



Government of West Bengal
Office of the Administrator and Director, Forensic Science and laboratory,
Home and Hill Affairs Department, Police Establishment Branch
37/1/2 Belgachia Road, Kolkata-700037.

Memo No: 33/CON/A/FSL

Date: 18/11/24

Corrigendum

Please find the revised and amended specifications of instruments as per Annexure A, of e-Tender no SFSL/KOL/ET-04/2024-25, Tender ID no-2024_WBFSL_768235_1.

Sd/-
Administrator,
Forensic Science and laboratory,
West Bengal

FOOT PRINT SECTION

Item No.1 Reprovit Unit with Light arrangement for Forensic Photography

1. Column

- Manual/ Motorised Column with adjustable height up to 150 cm with load capacity up to 15 kg.
- Shock resistant.
- Camera mounting platform and camera holder.
- Build-in spirit level.

2. Base Stand and Plate

- Height – 75 cm to 90 cm
- Transmitted light arrangement
- Illuminated base plate
- Document holder

3. Lighting Unit

- LED white light (flicker-free) with dimmer facility – 02 units
- Illumination with/without diffuser – 6500 / 8000 lux or better
- In-built transmitted light source with adjustable arms

4. Camera

- Minimum 24 Mp or better DSLR camera
- 16-80 mm zoom lens or better
- Full frame sensor
- Tilt screen, live view image capturing and storage through computer

5. Battery

- Rechargeable batteries and charger with at least 500 shots after full charge
- One set additional batteries and charger.

6. Software, Computer and Accessories

- Reputed Brand of PC with latest Windows OS and 32 GB RAM, 8 GB Graphic card, 1 TB SDD, 2 units Data Disc 4 TB SATA type, In-built Wi-Fi card, Wireless mouse & key board, and Data cable.
- 32 inch UHD Screen for display.
- High resolution colour photo Laser Printer with 8 inch width print and USB interface.
- 5 KVA Online UPS with 30 minutes battery backup of latest model.
- Compatible software with IT Act and rules compliance for live view and other photographic controls. Computer-controlled height adjustment for certain copy stands and columns, brightness control for certain LED lighting units; Direct access height adjustment via scroll bar, different speed rates; Separate brightness control of left and right light; Projects can be saved, retrieved, newly created, copied, edited and deleted.

- Memory card 128 GB.
- Macro lens set and colour filter set compatible with camera
- All standard accessories of photography (bag, cover, cable etc.)

7. Training:

Training should be imparted for FSL West Bengal personnel as required on operation, maintenance and troubleshooting problems at the place of installation.

8. Warranty and AMC:

The warranty of the equipment should be for a period of at least 03 years from the date of installation. During the warranty period free upgrades of the software, if any, should be provided. The supplier should undertake to execute AMC (annual maintenance contract) for three years after warranty is over at the cost of not more than 10% of the cost of instrument which will be paid during the period of AMC.

9. Miscellaneous :

- The offered model should have international CE/ ISO certificates.
- Instrument should be compact device for use in field, forensic lab and industrial environment.
- Instrument should be chargeable with stable power supply from 100 to 240 VAC, 50 to 60 Hz.
- Vendor should have proven track record and should provide at least 03 installation details in various Forensic Labs, Government Institutes in last five years along with institute name, customer details contact details as per requirement.
- Vendor should have a service engineer stationed in Kolkata/ eastern region or preferably have a branch office for attending to problems, if any during the warranty/ AMC period.

Item No.2 Footwear Outer Sole Scanner

1. General Specifications

- Resolution – 1000 PPI
- Live image FOV – 100 x 70 mm
- Scanning area – 400 x 210 mm
- Illumination angles – 12°, 45° and 60°
- Illumination panels – 3 pairs of high-power LED panels with up to 120 W total power
- Illumination colors –
 - RGB-W panel for standard visualization (6 LEDs including white, red, green, blue, orange).
 - UV-BG-Y panel for fluorescence excitation (6 LEDs including UV, violet, blue, green, yellow, IR).
 - W, UV IR

2. Computer and Accessories

- Reputed Brand of PC workstation with UHD monitor and LaserJet Printer with 5 KVA Online UPS having 30 minutes battery backup of latest model should be supplied.
- Shoe holder, set of emission filters (UV cut, yellow, orange, red) with holders, set of close-up lenses (0.25D, 0.5D, 1.0D, 1.5D, 2.5D).

3. Training:

Training should be imparted for FSL West Bengal personnel on operation, maintenance and troubleshooting problems at the place of installation.

4. Warranty and AMC:

The warranty of the equipment should be for a period of at least 03 years from the date of installation. The supplier should undertake to execute AMC (annual maintenance contract) for three years after warranty is over at the cost of not more than 10% of the cost of instrument which will be paid during the period of AMC.

5. Miscellaneous :

- The offered model should have international CE/ ISO certificates.
- Instrument should be compact bench top device for use in forensic lab and industrial environment.
- Instrument should work with stable power supply from 100 to 240 V AC, 50 to 60 Hz.
- Vendor should have proven track record and should provide at least 03 installation details in various Forensic Labs, Government Institutes in last five years along with institute name, customer details contact details as per requirement.
- Vendor should have a service engineer stationed in Kolkata/ eastern region or preferably have a branch office for attending to problems, if any during the warranty/ AMC period.

Item No.3 Forensic Optical Comparator

1. General Specifications

- Dual Projection Screens
- Quartz Halogen Projection Lamps
- Fine-Focus Platforms
- Matched f/3.5 Objective Lenses (6.5X and 10X)
- Sliding Turret with Pre-Focused Illumination
- 4" Internal Cooling Fan
- Viewing Screen 6" x 15"
- Sliding Ambient Light Shield

2. Warranty and AMC:

The warranty of the equipment should be for a period of at least 03 years from the date of installation. The supplier should undertake to execute AMC (annual maintenance contract) for three years after warranty is over at the cost of not more than 10% of the cost of instrument which will be paid during the period of AMC.

3. Miscellaneous :

- The offered model should have international CE/ ISO certificates.
- Instrument should be compact bench top device for use in forensic lab and industrial environment.
- Instrument should work with stable power supply from 100 to 240 V AC, 50 to 60 Hz.
- Vendor should have proven track record and should provide at least 03 installation details in various Forensic Labs, Government Institutes in last five years along with institute name, customer details contact details as per requirement.
- Vendor should have a service engineer stationed in Kolkata/ eastern region or preferably have a branch office for attending to problems, if any during the warranty/ AMC period.