

POLICE



DEPARTMENT

KERALA

No. E1-59235/2020/N(1)

District Police Office,

Pathanamthitta

✉sppta.pol@kerala.gov.in

☎04682222630

Dated. 27-01-2022

Quotation No. 0 2 / 2022 - 2023

Sealed quotations are invited for the supply of **HAND SPECTROSCOPE** for the use of Forensic Science Laboratory at Adoor . Intending vendors (with TIN) may quote their offers separately. The quotation complete in all respect should be submitted in envelopes bearing the name of the item with samples and should be addressed to District Police Chief, District Police Office, Pathanamthitta- 689645 . Intending Tenders may submit their Quotation in their own letter head. **Last date for receipt of Quotation is 31-01- 2022 at 11 AM . Late quotations will not be accepted . The quotations will be opened at 11.30 AM on the same day at District Police Office, Pathanamthitta** in the presence of tenderers or their authorised representatives who may be present at that time . Payment will be made only after the verification of the supplied items. Advance payment will not be allowed. Specifications are furnished below.

| Sl.No | Item | Specification | Quantity |
|-------|-------------------|---|----------|
| 1 | HAND SPECTROSCOPE | a. Optical input: SMA 905 connector for single strand optical fiber or probe attachment. b. Sensitivity: Dependant on detector ILX511~80 TCD2101~200 S7011~10 photons per count. c. Signal2Noise: with CCD <=1000:1 with PDA<=2000:1 with InGaAs <3500:1 d. Stray Light: for BLUE/GREEN-Wave < 0.1%@435nm; for BLACK-Comet <0.02%@435nm < 0.2%@220nm e. Linear Range: 0-2.1 absorbance units (< 0.5%) f. Exposures: Standard electronics = 4ms-60 seconds, LT-12= 2ms-60 sec, LT-14 = 1ms-60 sec g. Resolution: Depends on Model + slit selection (0.1nm-10nm); for BLACK-Comet < 0.75nm h. Accuracy: Wavelength < 0.25nm i. Repeatability: Wavelength < 0.05nm j. Stability: Wavelength < 0.001nm per Deg C | 01 No |



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| | | k. Compensation: Stellar Net temperature compensation for detector count stabilization is software selectable. RED-Wave-NIR-InGaAs spectrometers have a Thermo Electrically Cooled (TEC) detectors | |
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SWAPNIL MADHUKAR MAHAJAN IPS
District Police Chief

To : All officers in Pathanamthitta District - For circulating the notice among known Vendors

