



TENDER NOTICE

The University of Malakand invites sealed bids for the purchase of Equipment's under NRPU project No. 180056-63 uploaded through EPADS under Rule 6(2)(a) *Single Stage, One Envelope Procedure* of the Khyber Pakhtunkhwa Public Procurement Rules, 2014, from authorized dealers registered with Income Tax/Sales Tax, KPRA, and reflected on the Active Taxpayer Lists (ATL) of FBR & KPRA (where applicable).

Details

Information

Bid Security (CDR/Bank Guarantee) 2% of Bid Cost

Bid Submission Deadline 6th November 2026 – 10:30 AM

Bid Opening Date & Time 6th November 2026 – 11:00 AM (Same Day)

Venue Committee Room, University of Malakand

Clarifications or queries (if any) may be obtained **through EPADS** during working days within office hours. No queries shall be entertained after 30th October 2026.

Bid Solicitation Documents (BSD) can be downloaded from EPADS

(<http://kp.eprocure.gov.pk>) after publication of this advertisement in the newspapers and until the last date for bid submission. BSD Fee: Rs. 5,000/- (Non-refundable)

Downloaded documents must be accompanied by the tender fee of Rs. 5,000/- in the form of a Deposit Slip (Account No. 5344003066927027, NBP University Branch) or Bank Draft in favour of the Treasurer, University of Malakand.

The advertisement is also available on the following websites:

- www.uom.edu.pk , www.kppra.gov.pk

Interested bidders must register with **EPADS** to obtain a unique username and password.

Bid proposals shall be submitted **through EPADS**, while the **bid security (CDR)** must be submitted **in hard form** at the time of bid opening.

Secretary, Purchase Committee

University of Malakand

Terms & Conditions

1. Each page of the quotation must bear the signature and stamp of the vendor. Quotations containing overwriting, cutting, or interpolation will be considered invalid. In case of equal rates by two firms, the decision will be finalized through a draw.
2. Vendors are not permitted to delegate their work to any other firm without prior approval from the competent authority. Failure to comply will result in the cancellation of the tender.
3. All applicable taxes will be deducted as per government-approved rates.
4. Manufacturer authorization certificate must be attached.
5. No advance payment will be made; payments will only be processed after the items are supplied.
6. Payments will be made upon submission of pre-receipted bills.
7. The acceptance of items is subject to inspection and approval by the end user at the point of delivery.
8. Items of substandard quality will be rejected, and no payment will be made for the rejected items.
9. Payments will only be processed after complete delivery of the items.
10. Items must be supplied in sealed packaging and will be opened in the presence of the end user.
11. The vendor is responsible for delivering the items within the agreed timeline. Failure to comply may result in penalties as per KPPRA Rules. However, the competent authority may grant an extension based on valid reasons or ground realities upon request by the supplier.
12. The quoted rates shall remain valid for a period of four months from the date of tender opening, regardless of the validity period mentioned in the quotation.
13. The tender will be closed on 06/11/2026 at 10:30 am and opened on same day at 11:00 A.M. in the Committee Room of the University of Malakand, in the presence of the bidders or their representatives.

Tender Documents/specifications of the equipment's

A. Microplate Reader Spectrophotometer

1. Monochromator wavelength selection from 200 nm to 999 nm in 1 nm increments
2. 6- to 384-well plate reading capability
3. Automated pathlength correction for direct quantification without diluting samples
4. Spectral scanning, end point, kinetic, and well area scanning measurements
5. Microplate Reader and Imager Software included
6. Integrated detector and electronics for low-noise measurements
7. Xenon flash lamp to last the instrument's lifetime
8. Robust housing design for longevity even under heavy usage
9. Must be Compatible with 3rd Party Automation
10. Must contain a fluorescent detector or coupled with a fluorometer

General

Detection method: Absorbance/fluorescence
Read method: End point, kinetic, spectral scan, well area scan
Microplate types: 6-, 384-well microplates
Software: Gen5 Data Analysis Software
Automation: Compatible with 3rd party automation

Absorbance

Wavelength range: 200 nm - 999 nm, selectable in 1 nm increments
Bandpass: 5 nm
Dynamic range: 0 to 4.0 OD
Resolution: 0.0001
Monochromator wavelength accuracy: +2 nm
OD accuracy: 0 to 2 OD: +1% +0.010 OD, 2 to 2.5 OD: +3% +0.010 OD
OD linearity: 0 to 2 OD: +% +0.010 OD, 2 to 2.5 OD: +3% +0.010 OD
OD repeatability: 0 to 2 OD: +1% +0.005 OD, 2 to 2.5 OD: +3% +0.005 OD
Reading speed: 96 wells: 15 seconds, 384 wells: 31 seconds

The equipment must be coupled with Fluorometer/ fluorescence detector

Fluorescence Reading Sensitivity: 0.5/0.1 pg/μL - 4000 ng/μL dsDNA 250 pg/μL - 1500 ng/μL RNA

Flexible Export and Connectivity: Wi-Fi, USB, Email, Ethernet and more Powerful Software

Four Channels: UV, Blue, Green, and Red Fluorescence Fluorometer

Light Sources: UV LED (~375 nm), Blue LED (~470 nm), Green LED (~525 nm), Red LED (~635 nm)

Excitation Filters: UV: 361 - 389 nm, Blue: 442 - 497 nm, Green: 490 - 558 nm, Red: 613 - 662 nm

Emission Filters: 435 - 485 nm, 514 - 567 nm, 565 - 650 nm, 665 - 740 nm

Detectors: Photodiode

Detection Range: 300 - 1000 nm Tube Type 0.5 mL thin-wall PCR tubes

Measurement Time: <2 seconds

Internal Storage: 32GB Flash Drive Connectivity Wi-Fi, Ethernet, 2 USB ports Weight 1.5 kg

Footprint 20 x 27 cm

Including Following Accessories: -

- a) Compatible Computer/Laptop
- b) Compatible Printer
- c) Micropipette Adjustable

Furthermore, it must be **Individually Calibrate, Fully Autoclavable with the following or equivalent features**

1. A reliable volume adjustment
2. Single-handed volume setting
3. Precision digital display visible at all time
4. Swift-set user calibration system
5. Shock, UV-light and autoclaving resistance

Specifications:

Volume Range: 100 – 1000 μ l

Division: 1 μ l

Inaccuracy (E%), Min. Vol: < $\pm$ 1.5%

Inaccuracy (E%), Mid. Vol: < $\pm$ 1.0%

Inaccuracy (E%), Max. Vol: < 0.5%

Imprecision (CV%), Min. Vol: < 0.5%

Imprecision (CV%), Mid. Vol: < 0.4%

Imprecision (CV%), Max. Vol: < 0.2%

Note: The supplier must provide after sale service for at least 2 years whenever required.

B. Analytical Balance (Analytical balance must have the following Features);

1. Aluminum alloy body and stainless-steel platform with clear glass wind shield.
2. Electromagnetic sensor technology
3. USB interfaces for PC connection and data export.
4. Built-in ARM32-bit microprocessor makes the instrument run fast and measure with high accuracy.
5. 4.3 inches high resolution TFT capacitive touch screen for much easier operations, display with backlight make it easier to read under all conditions.

Detailed required Specifications:

Capacity: up to 220g

Readability: 0.1mg

Calibration: Internal

Weighing Units: gram, carat, ounce, pound, troy ounce, Newton

Stabilization Time: $\leq$ 4 seconds

Communication: USB

Note: It must include a density determination kit