**Technical Specification**

**A) Anti-static Anti microbial Cleanroom Garments**

 **Qty.----------1 Lot**

One lot of anti static Anti microbial cleanroom garments comprises of following:

1) Anti-Static cleanroom garment set consisting of

 Coverall, hood, face mask and soft sole booties, size S ------- 20 Nos.

2) Anti-Static cleanroom garment **set** consisting of

 Coverall, hood, face mask and soft sole booties, size L ------- 30 Nos.

3) Anti-Static cleanroom garment **set** consisting of

 Coverall, hood, face mask and soft sole booties, size XL ------- 30 Nos.

**Garments specifications:**

Garments shall conform to following specifications

|  |  |  |
| --- | --- | --- |
| **S No.** | **Parameter** | **Value/Description** |
| 1 | Fabric | Densely woven continuous filament polyester fabric with ESD stripe |
| 2 | Application | Suitable for Cleanroom class 10 (ISO Class 4) and higher  |
| 3 | Surface resistivity | 107 to 109 ohms/square |
| 4 | Air permeability at 120 Pa | 3.5 L/dm2 / min (Maximum) |
| 5 | Tensile strength-wrap | 800 newton or above (ASTM-5034) |
| 6 | Mean pore size | < 3 micron (Porometer method) |
| 7 | Filtration efficiency (particle > 0.5 micron) | > 90 % |
| 8 | Static Decay- warp | < 0.05 second |

1. **General note:-**
* Bidder is required to submit technical brochure, grade, make, along with their offer. The bidder should also attach a compliance table with point-wise compliance/ deviation of each specification of the quoted item with respect to the indent specifications.. Failure to this, the offer will be treated technically incomplete and the offer will be rejected.
1. **Acceptance Criteria:**
* Items should be supplied in original packing condition of original equipment manufacturer (OEM).
* The items date of manufacturing should be within six months from the date of supply.
* The items should be supplied with test certificates of the OEM meeting all the technical parameters.