



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,

Analytical 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	Communication - USB-A connection, USB-B connection, COM-RS232 connection
5	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.
6	Pan should be made of Stainless steel.
7	Glass draft shield with 3 side opening options
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.OUTP. "Data output-COM. SBI "SBI communication

Specification Comparison (Analytical Balance)

Specification	
Max Capacity (g)	220 gm
Readability (mg)	0.1 mg
Linearity (mg)	0.13mg
Measuring Time(S)	3 Sec
Stabilization time (S)	1 sec
Pan Size (mm)	85*85 mm
Repeatability Typical (mg)	0.07 mg
Minimum weight as per USP.Ch.41(Optimum)	100 mg
Weighing module (L x W x H) mm	425 x 240 x 373 mm
Electronics module with control unit (L x W x H) mm	315 x 240 x 61 mm

- Analytical 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/CDS Certification from the competent authority.