

GOVERNMENT OF WEST BENGAL 108 Chittaranjan Avenue, Kolkata - 700073

Phone: 033 2212 3695/96/97 Fax: 033 2212 3698

Website: stmkolkata.org

Memo No. STM/STORE/Re-QUOTE/237-260/2024-25 <u>QUOTATION NOTICE</u> Date: 19.02.2025

Sealed QUOTATIONS are invited from the Reputed Company/Direct Importers/Authorized distributor firms for supply of items as mentioned below at the Department of Microbiology (Virology Unit), School of Tropical Medicine, Kolkata.

The QUOTATION is to be submitted in the drop box which will be kept at the office chamber of the undersigned on all working days from 20.02.2025

The last date of submission of QUOTATION is **28.02.2025 up to 12.00 pm** and the same will be opened on the same date in presence of interested bidder, if any. The bidders will submit the QUOTATION in their own official pad along with the following essential documents:

Valid Trade License / Enlistment. PAN card of the Bidder /Bidder Company GST Registration certificate IT Return of the last financial year (2024-2025)

The financial quotation Should be quoted as per the following table only:
Item Unit Price GST Total price

Physical verification of samples and or physical demonstration may be done at the discretion of the hospital authority by a team of expert to adjudge the applicability or suitability of the product or products in the functional requirement of the patients since the items are life savings and the technical evaluation will be done accordingly in close observation of the product or products, technical brochures along with Test certificate produced and physical sampling thereof.

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SI	Item name	Make
1	Multi Channel Micropipette (10-100μl)	Eppendorf/Tarson/Thermo Fisher

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Memo No. STM/STORE/QUOTE/261/2024-25 QUOTATION NOTICE

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SI	P. Control of the Con
no	Item name
1	1X PBS(pH-7.4)(500ml)(Thermo Fisher Scientific/HImedia/Sigma Life Science /Merck)
2	Ficol Paque Plus/Histopaque (500ml) (Thermo Fisher Scientific/HImedia/Sigma Life Science /Merck)

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SI	Item name
no	
1	SARS-CoV-2 Real Time PCR Detection Kit including RNA-extraction Kit (100-reaction/pk)

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> MSVP School of Tropical Medicine Kolkata

Please Note: <u>Specification Attached (Annexure-I)</u>.



### ANNEXURE I

### Specifications for RTPCR kit for SARS-CoV 2

- Should be in a kit format,
- Should be CE\_IVD certified with documentary evidence
- Bids must include external quality assurance results for performance evaluation
- Should have internal control in the kit that runs by default with every test internal
  control should not be confused with any other control running outside the sample PCR
  tube
- Should have positive control in the kit and not to be purchased separately
- Kits must be compatible with ABI 7500Fast Dx, CFX96, which documentary
  evidence must be provided from the manufacturer along with programming
  guidebooks / manuals from the manufacturer, without needing any additional software
  to be purchased.
- The kits should have extended stability of at least 12 months from the date of manufacture and documentary evidence from the manufacturer
- Should be validated from serum samples by the manufacturer
- Should detect ORF1ab,
- Must have a lower limit of detection not exceeding 20 RNA copies per reaction
- Should use common channels FAM, ROX, Cy5, HEX, JOE or VIC for detection and not specific machine dependent channels for highest sensitivity

DR. MANJULA DUTTA
Associate Professor
Unit-in-Charge, Virology
School of Tropical Medicine
Kolkata-700073

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Total price Physical verification of samples and or physical demonstration may be done at the discretion of the hospital authority by a team of expert to adjudge the applicability or suitability of the product or products in the functional requirement of the patients since the items are life savings and the technical evaluation will be done accordingly in close observation of the product or products, technical brochures along with Test certificate produced and physical

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SI	Item name	0 10	
no		Specification	Manufacturer
1	Hydrogen Peroxide,30% (Certified ACS)	100 MI pack, Molecular weight 34.014	
2	Screw Cap Tube	10-1	Thermo /Abcam/Mybiosource
		10ml per pcs, Culture Media, Round	Borosil/Abcam/Abdos
		Bottom with PP Screw Cap and Liner,	Abdos .
3	Reagent Bottles, 01 lit per pcs	approx. OD*Length=16*125mm	
		Heavy walled 3.3 borosilicate glass, GL 45	Borosil/Abcam/Abdos
4	02 ml Centrifuge Tube (500pcs/Case)	Spinwin capacity 02 ml, transparent	
5	1.5 ml Centrifuge Tube (500pcs/Case)		SRL/Tarson/Sartorius
6		Spinwin capacity 1.5 ml ,transparent	SRL/Tarson/Sartorius
	Panbio Dengue IgG Capture ELISA	Sensitivity secondary dengue 80.9%,	
_	(96 well plate/Kit)	Specificity Primary Dengue 87.1	Abbott/Thermo Fisher/ Sigma
7	Panbio Dengue IgM Capture ELISA	(96 well plate/Kit) Assay time-2 hr 10min	
8	Reagent Bottles (500ml), 04 pcs	Heavy walled 2.3 have ""	Abbott/Thermo Fisher/ Sigma
9	Vacuum Desiccator, 01 pc	Heavy walled 3.3 borosilicate glass, GL 45	Borosil/Abcam/abdos
	besiceator, of pc	Plate diameter:250mm, Inside	Abdos/Tarson/Borosil
0	Ballari Ella della	diameter:240mm, Overall Height:330mm	/ ISGOS/ Tarson/Borosil
0	Malaria ELISA Kit (96 well/kit)	For antibody detection	COLO
		actection	SRL Diapro /Trinity Bjotech/
			Novalisa

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Item	in Should be quoted as p	per the following tab	ole only :-
item	Unit Price	GST	Total price
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no	Item name Catego		Quantity	Manufacturer
1	Optical 96-well reaction Plate with Barcode,			
	polypropylene, DNase RNase free, well volume:0.2ml, compatible with ABI 7500 Fast real time PCR machine	Plasticware	20 plates/pk	Applied Biosystems/Qiagen/
2	96 well UV Transparent Plates, flat bottom, copolymer, well volume: ≥ 300µl, without lid, suitable for protein/DNA/RNA concentrations: LIV/VIS applicables	Plasticware	50 plates/pk	Thermofisher Scientifi Corning/Thermofishe Scientific/Sigma
	Certified for low background and consistent performance at 260 and 280nm, DNAse RNAse free			Aldrich/Merck

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# No.

## CALCUTTA SCHOOL OF TROPICAL MEDICINE

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Item	Should be quoted as per th	the wing table only	•=
10011	Unit Price	GST	Total price

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SI	Item name	Specification/Category	
no		Specification/Category	Manufacturer
1	Has-miR-22-3p miRCURY LNA miRNA PCR Assay (200 reaction)	GeneGlove-Id: YP00204606, Kit	Qiagen/Thermofisher
2	Has-miR-181a-5p miRCURY LNA miRNA PCR	GanaClass II Vinas	Scientific/ Applied Biosystems
	Assay (200 reaction)	GeneGlove-Id: YP00206081, Kit	Qiagen/Thermofisher
3	Has-miR-21-5p miRCURY LNA miRNA PCR Assay	GeneGlove-Id: YP00204230, Kit	Scientific/ Applied Biosystems
4	(200 reaction)		Qiagen/Thermofisher Scientific/ Applied Biosystems
	Has-miR-106b-5p miRCURY LNA miRNA PCR Assay (200 reaction)	GeneGlove-Id: YP00205884, Kit	Qiagen/Thermofisher
5	Has-miR-24-3p miRCURY LNA miRNA PCR Assay	GeneGlove-Id: YP00204260, Kit	Scientific/ Applied Biosystems
	(200 reaction)	(200 reaction)	Qiagen/Thermofisher
6	Optical Adhesive Covers, PCR Compatible,	Plasticware	Scientific/ Applied Biosystems
	DNA/RNase/PCR Inhibitors Free	· idaticwale	Qiagen/Thermofisher Scientific/ Applied Biosystems

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Memo No. STM/STORE/Re-QUOTE/219-233-254-266/2024-25 <u>QUOTATION NOTICE</u> Date:19.02.2025

Sealed QUOTATIONS are invited from the Reputed Company/Direct Importers/Authorized distributor firms for supply of items as mentioned below at the Department of Laboratory Medicine, **School of Tropical Medicine**, **Kolkata**.

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SI no	Item name	
1	03 New LAN Connection Point	

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Memo No. STM/STORE/Re-QUOTE/247-267/2024-25 Re-QUOTATION NOTICE

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The interior quotation on out to quoted as per the following table only				
Item	Unit Price	GST	Total price	

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no		Specification	Manufacturer
1	Sodium Chloride ACS 99% (1kg)	Crystalline, white powder	SDI /Si /mi
2	High Selects depletion spin Column		SRL/Sigma/Thermo
	1kit (06 column)	Top-14 abundant protein, resin provided in mint and medi column	Thermo/Abcam/Mybiosource
3	Glycine for molecular biology (500gm).	White flakes,Clear	CDL /cl
		Takes, creat	SRL/Sigma/Thermo
4	4 HCI (500ml) 0.01M		
			SRL/Sigma/Thermo
5	Agarose-bound-m-aminophenyl	Agarose-bound-m-aminonhenyl Agarose hound	
	boronic acid (05ml)	Agarose bound,aq suspension (in 10ml)	Sigma/Mybiosource/abcam
6	Magnesium Chloride anhydrous	Extrapure 98%	
	extrapure,98% (100gm)	Extrapure 98%	SRL/Sigma/Thermo
7	Manganese (II) Chloride Tetranyarou	Fadar Const	
	extrapure,98% (500gm)	Extrapure 97%	SRL/Sigma/Thermo
8	Ammonium Sulphate, Molecular	For molecular history 0 W	
	Biology Grade (500gm)	For molecular biology, Quality Level 200, Assay>99%	Merck/Abcam/Mybiosource

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Item name
Autoclave for waste disposal (150L-160L)
Specifications enclosed

Medical Superintendent cum Vice Principal, School of Tropical Medicine, Kolkata

## **AUTOCLAVE (150-160 L)**

### Top loading

### Specifications:

Capacity : 150-160L

Model : Fully Automatic

Chamber type : Top loading
 Timer : 0-10hr

• Ilmer : 0-10hr • Pressure : 2.0 Kg/ cm² at 120

• Pressure : 2.0 Kg/ cm² at 130 º C

Pressure gauge : 0-4 Kg/ cm²
 Temperature accuracy : ± 0.5 ° C

Sterilization Temperature : Ambient 10 º C -130 º C

Sterilization time range : 0-9h

Material of chamber : SS 304 grade/316Ti grade with corrosion resistance

Pressure resistance : Chamber pressure should resist 60 psi for safety

Material exterior : Epoxy resin powder coated steel

• Display : LED/LCD to indicate working status of temp. & pressure

Alarms : Automatic shutdown with beep reminding after
 sterilization and recycle of operation is completed.

Lid closing/opening : Pedal free system for lid closing

• Safety valves : Safety valve for 20 psi with an extra safety valve for 25 psi

• Safety features : Over temperature, Low level water limit, over current, auto

-release against over pressure

Baskets : 2 nos. Of baskets (Mesh/Perforated)

Operating Voltage : 230 ±10VAC, 50 Hz.

### Other Important Requirements

- A control lockout to prevent a cycle start when the door is not closed and locked
- Steam pressure lock to prevent operator from opening if pressure exists in the chamber.
- After reaching normal temperature, door should be opened by a single switch mode, preferably
- Water auto fill for steam generation
- Internal memory for documentation of ~500 sterilization cycles
- Three Years comprehensive warranty with 2 years free AMC
- Local Service Support should be within 24 hours
- Additional features/accessories if any that can potentially increase the productivity and safety of the instrument should be quoted as optional items.

DR. MANJULA DUTTA
Associate Professor
Unit-in-Charge, Virology
School of Tropical Medicine
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