

GUJARAT BIOTECHNOLOGY UNIVERSITY

GIFT City, Gandhinagar- 382355

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Corrigendum III

Supply, Installation, Testing & Commissioning of Laboratory Infrastructure at Gujarat Biotechnology University, Gandhinagar

Tender ID: 98300 | Date: 02.09.2024

Corrigendum III

S. No	Clause	Original Clause	Modified Clause / New Clause					
1.	Milestone Dates for Tendering	Tender Downloading Date: From 17 [™] August 2024 to 3 rd September 2024	Tender Downloading Date: From 17 TH August 2024 to 9 th September 2024					
	SI. 1							
2.	Milestone Dates for Tendering SI. 2	Tender Online submission: On or Before 6:00 PM, 3 rd September 2024	Tender Online submission: On or Before 6:00 PM, 9 th September 2024					
3.	Milestone	Submission of tender in physical form at Gujarat State	Submission of tender in physical form at Gujarat State Biotechnology					
	Dates for Tendering	Biotechnology University: On or Before 6:00 PM, 5 th August 2024						
	SI. 3							
4.	Documents to be submitted ii	Hard Copies of Tender Fee & EMD should be submitted by speed post/RPAD only so that it will reach to the GBU office by 05-09-2024 before 6:00 pm.	Hard Copies of Tender Fee & EMD should be submitted by speed post/RPAD only so that it will reach to the GBU office by 11-09-2024 before 6:00 pm.					
5.	The Terms and Conditions	The last date of submission of bid on website https://tender.nprocure.com is 03.09.2024 till 18.00 hrs.	The last date of submission of bid on website https://tender.nprocure.com is 11.09.2024 till 18.00 hrs.					
6.	Minimum Eligibility Criteria: - 6	CERTIFICATIONS: OEMs (Bidders) should have valid i) ISO – 9001: 2015; ISO – 14001:2015; ISO 45001:2018 certification / certified company; and ii) should also have valid SEFA Membership certificate. / Bidder should submit valid certificate of SEFA 8. Bidders should submit third party Test Certificate of SEFA 8M (2016) SEFA approved Laboratory for Laboratory Furniture. Detailed documentary evidence for the same must be included in the technical bid.	CERTIFICATIONS: Bidders should have valid i) ISO – 9001: 2015; ISO – 14001:2015; ISO 45001:2018 certification / certified company; Detailed documentary evidence for the same must be included in the technical bid.					

S. No	Clause	Original Clause	Modified Clause / New Clause
7.	Documents	Valid SEFA Membership certificate.	Not Required
	to be		
	Submitted		
	(iii)		
8.		NA	Attached Bill of Quantities and Tender Drawings
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Name Of Work:- BOQ for Supply, Installation, Testing & Commissioning of Laboratory Infrastructure at Gujarat Biotechnology University, Gandhinagar						
Name Of Clint:- Gujarat Biotechnology University, Gandhinagar Abstract Sheet						
Sr.No.	Description of Item	Quantity	Unit	Rate with LCess excl GST	Total Amount	
1	Demolishing Including RCC/Brick manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 150 metres lead as per direction of Engineer-in-charge.	I	CuMt	1,608.25	16,082.53	
2	Demolishing Any type Ceiling including stacking of serviceable material and disposal of unserviceable material within 150 metres lead as per direction of Engineer-in-charge.	150.00	Sqmt	76.07	11,410.98	
3	Providing And fixing single layer water proof gypsum board 12.5 mm thick sections using water proof board of size 1220 mm x 1830 mm x 8.0 mm suspended by GI suspender channel of size 25 mm x 3 mm with intermediate channel og size 18 mm x 40 mm x 0.8 mm at 1220 mm center to center ceiling section of size 40 mm x 35 mm x 0.55 mm at 457 mm c/c and perimeter channel A of size 20 mm x 27 mm x 30 mm x 0.5 mm at edges & drops incl.paper tap sand sofit cleat, anchor fastener, scoch bolt connecting cleat,joining compound top coat on ceiling incl.making necy.opening for light fitting,diffuser etc. comp. as per detail drawing as directed	25.00	Sqmt	606.95	15,173.74	
4	Providing and fixing Metal tiled false ceiling of size (600x600)mm in true horizontal level suspended on inter locking Micro metal grid of hot dipped galvanized steel sections. It consists of main "T" runner of size 14x32x0.3x3600mm, cross "T" of size 14x32x0.3x1200mm, secondary cross "T" of size 14x32x0.3x600mm and PPGI wall angle of size 14x19x0.4x3000mm. Bottom exposed capping of width 14 mm of all T-sections shall be of 0.25mm thick PPGI. PPGI wall angle 14x19x0.4x3000mm {Material-GI(IS513),YS-280Mpa,Galvanised 90GSM(IS277),Finish-painted 25 micron top side,10 micron backside,]} is fixed along the perimeter of the ceiling to walls, partitions or columns etc., with wooden screws at 300mm centers or Hilti HPS 6 x40mm placed at 600 mm c/c. soffit cleat 27x37x25x1.6mm {GI(IS513)YS-260Mpa,Finish-Galvanised 120GSM(IS277)} is fixed with Rawl Plug- Ø8x45mm {Material-IS 513 CR2 grade, Zinc coating (7 to 8 microns) pull out load- 6.8kN for M30 concrete grade} creating 1200mm x 1200mm grid. Main-T runners 14x32x0.3x3600mm {GI(IS513)YS-280Mpa,Finish-Galvanised 120GSM (IS277) are then suspended at 1200mm c/c from ceiling using 4mm zinc electroplated butterfly level clips of size 85x30x0.8mm spaced at maximum 1200mm center to center along main T and not more than 150mm from spliced joints. The last hanger at the end of each main runner should not be greater than 600mm from the adjacent wall. 14x32x0.3x1200mm cross T {GI(IS513)YS-280Mpa,Finish-Galvanised 120GSM(IS277)} is interlocked between the main T at 600mm center to center to form a grid of 1200x600 mm and then secondary cross "T" 14x32x0.3x600mm {GI(IS513)YS-280Mpa,Finish-Galvanised 120GSM(IS277)} is then interlocked at middle of the 1200x600mm grid to form grids of 600x600mm. Cross Tees at the ends having length more than 600mm are to be supported independently. Finally T-15, Reveal edge powder coated perforated metal tiles of size (595x595)mm having 60-65 micron powder coating on face side, 9.5mm drop and overall thickness 0.5mm, made of galvanized iron (120GSM g	105.00	Sqmt	2,196.30	2,30,611.03	
5	100mm Thickness Partition with cement sheet: Providing and fixing partition as per design drawing, cladded with first quality 12mm thk. cement sheet, using first quality hardware. made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor with suitable aluminium angles and fastened with steel screws. Frame size 50 x 50 MM with 12 MM thick cement sheet. partition work should be carried out as per detail drawings and as per the instructions given by the architect. Rate of partition shall be inclusive of out in order to execute the aforesaid item to the satisfaction of the architect / EIC. The rate shall be for complete item inclusive of all material, labor, wastages, necessary tools & tackles, adhesives, consumable hardware.	56.60	Sqmt	2,575.50	1,45,773.30	
6	Providing and applying Wall painting (three coats) with plastic emulsion paint of approved brand and manufacture on under coated wall surface to give and even shade including throughly brushing the surface free from mortor droppings and other foreign matter and sand paperd smooth on new work to give an even shade.for all height	420.00	Sqmt	112.95	47,438.29	

420.00

Sqmt

40.59

17,048.60

Applying two coats of acrylic lapy (putty) & two coats of primer of approved brand and

manufacture on new wall surface to give an even shade including thoroughly brushing the

surface free from mortar dropping and other foreign matter and sand papered smooth.

7

8	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete.[A] 15 mm.	12.00	Rmt.	166.86	2,002.35
9	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [B] 25 mm.	40.00	Rmt.	249.72	9,988.90
10	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [D] 32mm.	15.00	Rmt.	333.66	5,004.95
11	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete 15 mm nominal bore	8.00	Nos.	410.92	3,287.35
12	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete 25 mm nominal bore	4.00	Nos.	468.69	1,874.76
13	Providing laying and jointing in true line and level 50mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. for Drainage.	56.00	Rmt.	195.67	10,957.37
14	Designing, Supply and Installation of LaboratoryISLAND Bench (IB - 1 & 2) Size: L 7255 mm x W 1500 mm x H 900 mm with reagent rack including electrical raceway, cabling & all services as per design, including granite workstation tops and other supporting structures/ hardware, electrical trunking based on the specified Make List. This includes delivery, unloading the consignment and transporting it from the place of storage to the installation site. This should be complete in all respect as per the detailed specification. Fitting of sink is required as per drawing.	8.00	Nos.	3,99,455.61	31,95,644.85
15	Designing, Supply and Installation of Laboratory Wall Bench (WB - 1 & 3) Size: L 1000 mm x W 750 mm x H 900 mm with reagent rack including electrical raceway, cabling & all services as per design, including granite workstation tops and other supporting structures/ hardware, electrical trunking based on the specified Make List. This includes delivery, unloading the consignment and transporting it from the place of storage to the installation site. This should be complete in all respect as per the detailed specification. Fitting of sink is required as per drawing.	8.00	Nos.	33,275.06	2,66,200.45
16	Designing, Supply and Installation of Laboratory Wall Bench (WB - 2) Size: L 1450 mm x W 750 mm x H 900 mm with reagent rack including electrical raceway, cabling & all services as per design, including granite workstation tops and other supporting structures/ hardware, electrical trunking based on the specified Make List. This includes delivery, unloading the consignment and transporting it from the place of storage to the installation site. This should be complete in all respect as per the detailed specification. Fitting of sink is required as per drawing.		Nos.	28,329.09	1,13,316.34
17	Designing, Supply and Installation of Laboratory Corner Bench (CB - $1 \& 2$) Size: L 1030 mm x W 1030 mm x H 900 mm with reagent rack including electrical raceway, cabling & all services as per design, including granite workstation tops and other supporting structures/ hardware , electrical trunking based on the specified Make List. This includes delivery, unloading the consignment and transporting it from the place of storage to the installation site. This should be complete in all respect as per the detailed specification. Fitting of sink is required as per drawing.	8.00	Nos.	48,654.04	3,89,232.35
18	Designing, Supply and Installation of Laboratory Corner Bench (CB - 3 & 4) Size: L 1030 mm x W 1030 mm x H 900 mm with reagent rack including electrical raceway, cabling & all services as per design, including granite workstation tops and other supporting structures/ hardware, electrical trunking based on the specified Make List. This includes delivery, unloading the consignment and transporting it from the place of storage to the installation site. This should be complete in all respect as per the detailed specification. Fitting of sink is required as per drawing.	8.00	Nos.	34,359.59	2,74,876.75
19	Supply and installation of Revolving Back Support S.S. Lab Chair with Height Adjustable and with Single Leg Support with cusion on seat and back support etc. allcomplete as per approved sample and instruction of the Engineer.		Nos.	6,655.40	7,98,647.40

20	Point wiring for Individual Plug with & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected complete with Modular type switch & 5 pin Plug erected on PVC / Metallic/Wooden box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories. [I] For 6A Plug and 6 a switch with 2-1.5 sq.mm Cu. Wire from nearby switchboard/mcb db board (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat. III	10.00	PT.	473.69	4,736.90
21	Point wiring for Individual Plug with & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected complete with Modular type switch & 5 pin Plug erected on PVC / Metallic/Wooden box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories. [II] For 16A Plug and 16 amp mcb with 2-2.5 sq.mm Cu. Wire from mcb db board. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat. III	10.00	PT.	780.73	7,807.30
22	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge.vvv (1)One No. SP 6 Amp. Cat.III	20.00	Ea.	144.43	2,888.60
23	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge.vvv (2) One No 5 pin plug Cat.III	20.00	Ea.	144.43	2,888.60
24	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge.vvv (9) 16 Amp. SP one way switch Cat.III	320.00	Ea.	172.71	55,267.20
25	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge.vvv (10) 6/16Amp. Universal socket Cat.III	320.00	Ea.	190.89	61,084.80
26	Miniature Circuit Breake providing and erecting Miniature circuit breaker single pole 6A to 25A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark Cat.III	120.00	EA	112.11	13,453.20
27	Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (c)63 Amp. Cat.III	4.00	EA	737.30	2,949.20
28	RCCB Providing and erecting Approved make RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on single phase 240 V,50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (ii) 40Amps. DP Cat. III	12.00	EA	2235.13	26,821.56
29	DISTRIBUTION BOARDS Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) suitable for (B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI) (b) sheet steel double door (iv)12 way	4.00	Ea.	3874.36	15,497.44

30	CONDUIT Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia of pipes, in approved manner as directed. (b) 25 mm	220.00	mtr.	32.32	7,110.40
31	Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia of pipes, in approved manner as directed. (c) 32 mm	80.00	mtr.	52.52	4,201.60
1	Providing & erecting PVC Corrugated Flexible Conduit with required nos. of coupling, PVC bushes, Check-nuts etc. complete of following sizes. (1) 20 mm	200.00	mtr.	16.16	3,232.00
	Providing & erecting PVC Corrugated Flexible Conduit with required nos. of coupling, PVC bushes, Check-nuts etc. complete of following sizes. (2) 25 mm	100.00	mtr.	20.20	2,020.00
1	CABLE TRUNKING Supplying and laying UPVC cable trunking system comprising unplasticised polyvinyl, chloride rigid material with ignition free and flame proof confirming BS with necessary end caps Internal and external bend, flat bends, coupler, tee etcAll necessary accessories and measuring of following sizes (1) 75 mm x 50 mm trunking	250.00	mtr.	265.63	66,407.50
35	WIRE MAINS Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (A) with medium class Rigid PVC pipe and accessories (a) 2 wire 1.5 sq. mm	350.00	mtr.	59.59	20,856.50
36	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (A) with medium class Rigid PVC pipe and accessories (b) 2 wire 2.5 sq. mm	200.00	mtr.	78.78	15,756.00
37	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (a) with medium class Rigid PVC pipe and accessories. (a) 2 wire 4 sq. mm	1150.00	Rmt.	107.06	1,23,119.00
1 3X I	providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (a) with medium class Rigid PVC pipe and accessories. (b) 2 wire 6 sq. mm	750.00	Rmt.	140.39	1,05,292.50
39	ARMOURED ALLUMINIUM CABLES. Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (A) 4 core 16 Sq. mm	170.00	Mtr.	151.50	25,755.00
	CABLE GLANDS. Providing and, fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (D) 2 to 4 core 16 Sq. mm	8.00	Ea.	47.47	379.76
41	CABLE LUGS. Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (C) 16/25 Sq.mm.	32.00	Ea.	15.15	484.80
	Total Amount(Rs.)				61,22,582.14

