BOQ (To be read in conjunction with the specifications)

Sr.No	Drawing code	Name of item	Dimensions Length x width x height (in mm.)	Qty	Rate (to be filled by the vendor)	Amount (to be filled by the vendor)	Remarks
1	EQT1	Equipment table with electrical trunking	900x900x900	8			As per WWB in drawings
2	Equipment table		2400x800x900	2			As per WWB in drawings
3	granite top table		6.5ft X2.5 ft x3	1			All the granite table top anti-vibration pads to me constructed as per the drawing enclosed for WWB and IWB with anti-vibration pad under the legs.
4	granite top table		10ft X 4ft x2.8ft	2			All the granite table top anti-vibration pads to me constructed as per the drawing enclosed for WWB and IWB with anti-vibration pad under the legs.
5	granite top table with 1 full shelf		460x460x900	1			As per WWB in drawings
6	granite top table with 1.5 ft one-side shelves and with anti-vibration pads		1525X915X850	1			All the granite table top anti-vibration pads to me constructed as per the drawing enclosed for WWB and IWB with anti-vibration pad under the legs.
7	granite top table with anti-vibration pads		4 ft X 2.5 ft x 3	1			All the granite table top anti-vibration pads to me constructed as per the drawing enclosed for WWB and IWB with anti-vibration pad under the legs.
8	granite top table with anti-vibration pads and reagent rack		4 ft X 2.5 ft x 3	2			All the granite table top anti-vibration pads to me constructed as per the drawing enclosed for WWB and IWB with anti-vibration pad under the legs.
9	granite top table with no shelves		610x610x700	1			

10	granite top table with no shelves and with anti-vibration pads		1525X610X850	1			All the granite table top anti-vibration pads to me constructed as per the drawing enclosed for WWB and IWB with anti-vibration pad under the legs.
11	granite top table with no shelves and with anti-vibration pads		305X915X850	1			All the granite table top anti-vibration pads to me constructed as per the drawing enclosed for WWB and IWB with anti-vibration pad under the legs.
12	Granite Top Tables with Anti-vibration pads		1220x600x900	2			All the granite table top anti-vibration pads to me constructed as per the drawing enclosed for WWB and IWB with anti-vibration pad under the legs.
13	Granite Top Tables with Anti-vibration pads-2-tiered (2 shelves)		1220x600x1350	2			All the granite table top anti-vibration pads to me constructed as per the drawing enclosed for WWB and IWB with anti-vibration pad under the legs.
14	WWB1	Wall side work bench	2440x750x900	36			
15	WWB2	Wall side work bench	1830x750x900	52			
16	WWB2A	Wall side work bench	1500x750x900	38			
17	WWB2W	Wall side work bench 3 ft. wide	1830x900x900	2			
18	WWB3	Wall side work bench	1220x750x900	37			
19	1 way tap			13			
20	3 way goose neck tap			100			
21	BSU	Big Sink Unit		21			
22	BSU (c)	Big Sink Unit (ceramic) fixed in granite top	750x900x900	3			As per drawing of Sink unit.
23	BSU (ss)	Big Sink Unit (Stainless Steel) fixed in granite top	750x900x900	2			
24	BSU with drying shelf	for 2 steel and 2 ceramic sinks	Wall unit: 1500x750x900	4			As per drawing of Sink unit. Bowl dimensions given in 28 & 30.
25	drying shelves above wall sinks		600x900	14			
26	ISU	Island Sink Unit	610x1500x900	4			

27	Sink-Ceramic		Bowl: 915x610x300 (LxWxDepth)	3			
28	Sink-Ceramic		bowl of size 800x600x300	2			
29	Sink-Ceramic		Bowl: 600x600x600 (LxWxDepth)	1			
30	Sink-Stainless Steel		bowls of sizes 800x600x300	2			
31	Sink-stainless steel		Bowl: 490x390x290 (LxWxDepth)	2			
32	Sink-Stainless Steel		Bowl: 600x600x600 (LxWxDepth)	1			
33	WSU	Wall-side sink unit	Wall unit: 900x700x600 (LxWxHeight)	2			
34	WSU	Wall side sink unit	600x750x900	24			600x900x700
35	WSU (c)	Wall Sink Unit (ceramic) fixed in granite top	900x600x900	5			As per drawing of Sink unit.
36	WSU (c)	Wall Sink Unit (ceramic) fixed in granite top	900x600x900	2			As per drawing of Sink unit.
37	WSU (ss)	Wall Sink Unit (Stainless Steel) fixed in granite top	900x600x900	2			As per drawing of Sink unit.
38	Corner unit for two WWB3	Must be covered on all sides with CRC steel and should be usable as a storage cabinet.		1			
39	Corner units for STT1 & SST2	Must be covered on all sides with CRC steel with one leaf door with a front lock and should be usable as a storage cabinet.		2			
40	Glass Cabinet		1500x600x2440	2			
41	Glass Cabinet		915x600x2440	1			
42	Glass Cabinet		3 feet length x 1.64 feet width x 6.5 feet height	14			
43	IWB1	Island work bench	2440x1500x900	32			All the IWB and WWB should have underneath cupboards

44	IWB2	Island work bench	1830x1500x900	35			
45	IWB3	Island work bench	1220x1500x900	16			
46	IWB4	Island work bench	915x1500x900	4			
47	SST2	Sitting table	1500x600x750	54			
48	SST2	Sitting table with 2 drawers	1500x600x750	4			
49	STT1		750x600x750	36			
50	STT1	Sitting table with 1 drawer	750x600x750	2			
51	SU1			137			
52	SU2	Storage unit 2		57			In drawing one swell big may please be read as 1 small and one big drawer.
53	Under table storage units for STT1 & SST2	CRC steel with 2 drawers. Must have one small upper drawer and one larger lower drawer/cabinet.	LxHeightxDepth (18''x 22''x27'')	22			All WWB, IWB, STT1, SST2 must have 2'' holes over leg spaces for passage of computer wire and plugs. Holes must be secured with proper guards.
54	Blowers for scrubbers			43			
55	Elephant Trunking			14			As per specs enclosed.
56	Fume hood		3 feet width	3			Fume hood with underneath cupboards should also connected to the ventilation (ducted) through fume hood exhaust. Must be supplied with 8 mm wire capable of handling 8 KVA load with 15 Amp plug points.
57	Fume hood		4 feet width	7			Fume hood with underneath cupboards should also connected to the ventilation (ducted) through fume hood exhaust. Must be supplied with 8 mm wire capable of handling 8 KVA load with 15 Amp plug points.
58	Fume hood		6 feet width	33			Fume hood with underneath cupboards should also connected to the ventilation (ducted) through fume hood exhaust. Must be supplied with 8 mm wire capable of handling 8 KVA load with 15 Amp plug points.

59	Scrubber for 1 fume hood			15			Vendor to inform about the type of scrubber. (induced or forced type)
60	Scrubber for 2 fume hood			14			
61	Hanging Peg racks for glassware drying with pegs		600x600	23			
62	IRR1	Island reagent rack	2400x300x675	24			
63	IRR2	Island reagent rack	1800x300x675	42			
64	IRR2W	Island reagent rack (1.5 feet wide)	2400x450x1350	6			
65	IRR2w	Island reagent rack with electrical trunking(1.5 feet wide)	2400x450x1350	6			
66	IRR3	Island reagent rack	1200x300x675	75			
67	IRR4	Island reagent rack	900x300x675	11			
68	VCC	Ventilated Chemical Cupboard	1830x762x2440	16			
69	VCC	Ventilated Chemical Cupboard	900x600x2440	1			
70	VCC	Ventilated chemical cupboard	1200x750x2400	2			
71	VCC	Ventilated chemical cupboard	1800x750x2400	1			
72	Wall cabinets with locks (2ft wide)		LxHeightxDepth (24''x27''x15'')	85			
73	WCC1	Wall chemical cabinet	2400x675	29			The two ft shutter as shown in the drawing to be made of double-leaf of 1 ft width. This means that 4 sections will have 8 shutters each of 1 ft width.
74	WCC2	Wall chemical cabinet	1500x675	55			The two ft shutter as shown in the drawing to be made of double-leaf of 1 ft width. This means that 3 sections will have 6 shutters each of 1 ft width.

75	WCC3	Wall chemical cabinet	1200x675	110			The two ft shutter as shown in the drawing to be made of double-leaf of 1 ft width. This means that 2 sections will have 4 shutters each of 1 ft width.
76	WRR1	Wall reagent rack	2400x300x675	71			
77	WRR2	Wall reagent rack	1800x300x675	17			
78	WRR2B	Wall reagent rack	1480X300X675	5			Specs as per drawing
79	WRR2W	Wall reagent rack with electrical trunking (1.5 feet wide)	1830x450x675	6			
80	WRR3	Wall reagent rack	1200x300x675	17			
81	Cable trunking/ Vertical service panel			2500 rmt			Size of the trunking as per the attached drawing.
82	Core cutting in RCC slab, size 2”-3”			50 nos			To be cut with core cutting machine.
83	Electrical Points(5/15 Amp of MAKE- L&T/ABB/HAVELS/ANCHOR			3000 nos.			Wiring in the IWB and WWB should not be in series. However the copper wire thickness should be capable of taking at least 10-15 KV load depending on the size of the table and the wire thickness should be about 5-10 sqmm. (for 5 and 15 Amps each point). Parallel Connections only. Twp points, each comprising one 5/15 Amp switch and socket to be connected with one circuit.
84	FRP ducting			1400 rmt			
85	GI pipe ½”			200 rmt			Vendor to make connection from existing line upto the sink.
86	GI pipe ¾”			50 rmt			Vendor to make connection from existing line upto the sink.
87	HDPE piping 2”			200 rmt			Vendor to provide discharge upto the existing point.
88	HDPE piping 3”			200 rmt			

89	Open Wooden Shelves	At least 1.5 ft deep with steel/wooden separators every 2 ft	Height of separators: 1.5 ft	140 ft			Must be made with the same material as STT1 and SST2 with a lip to prevent slippage of objects on the shelf. To be fastened directly on the wall with proper fittings.
90	Plexi sheets to be fixed between microscope benches and regular benches		600x600	30			
91	Safety shower units			10			2-3 Safety shower units in each floor.
92	Tall Cabinets for lab coats shoes etc. (6ft height, 1.5 ft. wide, 1.5 ft deep)		6ft height, 1.5 ft. wide, 1.5 ft deep	8			
93	Tall Steel Cabinets with locks	One shelf at 3 ft dividing each cabinet into 2 compartments with locks each.	6ft height, 1.5 ft. wide, 1.5 ft deep	7			Body made up of 0.8 mm thick CRCA sheet and door frame to be constructed with 1.0 m thick CRCA sheet with powder coating of 50 micron and no glass in doors. One leaf of doors.
94	Eye splash units			25			At least each lab should have one eye splash unit.