



**TATA MEMORIAL CENTRE
HOMI BHABHA CANCER HOSPITAL AND RESEARCH CENTER
MUZAFFARPUR (BIHAR)
(PURCHASE DEPARTMENT)**




CALL FOR OBJECTION

Ref. No. HBCH&RC/MZP/PUR/ST/02/KG

Date: 15.04.2024

Subject: Inviting comments/ objection (if any) regarding procurement of "Fastprep 24 Bead Beating Grinder & Lysis for NGS Lab at HBCH&RC, Muzaffarpur on Proprietary basis

1. Department of NGS Lab, HBCH&RC, Muzaffarpur has requirement of the "**Fastprep 24 Bead Beating Grinder & Lysis**, Proprietary article basis under GFR-166.
2. The proposal submitted by **M/s Luna Scientific Solutions** who is sole manufacturer and **M/s M.P. Biomedicals** is the local agent of these items along with Proprietary Article Certificate attached, same uploaded on TMC & MPMMCC website.
3. 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 equipments / items to be procured. Objections/ comments to be submitted within **05 days** from the date of Issuance/ Uploading of the notification.
4. 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.
5. The comments with all relevant & supporting documents should be sent to the Purchase office at MPMMCC, Varanasi in a sealed envelop or through email on purchaseofficer@mpmmcc.tmc.gov.in, purchase@hbchrcmzp.tmc.gov.in within **05** working days from the date of uploading on institutional website i.e. from **16.04.2024** to **20.04.2024**, failing which it will be presumed that any other manufacturer/ vendor is having no comment to offer and case will be decided on merits.


Purchase Officer
HBCH/ MPMMCC, Varanasi

Enclose: Related documents enclosed

1) PAC certification enclosed



MP Biomedicals,SAS
Parc d'Innovation
Rue Geiler de Kaysersberg
BP50067
67402 ILLKIRCH Cedex
France

PROPRIETARY CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to confirm/certify that, the below mentioned homogenizer instrument & accessories products is exclusively manufactured by MP BIOMEDICALS and feature of this homogenizer instrument is patented under patent Number "5567050" & is a proprietary item of MP BIOMEDICALS.

INSTRUMENTS

- HOMOGENIZER/TISSUE LYSER INSTRUMENT TRADE NAME: FastPrep-24™ (CAT# 6004-500)
- HOMOGENIZER/TISSUE LYSER INSTRUMENT TRADE NAME: FastPrep-24™ 5G (CAT# 6005-500)

BEADS

- LYSIS BEADS TRADE NAME: LYSING MATRIX A,B,C,D & E(CAT# 6910-6914)

ADAPTER FOR CRYOGENIC CONDITIONS

- COOLTEENPREP™ ADAPTER 6 x 15ML (CAT# 6002-530)
- COOLPREP™ ADAPTER 24 x 2ML(CAT# 6002-528)
- COOLBIGPREP™ ADAPTER 2 x50ML (6002-531)

We further confirm that there is no firm manufacturing similar products that have the same specification & properties (Sensitivity, Specificity and Accuracy) as that of Homogenizer Instrument (FastPrep™)

We are sole manufacturer of this product.

Best Regards

Veronique Karsten,Ph.D
Product Manager
MP BIOMEDICALS LLC
Tel: 00 33 388 67 54 45



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Homogenizer Specification (FastPrep-24™)

- **Dimensions in mm:** About Height- 27cm ;Base(Ellipse) 43- 33cm
- **Construction:** Painted aluminum body, with transparent top enclosure, exchangeable polypropylene sample holder, sealed sample compartment, self – contained disposable pan for ease of cleaning, all surface chemically resistant.
- **Controls:** microcontroller panel, with LCD screen
- **Weight Kg:** Less than 18 Kg
- **Noise Level (Max) :** >70dB
- **Cover:** Plexiglass
- **Speed:** 4.0 to 6.5 m/s
- **Motion type:** (3D/8 Shaped Motion)multidirectional
vibratory Angular Motion
- **Acceleration:** <2sec to maximum speed
- **Deceleration:** <2 sec to Stop
- **No of Rotors:** Minimum 7
- **No. of Program Per Rotor:** 5
- **Cycle No:** 1
- **Duty cycle:** 6.5 m/s for 60 sec with 60 sec rest period b/w runs
- **Max time:** 60 sec
- **Tube Size(ml):** 2ml;4.5ml;15ml;50ml
- **No. of 2ml tube/Rotor:** 24/48
- **Cooling:** With dry ice/Deep Freezer
- **Power Requirements:** 90-250VAC,50/60Hz,1,200 W
- **Working with:** Any Lysing Matrix or Kits
- **option with kit:** Available
- **Standard environmental temperature operating range:** 4-40°C.
- **Safety feature:** automatic stop on lid opening; emergency stop button; semi-disposable pan; sealing of the sample handling compartment. Easy to sanitize surfaces
- **Registration:** CE mark



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Homogenizer Specification (FastPrep-24™ 5G)

- **Dimensions in mm:** About Height- 27cm ;Base(Ellipse) 43- 33cm
- **Construction:** Painted aluminum body, with transparent top enclosure, exchangeable polypropylene sample holder, sealed sample compartment, self – contained disposable pan for ease of cleaning, all surface chemically resistant.
- **Controls:** microcontroller panel, with LED screen
- **Weight Kg:** Less than 23 Kg
- **Noise Level (Max):** >70dB
- **Cover:** Plexiglass
- **Speed:** 4.0 to 10 m/s
- **Motion type:** (3D/8 Shaped Motion) multidirectional
vibratory Angular Motion
- **Acceleration:** <2sec to maximum speed
- **Deceleration:** <2 sec to Stop
- **No of Rotors:** Minimum 7
- **No. of Program Per Rotor:** 12
- **Cycle No:** 1-9
- **Cycle pause time:** 1-300 Sec
- **Max time:** 120 sec
- **Tube Size(ml):** 2ml;4.5ml;15ml;50ml
- **No. of 2ml tube/Rotor:** 24/48
- **Cooling:** With dry ice/Deep Freezer
- **Power Requirements:** 90-250VAC,50/60Hz,1,200 W
- **Working with:** Any Lysing Matrix or Kits
- **option with kit:** Available
- **Standard environmental temperature operating range:** 4-40°C.
- **Safety feature:** automatic stop on lid opening; emergency stop button; semi-disposable pan; sealing of the sample handling compartment. Easy to sanitize surfaces
- **Registration:** CE mark



MP Biomedicals (India) Pvt.Ltd.
Plot No. C-57/3, TTC Industrial Area
Pawane Village, Turbhe, Navi Mumbai – 400 705
Mumbai, India

Telephone : 022-2763 6921
CIN No. : U24100MH2009PTC191394
Email : sales.india@mpbio.com
www.mpbio.com

Authorization Reference No: MP/General/2024-25/02/102 Dated 08th April 2024

MANUFACTURERS AUTHORIZATION FORM

To,
The Director,
Homi Bhabha Cancer Hospital and Research Centre, (HBCHRC TMH) UMA
Nagar, Rasulpur, SKMCH Campus,
Muzaffarpur, Bihar - 842004

We, MP Biomedicals India Pvt. Ltd hereby certify that,

M/s. Luna Scientific Solutions
Ambika Vihar, Mander Nagar Road, 2047,
Ward No-4, Near Aman City, Kharar, SAS Nagar,
Punjab SAS Nagar, Punjab, Mohali - 140301
Mob No: 8360814102
Contact Person Name: Kazim
Email: lunascientificsolutions@gmail.com

M/s. Luna Scientific Solutions is our authorized distributor for your esteemed institution to submit quotes, negotiate prices, collect and execute orders on our behalf for our range of product such as FastPrep Instruments, Biochemicals, Immuno Chemicals, Purified Enzymes, Molecular biology reagents, Nucleic acid isolation & purification kits, & Chemicals. We hereby extend our full guarantee and warranty in accordance with the General Conditions of our terms of sale with respect to the MP Bio Products supplied by the above firm.

This authorization letter is valid till 30th June 2024 only.

Any deviation of our terms and conditions will lead to cancellation of M/s. Luna Scientific Solutions authorization and distributorship.

For MP Biomedicals India Pvt Ltd




Harshal More
GeM and Government Business Coordinator

Fast Prep 5G

Please quote the model which is including the latest state of art equipment and meets the basic minimum specifications. The quoted model should be latest introduced with end of life not before 12 years from the date of installation at HBCHRC MUZAFFARPUR.

Sr. no.	Description of item	Compliance	
		Yes	No
	Name of the Model:		
	Make:		
	Year of Introduction:		
	Probable end of support:		
1	Compatible to isolate Intracellular (DNA/RNA& Protien) material from Biological sample		
2	should be Touch Screen Interface		
3	Program memory Up to 10		
4	Sample Process Time Up to 120sec		
5	Speed Range Up to 10m/s or equivalent or more if quoted in different unit		
6	Run Cycle Up to 5		
7	Pause Time b/w Cycle Up to 300 Sec		
8	Acceleration < 2sec to Maximum Speed		
9	Deceleration < 2 sec to stop		
10	Noise level less than 70db		
11	Interchangeable Adaptor to process volume of sample 2ML		
12	Should come with Sample Size Holder 2ML		
13	Adapter should be coolable at -20°C or less		
14	Beads Compability Should be able to use with different types of available beads like Glass, Silica, Zirconium, Ceramic and Metal etc		
15	Sample Type Must be able to homogenize Animal & Human Tissue, Plant Tissue, Microorganism (Bacteria, Yeast & fungal spore), Insect, Environmental (Soil, Marine sediments, Rhizosphere, Manure, Compost, Sludge, Feces, Wastewater), Bone & Teeth.		
16	Power range should be 220- 240, 50 Hz		
17	Should perform yearly calibration/Validation and preventive maintenance (2nos) during warranty & if entered into AMC(includes unlimited breakdown calls) /CMC (which will include spare replacement, consumable spares,breakdown calls) Testing & measuring equipment used should be traceable to SI units through National/international standards(As per NABL/NABH norms). To submit SOPs for PMS at the time of installation/commissioning.		
18	Please submit the technical data sheet along with the brochure as a tender document with reference to the quoted make & model.		
19	Please specify list & cost of consumables/consumable Spares(i.e.spares need to be replaced at regular intervals, maybe quarterly/half yearly/yearly such as annual maintenance kit etc.) if any.(Quote Rate)		
20	Please specify pre installation requirements [electrical, HVAC, Compressed air (please specify required air pressure), water requirement (RO/DI/Distilled water with its pressure, flow rate per hour) ; if any of the above is essential]		
21	Demo of the quoted model , will be required if so desired by the user, after the opening of the technical bid and prior to opening of financial bid. This is for technical evaluation.		
22	Predispatch inspection at factory will be required if desired by authorities.		
23	Please visit the site to check whether quoted model can be accomodated in the available space.		
24	Should be CE/FDA/BIS/ICMED approved		
25	Please specify power consumption.		
26	Local Service Support: Should have local office and service support/service engineer for attending the breakdown calls.		
27	Training and Demonstraion is must at the time of installation.		
28	Response Time: Should not be more than 12 hrs from lodging a breakdown complaint on toll free or by email.		
29	Warranty : 2 years		
30	AMC : Maximum 2% per annum for 8 years on Ex-works cost after warranty.		

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 in 16/08/24
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31	Back to back assurance to be taken by the supplier from OEM to supply spares for minimum 10 years and to be submitted.		
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- * Only Yes or No should be mentioned in compliance report and additional information should be in remarks column.
- * If 2 years warranty, 8 years AMC/CMC and buyback conditions wherever applicable are not adhered to, TMC reserves right to reject the offer.
- * Please mention whether UPS/Stabilizer is required for the equipment. If so should be included in the offer.