



No: AIIMS/R/Micro/ICMR- CRISPR/2025/07/ST /1114

Date: 10.10.2025

**Call for Objection**

**Subject:** Inviting comments/objection, if any before declaring proprietary article for procurement of “**Sonicator Probe, (22 to 1000ml) and Sonicator Probe, (200 to 500 ml) and Dual Probe (750 watts)**” for **ICMR- CRISPR Project Department of Microbiology** at AIIMS, Raipur.


**ICMR- CRISPR Project Department of Microbiology** at AIIMS, Raipur has to procure **Sonicator Probe, (22 to 1000ml) and Sonicator Probe, (200 to 500 ml) and Dual Probe (750 watts)** through Proprietary Article basis.

The proposal submitted by **M/s SONICS USA**, who is sole manufactures and **M/s MP BIOTECH BHOPAL** is the Local Distributor for MP & CG of this item along with Proprietary Article Certificate are attached & uploaded on CPP Portal & Institute website.

The above documents are being uploaded for open in formation to submit objections, comments if any from any manufacturer/supplier before declaring proprietary article of the said equipment/items to be procured, within 15 days (i.e. 25.10.2025) from the date of issuance/uploading of the notification.

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

The comments should be sent to the office of Central Store Office on above address at AIIMS Raipur in a sealed envelope with above reference on sent to respective mail address [storesofficer.cp@aiimsraipur.edu.in](mailto:storesofficer.cp@aiimsraipur.edu.in) on before 25.10.2025 up to 05:00PM 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.

  
**Stores Officer**  
**AIIMS Raipur (CG)**  
**भंडार अधिकारी (के क्रेय)**  
**Stores Officer (CP)**  
**एमएस, रायपुर (छ.ग.)**  
**AIIMS Raipur (C.G.)**

**Enclosure:-**

1. PAC Certificate by Manufacturer.
2. PAC Certificate by Department.
3. Technical Specification.



Sonics & Materials, Inc.

53 Church Hill  
Road Newtown,  
CT 06470 USA  
203-270-4600  
203-270-4610 fax  
[www.sonics.com](http://www.sonics.com)  
[info@sonics.com](mailto:info@sonics.com)

July 4, 2025

### Declaration

Hereby certifying that below given item completely belongs with M/s-SONICS USA & It's manufacturing by M/s -SONICS USA.

1. Ultrasonic Probe Sonicator (All models including VCX750)
2. Their all required Probes & Tips (including Micro tips, standard Probes etc).
3. All accessories.

Their all accessories as above said come under Proprietary items.

Sincerely,  
SONICS & MATERIALS, INC.



*B. Singh*  
19.7.2025  
डॉ. संजय सिंह नेगी  
Dr. Sanjay Singh Negi  
प्राध्यापक (तृकमजीव विज्ञान विभाग)  
Professor (Department of Microbiology)  
अखिल भारतीय आरोग्य विज्ञान संस्थान, रायपुर (छ.ग.)  
All India Institute of Medical Sciences, Raipur (C.G.)

Jana Collar  
Manager, Sales Administration





स्वामित्वप्रमाणपत्र  
**Proprietary Article Certificate**

फाइल संख्या और संदर्भ File Number and Reference		
1	समाग्री का विवरण Description of article	Sonicator Probe, (200 to 1000mL) Sonicator Probe, (200 to 500mL) Dual Probe (750 Watts)
2	पूर्वानुमानित मात्रा / वार्षिक आवश्यकता Forecast of quantity / annual requirement	1 Pcs each
3	उपरोक्त मात्रा हेतु अनुमानित मूल्य Approximate estimated value for above	
4	निर्माताका नाम एवं पता Maker's name and address	SONICS USA
5	अधिकृत डीलर/स्टॉकिस्ट का नाम Name (s) of authorized dealers/stockists	MP Biotech
6	<p>मैं पीएसी के आधार पर उपरोक्त खरीद का स्वीकार करता हूँ और यह प्रमाणित करता हूँ कि नोट— (बी), (सी-2) में से केवल एक को बनाए रखने के लिए टिक करें, जो भी लागू हो और दूसरों को काट दें। कृपया (ए) टिक कर पुष्टि करें इसके बिना पीएसी प्रमाणपत्र अवैध होगा।</p> <p>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</p>	
6 (a)	यह एकमात्र फर्म है जो इस मद का निर्माण / संग्रहण कर रहा है और This is the only firm who is manufacturing /stocking this item AND	
6 (b)	किसी अन्य फर्म द्वारा समरूप निर्मित/विक्रय नहीं किया जाता है, जिसका उपयोग इसके बदले किया जा सकता है अथवा A similar article in not manufacturing /sold by any other firm which could bae used in lieu OR	
6 (c-1)	कोई अन्य मेक/ब्रांड निम्नलिखित कारणों (जैसे ओईएम/वारंटी के) के लिए उपयुक्त नहीं होगा।अथवा No other make/brand will be suitable for following tangible reasons (like OEM/warranty	

	spares) : OR		
6 (c)	कोई अन्य मेक/ब्रांड निम्नलिखित कारणों से उपयुक्त नहीं होगा (अगर पीएसी पिछले खरीद में दिया गया था, तो कृपया इसके बाद से अधिकस्रोतों का पता लगाने के लिए प्रयास करें) तथा 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		
	_____ _____		
	प्रस्ताव के लिए वित्त शाखा की सहमति का संदर्भ (कारवाई भंडार और लेखा विभाग द्वारा की जायेगी) Reference of concurrence of finance wing to the proposal (Action will be taken by stores & Account Department)		
पिछले तीन सालों में इस मद की पीएसी खरीद का इतिहास नीचे दिया जा सकता है (यदि कोई हो) History of PAC purchase of this item for past three years may be given below (if any)			
प्रदाय कानाम Name of the Supplier			
आदेश/निविदा संदर्भ और दिनांक Order/Tender reference & Date	आदेशित मात्रा Quantity Ordered	आदेश पर मूल दर Basic Rate on order	प्रतिकूल प्रदर्शन रिपोर्ट अगर कोई हो Adverse Performance Reported if any

अनुमोदन करने वाले प्राधिकारी का हस्ताक्षर \_\_\_\_\_

दिनांक 28-5-25

अधिकारी का पदनाम \_\_\_\_\_

डॉ. संजय सिंह नेगी  
 Dr. Sanjay Singh Negi  
 प्राध्यापक (सूक्ष्मजीव विज्ञान)  
 Professor (Department of Microbiology)  
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[info@sonics.com](mailto:info@sonics.com)

April 3, 2025

**To Whom It May Concern:**

This is to certify that MP Biotech, 16 behind St Paul school, Anand Nagar, Bhopal 462022 India is an authorized distributor for Sonics & Materials' Vibra Cell Products for M.P. and C.G.

After sales support/service of all models will be provided by MP Biotech, 16 behind St Paul school, Anand Nagar, Bhopal 462022

Sincerely,  
SONICS & MATERIALS, INC.




Jana Collar  
Manager, Sales Administration

19.7.2025  
डॉ. संजय सिंह नेगी  
Dr. Sanjay Singh Negi  
प्राध्यापक ( Department of Microbiology )  
Professor ( Department of Microbiology )  
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All India Institute of Medical Sciences, Raipur (C.G.)

## Specifications of Sonicator Probe (Sonics VCX-750-220)

- **Compatibility:** Designed for use with Sonics Vibra-Cell VCX-750 (750 W, 20 kHz) ultrasonic processor and converter.
- **Material:** Titanium alloy (Ti-6Al-4V) with precision-machined tip; corrosion-resistant and autoclavable.
- **Probe Options Required:**
  1. **25 mm Ø Probe (Part No. equivalent VCX-750 standard horn)**
    - Recommended processing volume: 200 – 1000 mL
    - Thread coupling: ½"-20 UNF (fits standard VCX converter)
    - Replaceable tip design for extended service life
  2. **19 mm Ø Probe (medium volume horn)**
    - Recommended processing volume: 100 – 500 mL
    - Thread coupling: ½"-20 UNF
    - Replaceable tip, tuned for 20 kHz operation
  3. **Dual Probe Assembly (Twin horn attachment)**
    - Total power handling: up to 750 W combined
    - Supports simultaneous sonication in two beakers (separate 100–250 mL each)
    - Constructed from matched titanium horns with equal amplitude distribution
- **Operating Frequency:**  $20 \pm 0.5$  kHz (factory tuned to match converter resonance).
- **Temperature Range:** Operable up to 100 °C with appropriate cooling.

  
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प्राध्यापक (आण्विक विज्ञान विभाग)  
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