

Tender Notice

Sealed tenders/ bids are invited from the firms registered with Sales Tax and Income Tax Departments for following Tender under HEC funded research project No. 8449 titled **“Selective targeting of anticancer drugs to tumors through intelligent lecithin nano-carriers surface modified with biopolymers ligands”.**

S.N O	Item	Specifications	Quantity	Closing Time and Date	Time, Date & Venue of Opening
1	CO ₂ incubator	<p>TEMPERATURE Heating System Control Direct Heat and Air-Jacketed Range ±0.1°C Uniformity 5°C above ambient to 60°C (150°F) Tracking Alarm ±0.3°C @ 37°C (98.6°F) Sterilization User-programmable high/low (Adjustable Timer) 180°C High Heat Sterilization System</p> <p>CO₂ CO2 Control Better than ±0.1% (Digital electronic CO₂ control with dual beam NDIR system, with auto-diagnostic system and acoustic fault indication, barometric pressure compensation) CO2 Range 0-20% Inlet Pressure Required 12-15 PSIG (1.0 bar) CO2 Sensor TC Readability & Setability 0.1% Tracking Alarm User-programmable high/low</p> <p>HUMIDITY RH Ambient to 98% @ 37°C (98.6°F) Setting accuracy humidity 0.5% RH Humidity Source 1.5 gal standard, pan</p> <p>Standard accessories Membrane filter (in order to remove impurities and pollutants, all incoming gases pass through a membrane filter before they reach the chamber)</p> <p>Door fully insulated stainless steel door with 2- point locking (compression door lock) inner glass door with opening (8 mm Ø) to take gas sample</p> <p>Internals 2 perforated stainless steel shelf/shelves 1 stainless steel water dish</p> <p>Dimensions (w x d x h) Not less than 550 x 450 x 400</p>	01	30-09- 2020 till 12:00 Noon	The tender will be opened on the same date at 12:30 PM at Committe e Room, University of Malakand.
2	Fluorescence Microscope	<ul style="list-style-type: none"> • Magnifications: 40x, 64x, 100x, 160x, 250x, 400x, 640x, 1000x, 1600x, 2500x; • Microscope Head: - Trinocular viewing head: anti-mould, 45 degrees inclined 360 degrees swiveling, compensation free - Sliding interpupillary adjustment, range 2-3/16inch - 3.0inch (55 mm-75 mm) – • Nosepiece: revolving, quadruple - Adjustable diopter ring on both ocular tubes – • Photo tube: Inner diameter 23.2mm, height adjustment range: 3/4inch (18 mm); • Eyepieces - 3 pairs of eyepieces: WF10X, P16X, WF25X • Objectives: high quality fluorescence objectives - FLUOR 4x (0.1 NA) - FLUOR 10x (0.25 NA), - FLUOR 40x (0.65 NA, Spring), - FLUOR 100x (1.25 NA, Spring,Oil); • EPI-Fluorescent illumination: - Power supply: 100W, AC 100-240V with digital displays for Life Time (h.m) and Current (A) - 100 W HBO ultra Hi-pressure spherical Mercury bulb, center 	1		

		<p>adjustable in lighthouse - Built-in condenser, position adjustable - Fluorescence blue and green filter cubes in a sliding assembly</p> <ul style="list-style-type: none"> • Epi-Fluorescence light path control: block/open - Three-position sliding filter assembly: blue filter, green filter, and transmitted brightfield illumination - Blue exciting filter: 410 - 490 nm, barrier (emission) filter: 515 nm - Green exciting filter: 490 - 540 nm, barrier (emission) filter: 590 nm - Protection barrier (suppression filter or front light baffle to resist the ultraviolet light - Fluorescence free immersion oil • Transmitted illumination: - 6V/20W halogen bulb - Intensity adjustable; Condenser: - NA1.25 Abbe condenser - Built-in iris aperture diaphragm - Built-in swing-out filter holder - Rack and pinion adjustment; Focusing: - Coaxial coarse and fine focus knobs on both sides - Tension adjustable - Focusing stroke: 1-3/16inch (30mm) - Division of fine focusing: 0.002 mm; Stages - Mechanical double layer stage - Stain resistance - Large size, can hold two slides • Digital camera: - true color 4912x3684 pixels (18M pixels) - Super speed USB 3.0 connection - 0.5X reduction lens to get larger field of view - 0.01 mm calibration slide: 1mm/100 division - Frame speed: 5.6fps at 4912x3684, 18.1fps at 2456x1842, 32.2fps at 1228x922 - Software compatible with Windows, Mac OS X and Linux operating systems - Capturing microscope images, recording live video, measuring lengths, angles, areas, editing images - USB3 cable included 			
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Terms & Conditions.

1. The vendor must have to deposit the Tender Fee of Rs. 1000/- in NBP University Campus Branch through challan form or by depositing the prescribed fee in university online account "University of Malakand General Account", Account No. 3066927027. Original deposit slip must be attached.
2. The Vendor must have a valid NTN & STN Number.
3. The Bid Security, not exceeding 2% of quoted price, in the form of "CDR" in favor of Director Finance, University of Malakand is required to be submitted with the Bid, without which the offer shall be rejected being non -responsive.
4. The Vendor will have to submit an undertaking on stamp paper of Rs.50/- with documents regarding genuineness of the items.
5. The vendor will have to submit authorization certificate.
6. Item found broken or not according to the specification will be returned at the cost of the supplier.
7. 10% security will be deducted which will be released upon completion of warranty period duly supported by satisfactory report of the end-user.
8. Supply and Installation if any of the equipment will be completed within (60) days from the date of issue of purchase order and in case of delay 1% penalty per day up to maximum of 10% of the total cost will be charged from the firm.
9. All applicable taxes will be deducted as per government rules.
10. Extension shall be granted for maximum of 15 days in case of valid justification by the vendor.
11. The acceptance of the item will be subject to the inspection and approval of the end user.
12. Bids without supporting documents, undertaking, valid documentary evidence, and bids not conforming to terms and conditions given in these documents will be liable for rejection.
13. No supporting document will be accepted, at all, after opening of the Bid.
14. The University reserves the right to increase/decrease the No. of items or even cancel the tender.
15. In case the business of the vendor exists in Malakand Division and he/she claims tax exemption they will have to provide tax exemption certificate from the relevant authorities.
16. All charges such as carriage, installation and transportation etc will be paid by the supplier.
17. In case of any dispute the decision of the Vice Chancellor on recommendation of the Purchase Committee shall be final.

Secretary Purchase Committee for (Projects) University of Malakand.Ph:0945-9250512