



No.: AIIMS/Bio/DL/Extra/ALF/LPC

Date: 05-01-2026.

QUOTATION NOTICE

Inviting quotations for purchase of consumables for the project work of Dr. Jessy Abraham, Additional Professor of Biochemistry at AIIMS, Raipur.

Sealed quotations are invited from intending registered Stockiest / Distributors having GST and relevant documents for below said items. The quotation should be submitted to Office of Biochemistry, Medical College Building, 2nd Floor, gate no.-5, at AIIMS, Raipur within seven days, up to 12-01-2026 before 3:00pm. The quotations will be opened on the same day at 3.30 pm. Details of item are given as under:

Sr. No	Description of item(s)	Qty.	HS N Code	Make/ Brand	Basic Rate in ₹.	GST	Unit Price with GST	Total Amount in ₹.
1	Microtips 100-1000uL with references medical grade polypropylene autoclavable, free of lubricants, dyes and heavy metals. Certified DNase, RNase, Human DNA and PCR inhibitor free. Sterile Tips are Pyrogen Free. (500p/Pack)	25						
2	Microtips 20-200uL with references medical grade polypropylene autoclavable, free of lubricants, dyes and heavy metals. Certified DNase, RNase, Human DNA and PCR inhibitor free. Sterile Tips are Pyrogen Free. (1000p/Pack)	25						
3	Filtered Microtips 10uL XL Filter tips protect the sample from aerosols and liquids. A proper barrier to all contaminants, the tips come with reliable liquid blocking technology. Free of detectable DNase, RNase, Human DNA, PCR inhibitor free, Sterile variety free of pyrogen (1000p/Pack)	10						
4	Non-Filtered Microtips 10uL XL Filter tips protect the sample from aerosols and liquids. A proper barrier to all contaminants, the tips come with reliable liquid blocking technology. Free of detectable DNase, RNase, Human DNA, PCR inhibitor free, Sterile variety free of pyrogen (1000p/Pack)	17						
5	Micro Centrifuge Tube 1.5mL. The tubes handle small amounts of liquid and are designed for storage, spinning down, as reaction vessels, or for separating samples. Required superior quality and manufactured without slip agents, PP material confirming to US FDA 21 CFR Autoclavable (500p/Pack)	25						
6	Micro Centrifuge Tube 2.0mL. The tubes handle small amounts of liquid and are designed for storage, spinning down, as reaction vessels, or for separating samples. Required superior quality and manufactured without slip agents, PP material confirming to	15						

Abraham



	US FDA 21 CFR Autoclavable (500p/Pack)						
7	Tissue wipes (Size: 11.1CM X 21.3CM) Delicate Task Wipes Easily wipe up liquid and dust. The anti-static dispensing reduces lint and electrostatic discharge and controls usage. Wipers are specifically designed to gently clean liquid and dust and are great for instrumentation, surface, parts and lens cleaning. It has to be designed to reduce lint and low extractables (280p/Pack)	8					
8	Ethanol for molecular biology with molecular biology grade should be suitable for a broad spectrum of classical lab applications and also for the extraction protocols at the nucleic acids. It should be free from all the impurities at the purest form of 99.9% absolute alcohol. (500mL)	5					
9	0.1 ml Low Profile Tube Strips with Cap suitable for 0.1 ml thermal blocks. Only Ultra Clear variety suitable for REAL TIME PCR Low profile reduces dead space between heated lid and sample. Thin wall design for even heat transfer. Clean room production for consistent results. High quality amplification. Suitable for traditional PCR/ Hot start PCR. Material:PP (125p/Pack)	8					
10	Cryo Box Plastic 81Places Stores vials at the lowest of temperatures. Designed in a way to arrange, orient, identify and access vials with ease. Material: PC Autoclavable (4p/Pack)	1					
11	The SYBR green for qPCR 500Rxn , the reagent should be specifically designed for intercalator-based real time PCR. It should be supplied at a 2X concentration premixed at a concentration appropriate for real time monitoring, making it easy to prepare reaction mixtures. The 2X premixed reagent should also contain RNase H, a heat-resistant RNase H, which minimizes PCR inhibition due to residual mRNA when using cDNA as template. The product, with a modified buffer composition, which should offer a higher reaction specificity. Should be provided with inhibition of non-specific amplifications, which interfere with quantitative determination, accurate assays over a wide range should be possible. The reagent should allow highly reproducible and reliable real time PCR analyses.	8					
12	The RNase-Free Water should be suitable for use with RNA samples. It should not be prepared using hazardous DEPC (diethylpyrocarbonate), and therefore avoids risk of inhibiting RT-PCR which occur with inhibiting residual DEPC. (10X1mL/Pack)	10					

Abraham



13	Rectangular Carboy with Stopcock should be of high performance and autoclavable and should be made from Medical Grade PP confirming to Class VI. Autoclavable. (1p/Pack)	2						
14	50X TAE Buffer should be a concentrated stock solution of Tris-Acetate-EDTA buffer, a solution to be used in molecular biology for agarose gel electrophoresis to separate nucleic acids like DNA and RNA. It should contain Tris base, acetic acid, and EDTA. A 50X stock solution should typically contain 2M Tris, 0.05M EDTA, and 1M acetic acid, and should result in a 1X solution of 40mM Tris, 20mM acetic acid, and 1mM EDTA. (200mL)	5						
15	Taq Genotyping Master mix should be at 2X concentration and should be compatible with various equipment for the detection of targets which includes the copy number variants, SNP's, etc. It should be premixed with the ROX and contain the Hot start Taq DNA polymerase with high specificity. The product should be of ultra-pure grade quality which have the capacity of primer probe detection method. (1mL/Pack)	5						
16	Hot Start Taq Master Mix Kit (250 U) Hot Start Taq DNA Polymerase, should contain PCR Buffer that includes the dNTPs. The reagent should be stringent with PCR specificity and reproducibility assay in which low-copy targets are amplified. The Taq DNA polymerase should have the following requirements, Concentration: 5 units/ μ L; Substrate analogs: dNTP, ddNTP, dUTP, biotin-11-dUTP, DIG-11-dUTP, fluorescent-dNTP/ddNTP; Extension rate: 2–4 kb/min at 72°C; Half-life: 10 min at 97°C ; 60 min at 94°C; Amplification efficiency: ≥ 105 fold 5'–>3' exonuclease activity: Yes; Extra A addition: Yes 3'–>5' exonuclease activity: No; Contaminating nucleases: No; Contaminating RNases: No Contaminating proteases: No; Self-priming activity: No >	5						
17	The miRNA extraction kit should be of high throughput that ensures the isolation of total RNA, including miRNA, from a minimum of 200 μ L of sample. The kit should provide a phenol-free extraction protocol. The kit should include UCP columns that go through a rigorous ultraclean production process to ensure highly pure RNA eluates. (50Rxn/Pack)	2						
18	Sodium Hypochlorite Solution, 4-7% Cl should be a diluted, liquid form of sodium	8						

Abraham



	hypochlorite NaOCl with a concentration of 4% to 7% available chlorine. It should be a pale yellow liquid with a characteristic odour, it should be primarily used for a disinfectant or bleaching agent, and is typically a reagent or industrial grade chemical. (5L/Pack)						
19	Glycogen in a liquid form should be at 20mg/mL stock and should be of highest purity for the utilization in the molecular biology based extractions and assays. It should be free from the Rnases, Dnases and Pyrogenase. (1mL/Pack)	1					
20	TaqMan MicroRNA Assay kit should contain sufficient reagents to perform at least 50 RT reactions and 150 PCR reactions in one kit and it should have the capability to quantitate miRNAs with the specificity and sensitivity of TaqMan Assay chemistry. It should perform two-step protocol with reverse transcription with an miRNA-specific primer supplied in kit, the assay should be followed by real-time PCR with TaqMan probes. The kit should be highly specific which can quantitate only mature miRNAs, not precursors and Sensitive to conserve limited samples, capable to amplify 1–10 nanograms of total RNA or equivalent. The kit should contain Forward primer: 1500 nM; Reverse primer: 700 nM; FAM-MGB probe: 200 nM; RT sequences: 50 nM	1					
21	A mini microcentrifuge should have the capacity of a maximum 6000 rpm with a tube holding rotor for 1.5ml and 2.0mL at 8 places and should be provided with additional spares rotor which can hold the 0.1 and 0.2mL PCR tubes with at least for 32 tubes at once. The noise level of the microcentrifuge should be equal or less than 55dB weighing equal or less than 1.7 kilograms with the working power supply at 100-240V, 50/60Hz with a brand warranty of at least 1year and up to 3 years. (1p/Pack)	2					
22	Centrifuge tube vortexer should be made of metal base and supported with rubber feet with the compact and heavy construction type. It should be provided with analog display at a frequency of 50Hz working. The operation mode should be with touch and continuous at a speed of 3000 rpm with the voltage of 220V. It should be provided along with brand warranty of at least 1 year and up to 3 years. (1p/Pack)	2					

Terms & Condition:

1. Rate should be mentioned in words & figure both.
2. Taxes/GST, if any (Kindly mention in above table)

3. Delivery schedule: within 30days from the date of issue of P.O (i.e. on or before date: - -2026).
4. No any additional documents related to this NIQ will be entertained after opening of NIQ.
5. Price should be FOR Destination basis (i.e. Department of Biochemistry, AIIMS Raipur).
6. LD @ 0.5% of delayed supply per week or part of week for delay of supply of material subject to maximum up to 10% should be deducted. After expiry of delivery period material cannot be accepted without extension of delivery period.
7. Quotation No/Name and due date of opening must be written on top of envelop.
8. **Brand, Make & expiry/life span of packs should be clearly mentioned in offer.**
9. **Tender/quotation specific authorization of OEM/Manufacturer must be submitted with the offer/bid.**
10. GST rates applicable on your quoted item may please be confirmed. **HSN code for each item should be clearly mentioned.**
11. Please confirm if there any change (Upward/Reduction) in the Basic Price structure. And you are also required to pass the Input Credit as per the following Anti Profitering Clause of GST.
“Upon Implementation of GST, any reduction in the rate of tax on supply of goods or service or the benefit of input tax credit shall be passed on to AIIMS Raipur by way of commensurate reduction in the prices”
12. The GST registration details may please be furnished.
13. RTGS details required for payment purpose also attached with invoice/bill.
14. 100% payment against receipt and acceptance of material.
15. No part supply or part payment will be entertained.
16. Validity of offer should not be less than 90 days.
17. Supply, installation and commissioning will be done by firm (if applicable).
18. The quantity in above column is totally tentative. It can be increase or decrease at the time of placement of order.
19. AIIMS, Raipur reserve the right to place the order for full or part quantity to one or more firms.
20. The product should be superior quality and high standard.
21. **Repeat Order Clause:** -If essentially stipulated by indenting authority, which is duly approved by competent authority of AIIMS Raipur. Then purchaser retains the right to place the repeat order for an additional quantity of the equipment with the same rate.



Dr. Jessy Abraham
Principal Investigator
Professor,
Department of Biochemistry
AIIMS, Raipur (CG)

डॉ. जस्सी अब्राहम
Dr. Jessy Abraham
प्राध्यापक/Professor
जैव रसायन विभाग/Dept. of Biochemistry
अखिल भारतीय आयुर्विज्ञान संस्थान, रायपुर (छ.ग.)
All India Institute of Medical Sciences Raipur (CG.)