Corrigendum

COETC/RARI/2026/157 28.02.2026

As per the Pre-bid meeting held on 24th Feb 2026 and representations received by prospective bidders and recommendations of committee following changes are being done:

Tender reference no – COETC/RARI/2026/150

Tender for plant tissue culture lab and protected structures with supply installation and commissioning of laboratory equipments on turnkey basis.

1- Page no 4 para no 3 should be re-read as:

A pre-bid meeting will be held as per above schedule *i.e.*, on Dated 24.02.2026 at 11:00 AM in the Office of the Project Incharge, COETC, RARI Durgapura 302018. to clarify and answer the queries on any other matter related to this bid.

2- Last date and time for receipt for bid document will be 11.03.2026 upto 2 pm and technical bids shall be opened at 11.00 AM on dated 12.03.2026. It should be considered as revised date where ever written in tender document.

3- Section 2 page no 12 of tender documents should be re-read as:

S. N.	Item	Approxi-mate Quantity	Approximate Cost Lakh (Rs.)	Estimated Cost in (Rs.)	Earnest Money @ 02% of Estimated Cost (Rs)
A.	Construction of Plant Tissue Culture Laboratory Building (G+1) as per given Plan	13800 Sqft	462.25 (30.81% of total cost)	1500.00 Lakh	30 Lakh
B.	Supply, Installation and Commissioning of Laboratory Equipments and Glasswares	As per tender document	767.75 (51.19% of total cost)		
C.	Superstructure work:		(18% of total cost)		
1.	Creation of Polyhouse with Mist Chamber Structures	550 Sqm	50		
2.	Greenhouse for Hardening	500	50		

	of tissue cultured plant – Each unit: 500 sqm– 2 Units	Sqm 500 Sqm			
3.	Aeroponics Facility with fully automated fertigation system for production of virus free mini-tubers in potato	500 Sqm	170		

(**Deleting**: Hitech Greenhouse structures, Agroshade net house and insect proof net house. Polyhouse with mist chamber structure size will be 550 sqm. Pls consider it wherever in tender document.

4- Page no 14 para no 3: delete- **Medical gas pipeline work.**

5. **Payments:**

Based upon quantity of activity and on the basis of total rates and premium allowed in the award with following breakup -

Phase	**Stage description**	**% of payment**
Activity 1 Construction of Building (30.81% of total cost)	Approval of Master Plan & Preliminary Drawings: Submission & approval of Concept Design, Site Layout, Compliance Drawings, Project Execution Plan, soil investigation report, and movement of raw material for building	20
	Foundation & Substructure Completion (Excavation, PCC, RCC footings, plinth beam, backfilling) for building	20
	RCC framework & casting for ground floor	10
	RCC framework & casting for first floor	10
	MEP and Interior Finishing (Flooring, false ceiling, wall finishing, doors/windows, façade	20
	Final Handover of building	20
		100%
Activity 2 Construction	Movement of Raw material and frame erection.	40%

of Superstructure (Polyhouse, Aeroponics) work (18% of total cost)	Poly/net fixed and irrigation installed of superstructure (Polyhouse, Aeroponics) work.	40%
	Automation completion of superstructure (Polyhouse, Aeroponics) work and final handover	20%
		100%
Activity 3 Supply of Equipments (51.19% of total cost)	On receipt of equipments at site and delivery challan (Equipment receiving will be done only after building structure is complete)	50%
	Installation of all equipmentsglasswares and physical verification by University.	30%
	Final Handover and commissioning of equipments in working condition	20%
		100%

6- Page no 31- re-read as

4	Electronic Weighing Balance (Readability: upto 500g)	2
13	600- 700 Ltr Refrigerator Vertical (4°C temperature range)	3
16	Hot Air oven (Capacity 100 liter.)	4
56	Cooling Incubator (BOD)	01

7- Total facility area will be 13800 sq feet.

8-ADDITIONAL FINISHING SPECIFICATIONS

S. No.	Item	Specification
1	Wall–Floor Coving	7.5 mm epoxy radius coving for sterile rooms
2	Skirting	10 mm epoxy / tile skirting

Singh

9- Detailed Specification/ Suggested Make of Plant Tissue Culture Laboratory Equipment's:-

1	Autoclave - High Pressure Horizontal Rectangular Double Door Sterilizer	Thermolab/ Bionexis/ PSI/Krew
2	Autoclave Vertical with Pulley Set	Narang Medical Ltd./Thymol Autoclave India/ PSI/Krew
3	Analytical balance	Mettler Toledo/Sartorius/wenser
4	Electronic Weighing Balance	Wenser/Mettler Toledo/ Sartorius
10	RO + DM Water Unit	Acroama Water Treatment System and Raindrops Water Technologies or equivalent
11	Media Boiler	Thermax and Forbes Marshall/PSI or equivalent
12	Media Dispenser	Systec GmbH/ and Integra Biosciences AG or equivalent/Reva
20	Laminar Air Flow (Horizontal)	Saisamarth Scientific/ Krew/ Tekbio/Protech
25	Growth Racks with LED Light	Fluortronix Innovations Private Limited and Nexsel Future Pvt. Ltd or equivalent/Sai Samarth/Raddos
34	Trolleys	Raddos/Saisamrth/Tekbio
35	Deep Freezer vertical (- 20C)	Remi/Celfrost/ Truefrost/Vr Scientific Instruments
38	Media Storage Rack	Sai Samarth/ Fusiontek /Raddos
PLASTIC WARE		Make: LABSOLTarsons /Microtech Polymers
Glassware		Borosil and Biohall or equivalent
Furniture and Office supplies		Godrej / Cell bell/Raddos or equivalent

10- Detailed specifications: Molecular Lab

B Molecular Lab			
1	Celfrost / Truefrost/ Haier	**Upright Deep Freezer (-80 degree C) approx. 410 Ltrs** The deep freezer shall be an upright **–80°C ultra-low temperature freezer** with a minimum temperature range of –50°C to –86°C suitable for long-term	01

		biological sample storage. The system should be supplied with stainless steel inner chamber, lockable insulated doors, storage racks, voltage stabilizer compatibility, and minimum one-year comprehensive warranty. It shall have audio-visual alarms for high/low temperature, power failure, door open, and sensor malfunction with battery backup facility.	
2	Biorad/Thermo	**RTPCR Machine** The system shall be a **96-well real-time PCR instrument** with 0.2 mL block format supporting validated reaction volumes of 10–100 µL and temperature range of 4–99.9°C with Peltier-based heating and cooling.It shall include bright-white LED excitation, CMOS camera detection with minimum six decoupled optical filters, excitation range 450–680 nm and detection range 500–730 nm for multiplex fluorescence analysis. The instrument must provide fast ramp rate (up to 6.5°C/sec), temperature accuracy ±0.25°C, uniformity ±0.5°C, gradient function, automated lid operation, and interruption recovery during runs.The system shall support fast and standard chemistries, minimum 5-plex multiplexing, detection sensitivity up to single copy, wide dynamic range, positional bias elimination, and compatibility with common fluorophores (FAM, SYBR Green, VIC, ROX, Cy5 or equivalent). Supplied software shall support multiplex amplification, melt curve, gene expression and allelic discrimination analysis with 21 CFR Part 11 compliance, along with computer (Intel i5 or higher), printer, and 2 kVA UPS with minimum 60-minute backup.	01
3	Eppendorf/ Neuation	□ The centrifuge shall be a **bench-top high-speed microcentrifuge** equivalent to Eppendorf Centrifuge 5430 R with maximum speed up to **17,500 rpm** and minimum **30,000 × g RCF** capacity. □ The system shall support multiple rotor options accommodating microtubes (0.2–2.0 mL), 15/50 mL tubes, and microplate/deep-well plates with automatic rotor recognition and imbalance detection. □ The refrigerated model shall provide temperature control from **–11°C to +40°C**, brushless maintenance-free motor, electronic lid lock, and low noise operation (<54 dB). □ The centrifuge must include user-friendly digital	02

		interface with programmable operation, storage of user programs, rapid acceleration/deceleration, and aerosol-tight QuickLock® rotor system or equivalent safety mechanism. □ The unit shall be CE/ISO certified and supplied with suitable rotors, installation, demonstration, and minimum **two-year comprehensive warranty** from authorized service provider.	
4	Tekbio/ Krew/ Everflow Scientific Instruments and Fortuna Technology	**Water Bath Shaker** □ The equipment shall be a **laboratory shaking water bath** with working capacity of **20–40 liters (approx. 25±2 L)** and temperature range from **ambient +5°C to 95°C or better**. □ The system shall provide microprocessor-based PID temperature control with digital LED/LCD display having temperature accuracy of ±0.5°C or better and uniformity within ±0.5°C. □ The unit shall incorporate **orbital or reciprocating shaking motion** with adjustable speed range of **20–250 RPM** and shaking amplitude between **10–25 mm**, along with digital timer facility (0–99 h 59 min). □ Inner chamber and shaking platform shall be made of **SS-304 stainless steel**, with powder-coated mild steel outer body and stainless steel gabled lid to prevent condensation dripping. □ The equipment must include safety features such as over-temperature protection, low water level cut-off, alarm system, drainage outlet, and minimum one-year comprehensive warranty with installation support	01
5	Remi/ Thermo Fisher/Neuation	**Cyclo mixer / Vortex 2000ML** □ The equipment shall be a **microprocessor-controlled or motor-driven vortex mixer** providing orbital mixing motion with variable speed range of **0–2500/3000 RPM** and approximately **4 mm orbit diameter**. □ The vortex mixer shall support **continuous and touch operation modes**, suitable for mixing tubes, bottles, and containers up to **2 L capacity** with heavy-duty continuous-duty motor. □ The unit shall include interchangeable attachments such	01

		as general-purpose cup head, flask/bottle holder, and microtube attachment for multiple tube sizes.	
6	Remi/Tekbio/ Elektrotechnik Limited/ IgeneLabserve Private Limited	**Cooling Incubator (BOD)** □ The equipment shall be a **microprocessor-controlled laboratory/BOD incubator** with temperature range of **5°C to 60°C (or better)** using PID-based digital temperature control system. □ The incubator shall provide temperature accuracy of **±0.5°C or better** with uniformity within **±0.5°C to ±2.0°C**, supported by forced air circulation for uniform temperature distribution. □ Inner chamber shall be made of **AISI 304 stainless steel** with rounded corners and insulated using minimum **75 mm CFC-free PUF insulation** for efficient thermal performance.	01
7	Bio-Rad Laboratories/ Syngene/ Thermo Fisher Scientific	**Gel Documentation System** □ The system shall be a **versatile gel documentation system** suitable for DNA, RNA, protein gel, and blot imaging applications with minimum **5 MP high-resolution camera** and ≥16-bit pixel depth with 65,536 gray scale levels. □ The unit shall be equipped with **motorized zoom lens (F1.2 or better)** and slide-out UV transilluminator of minimum **20 × 20 cm viewing area** with 302 nm UV illumination. □ The system shall include integrated touchscreen with built-in processor enabling standalone image capture, editing, and direct image storage to USB device without external computer requirement. □ The equipment must provide multiple illumination modes including UV transillumination, EPI white LED illumination, UV-to-visible conversion screen, and optional blue light conversion for safe dyes. □ Supplied software shall support automated lane and band detection, molecular weight analysis, application-based imaging setup, and incorporate UV safety interlock to prevent accidental exposure, with minimum one-year	01

		warranty and installation support.	
8	Eppendorf/ Thermo/Biorad	**Thermal cycler** Modular, multi-block thermal cycler, Block Configurations (Interchangeable), 2 × 96-well (0.2 mL) blocks2 × Flat Blocks for OpenArray™ plates, Single 96-well (0.2 mL) block,: Temperature range: 0°C to 100°C, Maximum ramp rate: 6.0°C/sec, Average ramp rate: 3.0°C/sec, Temperature accuracy: ±0.25°C, Temperature uniformity: ±0.5°, Up to 6 independent temperature zones for gradient PCR, Supports 10–100 µL reaction volumes, Touchscreen control panel: ≥8.0-inch color touchscreen interface, Built-in protocol simulation: Supports replication of other thermal cycler ramp rates, Remote access: Web and cloud-enabled interface for programming and monitoring, Connectivity ports: USB, Ethernet, Wi-Fi, Power supply: Compatible with 220–240V AC , System must support: Method creation, Data export via USB, Device calibration via software.	01
9	Samsug/LG	**Refrigerator-400 Ltrs , -4 degree temp. range** **vertical laboratory-grade design** with a temperature range of **2°C to 8°C** Digital temperature controller with LED/LCD display, temperature accuracy of ±0.5°C to 1°C, and an integrated alarm system for temperature deviations or power failure	01
10	Labtron/PSI/Krew	**Refrigerated Circulating bath 6Ltrs** The equipment shall be a refrigerated circulating water bath with nominal capacity of approximately 6 liters and temperature range from –20°C to +100°C or better. The system shall provide microprocessor-based PID temperature control with accuracy of ±0.1°C, stability up to ±0.05–0.1°C, and digital LED/LCD display with minimum 0.1°C resolution. The unit shall have combined heating (1000–1500 W) and refrigeration system with cooling capacity of approximately 300–400 W, ensuring rapid temperature stabilization.	01
11	Biorad/Tekbio	**Gel Electrophoresis system** Gel tray size: Minimum 14 × 16 cm or larger (expandable to 14 × 20 cm or 14 × 25 cm with optional trays), Sample capacity: ≥100 samples per run (using multiple combs), Gel casting system: Integrated leak-proof system; no need	01

		for taping or sealing Construction material: UV-transparent, high-impact acrylic or equivalent. Electrode system: Embedded platinum electrodes; corrosion-resistant and replaceable, Multigel capacity: Allows simultaneous casting and running of two or more gels, Buffer volume range: 1.5 to 3.5 liters (adjustable depending on tray size) Chamber design: Low-buffer volume for cost-effective runs, yet wide format for heat dissipation, Safety lid: Locking safety lid with attached leads for enhanced user safety. Color-coded electrodes: Clearly marked anode (red) and cathode (black) Built-in bubble level for platform adjustment, Tray compatibility: Must include or support multiple tray sizes: 14 × 16 cm,14 × 20 cm,14 × 25 cm,Comb options: Includes combs for high-throughput:,,≥2 × 50-well combs (1 mm or 1.5 mm thick), Additional combs for 20, 30, or 40 wells per row, Well format: Configurable for both wide and deep wells, Max voltage: ≥150 V ,Max current: ≥400 mA,	
12	Sartorius/Wenser	**Analytical Weighing Balance** Digital Display / top loading, Better than 0.001 g readability / precision, Linearity 0.2 mg, More than 200 g capacity, With balance to PC cable	01
13	PSI/Tekbio/Krew	**Shaking Incubator** The equipment shall be an **integrated orbital shaking incubator** with SS-304/316 inner chamber, powder-coated mild steel outer body, double-walled front door with tempered glass viewing window, and high-density PUF insulation. The unit shall provide temperature range of **ambient +5°C to 60–70°C** with microprocessor-based PID controller, temperature accuracy up to **±0.5°C**, uniformity ±0.5°C, and forced air circulation system. The incubator shall incorporate **orbital shaking mechanism** driven by maintenance-free brushless motor with adjustable speed range **30–300 RPM** and stainless-steel universal platform with interchangeable flask clamps.	01
14	PSI/Tekbio/Krew	**Vertical Cylindrical Autoclave -100 Ltrs** Capacity 100 - 120 Ltr With double wall construction and inner outer and• carriers corrosion resistant Stainless Steel grade 304 Sheets to be argon welded ground and polished and to• be of service free internal Operating temperature	01

		121±3°C• Temperature accuracy ±0.5°C at 120°C• Lid, flanges ,fly screw, crosspin ,heater cover stand• S.S. 304, outlet valve for cleaning With temperature calibration function•& high temperature and pressure resistant silicon gasket Should be electrically heated by means of I.S.I. quality• immersion heaters with working pressure 15 PSI. With hydraulically single lever handy-rise open• device Should have CE certified built in analog pressure gauge•with 0-400 psi for indicating actual pressure With two Nos. safety valve and one manual exhaust• valve, quick release coupling and handle with heater cover stand PID Controller must have temperature cum timer• display and 0.1o resolution With Auto Purging•& Exhaust (Solenoid Valve), Water level digital , backlit LCD display for all information including process and set value	
15	Sai Samarth/Tekbio / Krew	**Laminar Airflow -double seater** The unit shall be a double-seated Horizontal Laminar Air Flow workstation of approximate size 6' × 2' × 2', providing ISO-class clean air environment with airflow velocity 0.45 ± 0.1 m/s and noise level below 70 dB. The system shall be equipped with mini-pleat HEPA filters having minimum 99.99% efficiency at 0.3 µm particle size, along with pre-filters (90% efficiency up to 10 µm) for effective air purification. The workstation shall include vibration-free motor–blower assembly with ¼ HP motor, aluminum anodized impellers, and spring suspension mounting for low noise and smooth operation. Working chamber shall consist of SS-304 work table, toughened glass side panels, powder-coated MS outer body, LED illumination (≥800 lux), UV germicidal lamp, and microcontroller-based control panel with hour meter.	01
16	Sartorius/ Wenser	**Weighing Balance** The balance shall have **minimum capacity of 250–320 g** with readability (least count) of **0.1 mg** and fast stabilization time of **≤5 seconds**.	01
17	Bluestar/Celfrost /Trufrost	**Deep Freezer (-20 degree C) approx. 245 Ltrs** The equipment shall be a **vertical deep freezer** with storage capacity of approximately **240–250 liters** and operating temperature range up to **–20°C or lower**. The freezer shall be equipped with **microprocessor-based digital temperature controller** with LED/LCD display and temperature accuracy of ±2°C or better.	01
18	PSI/Tekbio	**Waterwath 8 Ltrs (without racks and Thermometer)**	01

		The equipment shall be a digital laboratory water bath with minimum 8-liter capacity suitable for routine laboratory incubation and heating applications. The unit shall provide temperature range from ambient +5°C to 95–100°C with microprocessor-based PID temperature controller and digital LED/LCD display. Temperature accuracy shall be ±0.5°C or better with uniform heating ensured through efficient heating system and proper circulation.	
19	Millipore/ Sigma/ Thermo Fisher Scientific	**Type-III molecular grade water purifier** The system shall produce ASTM Type-III / ISO 3696 Grade-3 laboratory water with conductivity ≤20 µS/cm (or better), effective removal of ions, organics, bacteria, and particles using final ≤0.2 µm filtration. Purification technology shall include pre-treatment cartridge, activated carbon filtration, and high-efficiency Reverse Osmosis (RO) module, configured as compact bench-top or wall-mounted unit. The unit shall be provided with 30–40 L HDPE storage reservoir with automatic level control, recirculation facility for maintaining water quality, and digital display for conductivity, resistivity, and temperature monitoring. The system shall deliver minimum 8–10 L/hour production rate with adjustable dispensing up to 2 L/min and volumetric dispensing facility, along with alarms for cartridge/membrane replacement and system safety monitoring. The equipment shall operate on potable tap water supply (1–6 bar pressure), include data logging facility, automatic sanitization, required accessories, on-site installation, and minimum one-year comprehensive warranty, compliant with ISO/CE standards.	01
20	Remi/Neuation	**Vortex shaker** The equipment will be used for agitation and quick mixing of samples in tubes, flasks or small containers. The speed range should be atleast 200-3000RPM with adjustment knob for controlling the speed. The equipment should allow for both continuous hand free vertexing as well as touch mode for quick, intermittent mixing by pressing down on mixer's platform. The equipment should be equipped with interchangeable tops with single tube mode, microcentrifuge tubes, as well as microplates. The vortexer should have an anti-slip base to prevent movement during operation especially at high speeds, and should operate with minimum noise	01

21	Samsung/LG	**Refrigerator - Vertical 400 Ltrs** Temperature range: 2-8°C Style type: Vertical Capacity: 400 Liters. Dimensions (in Inches): 22-28(W)x20-24(D)x70-80(H). Digital controller	01
22	Thermo Fisher Scientific/ DeNovix/ Blueray	**Nano drop / Spectro** Type: Microvolume (pedestal) + cuvette spectrophotometer. Control: Touchscreen + PC-controlled via NanoDrop PC Software, Measurement modes: Pedestal + cuvette, Sample volume (pedestal): 1–2 µL, Sample volume (cuvette): ≥500 µL Measurement time: <8 seconds, Wavelength range: 190–850 nm Wavelength accuracy: ±1 nm, Spectral resolution: ≤1.8 nm (FWHM at Hg 254 nm), Absorbance range: Pedestal: 0.04 to 550 A (10 mm equivalent), Cuvette: 0 to 1.5 A, Detection limit (dsDNA): Pedestal: 2 ng/µL, Cuvette: 0.2 ng/µL, Max concentration (dsDNA): Pedestal: 27,500 ng/µL, Cuvette: 750 ng/µL, Supported analytes: dsDNA, ssDNA, RNA, oligonucleotides, proteins, Purity ratios: A260/A280, A260/A230	01
23	Bio-Rad Laboratories and Thermo Fisher Scientific	**Electrophoresis Unit with Power Pack** The system shall be an advanced gel documentation and chemiluminescence imaging system capable of detecting applications including chemiluminescence, fluorescence, stain-free protein gels, DNA/RNA gels, and dyes such as Ethidium Bromide, SYBR Safe/Gold, Coomassie Blue, FITC, Texas Red, Cy2, PicoGreen, SYPRO Ruby, and equivalent fluorophores. The instrument shall be equipped with true 16-bit cooled CCD camera (≥4 MP resolution) having pixel size ≥6.45 × 6.45 µm, dynamic range ≥4 orders of magnitude, and Peltier cooling up to –30°C absolute or –50°C below ambient. The system shall include motorized zoom lens (C-mount, f/1.2) with autofocus, automatic iris control, flat-field correction, and multiple illumination sources including trans-UV, trans-white, epi-white, and optional trans-blue light for safe dye applications. The imaging chamber shall support sample size ≥28 × 36 cm, incorporate slide-out UV transilluminator, automatic exposure optimization (Signal Accumulation Mode), and capability for stain-free gel and blot imaging with total protein normalization.	01

		The system shall be supplied with integrated image acquisition and analysis software (license-free for multiple computers), publication-ready image export, required demonstration kits, compatible computer system, CE/EN61010 certified safety compliance, installation, training, and minimum one-year comprehensive warranty.	
24	IKA / PRO Scientific	**Genogrinder** Fast and efficient extraction of nucleic acids, proteins and other molecules • Disruption principle: High-speed shaking of samples in 1.5 ml or 2.0 ml microtubes with stainless steel or glass beads • Kits compatibility: All kits to work for purifying RNA/DNA/Protein • LID: Double-locking lid for safe operation • Operation: Sound insulation and suspension system for quiet, vibration-free operation • Clamp: Fully adjustable clamp for simple front loading of vials or microplates • Sample visibility: Interior LED lighting and large window for clear sample visibility • Throughput: 2 x 96 collection microtubes (1.5ml) or 2 x 24 microtubes (2ml) • Sample processing time: 1-2 minutes • Adjustable clamp speed: 500 to 1700 stokes / min	01
25	Thermo Fisher Scientific and Syngene	**Transilluminator** The unit shall be a **UV Transilluminator** suitable for visualization of DNA/RNA gels stained with Ethidium Bromide, SYBR Safe, or equivalent dyes. The system shall provide **UV wavelength of 302 nm (or multiple wavelength option)** with uniform illumination area of minimum **20 × 20 cm**.	01
26	Thermo Fisher Scientific/Neuation/ Eppendorf	**Micro Centrifuge Machine** The equipment shall be a bench-top microcentrifuge capable of achieving maximum speed of ≥15,000 rpm with relative centrifugal force (RCF) of ≥20,000 × g. The centrifuge shall accommodate minimum 12–24 tubes of 1.5/2.0 mL capacity with aerosol-tight rotor and automatic rotor recognition facility. The system shall have microprocessor-based digital control with adjustable speed, timer, and LCD/LED display for RPM/RCF and run time settings.	01
27	Milli-Q (Merck KGaA) and Thermo Fisher Scientific	**Water Purification System Type 3 and Type 1** The system shall produce ASTM Type-I ultrapure water and ASTM Type-III purified water from a single integrated unit using potable tap water as feed source. The unit shall include integrated pretreatment module with booster pump, water softener, activated carbon filtration, and customized pretreatment based on feed water quality to ensure long membrane life and reduced operating cost.	01

		Purification technology shall comprise reverse osmosis, ion exchange, activated carbon adsorption, optional UV irradiation, and final 0.2 µm sterile filtration for removal of ions, organics, particles, and microorganisms. Type-III water quality shall provide output up to 8 L/hour, conductivity ≤20 µS/cm with ≥98% ion rejection and integrated 5–8 L storage reservoir; Type-I water shall deliver 18.2 MΩ·cm resistivity, conductivity 0.055 µS/cm, TOC <5 ppb, and microbial count <1 CFU/1000 mL. The system shall support feed water conductivity up to 1500 µS/cm, provide dispensing flow up to 1 L/min, suitable for daily consumption up to 10 L ultrapure water, and be supplied with installation, accessories, and minimum one-year comprehensive warranty.	
28	Eppendorf/ Thermo scientific	**Micro Pipette set** 1) 0.2-5 µl 2) 0.5-10 µl 3) 2.0-20 µl 4) 10.0-100 µl 5) 20.0-200 µl 6) 100-1000µl	02 set
29	PSI/Krew	**Rotary Shaker** The equipment shall be a laboratory rotary shaker with variable speed range of 20–250 RPM or better. The shaker shall provide orbital shaking motion with adjustable platform suitable for flasks and bottles. The unit shall have digital speed control with timer facility for continuous and timed operation.	01
30.	Biosafety Cabinet	Foot Class II BSC Specifications Dimensions: Nominal Width: 4 feet Internal Working Width: Approximately 46–49 inches Interior Materials: Single-piece Grade 304 stainless steel with coved corners. Airflow and Filtration: Type: Class II, Type A2 (30% exhaust, 70% recirculation). Filters: H14 HEPA/ULPA filters (99.995% or 99.999% efficiency at Velocity: Inflow Downflow Safety and Construction: Sash: Motorized or manual tempered glass, typically with	02

		an 8-inch or 10-inch working sash opening. Controller: Digital microprocessor with LED/LCD display for velocity and alarms. Lighting: UV lamp with timer and LED/fluorescent lighting	

Delete- Item no 7- GEL Documentation System as its repeated.

11- PRIMARY HARDENING FACILITY- Rajdeep/Sheel/Saveer/Dharni/Jain

12- SECONDARY HARDENING UNIT- Rajdeep/Sheel/Saveer/Dharni/Jain

13-AEROPONIC MULTI-SPAN GREENHOUSE FACILITY- Rajdeep/Sheel/Saveer/Dharni/Jain

14- Eligibility Criteria :

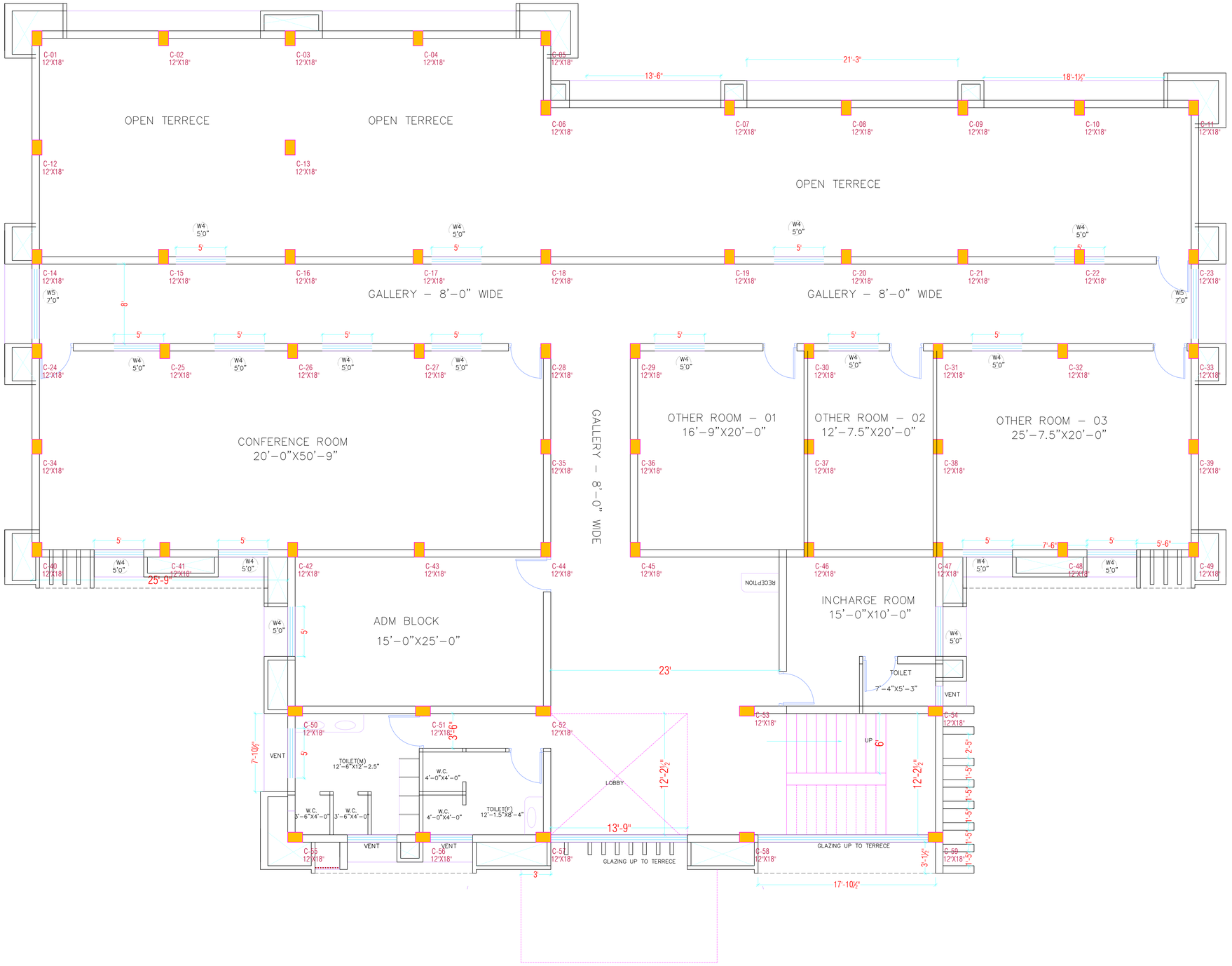
A- Turnover Required: Bidder should have average financial turnover at-least 33% of the cost of work ending financial year 2025.

B- Net worth: It should be positive at the time of submission of bid.

C- Past Experience:
Bidder should have completed atleast ONE similar work not less than 60% of the estimated contract value in last 3 years
Or
Bidder should have completed atleast TWO similar work not less than 40% of the estimated contract value in last 3 years.
Or
Bidder should have completed atleast THREE similar work not less than 30% of the estimated contract value in last 3 years.

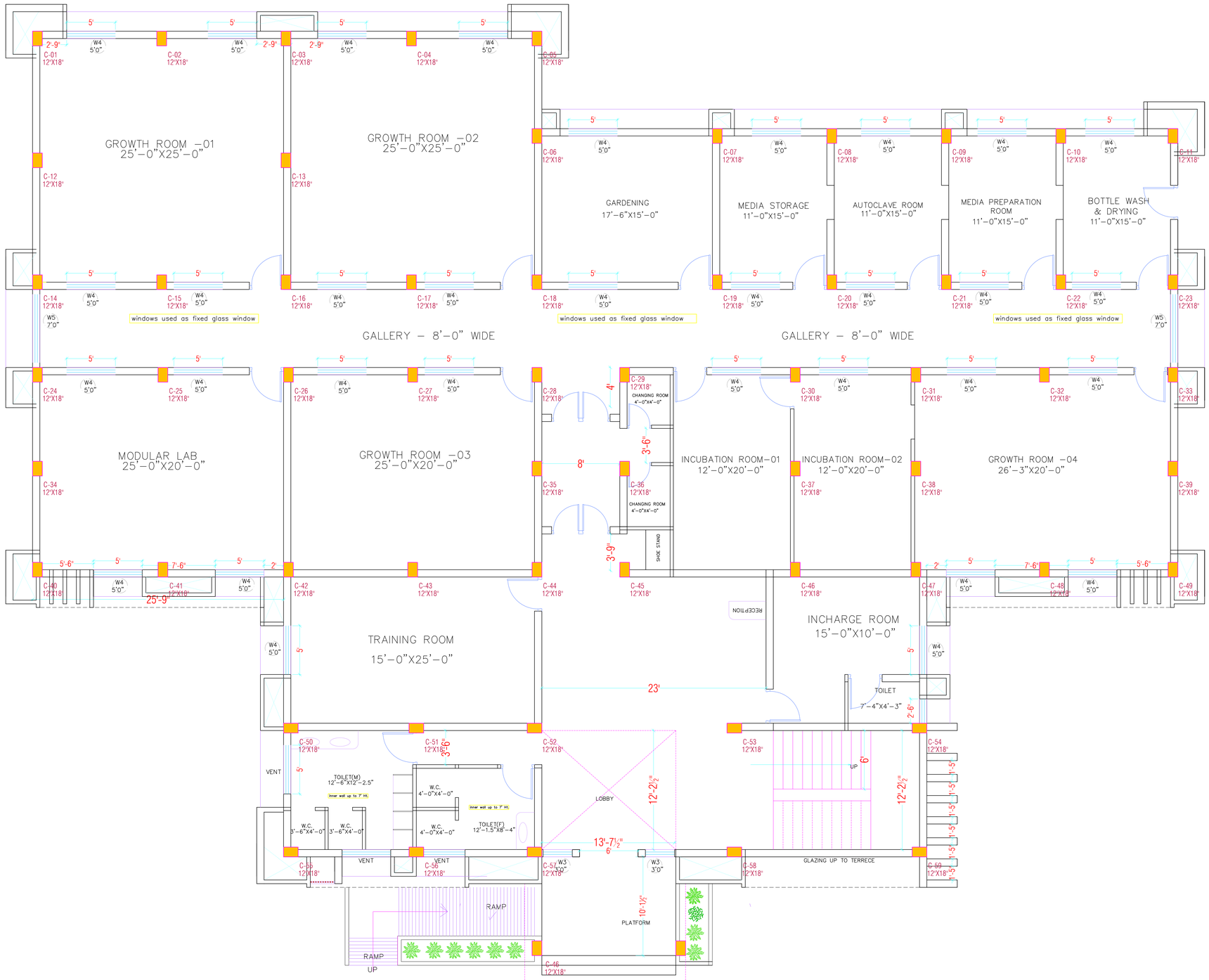
D- Similar Work:

Similar work: means any lab setup (Agriculture/ Healthcare/ Institution *etc*) in government including civil work, electrical work, sanitary work, HVAC along with lab equipments and furniture in a single contract with successful completion.



FIRST FLOOR PLAN

CLIENT – ESTATE OFFICER SKNAU,JOBNER (RAJ.)	NAME OF PROJECT:– CONST. OF COETC PLANT TISSUE CULTURE LABORATORY AT RARI ,DURGAPURA ,JAIPUR (RAJ.)	NAME OF DRAWING:– FIRST FLOOR PLAN	PROJECT NO. DRAWING NO. NORTH DEALT BY:– VIJAY SINGH SCALE DATE	CONSULTNT:– EARTHMAP CONSULTANCY PVT. LTD H.O.259,KEASAR NAGAR,SANGANER,JAIPUR B.O.376,ANANTPURA,KOTA(RAJ.) MOB. 8005570985 Email – earthmapconsultancy@gmail.com



GROUND FLOOR PLAN

NOTE –

1. EPOXY FLOORING USED
2. Windows used as fixed glass window

CLIENT – ESTATE OFFICER SKNAU,JOBNER (RAJ.)	NAME OF PROJECT:– CONST. OF COETC PLANT TISSUE CULTURE LABORATORY AT RARI ,DURGAPURA ,JAIPUR (RAJ.)	NAME OF DRAWING:– GROUND FLOOR PLAN	PROJECT NO. NORTH SCALE	DRAWING NO. DEALT BY:– VIJAY SINGH DATE	CONSULTNT:– EARTHMAP CONSULTANCY PVT. LTD H.O.259,KEASAR NAGAR,SANGANER,JAIPUR B.O.376,ANANTPURA,KOTA(RAJ.) MOB. 8005570985 Email – earthmapconsultancy@gmail.com