|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Item** | **Specification** | **Qty.** | **Bidders Response** |
| 1.1 | Lab Workstation 1 | Item Number **1.1 to 1.7** should supply simultaneously from same supplier Dimensions (Lx W x H): 3000mm x 1200mm x 900mmPower supply: 06Gas supply: 04 (Double nozzle)Separate attached cupboards units 10 or similar amount (1 Cupboards + 1 Drawer + 316 stainless steel handle) reagent bottle rack sink with drainage accessories :02  Polypropylene peg with dip through 700mmx 750mm peg Glassware holders: 02 All specifications of materials according to **annex 1** Warranty: 5 years | 2 |  |
| 1.2 | Octagonal Tables | Dimension: 1400mm x ( 1400mm + 580 mm ) x 900mm (See the **annex 2** )  | 2 |  |
| Rack must be included: according to the Annexure 1  |  |
| Middle : removable and rotatable Central Part |  |
| Work top Epoxy resign |  |
| All specifications of materials according to **annex 1**  |  |
| Warranty : 5 yearsDesign should be according to annexure 2 |  |
| 1.3 | Lab Workstation 2 | Dimensions (Lx W x H): 2100mm x 600mm x 900mmPower supply: 01Gas supply: 04Separate attached cupboards units 2 (1 Cupboards + 1 Drawe) 316 stainless steel handle)sink with drainage accessories :02 Glassware holders: 02All specifications of materials according to **annex 1** Warranty: 5 years | 1 |  |
| 1.4     | Lab workstation 3  | Dimensions (Lx W x H): 3200mm x 600mm x 900mm (single or separated)Power supply: 05Gas supply: 01Separate attached cupboards units 6 (1 Cupboards + 1 Drawer )All specifications of materials according to **annex 1**  | 1 |  |
| Warranty : 5 years |  |
| 1.5      | Lab workstation 4      | Dimensions (Lx W x H): 5000mm x 750mm x 900mm (single or separated) | 1 |  |
| Power supply: 05 |  |
| Gas supply: 01 |  |
| sink with drainage accessories :02  |  |
| Separate attached cupboards units 6 or similar amount (1 Cupboards + 1 Drawer ) |  |
| All specifications of materials according to **annex 1** Warranty : 5 years |  |
| 1.6 | Wall cupboard 1 | Dimensions (Lx W x H): 5000mm x 400mm x 600mm ( Stainless steel bar and sheets with white powder coating + Tempered glass )10 partitions  | 1 |  |
| 1.7 | Wall cupboard 2  | Dimensions (Lx W x H): 3000mm x400 x 600mm(Stainless steel bar and sheets with white powder coating + Tempered glass)6 partitions | 1 |  |
|  |  |  |  |  |
| 2 | Lab stool 1 | Stainless steel with moveable well with backColor – Black or Green with steal color | 10 |  |
| 3 | Lab stool 2 | Stainless steel with moveable well without backColor – Black or Green with steal color | 20 |  |
|   |   |   |  |  |
| 4  | Glassware washer  | Fully Automatic Washer and drierCapacity ~120 Lchamber volume around WxDxH ~ 600\*600\*700 | 1 |  |
| material - stainless steel 316Accessories list should be supply according to the type of glassware |  |
|  |  |
| 5 | Refrigerator ~ 300L for Chemical storage |

|  |  |
| --- | --- |
| Freezer Type | Upright combined freezer  |
| Temperature range | -200C to 00C |
| Adjustable temperature | infinitely adjustable between 0°C / -20°C |
| Insulation | high density polyurethane, with a thickness of 75 mm. CFC-free |
| Refrigerant temperature  | 2-8 0C |
| Refrigeration | CFC-free, Forced -air, through a fan |
| Defrosting | Completely automatic, thermostat controlled. |
| Capacity | Gross 300L |
| Compressors | Hermetic compressor |
| Internal lighting | Yes |
| Door | Single glass door |
| Internal equipment | 3 Open wire shelves rust proof shelf loading capacity 30 Kg |
| Control panel | Microprocessor controlled, Touch buttons and color display (actual temperature,Compressor functioning, defrosting, alarm running, etc.) |
| Alarms for (optional) | - high and low temperature, with limits programmable- power failure- battery discharged- condenser dirty |
| Noise level | Below 53 dB(A) |
| Dimensions | (W x D x H cm) : 70 x 70 x 180 |
| Color | White |
| Voltage (V/ph/Hz) | 220-230 |
| Warranty | 3 Year or more |
| Spare parts availability | 10 Years |
| Manufacture authorization | Yes |

 | 1 |  |
| 6 | Acid storage cupboard | External Dimensions (W x D x H): 1200x 500 x2090 Acid base cabinet should be tested according to the EN 14727 and EN14470 under GS standard Outer body of the cabinet should be constructed using powder coated stainless steel 304 for durabilityInterior Material or epoxy resin with flame retardant plate to prevent corrosion and increase safetyCabinet should have metal free duct system for corrosion free air circulation and exhaust system should facilitate at least 25 times air change inside the cabinet in order to create acid fume free environment inside the cabinetThe unit should supply 8 pull-out shelves with removable plastic sumpLockable door Customized color finished | 1 |  |
| 7 | Glove box | See the **Annexure 3** | 1 |  |
| 8 | eye washer + shower | Safety eye wash in case of First-aid in case of chemical projectionExternal dimensions HxW (mm) 2115 x 850Packing dimensions HxWxD (mm) 350 x 250 x 860Shower flow (L/min) ~75eye-wash ~1.5 litres/minuteCompliance EN 15154-1, EN 15154-2, NF X 15-221Use – Internal use, handle operating, mounted on feetHand operated Pedestal eye-wash and shower, height to shower head 220cm, height to top of eye-wash bowl 107cmStructure stainless steel + epoxy painted  | 1 |  |