



भारतीय प्रौद्योगिकी संस्थान तिरुपति

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Tender No. IITT/EU/2023-24/7

Date: 01-08-2023

**NOTICE INVITING TENDER FOR SUPPLY, INSTALLATION, TESTING, AND
COMMISSIONING OF CHEMISTRY LAB FURNITURE**

CORRIGENDUM – IV

The following corrections need to be given in the tender published for the selection and procurement of the laboratory furniture for Chemistry/Chemical and Bio-related labs subcommittee.

S.No.	Page no	Published details	To be read as
1	Page no: 4 [Tender item No.1]	Granite top wall/side table with under bench fixed storage cabinets and power sockets TYPE – A: (L 1520 mm ± 20 mm X W 920 mm ± 20 mm X H 900 mm ± 20 mm)	Granite top wall/side table with under bench fixed storage cabinets and power sockets TYPE – A: (L 1520 mm ± 20 mm X W 920 mm ± 20 mm X H 900 mm ± 20 mm) BASE CABINET -750X549X895mm-1DW/2DR – 2 Nos REAR FILLER PANEL 340X895mm WITH SLIP ANGLE – 2 Nos SINGLE SIDE SOCKET BOX, 4x4 – 1540 mm 6/16 AMPS UPS SOCKET, SWITCH & MODULE PLATE – 4 Nos DATA SOCKET WITH MODULE PLATE – 1 No 20mm THICK GRANITE WORKTOP – 1630 mm MOLDING CORNER PROTECTOR – 2 Nos Suitable FLOOR STANDING WORKTOP SUPPORT: – 1 No RUBBER COVERED BASE MOLDING – 12 RFT 100mm HIGH, 1" THICK GRANITE SKIRTING – 2510 mm
2	Page no: 5 [Tender item No.2]	Granite top wall/side table with under bench fixed storage cabinets and power sockets TYPE – B:	Granite top wall/side table with under bench fixed storage cabinets and power sockets TYPE – B: (L 1520 mm ± 20 mm X W 760 mm ± 20 mm X H 900 mm ± 20 mm)

		(L 1520 mm ± 20 mm X W 760 mm ± 20 mm X H 900 mm ± 20 mm)	<p>BASE CABINET -750X549X895mm-1DW/2DR – 2 Nos</p> <p>REAR FILLER PANEL 188X895mm WITH SLIP ANGLE – 2 Nos</p> <p>SINGLE SIDE SOCKET BOX, 4x4 – 1540 mm</p> <p>6/16 AMPS UPS SOCKET, SWITCH & MODULE PLATE – 4 Nos</p> <p>DATA SOCKET WITH MODULE PLATE – 1 No</p> <p>20mm THICK GRANITE WORKTOP – 1630 mm</p> <p>MOLDING CORNER PROTECTOR – 2 Nos</p> <p>RUBBER COVED BASE MOLDING – 12 RFT</p> <p>100mm HIGH, 1" THICK GRANITE SKIRTING – 2360 mm</p>
3	Page no: 6 [Tender item No.3]	Granite top wall/side table with under bench fixed storage cabinets and power sockets TYPE – C: (L 1200 mm ± 20 mm X W 920 mm ± 20 mm X H 900 mm ± 20 mm)	<p>Granite top wall/side table with under bench fixed storage cabinets and power sockets TYPE – C: (L 1200 mm ± 20 mm X W 920 mm ± 20 mm X H 900 mm ± 20 mm)</p> <p>BASE CABINET -600X549X895mm-1DW/1DR – 2 Nos</p> <p>REAR FILLER PANEL 340X895mm WITH SLIP ANGLE – 2 Nos</p> <p>SINGLE SIDE SOCKET BOX, 4x4 – 1280 mm</p> <p>6/16 AMPS UPS SOCKET, SWITCH & MODULE PLATE – 4 Nos</p> <p>DATA SOCKET WITH MODULE PLATE – 1 No</p> <p>20mm THICK GRANITE WORKTOP – 1310 mm</p> <p>MOLDING CORNER PROTECTOR – 2 Nos</p> <p>Suitable FLOOR STANDING WORKTOP SUPPORT – 1 No</p> <p>RUBBER COVED BASE MOLDING – 11 RFT</p> <p>100mm HIGH, 1" THICK GRANITE SKIRTING – 2050 mm</p>
4	Page no: 7 [Tender item No.4]	Granite top wall/side table with under bench fixed storage cabinets and power sockets TYPE – D: (L 1500 mm ± 20 mm X W 1050 mm ± 20 mm X H 900 mm ± 20 mm)	<p>Granite top wall/side table with under bench fixed storage cabinets and power sockets TYPE – D: (L 1500 mm ± 20 mm X W 1050 mm ± 20 mm X H 900 mm ± 20 mm)</p> <p>BASE CABINET -750X549X895mm-1DW/2DR – 1 Nos</p>

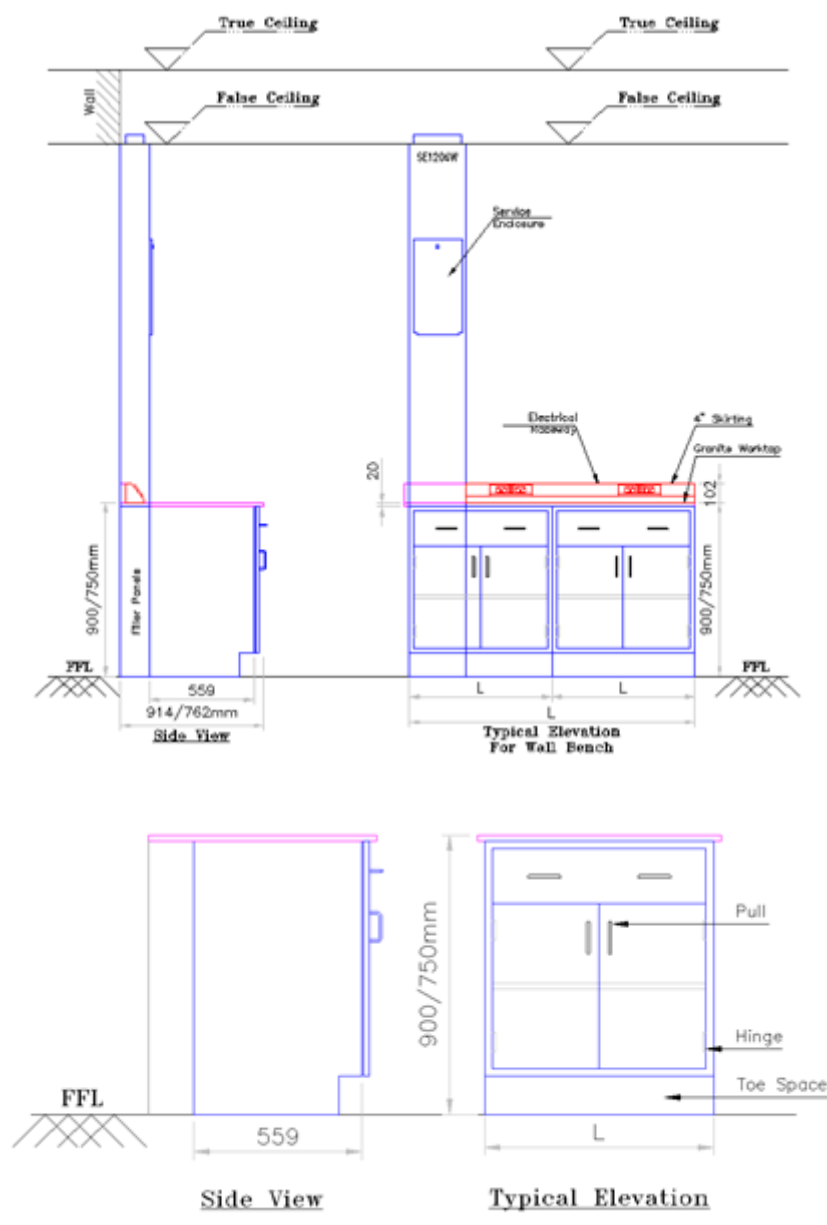
		20 mm X H 900 mm ± 20 mm)	REAR FILLER PANEL 492X895mm WITH SLIP ANGLE – 2 Nos SINGLE SIDE SOCKET BOX, 4x4 – 1540 mm 6/16 AMPS UPS SOCKET, SWITCH & MODULE PLATE – 4 Nos DATA SOCKET WITH MODULE PLATE – 1 No 20mm THICK GRANITE WORKTOP – 1630 mm MOLDING CORNER PROTECTOR – 2 Nos Suitable FLOOR STANDING WORKTOP SUPPORT – 1 No RUBBER COVED BASE MOLDING – 13 RFT 100mm HIGH, 1" THICK GRANITE SKIRTING – 2670 mm
5	Page no: 8 [Tender item No.5]	Granite top wall/side table with under bench fixed storage cabinets and power sockets TYPE – E: (L 1100 mm ± 20 mm X W 1050 mm ± 20 mm X H 900 mm ± 20 mm)	Granite top wall/side table with under bench fixed storage cabinets and power sockets TYPE – E: (L 1100 mm ± 20 mm X W 1050 mm ± 20 mm X H 900 mm ± 20 mm) BASE CABINET -500X549X895mm- 1DW/1DR – 1 No REAR FILLER PANEL 492X895mm WITH SLIP ANGLE – 2 Nos SINGLE SIDE SOCKET BOX, 4x4 – 1130 mm 6/16 AMPS UPS SOCKET, SWITCH & MODULE PLATE – 4 Nos DATA SOCKET WITH MODULE PLATE – 1 No 20mm THICK GRANITE WORKTOP – 1210 mm MOLDING CORNER PROTECTOR – 2 Nos Suitable FLOOR STANDING WORKTOP SUPPORT – 1 No RUBBER COVED BASE MOLDING – 11 RFT 100mm HIGH, 1" THICK GRANITE SKIRTING – 2260 mm
6	Page no: 10 [Tender item No.6]	Granite top work bench with power sockets, Under storage cabinets and Leg space TYPE A: (L 1800 mm ± 20 mm X W 900 mm ±	Granite top work bench with power sockets, Under storage cabinets and Leg space TYPE A : (L 1800 mm ± 20 mm X W 900 mm ± 20 mm X H 900 mm ± 20 mm) BASE CABINET -600X549X895mm- 1DW/1DR – 2 Nos

		20 mm X H 900 mm ± 20 mm)	KNEE SPACE – 1 No REAR FILLER PANEL 340X895mm WITH SLIP ANGLE – 2 Nos SINGLE SIDE SOCKET BOX, 4x4 – 1850 mms 6/16 AMPS UPS SOCKET, SWITCH & MODULE PLATE – 4 Nos DATA SOCKET WITH MODULE PLATE – 1 No 20mm THICK GRANITE WORKTOP – 1940 mm MOLDING CORNER PROTECTOR – 4 Nos Suitable FLOOR STANDING WORKTOP SUPPORT – 2 Nos RUBBER COVERED BASE MOLDING – 13 RFT 100mm HIGH, 1" THICK GRANITE SKIRTING – 2820 mm
7	Page no: 12 [Tender item No.7]	Granite top work bench with power sockets, Under storage cabinets and Leg space TYPE – B: (L 1500 mm ± 20 mm X W 900 mm ± 20 mm X H 900 mm ± 20 mm)	Granite top work bench with power sockets, Under storage cabinets and Leg space TYPE – B: (L 1500 mm ± 20 mm X W 900 mm ± 20 mm X H 900 mm ± 20 mm) BASE CABINET -450X549X895mm- 1DW/1DR – 2 Nos KNEE SPACE – 1 No REAR FILLER PANEL 340X895mm WITH SLIP ANGLE – 2 Nos SINGLE SIDE SOCKET BOX, 4x4 – 1850 mm 6/16 AMPS UPS SOCKET, SWITCH & MODULE PLATE – 4 Nos DATA SOCKET WITH MODULE PLATE – 1 No 20mm THICK GRANITE WORKTOP – 1940 mm MOLDING CORNER PROTECTOR – 4 Nos Suitable FLOOR STANDING WORKTOP SUPPORT – 1 No RUBBER COVERED BASE MOLDING – 12 RFT 100mm HIGH, 1" THICK GRANITE SKIRTING – 2510 mm
8	Page no: 14 [Tender item No.8]	Granite top work bench without storage cabinet TYPE – A: (L 1500 mm ± 20 mm X W	Granite top work bench without storage cabinet TYPE – A: (L 1500 mm ± 20 mm X W 900 mm ± 20 mm X H 900 mm ± 20 mm) KNEE SPACE – 2 Nos

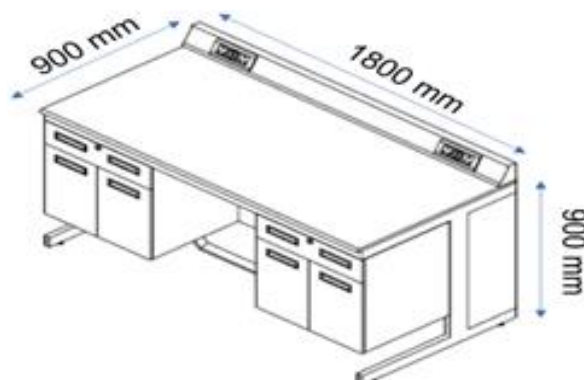
		900 mm ± 20 mm X H 900 mm ± 20 mm)	END LEG – 3 Nos REAR FILLER PANEL 340X895mm WITH SLIP ANGLE – 2 Nos 20mm THICK GRANITE WORKTOP – 1630 mm MOLDING CORNER PROTECTOR – 6 Nos Suitable FLOOR STANDING WORKTOP SUPPORT – 1 No RUBBER COVED BASE MOLDING – 12 RFT 100mm HIGH, 1" THICK GRANITE SKIRTING – 2510 mm
9	Page no: 16 [Tender item No.9]	Granite top work bench without storage cabinet TYPE – B: (L 1500 mm ± 20 mm X W 1220 mm ± 20 mm X H 650 mm ± 20 mm)	Granite top work bench without storage cabinet TYPE – B: (L 1500 mm ± 20 mm X W 1220 mm ± 20 mm X H 650 mm ± 20 mm) KNEE SPACE – 2 Nos END LEG – 3 Nos REAR FILLER PANEL 645X630mm WITH SLIP ANGLE – 2 Nos 20mm THICK GRANITE WORKTOP – 1630 mm MOLDING CORNER PROTECTOR – 6 Nos Suitable FLOOR STANDING WORKTOP SUPPORT – 1 No RUBBER COVED BASE MOLDING – 14 RFT 100mm HIGH, 1" THICK GRANITE SKIRTING – 2840 mm
10	Page no: 17 [Tender item No.10]	Granite top work bench without storage cabinet TYPE – C: (L 1500 mm ± 20 mm X W 750 mm ± 20 mm X H 750 mm ± 20 mm)	Granite top work bench without storage cabinet TYPE – C: (L 1500 mm ± 20 mm X W 750 mm ± 20 mm X H 750 mm ± 20 mm) KNEE SPACE – 2 Nos END LEG – 3 Nos REAR FILLER PANEL 188X746mm WITH SLIP ANGLE – 2 Nos 20mm THICK GRANITE WORKTOP – 1630 MM MOLDING CORNER PROTECTOR – 6 Nos RUBBER COVED BASE MOLDING – 11 RFT 100mm HIGH, 1" THICK GRANITE SKIRTING – 2360 MM
11	Page No. 4: Load Bearing Capacity: 900 kg/m ³ of cabinet top area including working surface without distortion or		≥ 300 kg/m ² of cabinet top area excluding the shelf weight.

	interference with door and drawers' operation	
12	Page No.5: MOC: The material should be of galvanized iron sheet with powder coating pure epoxy thickness of 60-80 microns in a weld less construction	Galvanized iron or equivalent or CRCA with 60–80-micron Epoxy powder coated and minimum welded construction.
13	Page 5; Drawing: Cabinet combination of 1 drawer and 1 or 2 shutter shall be as per configuration drawing enclosed.	Drawing approximate measurements are shown below. (See below)
14	Table type: From line item 1-5 mentioned as fixed storage cabinet	Fixed/floor mounted storage cabinet with the floor mounted cabinet.
15	Page No. 11: Horizontal members: CRCA rectangular pipe of cross-section of 60 x 30 mm and 2 mm thickness shall be used with 60-80 microns pure epoxy powder coating.	C-frame or horizontal members as described. Horizontal members/suitable C-frames.
16	Page No.19: Movable cabinet MOC: The material should be galvanized iron sheets with powder coating pure epoxy thickness of 70-80 microns in a weld less construction or PP sheets.	Galvanized iron or CRCA with 60 - 80 microns.
17	Page No. 22: Solvent Storage cabinet: FM approved 90 minutes Fire rating approved as per (EN 14470-1, FM 6050, EN 14727 & UL1257) solvent storage cabinet shall be UL labeled.	The cabinet with 90 min fire rated inline to EN 14727 standard instead of FM & UL labelled
18	Page No. 26: Gas Cylinder cabinet: The gas cylinder cabinet must be 90-minute fire resistant. Provision of ventilation and visualization from outside (option to see from outside) should also be provided for each storage cabinet. Gas leak sensors must be provided.	As per the below table.
19	Page 54: Clause 15 of Delivery Schedule: The successful bidder should execute the order successfully i.e, supply, installation of the ordered item within 12 weeks (84 days)	Delivery schedule can be 160 days or earlier.

Drawing of the cabinet:



Under storage cabinet with leg space for reference:



Details of the gas leak detectors:

S.No	Gas cylinder Cabinet with additional requirement	Brief requirement
1	Gas cylinder cabinet with Hydrogen gas detector and alarm facility	02
2	Gas cylinder cabinet with Oxygen gas detector and alarm facility	01
3	Gas cylinder cabinet with Helium gas detector and alarm facility	02
4	Gas cylinder cabinet with Methane gas detector and alarm facility	02
5	Gas cylinder cabinet with Ammonia gas detector and alarm facility	01
6	Gas cylinder cabinet with Hydrogen and Helium gas detectors and alarm facility	03
7	Gas cylinder cabinet with Methane, Carbon Monoxide and Hydrogen gas detectors and alarm facility	04
8	Gas cylinder cabinet with Methane, Carbon Monoxide and Ammonia gas detectors and alarm facility	02

9	Gas cylinder cabinet with Oxygen and Helium gas detector and alarm facility	04
10	Gas cylinder cabinet with Hydrogen, Oxygen and Ammonia gas detectors and alarm facility	01
11	Gas cylinder cabinet with Hydrogen, Oxygen and Methane gas detectors and alarm facility	01
12	Gas cylinder cabinet - Plain	08
Total		31