

Quotation Notice No. IRTC/P/ 10 /2025 – 26 Dated 02 – 02 – 2026

Quotations are invited from the manufactures/authorised distributors for the supply of the following items for the implementing the project under PLAN GRANT 2025 – 26.

Quotation should be sent to the following address :

Registrar, IRTC, Mundur, Palakkad, Kerala – 678592, Phone 2832663, 2832324, 9188183296.

Last Date of Receipt: 09 – 02 – 2026. 5 pm

Name of Equipment: UV-Visible Spectrophotometer

| Sl. No. | Parameter | Specifications |
|---------|------------------------------|--|
| 1 | Instrument Type | UV-Visible Spectrophotometer |
| 2 | Manufacturer | Reputed international OEM |
| 3 | Optical System | Double beam, Czerny-Turner monochromator |
| 4 | Wavelength Range | 190 – 1100 nm (or better) |
| 5 | Wavelength Resolution | ≤ 1 nm |
| 6 | Scan Speed | ≥ 20,000 nm/min |
| 7 | Stray Light | ≤ 1.0 % at 198 nm |
| 8 | Photometric Repeatability | ≤ ±0.0005 Abs |
| 9 | Photometric Accuracy | High reproducibility |
| 10 | Linear Absorbance Range | Up to 2 Abs |
| 11 | Quantitation Limit (Example) | Low-level detection |
| 12 | Measurement Modes | Multiple |
| 13 | Display | Touch screen |
| 14 | Display Languages | Multi-language |

| | | |
|----|------------------------------------|--------------------------------------|
| 15 | Data Storage | ≥ 500 datasets |
| 16 | Connectivity | USB / Network / Wireless |
| 17 | Printing | Optional |
| 18 | Warm-up Time | Minimal |
| 19 | Software | Instrument control & data management |
| 20 | Data Compliance | ER/ES, FDA 21 CFR Part 11 |
| 21 | Validation | JP, USP, EP |
| 22 | User Levels | Security access |
| 23 | Temperature Controlled Cell Holder | Optional |
| 24 | Multi-Cell Positioner | Optional |
| 25 | Sipper Units | Optional |
| 26 | Long Path Cell Holder | Optional |
| 27 | Barcode Entry | Required |
| 28 | Regulatory Compliance | GLP/GMP, JP, USP, EP |


REGISTRAR



Registrar
Integrated Rural Technology Centre
Mundur, Palakkad - 678 592
Kerala