



अखिल भारतीय आयुर्विज्ञान संस्थान, रायपुर (छत्तीसगढ़)
All India Institute of Medical Sciences, Raipur (Chhattisgarh)
Tatibandh,
Raipur-492 099 (CG)

AIIMS/Micro/CCOST/MRP/2025/01

Date: 09/10/2025

QUOTATION NOTICE

Sub: Inviting Quotation for two bid systems (Technical bid and Financial bid) for the procurement of "Extraction & quantification of miRNA" for an extramural project entitled-**"Small non-coding circulatory microRNA: A tool for optimizing laboratory confirmed sepsis diagnoses"** under Chhattisgarh Council of Science & Technology funded Mini Research Project

Two separate sealed quotation is invited from intending registered Stockist / Distributors having GST Number and relevant documents for Extraction & quantification of miRNA (1st call) for Microbiology Department, AIIMS Raipur. The quotation should be submitted to office of Department of Microbiology, Room No. 1220, AIIMS Medical College, Gate No 5, AIIMS Raipur up to 3:00 pm on 16/10/2025. The quotations will be opened on the same day at 3:30pm.

Detail of items are given as under-

Sr. No.	Name	Requirement	Unit	Make & HSN Code	Unit Rate In Rs	GST in %	Unit Rate with GST	Total Price in RS.
1	100 nmole probe 5'6-FAM/3'BHQ-1	1	No.					
2	Nucleo-Spin miRNA Extraction kit (1x250rxn)	1	Kit					
3	microRNA quantification Assay kit	1	Kit					
4	microRNA- cel-miR-39 Spike-in kit	1	Kit					

*Specification attached.

Terms & Conditions.

1. The interested agencies are required to submit the sealed technical bid and sealed financial bid separately. The bids in Sealed Cover-I must comprise of & "Technical Bid" and in Sealed Cover-II must comprise of "Financial Bid", Both these two Covers must be placed in third sealed cover super-scribed with all the details mentioned.
2. Technical bid must comprise of complete specification of item and other related documents as asked in the NIQ.
3. Samples will be called from the bidders who are technically qualified, if required.
4. Financial bids will be opened of only those bidders who are technically qualified.
5. Rate should be mentioned in words & figures both.

6. **GST rates applicable** on your quoted item may please be confirmed.
7. Delivery Schedule -within 21 days from the date of issue of P.O.
8. Price should be F.O.R. for Destination basis (i.e. Concerned Department).
9. LD @0.5% of delayed supply per week or part week for delay of supply of material subject to maximum up to 10%. After expiry of delivery period material subject cannot be accepted without extension of delivery period.
10. Quotation No/Name and Due date of opening must be written on top of the envelope.
11. The bidder participating in the LPC may have local registered office in Chhattisgarh.
12. Please confirm if there any change (Upward/Reduction) in your **Basic Price** structure. And you are also requested to pass the Input Credit as per the following **Anti Profiteering 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”**
13. The GST registration details may please be furnished.
14. 100% payment against receipt and acceptance of material.
15. Validity of offer should not be less than 90 days.
16. No Part supply or Part Payment will be entertained.
17. RTGS detail required for payment purpose.
18. Brand & Make should be clearly mentioned in offers.
19. AIIMS Raipur reserved the rights to place order for full or part quantity to one or more firm.
20. Supply, Installation and Commissioning will be done by firm (if applicable).
21. The quantity shown in above column are totally tentative, it may be increase and decrease at the time of placement of purchase order.
22. The sample kit/reagent can be sought for quality check.
23. **Product should be of highly standard and superior quality.**


Department of Microbiology
AIIMS Institute of Medical Sciences
Raipur (C.G.)
Dr. Sanjay Singh Negi
Professor & PI
CCOST funded Mini Research Project
AIIMS Raipur (C.G.)

Specifications

1. 100 nmole Probe – 5'6-FAM/3'BHQ-1

- The **Probe** should include a custom oligonucleotide probe with:
 - 5' modification: 6-FAM fluorophore
 - 3' modification: BHQ-1 quencher
 - Purification: HPLC-purified
 - Synthesis scale: 100 nmole
- The **Probe** should provide the probe in lyophilized form, RNase/DNase-free
- The **Probe** should be suitable for long-term storage at -20°C
- The **Probe** should be intended for real-time PCR-based microRNA detection assays
- The **Probe** should support **TaqMan One step qPCR assays** designed for low-abundance miRNA targets.
- The Kit should be stable up to 5 repeated freezing/thawing cycles
- Any quotation having compliance sheet without kit insert will not be entertained, attachment of kit insert is necessary.
- The expiry date of kit should be minimum 1 year from the date of purchase order

2. Nucleo-Spin microRNA Extraction Kit

- The kit should be capable of isolating small RNAs including miRNA from serum/plasma and other biological fluids
- The kit should be compatible with **synthetic spike-in miRNAs** (e.g., cel-miR-39) for normalization and recovery efficiency assessment.
- The kit should be compatible with low-volume inputs ($\leq 200\ \mu\text{L}$ serum/plasma)
- The kit should include all buffers, reagents, and spin columns for complete extraction
- The kit should enable processing within ≤ 30 minutes per sample batch
- The kit should provide $\geq 1\ \mu\text{g}$ total RNA including miRNAs from $200\ \mu\text{L}$ serum

- The kit should allow elution in 20–30 μ L volume
- The kit should contain RNase-free consumables
- The kit should have reagents with room temperature storage for most components, – 20°C for sensitive reagents
- The Kit should be stable up to 5 repeated freezing/thawing cycles
- Any quotation having compliance sheet without kit insert will not be entertained, attachment of kit insert is necessary.
- The expiry date of kit should be minimum 1 year from the date of purchase order

3. microRNA Quantification Assay Kit:

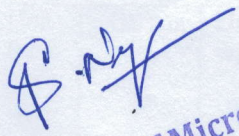
- The kit should be compatible with Qubit Fluorometer.
- The kit should specifically detect miRNA over larger RNA species
- The kit should have a measurement range of 0.25–150 ng miRNA
- The kit should include miRNA Reagent, miRNA Buffer, and miRNA Standards
- The kit should allow ≥ 100 assays per package
- The kit should have storage temperature requirement of 2–8°C
- The Kit should be stable up to 5 repeated freezing/thawing cycles
- Any quotation having compliance sheet without kit insert will not be entertained, attachment of kit insert is necessary.
- The expiry date of kit should be minimum 1 year from the date of purchase order

4. microRNA (cel-miR-39) Spike-in Kit

- The kit should contain synthetic *C. elegans* miR-39 RNA oligonucleotide
- The kit should be optimized for recovery from serum/plasma and compatible with the NucleoSpin miRNA extraction protocol.
- The kit should have purity $\geq 90\%$ (HPLC-purified)
- The kit should be suitable for spike-in control in miRNA extraction and qPCR

workflows

- The kit should be supplied in lyophilized form with resuspension buffer
- The kit should provide final concentration of 1 μ M or as per manufacturer's instructions
- The kit should be RNase-free and endotoxin-free
- The kit should allow long-term storage at -80°C and short-term at -20°C
- The Kit should be stable up to 5 repeated freezing/thawing cycles
- Any quotation having compliance sheet without kit insert will not be entertained, attachment of kit insert is necessary.
- The expiry date of kit should be minimum 1 year from the date of purchase order


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