

GOVT MEDICAL COLLEGE PATIALA**(NIQ FOR Quotations for Purchase for RT-PCR KITS)**Sub: - Quotations for Purchase for **RT-PCR KITS**)

Please quote your minimum rates of below mentioned items for Purchase for RT-PCR KITS of GOVT MEDICAL COLLEGE PATIALA quotation should be reached in receipt section/branch of this office on or before 07/11 /2024 at 5 PM. The quotations will be opened on dated 08/11 /2024 at 11.00 AM in the office of Deputy Controller (F&A), Director Principal Govt Medical College Patiala. In case a holiday is declared on the date of opening of quotations, it will be opened on the next working day at the same time.

S.No.	Description of Kit	No. Of Qty	Price per item without G.S.T	G.S.T Amount	Total Amount Including G.S.T
1	Bacterial Genomic DNA Purification Kit	01 kit/50 reactions	To be quoted by the bidder	To be quoted by the bidder	To be quoted by the bidder
2	Total Nucleic Acid Extraction Kit	01 kit/50 reactions	To be quoted by the bidder	To be quoted by the bidder	To be quoted by the bidder
3	HPV Multiplex Real Time PCR Kit	01 kit/50 reactions	To be quoted by the bidder	To be quoted by the bidder	To be quoted by the bidder
4	Acute Fever Panel Real Time RT-PCR Kit	01 kit/100 reactions	To be quoted by the bidder	To be quoted by the bidder	To be quoted by the bidder

Specifications of Kits are attached tender document.

The Envelope containing the quotations should be sealed and super scribed as under: -**Quotation due on dated 07/11 /2024 against inquiry/NIQ for Purchase for RT-PCR KITS**

The terms and conditions of the supply are: -

- 1) Inquiry/NIQ No. Must invariably be given at the top of the envelopes. Envelopes without indication will not be entertained.**
- Tax will be paid extra, if applicable provided it is made clear in the quotations that VAT/CST/GST/SERVICE TAX @ % will be charged extra, otherwise it will be presumed that VAT/CST/GST/SERVICE TAX are not to be paid extra.
- Unsealed quotations will be rejected.
- The validity of the quotation should be for a minimum period of 120 days.
- The quotation must be addressed to the Director Principal Govt. Medical College Patiala.
- Quotations must be sent by registered post/Speed Post/ Courier/by hand at receipt Branch of Govt. Medical College Patiala within working hours
- The Goods/material should be Supply within 60 days from the date of issue of supply order by this office. For delayed supply, liquidated damages @ 0.5% half monthly will be imposed on the total amount of supply order (Without G.S.T) up to a delay of 30 days and thereafter after which the supply order will be deemed cancelled, and company will be blacklisted for future.
- The Institute reserves the right to reject the supply. If the supply is not found in accordance with the PO
- The Bidder must have GST registration as per the GST Act and rules, also must mention G.S.T number on the quotation.
- Before submitting a quotation by the Bidder, it shall be mandatory to clearly mention the **Active GST number of the firms /company** in the quotation. If not, quotation will not be considered.
- All Participant bidders may attend the opening of quotation on the due date.
- The contract will be awarded to L-1 based on totality in rates.

Dipika
23.10.24

Director-Principal,
Govt. Medical College, Patiala

Senior Assistant

Clerk

SPECIFICATIONS OF RT-PCR KITS FOR VRDL, GMC PATIALA

1. Bacterial Genomic DNA Purification Kit:

- Able to detect the DNA extraction of Gram Negative as well as Gram positive bacteria efficiently.
- Rapid – DNA isolation in less than 20 minutes post-lysis.
- Versatile – Single kit for multiple sample types.
- Specialized buffer system, Optimized for higher yields.
- Safe – No phenol/chloroform.
- High-quality – DNA is suitable for a variety of downstream applications like Real-Time RT PCR, Sequencing etc.

2. Total Nucleic Acid Extraction Kit:

- Extracts total nucleic acid (RNA and DNA) from serum, plasma and other samples.
- Rapid – DNA isolation in less than 20 minutes post-lysis.
- Versatile – Single kit for multiple sample types.
- Specialized buffer system, Optimized for higher yields.
- Safe – No phenol/chloroform.
- High-quality – DNA is suitable for a variety of downstream applications like Real-Time RT PCR, Sequencing etc.

3. HPV Multiplex Real Time PCR Kit:

1. Kit pack size: kit should have 50 Reaction or 100 Rx pack size
2. The RT PCR kit provided must be able to detect:
The genotypes 16, 18 and 45 of HPV in clinical samples efficiently.
3. The kit allows highly sensitive and specific detection of these genotypes in a single tube multiplex reaction.
4. Kit should be based on: hydrolysis fluorescence probe principle.
5. Kit should also be open to work with other available approved extraction kits or systems.
6. The minimum shelf life should be minimum 1 year.
7. The quantity of reagents most specifically Positive Control should be adequate in quantity (100µl each for 100 Rx)
8. The kit must be compatible with Bio-Rad CFX-96 and Applied Biosystems Quant Studio 5
9. The Assay should be **CE(IVD)** approved.
10. Sensitivity & Specificity: Kit should be sensitive enough to detect up to 1000 copies/ml and high specificity.

4. Acute Fever Panel Real Time RT-PCR Kit:

1. Kit pack size: kit should have 50 Reaction or 100 Rx pack size
2. The RT PCR kit provided must be able to detect:

Dengue Virus (DENV)	Leptospira spp. (LEPTO)
Chikunguniya Virus (CHIKV)	Scrub typhus (OT)
Zika Virus (ZIKV)	Plasmodium spp. (PLAS)
Salmonella spp. (SAL)	

3. Kit should be based on: **hydrolysis fluorescence probe** principle.
4. Kit should also be open to work with other available approved extraction kits or systems.
5. Kit should be **multitube multiplex format to minimize the number of tubes for each reaction**.
6. The minimum shelf life should be 1 year.
7. The kit should have endogenous IC.
8. The quantity of reagents most specifically Positive Control should be adequate in quantity (100µl each for 100 Rx)
9. The kit must be compatible with Bio-Rad CFX-96 and Applied Biosystems Quant Studio 5
10. The Assay should be **CE(IVD)** approved.
11. Sensitivity & Specificity: Kit should be sensitive enough to detect up to **1000 copies/ml** and high specificity.