**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 | |