



OFFICE OF THE DIRECTOR
REGIONAL FORENSIC SCIENCE LABORATORY
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Ref. No.: RFSL/145/2016/528

Dated: 08.12.2016

NOTICE INVITING TENDER

Sealed tenders are invited from reputed Manufacturers/Authorized Dealers/Authorized Distributors and Registered Suppliers for supply of HPLC equipment for the Regional Forensic Science Laboratory, Saramsa, East Sikkim as per enclosed specification. The tenders sent by post should be properly sealed and addressed to the undersigned and should be sent through registered post /speed post/courier service.

TERMS AND CONDITIONS:

1. The intending tenderers may collect tender papers from the office of the undersigned on any working days during office hours or may download from the web site www.sikkimpolice.nic.in
2. The tender should reach the undersigned on or before 3.00 PM of 20th January/2017 and no tender received thereafter will be accepted. The tenders will be opened on the same day at 3.30 P.M. in presence of the intending tenderers or their authorized representatives.
3. The tender is to be sent in two separate sealed covers super scribed as “**Technical Bid**” and “**Commercial Bid**” and both put together in a sealed envelope. The technical specification and the price for the item may be quoted in the same tender. The Technical Bid should contain all the technical specifications with leaflets/brochures etc. while the price bid should contain only the price with relevant taxes. The price bids of tenderers who qualify in their technical bids as per the specifications prescribed will only be opened for price consideration.
4. The technical bid should accompany earnest money deposit and should contain all the commercial terms and conditions.
5. All tenderers must submit along with their tenders the following documents in their technical bid duly photostatted and attested.
 - (a) Up to date valid Tax clearance certificate with TIN number.
 - (b) In case of authorized dealer/distributor/agent, a certificate from the manufacturer to that effect.
 - (c) A list of users
 - (d) Central Excise clearance certificate in case of manufacturers
6. Tenderers will have to submit an Earnest Money as indicated against the item. The Earnest Money must be in the form of TDR drawn on any National Bank pledged in favour of Director, RFSL, Saramsa, East Sikkim.
7. The tenderers must mention the warranty period for the equipment quoted along with the availability of the service facility of the equipment.
8. The tenderers must also quote the rate of Annual Maintenance Contract beyond the warranty period where applicable.
9. The successful bidders will have to execute agreements before the issue of supply orders.
10. The Director, Regional Forensic Science Laboratory, Sikkim does not bind himself to accept the lowest rate and may reject any or all tenders without assigning any reason thereof.
11. In case of any dispute, the decision of the undersigned shall be final and binding on all.

Sd/-

Director

Regional Forensic Science Laboratory,
Saramsa, East Sikkim.



ANNEXURE – I

SL NO.	NAME OF EQUIPMENT	SPECIFICATION	EARNEST MONEY
1.	HPLC Equipment	<p>The HPLC System should have of the following minimum specification :</p> <ol style="list-style-type: none"> 1. Quaternary Gradient Pump (Solvent delivery system) with a flow of 0.01 -10 ml/min in Analytical mode and upgradable up to 50ml/min in semi-preparative mode. Pressure range of up to 6000 psi . Flow rate accuracy of $\pm 1\%$ and Precision of $<0.1\%$ RSD or better and built in 4 channel vacuum degasser with a flow of 10ml/min per channel. Pump should be parallel dual-plunger type for pulse-less flow. It should have facility to use in constant flow & constant pressure control mode. 2. Stand alone Touch Pad Control module for pump- LCD Touch screen for full control of pump features (method programming, solvent mixing rate, prime, flow calibration etc...) 3. Autosampler: Should be of high-throughput with state of the art injection, fast injection and wash cycles. Full or partial loop injection with needle and internal capillary wash for eliminating sample carry over. Sample capacity : Micro well plates (analytical) to 10 ml (semi-prep). Carry over should less than : $<0.05\%$. Loop volume : 1-9999ul programmable 4. Programmable UV-Vis detector: with D2 lamp for UV range and tungsten lamp for VISIBLE range and wavelength range of : 190-900 nm or higher with analytical flow cell .Cell volume should not be more than 10uL with 10mm path length.. Bandwidth: 5nm. <u>Optional</u> – PDA/DAD Detector : Wavelength range should be 190-950nm or higher with both Deuterium and Tungsten lamp, No of diodes/PDA Channel should be 1024 or more, Flow cell should not be more than 5ul with 3mm path length 5. Column Oven & Compartment: Temperature range should be $4^{\circ}\text{C} - 90^{\circ}\text{C}$, Temperature stability should be $\pm 0.05^{\circ}\text{C}$ or better. Should hold a minimum of two column of size 30cm length. Communication – LAN. 6. Column : C18, C8 of 5u, 4.6x250mm- one each along with guard columns 7. Sample preparation accessories: Nylon syringe filters & PVDF syringe filters of 13mm of 0.22 & 0.45u- 100 no each. 8. Software: Necessary LC software along with latest version computer/lazer printer with original operating software should be quoted. All automated LC calculations facility should be available. Export/import of data, audit trail, column performance, method & calibration history, Electronic signature, Network solution (chromatography files should be accessed from network computer using HPLC software). 9. 2 KVA online UPS with minimum 30 minutes back-up to be quoted. 10. Water Purification system: The system should produce HPLC/IC grade water. Water resistivity should be $18.2\text{M}\Omega\cdot\text{cm}$ or better, TOC level should be 5-10ppb or better, Flow rate: 1.5litre/min or higher. <p>Warranty – should be 2 year, Training at site – Free, System should be upgradable with additional accessories without changing any existing accessories.</p>	1,00,000.00