

SHORT TERM-TENDER NOTICE

Sealed tenders subscribed as:

1. RE-TENDER FOR Machinery & Equipments for the Multi Disciplinary Research Unit, Dr.RPGMC, HOSPITAL, KANGRA AT TANDA.

Tenders are invited by the Principal, Dr. R. P. Govt. Medical College, Tanda Distt. Kangra H. P. from the original manufacturers or their distributors so as to reach the Principal office Kangra at Tanda on or before 21 days from the date of publication upto 1 PM. Thereafter no tender will be entertained. The tenders will be opened on the same day at 3.00 PM in the presence of tenderers or their representatives. If that day happens to be a holiday the tenders will be opened on the next working day at the same time.

Firms should be registered with DGS & D Delhi, the Controller of Store H.P. Shimla or as company under company act/Taxation Department. Tenderers should attach photocopies of the Registration letter with the tenders. The tender not quoted according to the laid down standard specification and conditions will be rejected straightway. The tender must be accompanied by earnest money of Rs.50,000/- (Rs. Fifty Thousand only) duly pledged in the name of the *PRINCIPAL, DR R P GOVT MEDICAL COLLEGE, KANGRA AT TANDA (H.P.)* in the shape of fixed deposit receipt or bank draft. The tender without Earnest money or short of it or not in the form specified above will be rejected straightway. The earnest money of the approved tenderers will be returned after completion of supply as ordered. The Principal, Dr. R. P. Govt. Medical College, Kangra at Tanda reserves the right to reject any or all the offers without assigning any reason. The list of items to be purchased can be had along with terms and conditions of the supply from the office of Principal on any working day between 10.30 AM to 4.00 PM personally one day prior to final date of opening of tender on cash payment of Rs. 1000/- or Rs. 1100/- each by registered post (only M.O/TMO will be entertained) sufficiently in advance to avoid the risk of late dispatch of the tender forms. Delay in submission of tender form due to late receipt of MO/TMO will be the entire responsibility of the tenderers.

- ❖ Any dispute arising thereafer will be subject to the jurisdiction of District courts Dharamshala.

Note:-

- Tender specification and price bid should be quoted separately in sealed envelopes.
- Unsealed tenders/price bids will be rejected straight away
- The tendered items should be F.O.R. Dr. R.P. Govt. Medical College, Kangra at Tanda.
- Conditional tenders will not be accepted at any cost.

Additional Director (Admn.)
Dr. R.P. Govt. Medical College
Kangra at Tanda (H.P.)

TERMS & CONDITIONS

- 1 The tenderer should be original manufacturer or their authorized agent/distributor
- 2 If the tenderer would like to quote for more than one model for the same specifications, say for example for two models, two separate tenders with separate EMD's shall have to be submitted
- 3 All tenders/quotations will be deemed to be for F O R destination at Dr R P Govt Medical College Kangra at Tanda (including packing forwarding and insurance charges) and not be ex-work, ex - godown, ex-miles etc
- 4 The rates should be quoted in Indian Rupees only (INR)
- 5 The tenders must be submitted in two parts (i) Technical Bid (ii) Financial Bid separately and should be page Numbered with proper index. All documents required as per terms and conditions of the tenders should be enclosed with technical bid only
- 6 The tenderer must also additionally submit the summary of the compliance reports with technical bid as per the proformas given below without which the tender will be liable to be rejected straightway

Proforma 1

Sr No	Name of the firm	Dealer Latest Authorization certificate	Copy of Registration and GST/VAT	EMD	Three years warranty	ISO/IRIS/CE Certification	Undertaking of not being Blacklisted	Remark
					Manufacturer Bidder			

Proforma-2

Sr.No.	Name of Item	Technical Specifications asked as per tender	Compliance as per offer Yes/No	Remarks
7				

- 7 The maximum delivery period from the date of placing the supply order shall be 3 months. For delayed supply penalty @10% p.a of the amount involved shall be imposed & calculated on daily basis for a maximum period of 3 months. Thereafter, the supply order shall stand cancelled and the security deposit shall be forfeited besides debarring the supplier for participation in tendering process in future

- 8 All quotations/tenders should be deemed valid for at least one year from the date of opening price bid & not from the date of opening of the tender

Signature of Tenderer

9. The tenderer should enclose latest Original Authorization Certificate from the original manufacturer or its Indian firm duly attested by the tenderer with the technical bid failing which the tender will liable to be rejected straightway.
10. The tenderer should be registered with Controller of Store or D.G.S. & D. or as company under company act/Taxation Department for this purpose copy of the CST/VAT number be attached.
11. Conditional & telegraphic tenders shall not be accepted at any cost.
12. The rates shall be finalized after exhibiting/demonstration of the material, if required by the Technical Scrutiny Committee/ Purchase Committee.
13. Earnest money deposited in connection with reference to any other case even if for same/similar material stores by the tenders will not be considered against this tender.
14. If the price of the contracted articles is/are controlled by the Govt. the payment will in no case be allowed at higher rate than the Controlled rate.
15. The quantity can be increased or decreased or all together abandoned as per the changed requirement of the department.
16. Undersigned reserves the right to reject any or all the tenders without assigning any reason.
17. The successful tenderer shall have to furnish adequate security by way of " Bank Guarantee " equal to the 10 % of the cost of material/machinery/equipment which shall be retained by this office for one year from the date of installation.
18. The suppliers shall have to ensure after sale services. An Affidavit to the effect that the company/firm/distributor is not black listed by any State or Central Govt. should be attached with the tender.
19. All quoted items should have warrant /guarantee for a period of 3 years with spares from the date of installation followed by Comprehensive Maintenance Contract for a period of 5 years after guarantee period. Charges for CMC including all spares and accessories for the quoted items should be mentioned on %age basis and attached separately. While deciding the tender CMC charges shall also be taken into account. In case the tenderer is sole dealer he is required to give affidavit regarding warranty/guarantee for three years.
20. The firm will have to guarantee an uptime of 95 % during warranty period and also during comprehensive maintenance contract period. The unit should remain functional for 95 % of working days in a calendar year of 365 days(excluding Sunday/ Govt. holidays). The penalty for down time exceeding the 5 % period will be paid by the suppliers, as decided by the purchase committee of this institution. In case the machine is found not working per day basis.

Signature of Tenderer

- 21 Disputes, if any, shall be subject to the sole arbitration of Secretary (Health) to the Govt. of Himachal Pradesh whose decision shall be binding on the parties.
- 22 **Payment schedule:** 90 % payment will be released after receipt of the certificate from the concerned department that the equipment has been installed by the firm in fully functional condition according to their specifications and balance 10 % will be released after 2 months observation period from the date of installation.
- 23 **Training:** The tenderer is required to organize training if required for using the equipment/instruments and detail for such training at his own cost.
- 24 **Contract:** The successful bidders will be required to enter into an agreement with the college on a non judicial paper of Rs. 15/- for the supply and satisfactory installation & running of the equipment as per specification and terms and conditions listed in this tender document and agreed upon.
- 25 Optional items shall not be taken into account for finalization of the total cost.
- 26 All literature, list of installation of the equipment, name and address of the engineers should be attached with the technical bid.
- 27 All mandatory Govt. levies and taxes should be shown separately. In case not shown separately, the same shall be treated included in the cost of the equipment.
- 28 Catalogue/Brochure be attached preferably in original. Photocopies, if supplied must be self attested.
- 29 The tenders not strictly in accordance with the above conditions are liable to be rejected without consideration.
- 30 The machinery and equipments goods should be ISO/CE certified. Latest standardization certificate be attached in r/d of each machinery/equipment.
- 31 Stores should be supplied within the stipulated delivery period otherwise the order will be treated as cancelled and EMD forfeited. In such a case the second quotee may be given the chance for supply of goods.
- 32 The tenderer shall dispatch material. Freight Paid in all cases otherwise delivery will not be accepted.
- 33 Specific authorization issued by the manufacturer/company in favour of respective dealers/distributors should be accompanied with the tender document.

Note: Tenderer must go through these terms and conditions very carefully and put his signature in token of acceptance of these terms and conditions.

Signature of Tenderer

Additional Director (Admin.)
D.C.P. (Genl. Medical) Office,
Kangra, Jammu & P.

SPECIFICATIONS FOR GAS CHROMATOGRAPH TANDEM MASS SPECTROMETER SYSTEM (GC-MS/MS)

GAS CHROMATOGRAPH

Column Oven

1. Provision to install two capillary columns.
2. Operating temperature range 50 deg C to 450 deg C or better.
3. Temperature set point resolution - 1 deg C.
4. Supports at least 20 oven ramps or more. Cooling ramps/steps must be possible.
5. Maximum achievable temperature ramp rate: 120 deg C/min.
6. Oven cool down time 450 deg to 50 deg C should be 4 minutes or less.

Inlet: 2 nos.

Split/split less capillary inlet (S/SI) - 1 no.

1. Suitable for all capillary columns.
2. Split less mode for trace analysis. Split ratio up to 9000 or better.
3. Maximum Temperature: 400 deg C or better.

PTV: 1 no.

(Programmable Temperature Vaporizer)

1. Temperature Programme of 5 ramps/steps or more.
2. Split ratio up to 9000 or better.
3. Temperature range upto 450 deg. C.
4. Suitable for all capillary columns.

Flame Ionization Detector (FID)

Detection Limits - 1.5 pg C/s or less, Electronic Flow Control (EFC), Dynamic Range - 10^7 or better, Temp. Range: Up to 450°C or more.

MAS SPECTROMETER (MSMS System).

1. Mass range: Up to 1050 amu or better in 0.1 amu steps.
2. Turbomolecular pump: Air cooled turbomolecular pump with capacity across the quadrupole should be 250 L/sec or more.
3. Mass Resolution : 0.5 to 3.0 amu/Da or better.
4. Analyzer : Triple Quadrupole Mass Filter.
5. Scan speed: 12,000 amu/sec or better.
6. Collision energy: Up to 60 eV or better.
7. Collision cell gas pressure must be electronically/software controllable.
8. MRM Speed: 800 Transitions/sec or better.
9. Minimum MRM dwell time of 0.5 milli second.
10. Ion source temp: up to 300 deg C or better.
11. Transfer Line Temperature: up to 300 deg. C or better.
12. E.I. scans sensitivity: 1000:1 S/N for 1 pg OFN or better.
13. MRM Sensitivity: 8000:1 for 100 fg/ μ l of OFN or better.
14. Full Scan MS in Q1/Q3, Selected Ion Monitoring (SIM) in Q1/Q3, Multiple Reaction Monitoring (MRM) for the most demanding quantitative assays, Product Ion Scan, Precursor Ion Scan, Neutral Loss Scan.

Chromatographic Data Software:

Single point control of GC-MS system and its modules, customizable reports, GIP features should also have software for data acquisition, control, chromatographic data evaluation, reporting sequencing. Licensed Software should be supplied with the system. Software should have provision for calculation of Retention Indices by using n-alkane standard and database must have RI base identification. Software should have facility for Automatic Adjustment of Retention Time or Retention Time Locking.

Liquid Auto Sampler with at least 150 vials of 2 ml capacity. Operated through software

Library: NIST 2014, Metabolite Database of at least 500 Clinical/Biological compounds like Organic Acids, Amino Acids, Fatty Acids etc. Metabolite database must have at least 500 MRM transitions of Organic Acids, Amino Acids, Fatty Acids or better

Spares/Consumables:

All essential spares & consumables for two years smooth operation must be quoted which includes sufficient quantities of

1. Septas- 200 nos.
2. Liners (Split/split less) - 4 each
3. Compatible Ferrules for MS - 10 Nos.
4. Compatible Auto sampler Syringes - 5 nos.
5. Filaments - 5 nos.
6. O Rings - 5 Sets.
7. Columns Nut - 10 nos.
8. Syringes 5 μ l & 10 μ l for manual injection - 10 nos. (5 each)
9. Auto sampler vials with Septa (screw cap) 2 ml- 500 nos.
10. Complete GCMS toolkit
11. Vacuum Pump Oil - 1 liter.

Accessories:-

1. Helium, Argon, H₂, N₂, Zero Air Gas Cylinder with double stage 55 gas regulator - 2 Nos. each
2. Gas purification system for Helium, H₂, N₂, Zero Air gas
3. 10 KVA Online UPS with at least 60 minutes back up
4. Branded Dell/HP core i5 Processor, 4 GB RAM, 1TB HDD, 21" LCD/LED, Colour Laser Printer
5. Columns: Dimensions 30 meter x 0.25 mm x 0.25 μ m
DB-5MS, DB-Wax, DB-1MS or equivalent, Quantity: 2 Nos. Each

Warranty:

System must be quoted with at least Five Years warranty. Five years AMC and CMC after the expiry of warranty period to be quoted separately. Onsite training for the usage and routine maintenance for atleast one to two week to be provided by supplier/manufacturer.

Optional:

Direct Injection Probe for solid and Liquid samples: 1 No.

liquids and solids directly with Mass Spectrometer through Direct Insertion Probe bypassing the GC & without disturbing GC-MS interface or separating GC from MS or without any hardware changes.

Headspace Sampler:

- Should have a closed sampling design without exposure to atmosphere/ambient temperature/contamination & must be controllable through software. Temperature range for Transfer line/Sample up to 300°C or better
- System should have sample capacity of at least 80 or more vials.
- Overlapping Thermostat for 12 vials
- Head space sampler should have built in shaking provision for various kind of samples.
- The heater must be able to accept 9, 12, and 22 ml vials and be able to run them interchangeably in the same schedule.
- System should have built in Programmable Pneumatic controller (PPC) or Gas flow controlled via software only. System should be supplied with 200-300 vials, septa, crimper, decapper etc

Asst. Professor
Dept. of Biochemistry
Dr. P.P. Gupta Road, Jhansi
U.P. India (201001)

SPECIFICATION FOR MICROSCOPE WITH DIGITAL CAMERA SYSTEM

OPTICAL SYSTEM	Universal Infinity System
FRAME	Ergonomic Frame with LED display for light intensity control.
OBSERVATION TUBE	Wide field Trinocular tube (F.N.22mm) inclined at 30 deg with three position Light Path Selector (100:0, 80:20, 0:100)
ILLUMINATION	Built in Koehler illumination 12V100W for Transmitted light
STAGE	Ceramic coated rectangular Mechanical Stage with sufficient Travel area. The stage should have the capacity to hold two slides.
CONDENSER	Swing Out condenser
MOTORISED NOSEPIECE	Reversed Motorised Sextuple (6 position) Nosepiece with a slot for Polariser / DIC.
OBJECTIVE	Plan Achromat objective 2X/0.05, 4X/0.10, Plan Fluorite objective 10X/0.30, 20X/0.50, 40X/0.75, 100X/1.30(with iris) (Anti Fungus)
EYEPIECE	Widfield paired eyepiece 10X (F.N.22 mm)
Polariser and Analyser	Polariser and Analyser
Spares	Two nos. 12 volts 100 watt halogen bulb
Dust Cover	Dust Cover
TEACHING HEAD	Teaching Head for two persons (FN 22mm) for simultaneous side-by-side viewing including LED Pointer having with Red and Green colors. Pointer movement should be Joystick control
DIGITAL CAMERA WITH HIGH RESOLUTION LIVE DISPLAY	Digital camera with 2 mega pixel live display on to the PC or to the monitor at 15 frames per second. The camera should also be controlled with the control unit and should also have a storage device of 512 MB compact flash card along with 21 inch colour TFT monitor
Image analysis Software	For controlling camera and performing all types of measurements and image analysis

AMC : 5 years after warranty; Warranty 2-year.

Computer
 Branded, Pentium IV, 80GB hard disk, 512 MB RAM, DVD writer, with keyboard,
 optical mouse
 Software - Windows XP Professional
 Color Laser Printer

Compatible branded UPS
 Table for the microscope and computer along with chairs

Compatible

Warranty
 S. Keshava

[Handwritten Signature]

प्रमुख अधिकारी
 Prof. Arvind Rajwansi
 M.D., M.I.A.C., FRC Path (UK)
 Professor & Head
 Department of Cytology
 & Gynaec. Pathology
 PGIMER, Chandigarh