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No. F0/Compt./SKNAU/2024/ 3962

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Corrigendum

With reference to e-tender No.F0/Compt./SKNAU/2024/3797 dated 05.11.2024 SKNAU, Jobner. The following changes/amendments have been made by the competent authority in this e-tender.

1. All laboratory equipment's/electrical items must have latest CIBD/CDSCO/ISO/IEC/European CE certification (mentioned on Page No. 66 under Point No. 8 of Terms & Conditions).
2. The average turnover of the firm for last three years should be 03.00 crores only (Three Crores only) in place of 05.20 crores (Rupes Five Crores Twenty Lakhs Only) mentioned on Page No. 18 point No.11 under Instructions to the bidders.
3. The firm must have atleast 05 years experience in the field of laboratory equipments/other items in place of 03 years mentioned on Page No. 66 in e-tender (Serial No. 2 under Terms & Conditions). The firm must have supplied atleast 50 percent of total number of an item mentioned in the e-tender within last 05 years.
4. The experience/past supply certificate should be submitted on a Rs.100 /- non-judicial stamp paper (mentioned on Page No. 38 as BF-VI and also mentioned under other Requirements).
5. The firm will provide complete details of equipments/items in the form of manual/brochure to concerned constituent college before installation of the laboratory equipments with essential accessories (mentioned on Page No. 66 under Terms & Condition No. 9).
6. The firm will demonstrate the performance of equipments/items to the concern respective place and will have to submit the certificate of satisfactory supply/installation at the respective college (As mentioned on Page No.66 under point 9 Terms & Conditions) without any charges.
7. The changed/amended specifications have been provided in the Annexure-A. The corrections/amendments have been done by competent committee/authority (Contains 5 Pages).
8. The model of the equipment must be latest and working satisfactory which firm has to demonstrate at the respective place without any charges (also mentioned on Page No. 66 under Other Requirements).
9. The warranty of the various equipments will be of 02 years, in case of Computers, Photocopy Machine, Interactive Pannel, LCD/LED as per mentioned in the specifications (mentioned on Page No. 66 under Point No. 7 of Terms & Conditions).
10. All other terms and conditions of this e-tender will remain same.

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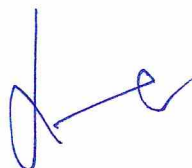
AMENDED/CHANGED SPECIFICATIONS OF LABORATORY EQUIPMENTS AND OTHER ITEMS (to be purchased from NAHEP Grant)

S.N	S.N. in tender document (Pg. No. 7-10)	Name of Equipment	Existing Specifications of equipment mentioned in e-tender	Amended/Changed Specification of the equipment (to be read in e-tender)
1	1	Automatic Vertical Autoclave	Inner Chamber: 304 SS (316 / 316L grades Stainless Steel – Optional).	Outer Chamber: Outer & Inner Chamber: 304 SS
2	5	Electrophoresis Apparatus	The Gel Electrophoresis Unit must have a Horizontal Electrophoresis along with a Power Pack Supply, combs and all accessories. Power Pack supply: one set with detachable electrodes. Buffer tank with single molding caster. Gel Caster: One universal gel caster and casting gates also. Combs with 16, 24, 28, 32 wells. Buffer volume range should be 1000 ml to 1500 ml. Approximate dimension 50 x 30 x 10 cm. Approximate Gel size 25x32 cm. Power Supply-As per Indian standard.	<ol style="list-style-type: none"> Should have a single moulded tank with safty lid and UV Transparent tray Should have UV transparent tray of minimum 15 x 10 and 15x15 cm with at least two slots for combs and printed fluourescent marker visible over UV-light Should have a sample throughput of up to 60 samples, at least two combs should be provided preferably one each of 15 and 20 wells Should have replaceable platinum electrodes Should have option of casting of gels inside the system without an external gel caster Should conform to CE standards Should have adjustable external gel caster Should be compatible for fast resolution of DNA (Bromophenol blue migration rate >4.5cm/hr at 75V) The electrophoresis system must be from the same manufacturer as the power pack for complete compatibility <p><u>Power Pack</u></p> <ol style="list-style-type: none"> Should have Output range (programmable) of 10–300 V, fully adjustable in 1 V steps and 4–400 mA, fully adjustable in 1 mA steps with 75 W maximum Should give Constant voltage, constant current with automatic crossover Should have 4 pairs recessed banana jack output terminals floating in parallel to run 4 systems at a time Should have a timer of 1–999 min, fully adjustable Should have pause/resume run function Should have LED Display Should have these Safety features: No-load detection, sudden load change detection, overload/short circuit protection, input line protection, auto power-up after power failure Should have input protection of fuse on both hot and neutral Should have a fan fitted at the back to keep the internal board cool

				10. Should conform to CE standards 11. The power pack must be from the same manufacturer as the electrophoresis system for complete compatibility
3	6	Gel Documentation System	System should have camera with 5-megapixel true native resolution <i>System should have UV pad for DNA/ RNA gels</i> System should have power requirements should be 220-240V with Power controlled voltage Stabilizer. System should have all necessary accessories.	System should have camera with 5-10 megapixel true native resolution, extendable up to 20 megapixels. <i>System should have UV pad for DNA/ RNA/Protein gels</i> System supplied with perpetual software with upgrade. System should have power requirements should be 220-240V with Power controlled voltage Stabilizer. System should have all necessary accessories.
4	7	Micropipettes	6 position pipettes stand from same manufacturer. Pipette System should ultra light system made of Fortan	5 to 6 position pipettes stand from same manufacturer. Pipette System should ultra light system made of Fortan/PVDF
5	8	Nano Drop	The spectrophotometer should be supplied with branded compatible computer system with Licenced Windows Professional Software.	System should also have perpetual software
6	10	Seed Germinator	Light: LED lights for lighting	Light: Both side exterior lights 3-3 in each chamber, Digital timer for light
7	12	Shaker (Rotary)	Speed: 0-360 rpm (digital display) Size: 50x38x22cm	Speed: 20-250 rpm (digital display) Platform Size: 20"X18"
8	15	Hot Air Oven	Capacity: 45 L	Capacity: 200-250 L
9	17	Laboratory Centrifuge	Speed: Medium to High, Maximum Speed 10000 rpm Body Material : Square MS Body	Speed: Medium to High, Maximum Speed 4000-8000 rpm Body Material: Square MS or ABS Body

10	23	Leaf area meter	Packaging Type: Carton Box, Sheet Size:3 Feet, Size/Dimension: 20mm	<ul style="list-style-type: none"> • Display TYPE and Display size : LCD, 9.7 Inch • Battery voltage : 16 volt and rechargeable • Data storage device : 32 GB • Record storage : >300000 • Camera resolution : 5MP • Interface : USB 3.0 • Scanning speed : >60 mm/sec. • Packaging Type: Carton Box. • Sheet Size : 3 FeetSize/Dimension: 20mm Material : Iron Thickness : 4mm Product Capacity : 1000 mm With micro computer technology, LCD displayer Easy to operate, can test the area without damage
11	24	Deep Freezer	Capacity* 175 Litres to1011 Litres	Capacity* 350-500 Litres
12	43	A4 black and White Laser jet Printer	Platen/Flatebed Size A4/Legal Life of Drum 100000	Platen- Legal Life of Drum 60000-100000
13	44	Printer Multi function colour with both side printing	RAM Size (MB) 320GB Minimum Speed per Minute in A3 Size - Mono (PPM) 13 PPM Minimum Speed per Minute in A3 Size - Colour (PPM) 13 PPM Life of Drum 300000 Control Panel 10.1 Inch (Touch) Total Main Tray Capacity 2*500	RAM 2 GB or Above. Minimum Speed per Minute in A3 Size - Mono (PPM) 12-13 PPM Minimum Speed per Minute in A3 Size - Colour (PPM) 12-13 PPM Life of Drum 200000-300000 Control Panel :- Touch Screen Total Main Tray Capacity 2*250
14	46	Compter i5	Processor Generation : 12 th Gen or Higher Display Size : 23.6	Processor Generation : 13 th or higher Generation Display Size : 23.8
15	47	Photo Copy Machine(MFP)	Copy Speed A4 23 CPM By Pass Tray 100 Sheets Toner Yield 13000 - 14000 pages Warm Up Time 18,8 seconds 7 First Copy Speed 5,7 seconds	Copy Speed A4 22 or above CPM By Pass Tray 250 or above Sheets Toner Yield 14000 or above pages Warm Up Time 25 or above seconds 7 First Copy Speed 7 or above seconds
16	48	LCD Digital 54"TV Display HDR 3D Technology Panel Type	LCD Digital 54"TV Display HDR 3D Technology	LCD Digital 55"TV Display HDR 3D Technology Panel Type Screen Resolution Sound : 20 Watts Output Dolby Audio, Smart TV Features: Google TV, Watchlist, Voice Search

		Screen Resolution	Sound : 20 Watts Output Dolby Audio eARC Input, Smart TV Features: Google TV, Watchlist	
17	50	Smart LED UHD Panel/TV 65 inch	Operating system: Tizen™ Smart	Operating system: Android
18	51	Digital refractometer	Range – Refractive Brix 0 to 85% Resolution – Brix 0,005% Temperature – 0,01°C Accuracy – Brix ± 0,010%	Range – Refractive Brix 0 to 85% Resolution – Brix 0.1% Temperature – 0.01°C Accuracy – Brix ± 0.2% +-
19	61	BOD Incubator	Temperature Range: 05 °C to 70°C, Temperature Controller: Microprocessor Based PID Controller	Temperature Range: 05 °C to 60°C, Temperature Controller: Microprocessor Based PID Controller with digital display
20	62	Incubator	Temperature range 35°C above ambient to 60°C with temperature accuracy ± 10 °C Thermometer access hole to display inside temperature	Temperature range 5°C above ambient to 60°C with temperature accuracy ± 05 °C Temperature should be controlled by best quality digital display
21	65	Growth Chamber	No size mentioned No Capacity mentioned	Size : 20”X20”X30”, Capacity: 300-700 Liters
22	66	Block Digestion System	Hole Size: 100-150 mm depth X 38mm die	Hole Size: 50-80 mm depth X 38mm die
23	68	Incubator cum hatcher	Capacity-1000 Humidity Controller- Temperature and humidity Controller	Capacity-1000 eggs Humidity Controller- Digital Temperature and humidity Controller
24	69	Milk Analyser (automatic)	Model No: MilkoScan™ FT3 Parameters: Global calibrations: Fat, protein, lactose	Parameters: Global calibrations: Fat, protein, lactose (incl, low lactose products), total solids, solids non-fat, freezing point, titratable acidity, density, free fatty acids, citric acids, casein, urea, sucrose, glucose, fructose and galactose, Targeted and untargeted adulteration screening,




			(incl, low lactose products), total solids, solids non-fat, freezing point, titratable acidity, density, free fatty acids, citric acids, casein, urea, sucrose, glucose, fructose and galactose, Targeted and untargeted adulteration screening, Usage/Application: Laboratory Use Weight: 43 kg Accuracy: <1,0% CV (F, P, L, TS) (guaranteed) Automation Grade: Semi-Automatic	Usage/Application: Laboratory Use Accuracy: <1.0% CV (F, P, L, TS) (guaranteed) Automation Grade: Semi-Automatic
25	73	Interactive Panel (86 inch)	Android 11	Interactive Board Size: 86 inches-4K UHD LED touch panel : Android 11, 4GB RAM/ 32 GB ROM: Commercial A Grade Panel: Resolution 3840(H)x2160(V),4 mm thick anti-glare, frequency 60 Hz: Speaker 2x15 watt: Touch specification: Non-contact infrared sensing technology with wireless system: CPU/OPS core i5 with 512GB SSD all essential accessories required for proper function of panel. With installation at laboratory. With one year warranty.
26	74	Refrigerator	Total capacity-415 liters	Total capacity-450-650 liters




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