

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF MICROBIOLOGY

Rate Enquiry No. 64 /Micro/2015-2016

Dated 01-02-2016


Quotations are invited for the supply of items mentioned below which are required for Microbiology Department, AIIMS.


1. -20 Deep Freezer – 2 Nos.
2. Air Condition – 3 Nos.
3. Fluid Resistant anti static reusable - 10 Nos.
Lab. Coats (4 small, 6 medium)
4. Air Sampler
5. LED Fluorescent Microscope
6. Hybridization Oven

The quotations should be submitted to Prof. & Head, Department of Microbiology Deptt., Room No.2057 /2060 IInd Floor, Teaching Block, AIIMS, New Delhi by 13-02-2016 upto 5.00 PM. The quotations will be opened on 15-02-2016 at 3.00 PM Room No.2093. All quotations should be typewriter or in ink. All over writing and crased entries will be deleted from the quotations. The quotation should be duly sealed in an envelope marked R.E.No. 64 /Micro/2015-2016.

Terms & Conditions:

1. The quotation for each item should be submitted in a separate envelope with the "name of the item" clearly written on top of the envelope.
2. The Rate Enquiry must quote for Five years Comprehensive warranty..
3. Price reasonable certificate.
4. An undertaking that the firm has been blacklisted in the past by any Institution, Government/Private.
5. The names & contact numbers of AIIMS/Govt. departments where the supplier/dealer has supplied the equipment (user list).
6. Information for electronic payment viz RTGS/NEFT – Name of the beneficiary, Account number of the beneficiary, IFSC code of the bank/branch.
7. If applicable,, VAT/sales tax or any other kind of tax must be mentioned separately against each item.
8. The firm must be able to install the equipment on the site, free of cost.
9. The firm must supply the items within the date mentioned on the supply order copy.


Dr. Gita Satpathy
Prof. & Head
Department of Microbiology


Dr. Arti Kapil
Professor of Microbiology
Officer Incharge Store

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF MICROBIOLOGY

Dated 01-02-2016

To

The Prof. Incharge
Computer Facility
AIIMS

Subject: Request to upload the short Rate Enquiry.

Rate Enquiry No.64/Micro/2015-2016

Sir,

Please upload the attached file as early as possible in AIIMS website for inviting quotations against the Short Rate Enquiry. The required details are given below.

R.E. No.64/Micro/2015-2016

Date of submission : 13-02-2016

Date of quotation opening : 15-02-2016



Dr. Gita Satpathy
Prof. & Head
Department of Microbiology



Dr. Arti Kapil
Professor of Microbiology
Officer Incharge Store

Encl: Copy to Rate Enquiry and Technical Specifications.

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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NEW DELHI - 29

AIR CONDITIONER

1. The basic unit shall comprise of 1.5 tonnage split air conditioner
2. The external dimension of indoor unit should be 300-330 mm (H) x 900-950 mm (W) x 238 mm (D).
3. The external dimension of the outdoor unit should be 650 to 700 mm (H) x 800-850 mm (W) x 200-250 mm (D).
4. It should have a cooling capacity of 18000 to 19000 BTU/hr and 5000 to 5500 watts.
5. The unit shall have capacity to remove moisture at 1.5 to 2.0 lt/hr rate.
6. The air flow from the equipment should be between 1000 to 1100 m³/hr and 500 to 600 cfm.
7. The noise level of the indoor unit shall not exceed 40 dB.
8. The system shall provide a operating temperature range from 21 to 50 degrees.
9. The unit shall have a rotary compressor and R410A refrigerant.
10. Five years comprehensive warranty.

Certified that the specifications are broad based, general in respect to the requirement and does not suit to any particular firm/ Brand

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FLUID RESISTANT ANTI STATIC REUSABLE LABORATORY COATS

The laboratory coats should be resistant to fluids and harmful chemicals and should be able to shield the user from static charges. The laboratory Coat should be washable and reusable.

1. The coat should be full length with high collar, with two or three double stitched pockets.
2. It should have 1 breast pocket and 2 lower pockets on either side, bar track reinforced at top corners.
3. The coat must have side vents for access to pants and hang loops.
4. It should have long elasticated, comfortable cuffs that should be strain resistant, low spill, spun woven polyester. The cuffs should be over gloved to provide protection to forearm.
5. The sleeves should be tapered to prevent catching on things when reaching.
6. The coat must have heavy duty snap closures.
7. The coat should provide particle barrier against dust and dirt.
8. The coat should have stitched seams with front stud fastening.
9. The coat should compliance to EN14126:2003 barrier against infective agent.
10. It should comply with EN 1073-2: protection against radioactive contamination.
11. Five years comprehensive warranty.

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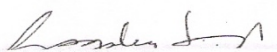
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Air sampler

1. The sampler should have an air intake minimum of 100 L/Min and impact of < 20 m/sec, should capture particles from 3 to 10 microns.
2. 90 mm plate compatible, stainless steel, autoclavable, minimum of 250 holes with each of 0.7 mm diameter.
3. Weight of not more than 2 kg.
4. Sampler should have software with different sampling parameter, audible and visual alarm at end of cycle, and programmable startup (1-60 minutes).
5. Sample data management facility required.
6. Noise level not more than 50 dBA at 1 meter distance.
7. After charging battery should last for minimum of 4 hours and the users will be alerted with alarms at the end of battery autonomy.
8. Microprocessor controlled electric fan.
9. The system should be provided with charger and tripod stand.
10. The sample body should be resistant to disinfectants, with smooth surface and no dead angles.
11. Equipments with an anodized aluminium sampling head with minimum of 3 nos and it should be autoclavable.
12. The system should have an infra red (IR) control and interface for PC connection.
13. The sampler should be ISO and CE/US-FDA certified.
14. Sampler should come with proper carrier bag.
15. Comprehensive warranty for 5 years

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Prepared by



Approved by



TECHNICAL SPECIFICATION: LED FLUORESCENT MICROSCOPE

1. The basic instrument should have a trinocular head.
2. It should have wide field eyepieces of at least 10x/20 mm.
3. It should have diopter adjustment on both eyepieces.
4. It should have reversed quintuple revolving / quadruple nose piece on multiple ball- bearings.
5. It should have high quality Achromatic Objective lenses of 4x, 10x, 40x, 100x oil immersion infinity corrected objectives.
6. The system should have coaxial coarse and fine focusing with cross roller guide.
7. The basic instrument should have fluorescence objective FL 10x and 40 x both
8. All optical parts should be anti-fungus treated.
9. It should have double slide Holder.
10. It should have at least 140x 135 mm mechanical stage preferably ceramic quoted, rectangular with a minimum of two slide holder capacity provided with marking scale on it.
11. It should have height adjustable universal condenser with iris diaphragm and filter holder.

Handwritten signature

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12. It should have at least diascopic LED illumination with adjustable intensity with internal power supply of at least 80- 250 V (CE) / Reflected fluorescence Unit power unit 110 V / 220 V.
13. The system should have high illumination white light LED illumination with 40,000 to 50,000 hours lamp eco-uniform illumination
14. It should have at least Reflected 450 nm LED epi- illumination attachment with a single cube with filters for Auramine-O, Auramine-Rhodamine, Acridine Orange fluorochrome.
15. System should have capability to upgrade in Phase contrast, Dark-field, Polarizing technique, teaching heads, Drawing tube as required.
16. It should be delivered with power cord and dust cover.
17. Voltage regulator of appropriate rating to be included to cope with 160- 260 V.
18. The apparatus should confirm to IS:4381-1967 (reaffirmed 2007) with latest amendments or equivalent national or international standards for general requirements for optical components and optical instruments, marking and packing.
19. The system should have ISO/CE under laboratory (UL), FDA certification.
20. The complete unit shall be provided with 5 years comprehensive warranty including hardware, software and spares.

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HYBRIDIZATION OVEN

1. Should have temperature range: 35° to 85°C
2. Should have temperature uniformity $\pm 0.25^{\circ}\text{C}$ within bottle
3. Should be stackable
4. Should be capable of operating either rotisserie or shaking platform (size range LxW 24-25 x 18-20) for additional functionality
5. Rotisserie speed range should be 5 to 15 rpm
6. Should be able to set up compact triple-oven tower for three distinct functions at different temperatures
7. Should have digital LED display and controls
8. Should have capacity for 10 medium bottles
9. Should have accurate temperature control.
10. Should have temperature uniformity for low backgrounds
11. Should have multiple rotisserie fittings for flexible choice of consumable
12. Should have Interchangeable rotisserie/shaking platform (max. load of 1kg/2.2 lb.) for hybridization and washing procedures
13. Should have variable speed settings for protocol optimization
14. Should have up/down shaking motion
15. Should be quoted with Shaker platform, 10-bottle capacity rotisserie, adjustable feet, drip tray
16. Electrical requirement: 220V, 250w
17. The system should have CE certification.
18. The system should be provided with 5 years comprehensive warranty.

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Prepared By

Dr. K. Venkatesh Chaitanya

Checked By

Dr. Urishi B. Singh

REVISED TECHNICAL SPECIFICATION FOR RETENDER

- 20 DEGREE FREEZER

1. The basic unit shall be an upright ultra low temperature deep freezer with single/ double door.
2. It should provide an operating temperature of -18°C to -25°C.
3. Freezer must have capacity of 300 to 400 liters.
4. The equipment shall have fully programmable microprocessor controlled with membrane keypad and eye level control panel.
5. The system shall have a minimum of 5 adjustable shelves with pull out drawers.
6. The basic unit shall have Inner body rust free material.
7. The unit shall have maximum rated load of 140 watts with noiseless low power consumption.
8. The unit shall have heavy duty lockable castors and lockable outer doors and lids.
9. The unit shall comprise of audible and visible alarms for temperature, power failure, system failure, battery low etc.
10. The complete unit shall be able to perform on 220-250 V and 50 Hz power.
11. Freezer must use CFC-FREE, HCFC-FREE non flammable refrigerants, and refrigeration system must be energy efficient and hermetically sealed refrigeration system.
12. Freezer must have ISO / UL certification.
13. The system shall have proper insulation system to avoid cold loss with fast freeze options.
14. The unit shall be complaint to international safety standards.
15. The Unit shall be supplied with 5 Kva Voltage stabilizer with high – low cut out timer having five years warranty from date of installation.

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