

**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     | WWB1          | Wall side work bench | 2440x750x900                                      | 36  |                                   |                                     |  |
| 2     | WWB2          | Wall side work bench | 1830x750x900                                      | 52  |                                   |                                     |  |
| 3     | WWB2A         | Wall side work bench | 1500x750x900                                      | 28  |                                   |                                     |  |
| 4     | WWB3          | Wall side work bench | 1220x750x900                                      | 29  |                                   |                                     |  |
| 5     | WSU           | Wall side sink unit  | 600x900x700                                       | 20  |                                   |                                     |  |
| 6     | IWB1          | Island work bench    | 2440x1500x900                                     | 32  |                                   |                                     | All the IWB and WWB should have underneath cupboards   |
| 7     | IWB2          | Island work bench    | 1830x1500x900                                     | 35  |                                   |                                     |  |
| 8     | IWB3          | Island work bench    | 1220x1500x900                                     | 16  |                                   |                                     |  |
| 9     | IWB4          | Island work bench    | 915x1500x900                                      | 4   |                                   |                                     |  |
| 10    | STT1          | Sitting table        | 750x600x750                                       | 34  |                                   |                                     |  |
| 11    | SST2          | Sitting table        | 1500x600x750                                      | 50  |                                   |                                     |  |
| 12    | BSU           | Big Sink Unit        | xxx   | 18  |                                   |                                     |  |
| 13    | ISU           | Island Sink Unit     | 610x1500x900                                      | 4   |                                   |                                     |  |
| 14    | Glass Cabinet |                      | 3 feet length x 1.64 feet width x 6.5 feet height | 11  |                                   |                                     |  |
| 15    | 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. |
| 16    | Fume hood     |                      | 4 feet width                                      | 6   |                                   |                                     | 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. |
| 17    | 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.  |
| 18 | Elephant Trunking        |   | xxx           | 14        |  |  |  |
| 19 |                          | Under table   | xxx           | 84        |  |  |  |
| 20 | 3 way goose neck tap     |   |               | 100       |  |  |  |
| 21 | 1 way tap                |   |               | 13        |  |  |  |
| 22 |                          | 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. |
| 23 | WRR1                     | Wall reagent rack   | 2400x300x675  | 71        |  |  |  |
| 24 | WRR2                     | Wall reagent rack   | 1800x300x675  | 17        |  |  |  |
| 25 | WRR3                     | Wall reagent rack   | 1200x300x675  | 17        |  |  |  |
| 26 | IRR1                     | Island reagent rack                                       | 2400x300x1350 | 23        |  |  |  |
| 27 | IRR2                     | Island reagent rack                                       | 1800x300x1350 | 41        |  |  |  |
| 28 | IRR3                     | Island reagent rack                                       | 1200x300x1350 | 71        |  |  |  |
| 29 | IRR4                     | Island reagent rack                                       | 900x300x1350  | 11        |  |  |  |
| 30 | WCC1                     | Wall chemical cabinet                                     | 2400x675      | 29        |  |  |  |
| 31 | WCC2                     | Wall chemical cabinet                                     | 1500x675      | 55        |  |  |  |
| 32 | WCC3                     | Wall chemical cabinet                                     | 1200x675      | 110       |  |  |  |
| 33 | FRP ducting              |   |               | 1400 rmt  |  |  |  |
| 34 | Scrubber for 1 fume hood |   |               | 10        |  |  | Vendor to inform about the type of scrubber. (induced or forced type)  |
| 35 | Scrubber for 2 fume hood |   |               | 9         |  |  |  |
| 36 | Scrubber for 3 fume hood |   |               | 5         |  |  |  |
| 37 | VCC                      | Ventilated Chemical Cupboard                              | 1830x762x2440 | 14        |  |  | *1 VCC should have the following dimension 3 feet length x 2 feet width x app. 8 feet height. Before supplying VCC (Ventilated Chemical cupboard) please check the actual dimensions at the site.  |
| 38 | SU1                      |   | xxx           | 121       |  |  |  |
| 39 | SU2 (extra)              | Storage unit 2  | xxx           | 41        |  |  |  |

|    |   |  |  |          |  |  |   |
|----|---|--|--|----------|--|--|---|
| 40 | Blowers for scrubbers                     |  |  | 42       |  |  |   |
| 41 | Cable trunking/<br>Vertical service panel |  |  | 2000 rmt |  |  | Size of the trunking as per the attached drawing.           |
| 42 | Core cutting in RCC slab, size 2"-3"      |  |  | 50 nos   |  |  | To be cut with core cutting machine.                        |
| 43 | HDPE piping 2"                            |  |  | 200 rmt  |  |  | Vendor to provide discharge upto the existing point.        |
| 44 | HDPE piping 3"                            |  |  | 200 rmt  |  |  |   |
| 45 | GI pipe ¾"                                |  |  | 50 rmt   |  |  | Vendor to make connection from existing line upto the sink. |
| 46 | GI pipe ½"                                |  |  | 200 rmt  |  |  | Vendor to make connection from existing line upto the sink. |