



Notice Inviting e-Tender

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Procurement, supply and installation of Hi Tech Analytical Instruments for State Drugs
Control & Research Laboratory (SDCRL) of the Government of West Bengal
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-101 /2025

Dated-06.02.2025

The following amendment have been made in the tender document,

Amendment –I (Revision of Technical Specification)

The revised technical specifications for the item is given below,

Feature (Micro Balance with Printer)

| Sr No. | |
|--------|---|
| 1 | State of the art TFT touch screen operation with brilliant, readable, display but uncomplex, easy to operate user interface |
| 2 | Software: Factory installed basic set of essential weighing applications |
| 3 | Seamless Data transfer to PC |
| 4 | Automatic Leveling with Motorized draft shield |
| 5 | Communication - USB-A connection, USB-B connection, COM-RS232 connection |
| 6 | Fully automatic time and temperature related adjustment Low: For information only If the fully automatic time and temperature related adjustment function must be carried out: The device displays a status message. Medium: Warning message* If the fully automatic time and temperature related adjustment function must be carried out: The device displays a warning message. Some device functions are limited until the device is levelled: The displayed |

| | |
|----|---|
| | weight value is marked as invalid; printed data are marked with [!]. High: Error message, adjustment mandatory If the fully automatic time and temperature related adjustment function must be carried out: The device displays an error message. Some device functions are limited until the device is levelled: The displayed weight value is marked as invalid; the starting of functions and saving of data in tasks is disabled; data output is deactivated. |
| 7 | Glass coated and illuminated draft shield |
| 8 | Suitable printer to be supplied. |
| 9 | Accuracy class according to Directive 2014 31 EU I |
| 10 | Verification scale interval (e) according to Directive 2014 31 EU 1mg |
| 11 | Minimum load (Min) according to Directive 2014 31 EU 10 mg |
| 12 | DATA.OUTPUT. "Data output-COM. SBI "SBI communication |

Specification Comparison (Micro Balance)

| Specification | |
|---|--------------------|
| Max Capacity (g) | 6.1 gm |
| Readability (mg) | 0.001 mg |
| Linearity (mg) | 0.003mg or more |
| Measuring Time(S) | 8 Sec |
| Stabilization time (S) | 5 sec |
| Pan Size (mm) | 26 mm or more |
| Repeatability Typical (mg) | 0.0005 mg |
| Minimum weight as per USP.Ch.41(Optimum) | 2 mg |
| Weighing module (L x W x H) mm | 340 x 139 x 129 mm |
| Electronics module with control unit (L x W x H) mm | 315 x 240 x 61 mm |

Micro balance will come with printer. Printer specification has given below:

Technical Feature (Printer)

| | |
|------------------------|--|
| Resolution | 203 dpi |
| Printing Process | Thermos transfer printing |
| Max. Print Width | 54mm |
| Exterior Dimension | 241.3 x 139.9 x 177.4 mm (L x B x H) |
| Ink Ribbon Performance | 90m, ODmax 37mm, core12.7mm |
| Ink Ribbon core Width | 56-58 mm |
| Media Capacity | OD 127 mm |
| Interface | RS232, USB 2.0 |
| Power Supply | External universal switching power supply - Input:100-240 V ~ - Output: 24 V-; 2.5 A |
| Media Take up | Outer take up |

| | |
|---------------------|--|
| Media width | 15-60mm |
| Media Thickness | 0.06 - 0.19mm |
| Media core Diameter | 25.4-38mm |
| Operation | 5-40°C, 25-85% non-condensing |
| Storage | 40-60°C, 10-90% non-condensing |
| Safety Instruction | FCC class B, CE class B, C-tick class B, UI, CUI, TUV /safety, CCC |

Other Requirements:-

| Sr No. | |
|--------|---|
| 1 | Balance should be supplied with IQOQ documents and qualifications need to be performed during installation. |
| 2 | Service Engineers of OEM should be based in Kolkata. |
| 3 | Warranty must be for 3 years. Warranty will cover the Spare Parts for manufacturing defect. |
| 4 | No General authorization will be entertained for the bidding. |
| 5 | The Bidder must be Provided Valid Legal Metrology certificate with license along with their bid. |
| 6 | The bidder should submit European CE (4 Digit notified body) /BIS/CDSCO Certification from the competent authority. |