



VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY BURLA

ବୀର ସୁରେନ୍ଦ୍ର ସାଏ ବିଶ୍ୱବିଦ୍ୟାଳୟ

(A UGC Recognized State Government University by an Act of Assembly, Estd. -1956)

P.O. Engineering College, Burla, Dist: Sambalpur, Odisha, (India) -768 018

www.vssut.ac.in. e-mail:registrar@vssut.ac.in

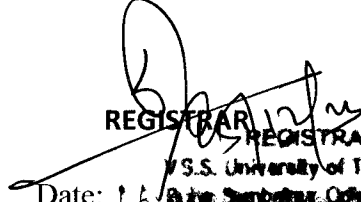
No. VSSUT/ME/SRIC/1214/2023

Date: 16.12.2023

QUOTATION CALL NOTICE


Sealed quotations are invited from the intending reputed wholesaler/Direct importers /Registered Authorized Dealers with GST Registration certificate, copy of PAN card for the supply of **Digital Analytical Balance (01 number) and Temperature & humidity data logger (01 number)** for Mechanical Engineering Department of VSSUT, Burla. This would reach the office of the undersigned through speed or registered post or in hand by 02.01.2024 (5 PM). Detailed information and the quotation document are available on the University website www.vssut.ac.in or contact HOD, Department of Mechanical Engineering.

Memo. No. VSSUT/SRIC/1215/2023


REGISTRAR
REGISTRAR
V.S.S. University of Technology
Burla, Sambalpur, Odisha-768018
Date: 16.12.2023

Copy to

1. University Notice Board.
2. The Dean, Faculty & Planning with a request to display the advertisement in University website.
3. The Comptroller of Finance for information & necessary action.
4. PA to VC for kind information of Vice-Chancellor, VSSUT, Burla
5. PA to Registrar for kind information of Registrar, VSSUT, Burla.


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V.S.S. University of Technology
Burla, Sambalpur, Odisha-768018

INVITATION FOR BIDS:

Sealed quotations i.e both Technical Bid and Price Bid (in one packet) are invited by the "**The HOD, Department of Mechanical Engineering, Veer Surendra Sai University of Technology, Odisha**" from the manufacturers/authorized distributors/ dealers for supply of **Digital Analytical Balance (01 number) and Temperature & humidity data logger (01 number)** of reputed make (National/ International) for the Department of Mechanical Engineering, VSSUT Burla, Odisha.

The Bidders may download the **Quotation Documents** directly from the website available at **<http://www.vssut.ac.in>**. In case of any bid clarification, responsibility lies with the bidders to collect the same from the website and the purchaser shall have no responsibility for any delay/ omission on part of the bidder.

TIME SCHEDULE:

- a) **Date of commencement of downloading bidding document 16.12.2023 at 10.30 AM.**
- b) **Last date and time for Receipt of bids 02.01.2024 up to 5 PM.**
- c) Place of opening of quotation and address for communication and receipt of bid documents:

**The HOD, Department of Mechanical Engineering
Veer Surendra Sai University of Technology, ODISHA
At- Burla, Po-Burla Engineering College, Dist-Sambalpur-768018**



Terms & Condition

1. The rate should be inclusive of all charges except GST. The GST must be indicated separately.
2. Brand/make of the items should be mentioned in the quotation along with details specifications, expiry date, warranty and leaf-let (if any).
3. The original bid document signed & sealed by authorized person in each page as a token of acceptance of all terms and conditions of the quotation with original receipt.
4. The hard copy of price bid giving the rates for one number of **Digital Analytical Balance and One number of Temperature & Humidity Data Logger** should be submitted.
5. GST registration certificate/ PAN card (Xerox copy) certificate should be submitted along with the quotation.
6. Delivery of the **Digital Analytical Balance and Temperature & Humidity Data Logger** should be made in the Department of Mechanical Engineering, VSSUT Burla, Sambalpur, Odisha.
7. If the supplier fails to supply the equipment as per order in due time the supply order will automatically be cancelled.
8. The university authority reserves the right to reject or select any or all quotations without assigning any reason thereof.
9. The quotation cover should be superscribed with the words "**Quotation for Digital Analytical Balance and One number of Temperature & Humidity Data Logger for Department of Mechanical Engineering**".


REGISTRAR, VSSUT

~~REGISTRAR~~
V.S.S. University of Technology
Burla, Sambalpur, Odisha

SCHEDULE OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS

Digital Analytical Balance

Parameters	Specifications:
Function	Counting, Percentage, Full range Tare, Overload Protection, Zero Tracking, Automatic Error Correction, Double Display Port.
Capacity:	220gm.
Readability:	0.0001gm (0.1mg).
Repeatability:	0.0002gm.
Linearity:	0.0005g
Display: Large LCD (White bright backlight)	4.7" X 2.4"(120 x 60mm)
Interface	RS232C, Dual Display.
Platform Size:	90mm SST 304.
Unit:	g,ct,oz,ozt,%,pcs.
Integrating Time	2/4/8s
Value stable time	<=5s
Power:	AC 220V/ 50-60Hz.
Over Load Protection:	Yes.
Glass Wind Shield	6.7" X 7.1" X 9.4".
Calibration:	External.
Attachments	English manual, Adapter, Under hook, Dust Guard, F1 class Calibration weight Four type Speed.
Material Breakdown	ABS, Stainless Iron, Aluminium Alloy, Glass.
Certification:	CE, ISO, ROHS.

Signature of bidders

TEMPERATURE & HUMIDITY DATA LOGGER

Features:

- Record Temperature and Humidity Simultaneously with Dual-Channel Data Logger.
- Easily mount the light-weight, pocket-sized loggers in tight spaces
- Easy-to-see dual display
- Transfer data to PC even during recording(*1)
- Replace batteries while recording (30 second limit) (*2)
- 7 times the memory capacity than predecessor (Record 60,000 data per channel)
- Record without missing fluctuations in STAT mode
- Measurement data is preserved even after the battery dies
- Worry-free backup preserves recorded data even if a new measurement is started by mistake

Measurement items	Temperature 1 ch and Humidity 1 ch (Requires included or optional humidity sensor)
Measurement range	Temperature: -40.0°C to 85.0°C, Humidity: 0 to 100% RH at sensor environment
Basic accuracy	[Temperature] : ±0.5 °C (main unit + sensor accuracy, at 0.0 to 35.0 °C) [Humidity] : ±5 % rh (main unit + temperature / humidity sensor LR950x combination, at 20 to 30 °C / 10 to 50 % rh) Note: Basic accuracy is typical value, refer to the detailed catalog
Storage capacity	Instantaneous value mode: 60,000 data/ch, Statistical value mode: 15,000 data/ch
Recording interval	1 to 30 sec., 1 to 60 min., 15 selections
Recording modes	Instantaneous recording: at every recording interval Statistical value recording: Measure at one second intervals, and record the instantaneous, maximum, minimum, and average values within every recording interval
Recording methods	One-time recording: Stop recording when the memory capacity is full Endless recording: Continue recording even when the memory capacity is full (old data is overwritten) Start: Logger button operation or scheduled time Stop: Logger button operation or scheduled time, or auto-stop when the memory capacity is full (at one-time recording)
Other functions	Always backs up last recorded data; backs up recorded data and setting conditions when battery power is low Note: After batteries are replaced within 30 seconds, recording resumes automatically (Recording is interrupted during battery replacement)
Waterproof and dust-proof	IP54 (EN60529) (with sensor connected, but not including sensor tip)
Interfaces	Infrared optical communications with LR5091, LR5092-20
Power supply	LR6 (AA) Alkaline battery × 1, Battery life: Approx. 3 months (Instantaneous recording, with 1-minute interval and auto power saving, at 20 °C), Approx. 20 days (Instantaneous recording, with 1-second interval at 20 °C)
Dimensions and mass	79 mm (3.11 in) W × 57 mm (2.246 in) H × 28 mm (1.10 in) D, 105 g (3.7 oz)
Included accessories	LR6 (AA) Alkaline battery (built-in internal) × 1, Humidity Sensor LR9504 × 1, Instruction manual × 1, Operation guide × 1, Kickstand × 1

Signature of bidders