



आरोग्यम् परमं सुखम्

अखिल भारतीय आयुर्विज्ञान संस्थान, देवघर
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, DEOGHAR
(स्वास्थ्य एवं परिवार कल्याण मंत्रालय के अंतर्गत राष्ट्रीय महत्व का एक संस्थान)
(An Institute of National Importance under Ministry of Health & family Welfare)
Devipur, Deoghar (Jharkhand) - 814152 / देवीपुर, देवघर (झारखंड) - ८१४१४२

Invitation Of Quotation
For
Procurement Of
Essential
Consumable And Non-
Consumable Items
For Establishment Of
Forensic Analytical
Toxicology Lab
Services
At
AIIMS Deoghar

Reference No.: AIIMD/MSO/Admn/18/2026-O/o MS

Date of Issue: 12/08/2026

Last Date of Submission: 19/08/2026 at 05:00PM.

All India Institute of Medical Sciences, Deoghar

Devipur campus, Ramsagar, Deoghar: 814152, Jharkhand

Email: lpc@aiimsdeoghar.edu.in

**Invitation of quotation for Procurement of essential consumable and non-consumable items for establishment of
Forensic Analytical Toxicology Lab services at AIIMS Deoghar**

Sealed Quotations are invited on behalf of AIIMS, Deoghar for **Procurement of essential consumable and non- consumable items for establishment of Forensic Analytical Toxicology Lab services at AIIMS Deoghar (Annexure-I)** required for the Institute as per terms & conditions mentioned below. The filled quotations along with the entire required document must reach in the office of the undersigned on or before **19/08/2026 at 05:00 PM**. The **Envelope containing the quotation** must be sealed and **super scribed as under: -**

“QUOTATION FOR SUPPLY OF PAPER ENVELOPES

For: Procurement of Essential Consumable and Non-Consumable Items for Establishment of Forensic Analytical Toxicology Laboratory Services at AIIMS Deoghar

Reference No.: AIIMD/MSO/Admn/18/2026-O/o MS

Due Date & Time: 19/08/2026 at 05:00 PM”.

The Quotation should be sent to the address: -

LPC Chairperson,
AIIMS Deoghar Devipur Campus,
Ayush Block, Room No. 30
Procurement Cell, LPC Office
Deoghar, Jharkhand-814152.

1. Terms &Conditions:

- a) The quotations received **after this deadline or unsealed shall not be entertained** under any circumstances whatsoever. In case of postal delay this Institute will not be responsible. The offer submitted by Fax / email shall not be considered and no correspondence will be entertained in this matter.
- b) Quotations must be in the **enclosed prescribed Performa (Annexure -2) on the letter head of the firm duly signed** by the Proprietor/ Partner/ Director or their authorized representative, in case of signing of quotation by the authorized representative letter of authorization must be attached with the quotation.
- c) The supplier should supply all the equipment's/items along with its accessories.
- d) Rates must be quoted in Indian rupees.
- e) Rates must be inclusive of all charges (including Freight charges, Insurance, installation, taxes etc.).
- f) **No overwriting or cutting** is permitted in the rate. If found, the quotation shall be summarily rejected.
- g) The **rates quoted must be valid for 90 days minimum from the date of opening of the quotation** and silence of any tendered on this issue shall be treated as agreed with this condition.
- h) **Total cost/amount will be taken in consideration for L1.** Becoming L1 will not be the criteria for awarding of purchase order unless the rates are reasonable & justified.

- i) The firm/agency may satisfy the following conditions and **attach self-attested copy of the same with the quotation:**
- The firm shall have valid GST/Other taxes and IT PAN.
 - The firm should not be blacklisted by any Government agency/Department.
 - Purchase order of any government institute. / Undertaking on rupees 10 affidavit that the mentioned items have not been supplied by the vendor below the quoted rates to any institute or anybody
- j) Quotations qualified by such vague and indefinite expressions such as “subject to prior confirmation”, “subject to immediate acceptance” etc. will be treated as vague offers and it will be rejected accordingly. Any conditional quotation shall be rejected summarily.
- k) **Delivery Period**– within **30 days** from Purchase order.
- l) **Liquidated Damage:** - If the supplier fails to deliver the material on or before the stipulated date, then a penalty at the rate of 0.5 % per week of the total order value shall be levied subject to maximum of 10% of the total order value.
- m) **Payment Terms:** Payment will be only after satisfactorily delivery/ commissioning of material and after inspection by the AIIMS Deoghar.
- n) **Disputes:** -In the event of any dispute or disagreement arising between the contractors and any other department of AIIMS Deoghar with regards to the interpretation of “Terms & Conditions” of this inquiry, the same shall be referred to arbitrator appointed by The Executive Director, AIIMS, Deoghar, whose decision will be final and binding upon the contractor.
- o) AIIMS, Deoghar reserves the right to increase or decrease quantity. Decision of Quantity of items in the AIIMS, Deoghar will be final in this regard.
- p) AIIMS, Deoghar reserves the right to reject any quotation or part or the whole of inviting quotation process without assigning any reason. Decision of The Executive Director, AIIMS, Deoghar, will be final in this regard.
- q) The envelope containing quotation should be sealed with WAX/TAPE on both sides. The quotation received after due date will not be accepted.
- r) Procurement will be as per rule **GFR-155** of Government of India.

Encl.: Annexure 1 (List of Consumables)

Annexure2 (Format of price bid)

List of Consumables for Analytic Toxicology Lab

S. No	Item	Quantity
1.	Flat bottom flask (30-50 ml)	1-2 nos
2.	Mask	2 nos
3.	Reflux condenser	5 nos
4.	Thermometer (glass)	1 nos
5.	Separating funnel	2 nos
6.	Funnel	30 nos
7.	Beaker (100 mL)	30 nos
8.	Conical flask (100 mL)	20 nos
9.	Conical flask with vacuum inlet	10 nos
10.	China dish	30 nos
11.	Test tubes (15 mL)	100 pcs
12.	Test tubes (25 mL)	100 pcs
13.	Centrifuge tubes (5 mL)	100 pcs
14.	Glass slides	1 box
15.	Cover slip (22 mm)	1 pack
16.	Pasteur pipette (3ml)	5 nos
17.	Beaker (250 ml)	20 nos
18.	Reagent bottles (100 ml)	30 nos
19.	Reagent bottles (250 ml)	30 nos
20.	Eppendorf tube (1.5 ml)	50 nos
21.	Test tube stands (5,10,20 ml)	3-5 nos
22.	Thin grid for heating	2 nos
23.	Micro pipette & stand (5,20,100 micro ltr, 1ml)	2 nos
24.	Arsenic glassware	2 nos
25.	Capillary tubes	100 pcs
26.	Beaker (500 ml)	20 nos
27.	TLC reader (UV cabinet)	1 nos
28.	TLC Plates	6 boxes
29.	Centrifuge machine (5000 rpm)	1 nos
30.	Steam distillation unit	1 nos
31.	Heating mantle (250-500 ml)	1 nos
32.	Vortex mixer	1 nos
33.	Water bath	1 nos
34.	Snake venom kit	15 kits
35.	TLC spray chamber	1 nos
36.	Weighing balance (milli gram sensitivity)	1 nos
37.	Retort stand	10 nos
38.	Protective goggles	2 nos
39.	Hexane	1 L

40.	Acetone	1L
41.	Methanol	1L
42.	Diethyl ether	1L
43.	Ethanol	1L
44.	Chloroform	1L
45.	Dichloromethane	1 Kg
46.	Ethyl acetate	1L
47.	Ammonia (25–30%)	1 Kg
48.	Sulphuric acid	1L
49.	Nitric acid	1L
50.	Hydrochloric acid	1L
51.	Ammonium chloride buffer (pH 9)	1L
52.	Benzene	1L
53.	Rectified spirit	3L
54.	Toulene	3L
55.	Propanol / Isopropyl alcohol	3L
56.	Sodium hydroxide	1 Kg
57.	Sodium Dithionate	200 gms
58.	Potassium iodate	100 gms
59.	Potassium iodide	1 Kg
60.	Mercurous nitrate	100 gms
61.	Iodoplatinate	2-5 gms
62.	Mandelin reagent	30 ml
63.	Silver nitrate	100 gms
64.	Ferric chloride	100 gms
65.	Ferric nitrate	100 gms
66.	Sodium tungstate	100 gms
67.	TCA	100 gms
68.	Sodium Bicarbonate	1 Kg
69.	Dragendroff Reagent	1 L
70.	Ninhydrin Reagent	1L
71.	Chromotropic acid	25 gms
72.	Sulphonic acid	1 L
73.	Sodium nitrite	1 Kg
74.	Potassium hydroxide	1 Kg
75.	Labolene	5 L
76.	Potassium dichromate	500 gms
77.	Lead acetate	1Kg
78.	Sodium nitroprusside	100 gms

79.	Sodium sulphate	100 gms
80.	Potassium permagnate	100 gms
81.	Ammonium hydroxide	1 L
82.	Ammonium molybdate	250 gms
83.	Gas cylinder with regulator n pipe	1 nos
84.	Copper foil	2 nos
85.	O-cresol	150 ml
86.	Sodium bisulphite	100 gms
87.	Clamp for funnel	2 nos
88.	Clamp for separating funnel	2 nos
89.	Clamp for holding condensor	2 nos
90.	Tripod stand	5 nos
91.	Asbestos sheet for heating	1 nos
92.	Bunsen burner	2 nos
93.	EtG rapid kit	100 nos
94.	Multi drug kit(10 panel)	200 nos

Note:

1. The above list comprises total **94 consumable and non-consumable items** required for the procurement of essential consumable and non-consumable items for the establishment of **Forensic Analytical Toxicology Laboratory Services at AIIMS Deoghar.**

2. Demonstration of the quoted items shall be mandatory. The successful bidder(s), if requested by AIIMS Deoghar, shall arrange a physical demonstration of the quoted item(s) at AIIMS Deoghar or any other location as specified by the Institute, at their own cost and risk, before the placement of the Purchase Order. The demonstration shall establish that the quoted item(s) fully conform to the required technical specifications, functional requirements, quality standards, and intended application.

Failure to arrange the demonstration within the stipulated time or failure of the quoted item(s) to meet the required specifications and performance criteria during the demonstration shall render the quotation liable for rejection without any further correspondence. No additional charges whatsoever shall be payable by AIIMS Deoghar towards demonstration, transportation, installation, or any incidental expenses incurred for the purpose of demonstration.

Specification for Analytic Toxicology Lab Consumables & Non-Consumables

S. No	Item	Specifications
1.	Flat bottom flask (30-50 ml)	Borosilicate glass, 30–50 mL capacity, flat base for stable bench-top use, suitable for heating, mixing, and small-scale laboratory reactions.
2.	Reflux condenser	Borosilicate glass, water-cooled straight (Liebig) condenser, approximately 200–300 mm jacket length, designed for efficient condensation of vapors during reflux reactions.
3.	Thermometer	Borosilicate glass, mercury-free/alcohol-filled laboratory thermometer with a 0–110 °C temperature range and 1 °C least count , suitable for accurate laboratory temperature measurement.
4.	Separating funnel	Borosilicate glass separating funnel (125–250 mL) with a PTFE stopcock and ground-glass stopper , designed for efficient liquid–liquid extraction and phase separation.
5.	Funnel	Borosilicate glass funnel (approximately 75–100 mm diameter) with a long stem, suitable for filtration and safe transfer of liquids using filter paper.
6.	Beaker	Borosilicate glass, capacity of 100 ml, 250 ml, 500 ml
7.	Conical flask	Borosilicate glass conical flask (100 ml) with a narrow neck, graduated markings, and heat-resistant construction, suitable for mixing, heating, and titration.
8.	Conical flask with vacuum inlet	Heavy-wall borosilicate glass flask (100 mL) with a side-arm vacuum inlet, designed for vacuum filtration and compatible with Büchner funnels.
9.	China dish	Glazed porcelain evaporating dish (approximately 75–100 mm diameter, 50–100 mL capacity), heat-resistant and suitable for evaporation, heating, and drying of samples.
10.	Test tubes	Borosilicate glass test tubes, 15 mL capacity (approximately 16 × 125 mm), heat-resistant and suitable for sample collection, heating, mixing, and qualitative laboratory analysis.
11.	Test tubes	Borosilicate glass test tubes, 25 mL capacity (approximately 16 × 125 mm), heat-resistant and suitable for sample collection, heating, mixing, and qualitative laboratory analysis.

12.	Centrifuge tubes	Polypropylene conical centrifuge tubes, 5 mL capacity , graduated with leak-proof screw cap, suitable for centrifugation and storage of biological or chemical samples.
13.	Glass slides	Clear optical-quality glass microscope slides, 75 × 25 mm (approximately 1 mm thick), with polished edges, suitable for preparation and microscopic examination of specimens.
14.	Cover slip	Optical-quality square glass cover slips, 22 × 22 mm , No. 1.5 thickness (≈0.16–0.19 mm) , suitable for covering specimens during microscopic examination.
15.	Pasteur pipette	Borosilicate glass Pasteur pipette, 3 mL capacity , with a fine tip for accurate transfer of small volumes of liquids; compatible with a rubber bulb.
16.	Reagent bottles	Borosilicate glass reagent bottle (100 mL) with a leak-proof screw cap or ground-glass stopper, available in clear or amber glass for safe storage of laboratory chemicals and reagents.
17.	Reagent bottles	Borosilicate glass reagent bottle (250 mL) with a leak-proof screw cap or ground-glass stopper, available in clear or amber glass for safe storage of laboratory chemicals and reagents.
18.	Eppendorf tube	Polypropylene microcentrifuge tube, 1.5 mL capacity , graduated with a snap-cap, DNase/RNase-free, suitable for sample storage and high-speed centrifugation.
19.	Test tube stands	Chemical-resistant polypropylene test tube rack with multiple slots, designed to securely hold 5 mL, 10 mL, and 20 mL test tubes during laboratory procedures and drying.
20.	Thin grid for heating	Heat-resistant stainless steel wire gauze with a ceramic center (approximately 10 × 10 cm), used to support glassware and distribute heat evenly during heating over a burner.
21.	Micro pipette & stand	Adjustable, autoclavable micropipettes with volume ranges 0.5–5 µL, 2–20 µL, 20–100 µL, and 100–1000 µL (1 mL) , supplied with a sturdy stand for organized storage and easy access.
22.	Arsenic test apparatus	Borosilicate glass Gutzeit arsenic test apparatus comprising a reaction bottle, absorber tube, and gas delivery assembly, designed for qualitative and semi-quantitative detection of arsenic in laboratory samples.
23.	Capillary tubes	Clear borosilicate glass capillary tubes, approximately 75 mm long with 1–2 mm outer diameter , suitable for

		collection of small-volume samples and capillary-based laboratory procedures.
24.	TLC reader (UV cabinet)	UV viewing cabinet with dual-wavelength UV lamps (254 nm and 366 nm) , enclosed viewing chamber, and safety filter for visualization and documentation of TLC plates.
25.	TLC Plates	Pre-coated Silica Gel 60 F₂₅₄ TLC plates (aluminum or glass-backed), 20 × 20 cm , suitable for qualitative separation and identification of chemical compounds under UV light
26.	Centrifuge machine	5000 RPM
27.	Steam distillation unit	Borosilicate glass steam distillation apparatus comprising a steam generator, distillation flask, condenser, and receiver, suitable for isolation of volatile compounds and toxicological sample preparation.
28.	Heating mantle	Electric heating mantle compatible with 250–500 mL round-bottom flasks , featuring uniform heat distribution, temperature control, and a heat-resistant outer casing for safe laboratory heating.
29.	Vortex mixer	Bench-top vortex mixer with variable speed (0–3000 rpm) and touch/continuous operation modes, suitable for rapid mixing of test tubes and small laboratory containers.
30.	Water bath	Aluminum or stainless-steel water bath, approximately 2–5 L capacity, heated by a simple electric heating element with an analogue thermostat, suitable for routine laboratory heating up to 100°C.
31.	Mask	Reusable half-face respirator with organic vapor cartridges (A1/A2 type) and particulate pre-filters, providing protection against organic solvent vapors and laboratory aerosols; compatible with NIOSH or EN 140/EN 14387 standards.
32.	TLC spray chamber	Borosilicate glass TLC spray chamber with a fine atomizer/spray nozzle, chemical-resistant construction, designed for uniform application of visualization reagents on TLC plates.
33.	Weighing balance	Digital precision weighing balance with 1 mg (0.001 g) readability , capacity 200–500 g , and LCD display for accurate laboratory weighing.
34.	Retort stand	Heavy-duty cast iron base with a stainless-steel support rod (approximately 60 cm), supplied with adjustable

		clamps and boss heads for securely holding laboratory glassware during experiments.
35.	EtG rapid kit	Qualitative detection of Ethyl Glucuronide (EtG)
36.	Multi drug kit	Lateral flow immunochromatographic urine drug screening kit capable of simultaneous qualitative detection of Cannabis (THC), Amphetamine (AMP), Methamphetamine (MET), Opiates (OPI), Phencyclidine (PCP), Benzodiazepines (BZO), Barbiturates (BAR), Methadone (MTD), MDMA/Ecstasy, Oxycodone (OXY), and Buprenorphine (BUP) , providing results within 5–10 minutes .
37.	Snake venom kit	Rapid immunochromatographic assay for qualitative detection of venom from the snakes— Indian Cobra, Common Krait, Russell's Viper, and Saw-scaled Viper —using blood or wound samples, with results typically available in 15–30 minutes .
38.	Protective goggles	Chemical splash-resistant safety goggles with clear polycarbonate anti-fog lenses , indirect ventilation, and an adjustable elastic headband, conforming to ANSI Z87.1 or EN166 safety standards.

Note:

1. The above list comprises **38 consumable and non-consumable items** for which detailed technical specifications have been defined.

For the remaining items, the specifications shall be as per the standard specifications and quality parameters generally followed for the procurement of consumable and non-consumable items required for the establishment of **Forensic Analytical Toxicology Laboratory Services at AIIMS Deoghar**.

Reference no: AIIMD/MSO/Admn/18/2026-O/o MS

Date: __/08/2026

[Letter head of firm]

PRICEBID FORM

To,
LPC Chairperson,
AIIMS, Deoghar.
Jharkhand

Dear Sir,

I/We, _____, hereby submit our quotation against the "Quotation for Procurement of Essential Consumable and Non-Consumable Items for Establishment of Forensic Analytical Toxicology Laboratory Services at AIIMS Deoghar", bearing Reference No. AIIMD/MSO/Admn/18/2026-O/o MS, due on 19/08/2026 at 05:00 PM, for consideration by AIIMS Deoghar.

1. I/We have carefully examined, understood, and accepted all the terms and conditions contained in the quotation document. I/We understand that failure to comply with any of the prescribed terms and conditions may render our quotation liable to rejection.
2. I/We hereby offer to supply the required consumable and non-consumable items in accordance with the prescribed specifications, terms and conditions, at the rates quoted in the following Price Schedule.

S. no.	Name of Item with specification	Unit Price	GST %	Unit price with GST	Total Qty	Total cost
1						
		Total cost/ amount				
Total cost/amount (in words)						

Note: -

- The bidder must quote their quotation only in above said format on the letter of firm otherwise quotation will be REJECTED.
- Catalog must be attached with quotation for technical evaluation.

Date:

(Name):

Place:

Name of Firm/Company/Agency:

GSTIN No.:

Phone No:

Email:

(Signature of Authorized Person) _____

Seal: _____