



File No. AIIMS/NGP/ANAT/CATCH TRIAL/25-26/02

Date: 29.09.2025

**NOTICE INVITING QUOTATIONS**

The Executive Director, All India Institute of Medical Sciences, Nagpur invites quotations from the reputed supplier for procurement of lab consumables for ICMR AYUSH funded CATCH Trial at AIIMS Nagpur. The details are given below:

Sr. No	Items Specification attached Annexure 'A'	Qty.	Unit Price	Pack Price*	Total	GST %	Net Total with GST
1	Aerpsol Barrier Tips, (0.5-10 $\mu$ l)*	5000 unit					
2	Aerosol Barrier Tips, (1-100 $\mu$ l)*	5000 unit					
3	Aerosol Barrier Tips, (100-1000 $\mu$ l)*	1000 unit					
4	Wash Bottle (250 ml)	3 unit					
5	Cryo box ( 100 places)*	16 unit					
6	Medical Storage cold box (Vaccine carrier)	1 unit					
7	Polycarbonate test tube rack (Four way rack)	4 unit					
8	LDPE Pouches*	100 unit					
9	Screw cap vial (2ml)*	3000 unit					
10	Centrifuge tubes (1.5ml)*	500 unit					
11	PVP Vial(15ml)*	100 unit					
12	Aluminum foil (12 inches, 25 feet / roll)	5 unit					
13	Parafilm(100 mm x 38m)	1 unit					
14	Blotting paper*	150 unit					
15	Ethanol(250 ml)*	25 unit					
16	Cryo bottles (500 ml)	3 unit					
17	Cryo bottles (250 ml)	3 unit					
18	PCR tubes {8-Strip PCR Tubes w/o cap}*	125 strips					
19	PCR tubes strip {8-Strip Optically Clear Flat Caps}*	125 strips					
20	PCR tube storage rack {PCR Workstation Rack, 96 Places}	6 unit					
21	Cryo vial (50ml)*	100 unit					
22	Reagent Reservoir, 75ml	1 unit					
23	Rack for Microcentrifuge Tube 5ml / 15 ml, 16 Places	2 unit					
24	Hidispo bag*	500 unit					
25	Pipette holder {Stand to hold 5 - Pipettes}	1 unit					
26	Ice bucket ( big ) 4.5ltr	1 unit					
27	Ice bucket (small ) 2.5ltr	1 unit					
28	Torniquet	5 unit					
29	Spray bottle {500ml}	2 unit					
30	Plastic tray	3 unit					
31	PH PAPER (pH Paper Range : pH 1 to 14*	200 unit					
32	Litmus Paper Red*	100 unit					
33	Litmus Paper Blue*	100 unit					

रोहन एल. दागडे  
आमसिक अधिकारी / Administrative Officer  
अ.भा.आर. नागपुर / AIIMS



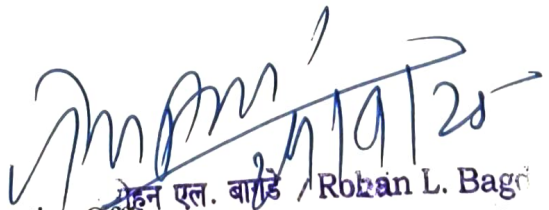
अखिल भारतीय आयुर्विज्ञान संस्थान नागपुर  
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NAGPUR  
Address: Plot no.2, Sector -20, MIHAN, Nagpur - 441108  
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DEPARTMENT OF ANATOMY

34	Beaker (100 ml)	4 unit					
35	Beaker (250 ml)	3 unit					
36	Beaker (50 ml)	2 unit					
37	Beaker (500 ml)	5 unit					
38	Measuring cylinder (10 ml)	2 unit					
39	Measuring cylinder (250ml)	2 unit					

\*Note- These marked items are generally available in packs so kindly mention pack price and quote the quantity per pack, wherever applicable.

TERMS OF CONDITIONS:

1. All quotations to be submitted in the name of **Executive Director, AIIMS Nagpur** only. Quotations not addressed to Executive Director, AIIMS, Nagpur will not be opened and rejected summarily.
2. Copy of NIQ along with annexure duly signed and stamped by the vendor to be submitted along with quotation by accepting all the terms and condition of the NIQ.
3. Vendors have requested to submit detailed technical specification of quoted along with broacher
4. Quotation without technical specification will be strictly rejected
5. A compiled statement of technical specification need to be submitted along with quotation.
6. Rates of articles should be quoted per unit item/pack size without including GST.
7. Taxes leviabale should be quoted separately.
8. Delivery Period: - Within 30 days from the date of supply order.
9. Delivery should be FOR O/o The Director AIIMS Nagpur.
10. A declaration by the vender is required to be submitted along with quotation stating that vendor is not debarred by Department of Commerce or Ministry/ Department concerned. The date of declaration should not be before the date of NIQ and after the last date of submission of quotation.
11. **Liquidated Damages charges:-** In the event of the Seller's failure supply, Liquidated Damages charges will be deducted to the sum of 0.5% of the contract price of the delayed/undelivered, stores/services mentioned above for every week of delay or part their of a week, subject to the maximum value of the Liquidated Damages being not higher that 10% of the value of delayed stores.
12. Payment will be released on inspection of supplied material found satisfactory by the concerned department as regard to quality, quantity etc. Broken articles will have to be replaced before payment.
13. Bank details such as Account Number, IFSC Code etc. should be furnished so as to facilitate payment on line, if any.
14. Interested parties should submit their quotations in **sealed envelope in "Store office, Admin block, AIIMS Nagpur, MIHAN, Plot No 2 Sector 20 MIHAN Nagpur for CATCH Trial, Department of Anatomy", super scribing: -"QUOTATION FOR SUPPLY OF MEDICAL LAB CONSUMABLES - CATCH TRIAL AT AIIMS NAGPUR NIQ NO. AIIMS/NGP/ANAT/CATCH TRIAL/25-26/02, DATED 29/ 09 /2025"** on or before 06/10/25 17.00hrs, which will be opened on 07/10/2025 at 11.00 hrs.
15. Rights to accept/reject any quotation rests with the AIIMS Nagpur.

  
Rohan एल. बागडे / Rohan L. Bagde  
Administrative Officer  
अ.भा.आ.सं. नागपुर / AIIMS, Nagpur

## Annexure A

### Technical Specifications

**Note-** It is preferable that the following items — microtips, cryo boxes, polycarbonate test tube racks (four-way test tube racks), 2 ml screw-cap vials, Eppendorf tubes, PVP vials, cryo bottles, PCR tubes, PCR strips, PCR tube storage racks, reagent reservoirs, microcentrifuge tube racks, Hidispo bags, pipette holders, ice buckets, beakers, and measuring cylinders, etc — be preferably quoted of standard brands such as **Genaxy, Tarsons, Himedia, or Borosil**.

#### 1. Aerosol Barrier Tips, (0.5-10 $\mu$ l), Graduated, Sterile

- Volume capacity: **0.5 – 10  $\mu$ L**, ideal for precise low-volume pipetting
- **Graduated tips** for clear and accurate volume identification
- **Aerosol barrier filter design** to minimize cross-contamination and aerosol generation
- **Pre-sterilized**, DNase/RNase free, and ready for immediate use

#### 2. Aerosol Barrier Tips, (1-100 $\mu$ l), Graduated, Sterile

- Volume Range: **1–100  $\mu$ l**, suitable for handling low to medium sample volumes
- **Graduation**: Clearly graduated for precise volume identification
- **Design Features**: Must include an internal aerosol **barrier filter** to prevent cross-contamination and protect pipette shafts
- **Sterility Requirements**: Supplied sterile, and DNase, RNase free

#### 3. Aerosol Barrier Tips, (100- 1000 $\mu$ l), Graduated, Sterile

- Volume Range: **100–1000  $\mu$ l**, suitable for handling larger liquid volumes
- **Graduation**: Tips must have clear and accurate graduation markings for precise volume measurement
- **Design**: Should include an integrated aerosol **barrier filter** to prevent contamination and protect pipette shafts
- **Sterility**: Supplied sterile, and DNase-free, RNase-free,

#### 4. Wash Bottle (250 ml )

- Capacity: 250 ml
- Transparency: Semi-transparent body for easy visibility of liquid level
- Nozzle: Narrow, angled nozzle for controlled dispensing of liquids
- Cap: Leak-proof, screw-type cap attached with the nozzle for secure handling
- Flexibility: Squeezable body allows smooth and easy flow of liquid
- Chemical Resistance: Suitable for use with distilled water, alcohols, and mild laboratory chemicals

#### 5. Cryo box (100 places)

- Compatibility: Suitable for storing up to **100 cryovials of 1.0 ml, 1.5 ml, and 2.0 ml sizes**
- Material: Made of high-quality polypropylene for enhanced durability and chemical resistance
- Temperature Tolerance: Must withstand temperatures from **-196°C (liquid nitrogen) to +121°C (autoclaving)**
- Sterilization: Fully **autoclavable at 121°C**, ensuring sterility and reusability

## 6. Medical Storage cold box (Vaccine carrier)

- Capacity: Standard size **suitable for carrying vaccine vials and medical supplies**
- Material: Made from durable, high-quality food-grade plastic with insulation
- Insulation: **Thick polyurethane / insulated walls** to maintain required cold temperature for long duration
- Lid: Tight-fitting insulated lid to prevent temperature loss
- Handles: Strong, foldable handles provided for easy carrying and transport
- Ice Packs: Designed to accommodate standard ice packs for effective temperature maintenance
- Temperature Range: Maintains vaccines and medicines between **+2°C to +8°C** when properly packed

## 7. Polycarbonate test tube rack (Four way rack)

- Carrying capacity- **To carry 50 ml tubes, 15 ml tubes, 1.5 ml micro tubes and 0.5 ml**
- Build Quality: Must be rigid and sturdy to ensure stable support during sample handling and experiments
- Chemical Resistance: Should be resistant to common laboratory chemicals and solvents for long-term durability
- Sterilization: Fully **autoclavable at 121°C**, allowing repeated sterilization without compromising structural integrity.

## 8. LDPE Pouches (sterile)

- Sizes- **5\*8 inches**
- Material: Made from **low-density polyethylene (LDPE)**, offering flexibility, durability, and chemical resistance
- Features: Moisture-resistant, lightweight, and transparent for easy content visibility
- Safety: Non-toxic and safe for laboratory use; provides a reliable and economical packaging solution.

## 9. Screw cap vial (2ml, sterile)

- **Size- 2ml**
- Material: Vial made of **high-quality polypropylene (PP)** for chemical resistance and durability
- Closure: Fitted with **HDPE screw caps** to ensure a secure, leak-proof seal and prevent contamination
- Design: Self-standing format for ease of handling and upright storage on flat surfaces

## 10. Centrifuge tubes (1.5ml)

- **Capacity:** 1.5 ml
- Graduations & Writing Surface: **Clear external graduations** for accuracy and a frosted writing surface on the cap and side wall for easy sample identification
- Bottom: Ultra-smooth **conical bottom** for 100% visibility and to prevent cuts or scratches.
- free of DNase, RNase, sterile
- Intended for routine lab use including sample storage, centrifugation, and reagent handling

## 11. PVP vial (15ml Cryovials)

- **Capacity:** 15 ml
- Features - Centrifuge Tube, Cap Sterile, Autoclavable, Conical bottom, RCF value: 17000g DNase / RNase free, Pyrogen free

- Intended for routine lab use including sample storage, centrifugation, and reagent handling.

## 12. Aluminium foil (12 inches, 25 feet)

- Material: Made from **high-quality aluminum sheet**
- Thickness: Standard laboratory-grade thickness
- Width: Available in standard roll widths, commonly 30 cm or more
- Length: 25 feet
- Strength: Tear-resistant and durable for routine laboratory and general use
- Heat Resistance: Withstands high temperatures, suitable for heating and covering applications

## 13 Parafilm

- Size-W x L : **100 mm x 38m, natural**
- Features: **Flexible, stretchable, and moisture-resistant sealing film** for secure sample handling
- Suitable for laboratory sealing and protection of containers, flasks, and tubes

## 14. Blotting paper

- Material: High-quality **cellulose fiber-based absorbent paper**
- Thickness: **Uniform thickness** to ensure even absorption
- Surface: Smooth and uniform surface for consistent performance
- Absorbency: Excellent absorption capacity for liquids and solvents
- Strength: Tear-resistant even when wet, ensuring durability in use

## 15. Ethanol (250 ml)

- Purity: **Laboratory-grade ethanol (95–99%)**
- Appearance: Clear, colourless liquid with characteristic odor
- Solubility: Completely miscible with water and most organic solvents
- Volatility: Highly volatile, evaporates quickly at room temperature
- Flammability: Highly flammable, must be stored away from heat and flames

## 16. Cryo Bottle (500ml)

- **Capacity: 500 ml**
- Features: Durable construction suitable for low-temperature applications
- **Autoclavable**
- Intended for cryogenic sample storage and handling in laboratory settings

## 17. Cryo bottles (250ml)

- **Capacity: 250 ml**
- Intended for cryogenic sample storage and handling in laboratory settings
- Durable construction suitable for low-temperature applications

## 18. PCR tubes

- Product: **8-Strip PCR Tubes (without cap)**
- Format: Strip of 8 tubes, supplied without caps; **compatible with standard PCR instruments**
- Suitable for PCR and thermal cycling applications in molecular biology workflows

## 19. PCR tubes strips (8-Strip Optically Clear Flat Caps )

- Product: **8-Strip PCR Tubes**
- Suitable for PCR and thermal cycling applications in molecular biology workflows
- Format: **8-Strip Optically Clear Flat Caps** , compatible with standard PCR instruments

## 20. PCR tubes storage rack

- **PCR Workstation Rack, 96 Places**
- Suitable for **organizing and storing 96 PCR tubes**; ideal for high-throughput workflows and thermal cycling setups
- Features: **Durable construction, compatible with standard PCR tube formats**, designed for efficient sample handling

## 21. Cryo Vial (50ml)

- Capacity: **50 ml**
- Features: screw cap, **sterile, autoclavable**, conical bottom design
- Quality Standards: DNase-free, RNase-free, for safe and reliable sample handling

## 22. Reagent Reservoir

- Capacity: **75 ml**
- Material: Made from **polypropylene (PP)**
- Features: Autoclavable for sterility and reusable in laboratory workflows

## 23. Rack for Microcentrifuge Tube 5ml / 15 ml, 16 Places

- Dimensions: **21 × 24 × 22 cm (L × W × H)**.
- **Microcentrifuge Tube 5ml / 15 ml, 16 Places** .
- For safe holding and organization of 5 mL 15 ml microcentrifuge tubes.

## 24. Hidispo bags

- Intended for safe disposal of laboratory waste and biohazardous materials
- Features: Durable, sterile, and suitable for lab use

## 25. Pipette holder

- Capacity: Holds up to 5 pipettes at a time
- Compatibility: Suitable for most standard pipettes (single-channel and multi-channel)
- Should be **durable and made of sturdy material**, ensuring long-lasting use in laboratory conditions.
- The stand helps to **keep pipettes organized and easily accessible**, reducing clutter on the lab bench.

## 26 .Ice bucket (big)

- Capacity: 4.5 litres
- Lid: Comes with a tight-fitting lid to minimize ice melting
- Maintains ice for longer duration, ideal for keeping samples and reagents chilled
- Suitable for laboratory and research work requiring cold storage on bench

## 27. Ice bucket (small)

- Capacity: 2.5 litres
- Lid: Supplied with a tight-fitting lid to reduce ice melting and contamination
- Exterior: Non-condensing outer surface keeps the bucket dry and easy to handle
- Durability: Chemically resistant and long-lasting, suitable for laboratory use
- Maintains ice for extended periods, suitable for chilling samples, reagents, enzymes during experiments

### 28. Torniquet -

- Material: Made from **high-quality elastic / latex-free rubber** or fabric band
- Length: Standard length suitable for adult use (approx. 18–20 inches)
- Width: Comfortable width to ensure proper compression without pain (approx. 2–3 cm)
- Stretchability: Good elasticity for firm yet comfortable grip on the arm
- Closure: Provided with buckle / clip / knotting type closure for easy application and release

### 29. Spray bottle

- Capacity: **500 ml**
- Material: Made from **high-quality, durable plastic (generally HDPE / PET)**
- Nozzle: **Adjustable spray nozzle for fine mist** or direct stream application
- Bottle Design: Ergonomic, lightweight, and easy to handle
- Transparency: Semi-transparent / transparent body to monitor liquid level easily
- Leak-proof: Designed with a tight-fitting cap and nozzle to prevent leakage

### 30. Plastic tray -

- Material: **high-quality polypropylene (PP) / HDPE plastic**
- Size: **standard laboratory sizes (medium)**
- Strength: Should be of strong and sturdy design suitable for repeated laboratory use
- Surface: Smooth, easy-to-clean surface ensuring hygiene and reusability
- Weight: Lightweight for easy handling and portability

### 31. PH Paper

- Range: Indicator pH Paper Range : **pH 1 to 14**
- **200 strips**
- Accuracy: Provides quick and reliable pH measurement across the entire range
- Indicator: Clear and distinct colour change for easy interpretation
- Convenience: Easy-to-use strips, no additional equipment required

### 32. Litmus Paper Red -

- Material: High-quality **absorbent paper impregnated with litmus dye**
- Color: **Red (acidic indicator paper)**
- Range: Used to detect alkaline/basic solutions (turns blue in alkaline medium)
- **Strips 100**
- Accuracy: Provides quick and visible colour change for reliable pH indication
- Handling: Easy-to-use strips, ready for immediate testing without extra equipment
- Packaging: Packed in protective covers/boxes to avoid moisture damage
- Durability: Long shelf-life if stored in cool and dry conditions

### 33. Litmus Paper Blue

- Material: High-quality **absorbent paper impregnated with litmus dye**

- Color: **Blue (basic indicator paper)**
- Range: Used to detect acidic solutions (turns red in acidic medium)
- Pack Size: **in strips, 100 strips per pack**
- Accuracy: Provides quick and clear colour change for reliable pH indication
- Handling: Ready-to-use strips, easy for rapid testing without extra equipment
- Packaging: Packed in protective covers/boxes to prevent exposure to moisture
- Durability: Long shelf-life when stored in cool, dry conditions

#### 34. Beaker (100 ml)

- Capacity: **100 ml**
- Material: **High-quality 3.3 Borosilicate glass**
- Graduation: Clear and **easy-to-read graduation markings** for accurate measurement
- **Heat Resistance:** Withstands high thermal stress, suitable for heating and boiling applications
- **Chemical Resistance:** Resistant to most acids, alkalis, and organic solvents
- Durability: Reusable and long-lasting, ideal for laboratory applications
- Suitable for mixing, heating, measuring, and general laboratory use

#### 35. Beaker (250 ml)

- Capacity: **250 ml**
- Material: Made from **high-quality 3.3 Borosilicate glass**
- Graduation: Clear, **easy-to-read graduation marks** for precise measurement
- Mouth: **Wide mouth** allows easy filling and pouring of liquids
- **Heat Resistance:** Can withstand high thermal stress, suitable for heating and boiling
- **Chemical Resistance:** Resistant to most chemicals, acids, alkalis, and organic solvents
- Durability: Reusable, long-lasting, and ideal for daily laboratory use
- Suitable for mixing, heating, measuring, and holding liquids in research and industrial labs

#### 36. Beaker (50 ml)

- Capacity: **50 ml**
- Material: Manufactured from **high-quality Borosilicate glass**
- Graduation: **Clear and accurate graduation markings** for easy reading
- Mouth: Wide mouth for convenient filling and pouring of liquids
- **Heat Resistance:** Withstands high thermal stress, suitable for heating and boiling applications
- **Chemical Resistance:** Excellent resistance to acids, alkalis, and most solvents
- Durability: Reusable, sturdy, and long-lasting for laboratory use

#### 37. Beaker (500 ml)

- Capacity: **500 ml**
- Material: Made **from high quality Borosilicate glass**
- Graduation: **Easy-to-read and accurate graduation markings** for measurement
- Mouth: Wide mouth for convenient filling, mixing, and pouring
- **Heat Resistance:** Withstands high thermal stress, suitable for heating and boiling applications
- **Chemical Resistance:** Resistant to most chemicals, acids, alkalis, and organic solvents
- Durability: Strong, reusable, and long-lasting for routine lab operations
- Suitable for mixing, heating, measuring, and storing liquids in laboratory and industrial setups

#### 38. Measuring cylinder (10 ml)

- Capacity: **10 ml**
- Material: Made from **high-quality Borosilicate glass**

- Graduation: **Clear, precise, and permanent graduation markings** for accurate measurement
- Base: **Hexagonal base** provides stability and prevents tipping over
- Pouring: Designed with a spout for easy and spill-free pouring
- **Heat Resistance:** Can withstand high temperatures during laboratory use
- **Chemical Resistance:** Resistant to most acids, alkalis, and laboratory reagents
- Durability: Strong, reusable, and long-lasting glassware for routine use

### 39. Measuring cylinder (250ml)

- Capacity: **250 ml**
- Material: Manufactured from **high-quality Borosilicate glass**
- Graduation: Clear and permanent graduation markings for precise volume measurement
- Base: **Hexagonal base** provides excellent stability and minimizes the risk of tipping
- Pouring: Designed with a spout for smooth and spill-free pouring of liquids
- **Heat Resistance:** Withstands high temperatures, suitable for heating applications in labs
- **Chemical Resistance:** Resistant to most chemicals, acids, alkalis, and organic solvents
- Durability: Strong, reusable, and long-lasting for everyday laboratory use