

ANNEXURE- IV
TECHNICAL SPECIFICATION

S.No	ITEM	DESCRIPTION & MOC	DIMENSION (MM)	QTY
1	PIGEON HOLE RACK	18MM THK, PRE – LAMINATED BOARD WITH 2 MM THK, ALL SIDE PANELS, TOP / BOTTOM PANELS AND SHELF PANEL. PVC EDGE BENDING. BACK PANEL MADE FORM 9MM THK PRE – LAMINATED BOARD.	900 L x 450 D x 1800 MM H	1
2	APRON CUPBOARD	2NOS. OF LOCKER UNIT, MADE FROM PRIME QUALITY CRCA STEEL WITH ANTI CORROSIVE TREATMENT. HANGING RODS IN 2 DOOR LOCKER. LABEL HOLDER FOR PROVIDED FOR EASY IDENTIFICATION WITH INDIVIDUAL LOCKING PROVISION	760 L x 450 D x 1830 MM H	1
3	SHOE RACK	CRCA MS POWDER COATED SHOE RACK	900 L x 480 D x 900 MM H	1
4	OFFICE TABLE	MODULAR WORKSTATION, AS PER LAYOUT. 50MM THK, 1200MM HT, FABRIC MAGNETIC TILE TOP TILE, BOTTOM TILE METAL, RACEWAY AT SKIRTING LEVEL ONLY SWITCHES TO BE MOUNTED ON BOTTOM METAL. WORK TOP 25MM THK PRELAM PARTICLE BOARD WITH PVC EDGE. STORAGE PEDESTAL FOR EACH WORKSTATION (5 NOS. OF WORKSTATIONS CONSIDERED).	(3600 + 3300) L x 600 D x 750 MM H	1
5	WASHING TABLE WASHING SECTION	DEGREASED AND ZINC-PHOSPHATED CRCA MS LOAD BEARING FRAMES (1.2MM) AND SHEETS (0.8MM) CONSTRUCTION WITH PURE-EPOXY POWDER COATING. WORKTOP MADE OF 20MM THICK JET-BLACK GRANITE WHICH IS MOUNTED ON UNIFORMLY LAID NEOPRENE MAT. THE STORAGE SPACE BELOW THE WORKTOP SHALL BE ONE DRAWER AND TWO-SHUTTERED SHELVES WITH ONE HORIZONTAL PARTITION. 2NOS. OF STAINLESS STEEL SINKS WITH DRAINBOARD	4570 L x 760 D x 800 MM H	1

		(1080 x 465 x 200MM) WITH 2 SINGLE-WAY FAUCETS (WATERSAVER MAKE) AND 2NOS. OF PHENOLIC PEGBOARDS WITH PP PEGS (600 X 500MM). ELECTRICAL TRUNKING PROVISION ON WORKTOP FOR CONCEALED WIRING WITH 4 NOS. OF 6A ONE-WAY SWITCH AND 4 NOS. OF 6/16A 6 PIN SHUTTER SOCKET.		
6	WALL TABLE WASHING SECTION	DEGREASED AND ZINC-PHOSPHATED CRCA MS LOAD BEARING FRAMES (1.2MM) AND SHEETS (0.8MM) CONSTRUCTION WITH PURE-EPOXY POWDER COATING. WORKTOP MADE OF 20MM THICK JET-BLACK GRANITE WHICH IS MOUNTED ON UNIFORMLY LAID NEOPRENE MAT. THE STORAGE SPACE BELOW THE WORKTOP SHALL BE ONE DRAWER AND TWO-SHUTTERED SHELVES WITH ONE HORIZONTAL PARTITION. ELECTRICAL TRUNKING PROVISION ON WORKTOP FOR CONCEALED WIRING WITH 8 NOS. OF 6A ONE-WAY SWITCH AND 8 NOS. OF 6/16A 6 PIN SHUTTER SOCKET.	2400 L x 760 D x 800 MM H	1
7	U-SHAPE WALL TABLE INSTRUMENTATION	DEGREASED AND ZINC-PHOSPHATED CRCA MS LOAD BEARING FRAMES (1.2MM) AND SHEETS (0.8MM) CONSTRUCTION WITH PURE-EPOXY POWDER COATING. WORKTOP MADE OF 20MM THICK JET-BLACK GRANITE WHICH IS MOUNTED ON UNIFORMLY LAID NEOPRENE MAT. THE STORAGE SPACE BELOW THE WORKTOP SHALL BE ONE DRAWER AND TWO-SHUTTERED SHELVES WITH ONE HORIZONTAL PARTITION. 1 NO. OF CORNER UNIT, 1 NO. OF CORNER PP DROP-IN-SINK UNIT (548 x 398 x 235MM) WITH 1 NO. OF 3-WAY FAUCET (WATERSAVER MAKE). ELECTRICAL TRUNKING PROVISION ON WORKTOP FOR CONCEALED WIRING WITH 16 NOS. OF 6A ONE-WAY SWITCH AND 16 NOS. OF 6/16A 6 PIN SHUTTER SOCKET, 10 NOS. OF DATA POINTS. 2NOS. LEGSPACE WITH KEYBOARD TRAY & CPU TROLLEY.	(4800+3040+3000) L x 900 D x 800 MM H	1

8	WALL TABLE CHEMICAL TESTING	DEGREASED AND ZINC-PHOSPHATED CRCA MS LOAD BEARING FRAMES (1.2MM) AND SHEETS (0.8 MM) CONSTRUCTION WITH PURE-EPOXY POWDER COATING. WORKTOP MADE OF 20MM THICK JET-BLACK GRANITE WHICH IS MOUNTED ON UNIFORMLY LAID NEOPRENE MAT. THE STORAGE SPACE BELOW THE WORKTOP SHALL BE ONE DRAWER AND TWO-SHUTTERED SHELVES WITH ONE HORIZONTAL PARTITION. ELECTRICAL TRUNKING PROVISION ON WORKTOP FOR CONCEALED WIRING WITH 8 NOS. OF 6A ONE-WAY SWITCH AND 8 NOS. OF 6/16A 6 PIN SHUTTER SOCKET.	3040 L x 760 W x 800 MM H	1
9	WALL TABLE STERILITY TESTING	STAINLESS STEEL UNITS WITH LOAD BEARING FRAMES (1.2MM) AND SHEETS (0.8MM) CONSTRUCTION. WORKTOP MADE STAINLESS STEEL WITH STIFFENERS WHICH IS MOUNTED ON UNIFORMLY LAID NEOPRENE MAT. THE STORAGE SPACE BELOW THE WORKTOP SHALL BE ONE DRAWER AND TWO-SHUTTERED SHELVES WITH ONE HORIZONTAL PARTITION.	1500 L x 760 W x 900 MM H	1
10	L SHAPE WALL TABLE LAB	DEGREASED AND ZINC-PHOSPHATED CRCA MS LOAD BEARING FRAMES (1.2MM) AND SHEETS (0.8 MM) CONSTRUCTION WITH PURE-EPOXY POWDER COATING. WORKTOP MADE OF 20MM THICK JET-BLACK GRANITE WHICH IS MOUNTED ON UNIFORMLY LAID NEOPRENE MAT. THE STORAGE SPACE BELOW THE WORKTOP SHALL BE ONE DRAWER AND TWO-SHUTTERED SHELVES WITH ONE HORIZONTAL PARTITION. ELECTRICAL TRUNKING PROVISION ON WORKTOP FOR CONCEALED WIRING WITH 32 NOS. OF 6A ONE-WAY SWITCH AND 32 NOS. OF 6/16A 6 PIN SHUTTER SOCKET.	(7640+1500) L x 900 D x 900 MM H	1

11	ISLAND WORK LAB TABLE WITH MIDDLE SINK	DEGREASED AND ZINC-PHOSPHATED CRCA MS LOAD BEARING FRAMES (1.2MM) AND SHEETS (0.8 MM) CONSTRUCTION WITH PURE-EPOXY POWDER COATING. WORKTOP MADE OF 20MM THICK JET-BLACK GRANITE WHICH IS MOUNTED ON UNIFORMLY LAID NEOPRENE MAT. THE STORAGE SPACE BELOW THE WORKTOP SHALL BE ONE DRAWER AND TWO-SHUTTERED SHELVES WITH ONE HORIZONTAL PARTITION. 1 NO. OF MIDDLE PP DROP-IN-SINK UNIT (548 x 398 x 235MM) WITH 1 NO. OF 3-WAY FAUCET (WATERSAVER MAKE). TWO-TIER REAGENT SHELVES FOR THE COMPLETE LENGTH OF THE TABLE WITH ELECTRICAL MODULES ON THE FACIA WITH PROVISION ON FOR CONCEALED WIRING WITH 32 NOS. OF 6A ONE-WAY SWITCH AND 32 NOS. OF 6/16A 6 PIN SHUTTER SOCKET.	5250 L x 1520 W x 900 MM H	1
12	ISLAND WORK LAB TABLE	DEGREASED AND ZINC-PHOSPHATED CRCA MS LOAD BEARING FRAMES (1.2MM) AND SHEETS (0.8 MM) CONSTRUCTION WITH PURE-EPOXY POWDER COATING. WORKTOP MADE OF 20MM THICK JET-BLACK GRANITE WHICH IS MOUNTED ON UNIFORMLY LAID NEOPRENE MAT. THE STORAGE SPACE BELOW THE WORKTOP SHALL BE ONE DRAWER AND TWO-SHUTTERED SHELVES WITH ONE HORIZONTAL PARTITION. TWO-TIER REAGENT SHELVES FOR THE COMPLETE LENGTH OF THE TABLE WITH ELECTRICAL MODULES ON THE FACIA WITH PROVISION ON FOR CONCEALED WIRING WITH 32 NOS. OF 6A ONE-WAY SWITCH AND 32 NOS. OF 6/16A 6 PIN SHUTTER SOCKET.	5250 L x 1520 W x 900 MM H	1
13	ANTI-VIBRATION TABLE	COMPLETELY MODULAR TYPE TUBULAR FRAME, WITH 25MM THICK KADAPPA AND JET-BLACK GRANITE AS WORKTOP. 40Sq x 1.6 MM THICK ERW TUBE AND THE OVERALL LOAD CARRYING CAPACITY OF TUBULAR FRAME IS 250 KGS OF UNIFORM DISTRIBUTED LOAD. PURE-EPOXY POWDER COATED ZINC-PHOSPHATED CRCA MS MEMBERS/PANELS FOR BETTER CORROSION RESISTANCE.	900 L x 600 D x 900 MM H	1

		VIBRATING ISOLATING RUBBER-PADS ABSORB THE PULSATING VIBRATIONS FROM FLOOR. THE PADS ARE MADE UP FROM COMBINATION OF NITRITE RUBBER, CORK PARTICLES AND CROSS LINKED POLYESTER FIBER TO MINIMIZE DAMPENING EFFECT. 4 LEVELLING SCREWS PROVIDED.		
14	REVOLVING STOOL	REVOLVING STOOL WITH CUSHION TOP FOR LABORATORY TABLE WITH BACK REST	Nos	8
15	OFFICE CHAIR	WORKSTATION CHAIR WITH FABRIC CUSHION SEAT & BACK GAS LIFT WITH ARM CHAIR.	Nos	3
	ELECTRICAL	ELECTRICAL (MDS/ANCHOR ROMA/MK SWITCHES AND FINOLEX/POLYCAB/HAVELLS CABLES & WIRES)		
16		6AMPS SWITCH SOCKET	Nos	UR
17		16 AMPS SWITCH SOCKET	Nos	UR
18		RAW POWER/ UPS, WIRING KIT FOR 5 WORKSTATION	SET	1
19		WIRING FOR(FRLS WIRES) 5 AMPS (WITH PHASE, NEUTRAL & EARTH WIRES)	RMT	UR
20		WIRING FOR(FRLS WIRES) 15 AMPS (WITH PHASE, NEUTRAL & EARTH WIRES)	RMT	UR
21		RECESS MOUNTED LIGHT FITTINGS TUBE LIGHTS. 40WATTS X 2NOS (BAJAJ/ PHILIPS/ WIPRO)	SET	UR
22		RECESS MOUNTED LIGHT FITTINGS CFL LIGHTS. 18 WATTS X 1NOS (BAJAJ/ PHILIPS/ WIPRO)	SET	UR
23		LIGHT POINT	Nos	UR
24		LIGHT POINT WIRING (WITH PHASE, NEUTRAL & EARTH WIRES)	RMT	UR
25		DISTRIBUTION BOARD WITH REQUIRED MCB / ELCB/ MCCB	Nos	UR
26		MAIN CABILING WITH 4C X 10 SQ MM ALUMINIUM ARMoured CABLE ALONG WITH NECESSARY GLAND AND LUGS	RMT	UR

27	COMMUNICATION	NETWORKING : DATA/ VOICE (CAT 5E AMP, D-LINK OR QUALITY)		
		4U WALL MOUNTED RACKS		
28		I/O DATA	Nos	3
29		TELEPHONE POINT	Nos	2
30	FALSE CEILING	RECTIFICATION AND SUPPLYING & FIXING OF TILE AND CHANNELS	SQ.FT	
31	FLOORING	RECTIFICATION AND SUPPLYING , LAYING OF L VINYL FLOORING ROLL FORM , HOMOGENOUS MATERIAL , 2 MM THK (SHADE WILL BE AS PER THE HLL'S RECOMENDATION)	SQ.FT	UR
32	PLUMBING	SUPPLY & FIXING OF 3/4" CPVC WATER LINE	RMT.	UR
33	PLUMBING	SUPPLY & FIXING OF 2 1/2" PVC WASTE WATER LINE	RMT	UR
34	PLUMBING	SUPPLY & FIXING OF 1 1/2" PVC WASTE WATER LINE	RMT.	UR
35	GLASS DOOR	DOUBLE LEAF TOUGHENED GLASS 12MM WITH FLOOR SPRING	1800MM X 2100MM	1
36	PARTITION	PARTLY GLAZED WOODEN PARTITION. LAMINATE FINISH WITH 8MM FLOAT GLASS	SQ. FT.	200
37	GLASS	3M ETCHING FILM FOR GLASS	SQ.FT	100
38	DOORS	SINGLE LEAF FLUSH DOOR WITH LAMINATE WITH FLOOR SPRING	750MM X 2100MM	1
39	PARTITION	70MM THICK SINGLE SKIN OPAQUE GYPSUM PARTITION	SQ FT	200
40	DOOR	SINGLE LEAF FLUSH DOOR WITH LAMINATE , FLOOR SPRING & VISON PANEL	900MM X2100MM	1