix.com | misonix.com

[Handwritten Signature] 02/10/2018

NOTARY PUBLIC
JODHPUR
Reg. No. 11886
EXPIRY DATE 07/11/2021
PHOTO COPY ATTESTED
02/08/18
NOTARY JODHPUR

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

[Handwritten initials and marks]



MISONIX
BETTER MATTERS™

PROPRIETARY CERTIFICATE

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Misonix® and BoneScalpel® are registered trademarks of Misonix Inc., 1938 New Highway, Farmingdale, NY 11735. The Misonix® BoneScalpel® System is a proprietary medical device indicated for use in the fragmentation and aspiration of both soft and hard (e.g.: bone) tissue in the following surgical specialties including, without limitation, Neurosurgery, Gastrointestinal and Affiliated Organ Surgery, Urological Surgery, Plastic and Reconstructive Surgery, General Surgery, Orthopedic Surgery, Gynecology, Thoracic Surgery, and Wound Care.

List of U.S. Issued Patents:

Product	Country	Patent No.	Description of Invention
BoneScalpel	US	6,379,371	Flat ultrasonic bone cutting blade with liquid cooling
BoneScalpel	US	6,443,909	Flat ultrasonic bone cutting blade with liquid cooling
BoneScalpel	US	8,444,829	Ultrasonic probe with motion-responsive power shut-off
BoneScalpel	US	8,343,178	Ultrasonic blunt blade method
BoneScalpel	US	8,814,870	Hook-shaped ultrasonic cutting blade
BoneScalpel	US	9,119,058	Hook-shaped ultrasonic cutting blade
BoneScalpel	US	8,353,912	Ultrasonic discectomy method and tool
BoneScalpel	US	8,894,873	Ultrasonic osteotome especially for skull and spine
BoneScalpel	US	9,421,028	Ultrasonic osteotome especially for skull and spine
BoneScalpel	US	D700,327	Ultrasonic osteotome design 1
BoneScalpel	US	D715,434	Ultrasonic osteotome design 2
BoneScalpel	US	D715,936	Ultrasonic osteotome design 3
BoneScalpel	US	D715,435	Ultrasonic osteotome design 4
BoneScalpel	US	D715,436	Ultrasonic osteotome design 5
BoneScalpel	US	D680,218	Bone-cutting blade with single serrated edge (design)
BoneScalpel	US	D667,117	Bone-cutting blade with two serrated edges (design)
BoneScalpel	US	D685,087	Laparoscopic cannula with distal end offset or window
BoneScalpel	US	D741,461	Hook blade with serrations
BoneScalpel	US	9,211,137	Ultrasonic probe with irrigant outlets in probe shank
BoneScalpel	US	9,387,005	Flat blade with large shallow recess(es) for coolant
BoneScalpel	US	9,788,852	Large shallow recesses in flats of blade serving as reservoirs
BoneScalpel	US	9,320,528	Ultrasonic blade with micro-pores for coolant conduction
BoneScalpel	US	9,622,766	Probe with head traversing window in deflectable sheath
BoneScalpel	US	8,872,897	High Efficiency Wound Debridement Probe
BoneScalpel	US	7,775,027	Ultrasonic probe with motion-responsive power shut-off
BoneScalpel	US	8,775,066	Automatic interruption stopping of us waveform
BoneScalpel	US	6,738,814	Ultrasonic probe with bipolar cautery
BoneScalpel	US	6,648,839	Ultrasonic probe with bipolar or monopolar cautery
BoneScalpel	US	7,442,168	Ergonomic handpiece with vibration damping
BoneScalpel	US	6,902,536	Ultrasonic probe with width-adjustable cautery applicator
BoneScalpel	US	7,223,267	Ultrasonic probe with detachable cautery forceps
BoneScalpel	US	7,717,913	Ultrasonic probe with width-adjustable cautery applicator



All India Institute of Medical Sciences Jodhpur

MISONIX
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List of Trademarks:

DOCKET #	MARK	REGISTRATION NO.
M24-095	MISONIX	2,812,718
M24-127EP	MISONIX	4,479,036
M24-128JPN	MISONIX	5,069,488
M24-170	MISONIX	3,882,225
M24-211	BONESCALPEL	4,715,865
M24-235	MISONIX	5,931,329

System is comprised of a generator, which feeds a 22.5 kHz electrical signal to a piezoelectric crystals mounted in a hand-held handpiece; the crystals then vibrate at the same frequency. The titanium tip attached to the handpiece amplifies the vibration. Tips have unique design features to facilitate surgeons in removal of soft and hard tissue in the surgical specialties listed above. Also, tips have lumens to supply irrigation to the surgical site, maintain thermal equilibrium of the tip, and flush fragmented material and waste liquids from the surgical site.

Misonix's authorized distributor is Cure Surgical's, S-12, 1st Floor, Green Park Extension, New Delhi -1110016, India, www.curesurgical.com.

If you have questions contact:

John Salemo
Vice President, QARA
Misonix® Inc.
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t. +1-631-927-9123 (Direct) | m. +1-914-819-3134
t. +1-631-694-9555 (Company) | f. +1-631-694-3285
jsalemo@misonix.com | misonix.com

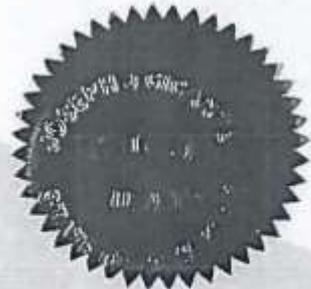
Thanks and Warm Regards,

Arnab Sarkar

Arnab Sarkar
Regulatory Affairs Specialist
T. 631-927-9147
1938 New Hwy, Farmingdale, New York 11735

MISONIX
BETTER MATTERS™

09/10/2018



Joseph J Gigante
09/10/2018

JOSEPH J GIGANTE
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01016136905
Qualified in Nassau County
Commission Expires November 14, 2021

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All India Institute of Medical Sciences Jodhpur

Technical specifications of Ultrasonic Bone Scalpel for Department of Neurosurgery

Ultrasonic bone scalpel, to be used for spinal surgeries and craniovertebral junction surgeries.

S.No.	Technical Specification of Ultrasonic Bone Scalpel System	Qty
1	Ultrasonic console with inbuilt irrigation pump for Ultrasonic Osteosurgery to work on 22.5 kHz \pm 500kHz frequency with maximum 300 μ -amp ground leakage current. Console should deliver maximum output power of 130 Watt. It should have Irrigation Flow rate control (Variable up to 90ml/minute).	01 No.
2	Foot switch Control for Ultrasonic output	01 No.
3	Straight Hand piece should have piezo-electric transducer to convert input signal into mechanical oscillations with linear like motion with 1,300,000 to 1,350,000 strokes per minute.	2 Nos
4	Straight Tips for hard tissue removal to be connected with hand piece with blade thickness as small as 0.5-1mm should be in following sizes:	05 Nos
a.	Bone scalpel Blade with integrated irrigation inside Blade (Includes 10mm blade & short extension).	05 Nos
b.	Bone scalpel Blade with integrated irrigation inside Blade (Includes 20mm Unilateral Serration blade & short extension).	05 Nos
c.	Bone shaver-Micro hook with cannulated integrated irrigation with Silicon extension 2mm.	05 Nos
d.	Bone shaver-Macro hook with Silicon extension 4mm.	05 Nos
e.	Bone scalpel Blade with integrated irrigation inside Blade(Includes 20mm blade & short extension)—	05 Nos
f.	Bone scalpel Blade with integrated irrigation inside Blade (Includes 25mm blade & short extension).	05 Nos
g.	Diamond shaver (approx. 4.5mm) with a channel for irrigation and silicon sleeve for bone shaving of large area.	05 Nos
h.	Bone scalpel with integrated irrigation inside Blade(Includes 20mm blade, blunt, long curved, MIS rigid sheath).	05 Nos
i.	Bone scalpel Blade with integrated irrigation inside Blade(Includes 10mm blade, blunt, long curved, MIS rigid sheath).	05 Nos
j.	Bone scalpel Micro Hook with cannulated integrated irrigation (Includes 2mm Micro Hook, blunt, long curved, MIS rigid sheath)	05 Nos
k.	Irrigation Tube Set.	10 Nos

[Handwritten signatures and initials: A, SB, MA, J, L]