**Section 1**

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| **ABOUT YOUR COMPANY** |
| 1 | Name |  |
| 2 | Company |  |
| 3 | Address |  |
| 4 | Email |  |
| 5 | Website |  |
| 6 | Phone Number and Extension |  |
| 7 | Fax |  |
| 8 | You Work For(Please Tick) |  End User/Facility Owner Cleanroom Builder/Contractor Lab Builder/Contractor Distributor |
| 9 | Existing Esco equipment |  |

**Section 2**

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| **PROJECT INFORMATION** |
| 10 | URS Available |  Yes (please attach document) No |
| 11 | Industry |  Pharmaceutical/Biotech Chemicals Food Soap and Detergents Cosmetics Paint Others, please specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 12 | Name of Project |  |
| 13 | Project Location |  |
| 14 | Unit/s Required |  |
| 15 | Deadline of submission for tender |  |
| 16 | Timeline for Purchase |  |
| 17 | Timeline for Installation |  |
| 18 | Application |  |
| 19 | No. of Users |  |
| 20 | Type of Protection |  Operator Protection Product Protection Operator and Product Protection |
| 21 | Exposure Level |  50-100 mcg/m3 (standard) 10-50 mcg/m3 1-10 mcg/m3 <1 mcg/m3 |
| 22 | Level of Need |  Have an approved budget (indicate: \_\_\_\_\_\_\_\_\_\_) Preparing to submit a budget for approval Gathering information for future reference |

**Section 3**

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| **DOWNFLOW BOOTH SPECIFICATION** |
| 23 | Filter Change Option |  Safe Change Option (1.0 m back stack) Safe Change No-Bag (1.0 m back stack) Standard (0.3 m/0.6 m back stack) |
| 24 | External Area Classification |  SA: Safe Area Safe internal ATEX internal ATEX 2G ATEX 3G ATEX 2D |  ED: ATEX 3D ATEX 2GD ATEX 3GD Others: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 25 | Internal Height (add 500 mm to obtain external height) |  21: 2100 mm 25: 2500 mm (max) |
| 26 | External Width (subtract 120 mm to obtain internal width) |  16: 1600 mm 18: 1800 mm 20: 2000 mm 24: 2400 mm 26: 2600 mm 28: 2800 mm 30: 3000 mm 32: 3200 mm 34: 3400 mm |  36: 3600 mm 38: 3800 mm 40: 4000 mm 42: 4200 mm 44: 4400 mm 46: 4600 mm 48: 4800 mm 50: 5000 mm Custom: \_\_\_\_\_\_\_ |
| 27 | Internal Depth (add back stack width to obtain external depth, depends on filter system) |  08: 800 mm 12: 1200 mm 16: 1600 mm 20: 2000 mm 24: 2400 mm (max) |
| 28 | Back Stack Depth |  10: 1.0 m 06: 0.6 m 03: 0.3 m |
| 29 | Filtration System (Check compatibility of option with back stack depth) |  Option A 1.0 m back stack Prefilter G4 Fine dust filter F8 Primary HEPA filter H13 Terminal HEPA filter H14 Distribution Screen PLF Perforated Stainless Steel Polyster mesh Option C 1.0 m back stack Prefilter G4 Fine dust filter F8 Terminal HEPA filter H13 Distribution Screen PLF Perforated Stainless Steel Polyster mesh Option D 0.6 m back stack Prefilter G4 Fine dust filter F8 Terminal HEPA filter H14 |  Option B 1.0 m back stack Prefilter G4 Fine dust filter F8 Primary HEPA filter H13 Terminal HEPA filter H14 Option E 0.3 m back stack Carbon filter Terminal HEPA filter H14 Option F 0.3 m back stack Prefilter G4 Terminal HEPA filter H14 |
| 30 | Fan Filter Access |  A: Internal to booth B: External to booth |
| 31 | Airflow System |  R: Recirculating S: Single Pass |
| 32 | Local Operating System (LOP) Location |  L: Left panel R: Right panel |
| 33 | Bleed Position |  T: Top F: Front Others: \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Material of Construction** |
| 34 | Ceiling Plenum |  A: SS 316 B: SS 304 C: White PC EG Steel |
| 35 | Side Panels, Rear Wall Panels, Exhaust Plenum |  A: SS 316 B: SS 304 C: White PC EG Steel |
| 36 | Filter Housings, Fan Boxes, Spacer (if present) and Transition |  A: SS 316 B: SS 304 C: White PC EG Steel |
| 37 | Plinth |  A: SS 316 B: SS 304 C: White PC EG Steel |
| 38 | Exhaust Grilles |  A: SS 316 B: SS 304 C: White PC EG Steel |
| 39 | Exterior Side Panels |  A: SS 316 B: SS 304 C: White PC EG Steel |
| 40 | Curtains |  Not needed Front PVC Side Wall PVC Front and Side Wall PVC |
| 41 | Voltage Assembly |  A: 230V 50Hz 1Ph 0.3 m back stack B: 400V 50Hz 3Ph 1.0/0.6 m back stack C: 208V 60Hz 3Ph 0.6 m back stack |  D: 480V 60 Hz 3Ph 1.0/0.6 m back stack E: 120V 60Hz 1Ph 0.3 m back stack |
| 42 | Main Control Panel (MCP) Location |  OR: Onboard right OL: Onboard left OF: Onboard front RM: Remote mounted |
| 43 | Control Type (Check compatibility of option with back stack depth) |  Option 1 PLC/PB’s/PDI/PDT 1.0/0.6 m back stack Allen-Bradley Comp. Closed loop Option 2 PLC/PB’s/PDI/PDT 1.0/0.6 m back stack Siemens Components Closed loop Option 3 PLC/HMI/PDT 1.0/6.0 m back stack Allen-Bradley Comp. Closed loop |  Option 4 PLC/HMI/PDT 1.0/0.6 m back stack Siemens Components Closed loop Option 5 PDI/PDT 0.3 m back stack Sentinel Gold Open loop |
| 44 | Cooling Type |  CC: Chilled water DX: Direct expansion GL: Glycol NIL: No Cooling |
| 45 | Other Options |  01: High Containment Screen ( Integrated; Portable) 02: Benches, SST or Granite tables, W x D, fixed to booth or stand alone 03: Computer Monitor Mounting Screen 04: Airlock 05: UV Light Guards 06: Two additional Electrical Outlets 07: Pass through 08: Side Wall Fire Sprinkler Penetration 09: Top-Ceiling Fire Sprinkler Penetration 10: Material Handling 11: Vision Panel 12: Sound Insulation 13: Ethernet & RS-232 Pass Through Connections 14: Bumper Rails 15: Temperature and RH Local Display 16: Drum Tipper 17: RH control |