

HSCC (INDIA) LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
E-6(A), sector-1, NOIDA(U.P) 201301

Date: 21.07.2025

To,
All Prospective Bidder's

AMENDMENT NO. - V

Subject: Tender for “Construction of Bio-Safety Level-3(BSL-3) Laboratory with Finishing Works, Equipment’s etc. along with its Testing, Commissioning, Validation and Certification on Turnkey Basis at AIIMS, Rishikesh including its Operation and Comprehensive Maintenance for Five Years on EPC Mode”.

Tender No: HSCC/AIIMS- Rishikesh/BSL-3 Laboratory/EPC/2025/116, dated: 23.06.2025

This has reference to above tender, the following Amendment may be noted which shall be treated as part of the contract to be uploaded & submitted along with their tender/ bid:

1). Refer “Make List of Laboratory Equipment” of Vol.-V (Technical Specification and Make list) of the Tender Document shall be as below:

Serial No of Lab Equipment	As per Existing Tender condition	As per this amendment
10	Centrifuge ST8R	Refrigerated Centrifuge
27	AKTA Pure Chromatography system	Chromatography system

Serial No of Lab Equipment	Name of Lab Equipment	Make as per existing Tender condition	As per this amendment
17	Nanodrop	ThermoFisher Scientific	Thermofisher / Analytikal Jena
18	DNA Extraction	Thermofisher Scientific	Thermofisher scientific/ Bio Rad/ Promega

2). Refer “Technical Specifications - Lab Equipment” of Vol.-V (Technical Specification and Make list) of the Tender Document shall be as below:

ITEM NO. 4: THERMAL CYCLER	Specifications as per Existing Tender condition	As per this amendment
	1. 3x32-Well thermal cycler that allows simultaneous control by three users to control three, 32 well independent blocks.	3x32-Well thermal cycler that allows simultaneous control by three users to control three, 32 well independent blocks or The instrument should have 96 Well reaction module, with interchangeable block option of gradient-enabled dual 48/48-well fast module that allows 2 independently controlled protocols to be run side by side in a single bay. The bidder may offer either configuration, provided it meets functional and performance requirements.

	2. Have option for Interchangeable 3x32 well block, 1x96 well block, 2x384 well block, 2xflat block, and 2x96 well block on the same system	The system should support 5 or more tool-free interchangeable reaction modules, including: 3×32-well block / 96-well / 384-well / dual 48/48-well gradient-enabled/flat blocks/etc.
	3. The instrument should be connected by Wi-Fi or LAN to the internet, and remote monitor run status by using a free mobile app.	No change
	4. The instrument should have touch-screen 8.4" with full VGA TFT color resolution which graphically shows the PCR method being programmed or ran.	The instrument should have a touch-screen display of minimum 8.0" size or higher, with color graphical interface capable of displaying the PCR method being programmed or run. Both VGA TFT and LCD technologies are acceptable.
	5. System should have Unique Veriflex blocks to precisely set target temperatures for PCR optimization. The 96-well sample block should provided with 6 independent zones for PCR optimization and the 3 x 32 well sample block and 2 x96 well block should be provided with 2 independent zones for each block.	The instrument should have block to precisely set target temperatures for optimal annealing temperature in a single PCR experiment by The 96-well sample block should allow to test 8 incubation temperatures at once for PCR optimization. Block option should be there with different independent zones for each block.
	6. The 96-well sample block should be with at least 6 separate Peltier-controlled blocks.	The instrument should use Peltier-based temperature control technology or the 96-well block should have at least 6 separate Peltier-controlled zones
	7. The instrument should be UL certified, ISO 9001 standards and temperatures calibrated to standards traceable to NIST	7. The instrument should be UL certified, ISO 9001 standards and temperatures calibrated to standards traceable to NIST & CE Certified.
ITEM NO. 5-ELISA READER(PR4100)	Specifications as per Existing Tender condition	As per this amendment
	Should have minimum wavelength range of 340–800 nm and photometric range of 0.000-4.000 Abs..	No Change

ITEM NO. 5: ELISA PLATE WASHER	Specifications as per Existing Tender condition	As per this amendment
	1. Should have the capability to wash flat, U or V bottomed 40- 96 well sample microplates or 8 strip plates.	Should have the capability to accommodate Flat, U or V or C bottomed 40-96 well samples microplates or 8 strip plates
	4.Should have more than 1000 program memory or more. And should have inbuilt keyboard.	No Change
	5. Should have low residual liquid, each well $\leq 0.5\mu\text{l}$.	No Change
	16. Should work with input 200 to 240Vac 50 Hz supply.	Should have input 100-240V, 50/60Hz supply
ITEM NO 9: CHEMI DOC	Specifications as per Existing Tender condition	As per this amendment
	System should have automatic motorized optical lens and motorized 7- position filter wheel allows for dye flexibility of different fluorescent stains	No Change
	System should have five sample positions for Chemiluminescence and chemifluorescence imaging	No Change
	System should have technology for automatic recognition of the sample position	No Change
	System should have Scientific Grade EVO-6 CCD camera with lens f/0.70 aperture are must for high sensitivity and extremely high level of resolution 16-bit image with 65,536 Grey levels	System should be equipped with a scientific-grade cooled CCD camera with a minimum of 6 megapixels, 16-bit image depth, and lens with aperture f/0.70 or better for high sensitivity and resolution
	System should have choice for various apertures from as big as f/0.70 up to as small as f/16	No Change
	System should have camera native resolution of 6.3 megapixels (2838 x	No Change

	2224) and 20 megapixels extended resolution	
	System should have USB 3.0 interface for faster image transfer to help image before signal gets weaker	No Change
	System should have High Sensitivity Reading (HSR) TM Technology for isolation of the electronic components of the camera during the light capture to avoid noise	System should include advanced imaging features such as autofocus, auto-exposure and low-noise technology to ensure optimal signal-to-noise ratio
	System should have a CCD Camera with -55°C maximum cooling differential from ambient and -30°C absolute and regulated cooling via three peltier stages	No Change
	System must have RGB emission filter as standard	No Change
	System should have upgradable option for Excitation sources NIR and IR must be a LASER Class II LED Spectra Capsule along with NIR & IR emission filters	No Change
	System must allow to perform repetitive serial mode imaging and the output must be series of images accompanied by Chemiluminescence signal kinetics graph and video kinetics for determining optimum exposure and image acquisition time point	No Change
	System should have Super Bright Technology to visualize faint bands thereby increased sensitivity with no visible light background while performing gel documentation	No Change
	System should have Apps Studio in the software with library of imaging protocols along with 3D Dynamic scan feature	No Change
Item no. 27 (Chromatography Pure 25L)	Specifications as per Existing Tender condition	As per this amendment

	Flow rate 0.001 to 25 ml/min (Normal Range), 0.01 to 50ml/min (Column Range)	Flow Rate: Up to 0.01–100 ml/min with optional pump
	Detection- UV/VIS - minimum 3 wavelengths from 190-700nm	Detection- UV/VIS-Up to 3–4 wavelengths (190–800 nm)
	Chromatography (ÄKTA pure 25 L)	Chromatography System
	Compliance: The product fulfils valid directives and standards when used within the conditions specified in the user manual. The product must also be used in the same state as it was delivered from Cytiva.	Stands deleted
Item no. 30	Specifications as per Existing Tender condition	As per this amendment
	Physical Specifications: • Weight: 13.6 kg • Dimensions (W × H × D): 43 × 46 × 38 cm (including calorimeter and wash station)	Stands deleted

The validity of Bid Security/ Earnest Money Deposit (EMD) to be submitted by the bidders with their bid in the form of Bank Guarantee (BG) shall be considered from the original due date of bid submission i.e., from 08.07.2025.

All other terms & conditions remain unchanged.

Prospective bidders are advised to regularly visit through HSCC e-tender portal <https://hsccltd.co.in> & HSCC website <http://www.hsccltd.co.in> as corrigendum/amendments etc. if any, will be notified on this portal only and no separate advertisement will be made for this.

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DGM (Engg.)/ ZIC,
HSCC (India) Ltd.