



DC/Gen/F.No. 254/16/2025/04

03-01-25

Ref :

Date :

Notice Inviting Tender
Tender for DST FIST Program-2025

Sealed quotations are invited separately for each instrument under DST-FIST Program 2025. The tenders are to be sealed and submitted as hard copy on or before 1600hrs, Dtd; 12th of January, 2025, to the Office of the Principal, Darrang College, Tezpur., marked as “Tender for DST FIST Program-2025”.

SL NO	NAME OF THE INSTRUMENT
1	Digital UV-VIS Spectrophotometer with PC & Software
2	Gradient PCR
3	Laminar Air Flow
4	Thermal Cyclers
5	GEL-DOC System
6	Binocular Research Microscope with CCD- Device
7	SDS-PAGE

The following general terms and conditions will be applicable:

1. The tender must be in a two-bid system. All technical documents along with the supporting documents in conformity with the terms and conditions are to be uploaded by the bidder.
2. The rates should be quoted in Indian Rupee. Bidders should quote their rate inclusive of G.S.T. (if any).

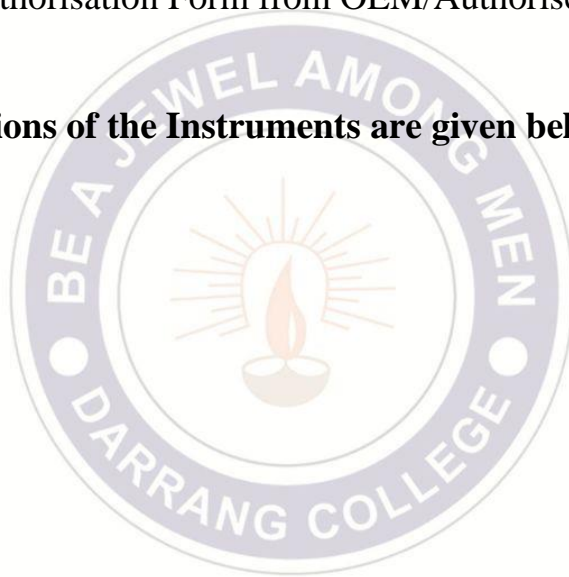



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3. Transportation charges should be incurred by the supplier.
4. Quoted rates should be valid at least for a period of six month.
5. The system must be installed at the places of Darrang College by the supplier or their Indian counterpart without any additional cost.
6. Warranty/Guarantee period should be specifically mentioned in the tender documents against each item.
7. Manufacture/s Authorisation Form from OEM/Authorised channel Partner must be submitted.

***NOTE: Specifications of the Instruments are given below**




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Specifications of the Instruments:

NAME OF THE INSTRUMENT	SPECIFICATIONS
Digital UV-VIS Spectrophotometer with PC & Software	<ul style="list-style-type: none"> * WAVELENGTH :190-1100NM; * Double Beam * Wavelength range 190 to 1,100 nm * Spectral bandwidth 1 nm (190 to 1,100 nm)
Gradient PCR	<ul style="list-style-type: none"> * Silver block system for 96 x 0.1/0.2 mL PCR Tube or One 96-well PCR plate * The system should have 2D Gradient for advanced PCR optimization, Fast temperature verification * Temperature control range: from 4 °C to 99°C * Temperature Control Mode: Fast, Intermediate, Standard and Safe * Adjustable ramp rate individually for heating & cooling from 0.1° C to meet critical amplification conditions .
Laminar Air Flow	<ul style="list-style-type: none"> * Work table top * Fully digitally controlled * Unidirectional flow of HEPA-filter.
Thermal Cycler	<ul style="list-style-type: none"> · Full aluminium block system for 96 x 0.1/0.2 mL PCR Tubes · System should support PCR reaction volume between 5-100µl in all the formats · Temperature control of block ranging from 4° C to 99° C · User level temperature verification of the system · Temperature Control Mode · System should have Heating ramp rate and Cooling ramp rate of both for heating & cooling · Time or Temperature increment with cycles in PCR program · Flexibility to transfer programs with constant parameters from other cycler models using Program Migration feature
GEL-DOC System	<ul style="list-style-type: none"> * System should have in-built touchscreen with Larger display for image acquisition, Protein visualization and further quantification, documentation and publication should have software. * System should have camera with minimum 5-megapixel true native resolution, extendable up to 20 megapixels * System should have built-in computer-controlled camera, lens, lighting, darkroom and interchangeable UV and Blue light table options * System should have UV Trans illuminator of dimension 26 x 21 cm FOV image area and Slide out Super Bright transilluminator to get background noise free images. * System should have Auto-exposure, manual-exposure and serial modes for image acquisition view mode

NAME OF THE INSTRUMENT	SPECIFICATIONS
Binocular Research Microscope with CCD- Device	<ul style="list-style-type: none"> * Complete with built-in LED illumination with universal SMPS power supply for mains * Objectives 4x, 10x, 40x (spring), 100x oil (spring), 360deg rotatable inclined wide field paired eyepiece WH10x (F.N.20), * Digital Camera with sensor for Video recording, * Built in calibration and measurement function,
SDS-PAGE	<ul style="list-style-type: none"> * Two slab gel 10x8, * Buffer chamber * Safety lid with cables * Aluminium notched plate * 10glass plate 1mm thick combs * A spacer of 1mm thickness * Dual gel cluster




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