

**Air Conditioning Filters
Statewide Contract
RFx # 3000025182**

Attachment B – Specifications

FILTER REQUIREMENTS:

1. Fiberglass Disposable: To be constructed from a layer of fiberglass bonded between two metal grids. The metal grids to provide rigidity to the filter. The filter to be encased in a cardboard frame.
2. Extended Surface Non-Supported Pocket, 40-45% Efficiency: To be constructed of synthetic media. Shall be a minimum MERV (Maximum Efficiency Reporting Value) 10 and meet American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) efficiency ratings.
3. Extended Surface Non-Supported Pocket, 90-95% Efficiency: To be constructed of synthetic media. Shall be a minimum MERV 14 and meet ASHRAE efficiency ratings.
4. Extended Surface, Supported Box Style, 80-90% Efficiency: To be constructed of synthetic media having a galvanized steel frame designed to withstand environmental conditions. Shall be minimum MERV 14 and meet ASHRAE efficiency ratings.
5. Extended Surface Pleated Panel, 1”, 2”, and 4”, 30-40% Efficiency: To be used in HVAC fresh air, air handling units. Industrial pleated filters to be constructed of synthetic fibers in order to obtain high dust control and filtering efficiency. Filters shall be glued to a metal backing to prevent air filters from sagging or flexing while in use to prevent air by-pass. Shall be a minimum of MERV 7 and meet ASHRAE efficiency ratings, Standard 52.1 or Standard 52.2.
6. Extended Surface Pleated Panel, 1”, 2”, and 4”, 80-90% Efficiency: To be used in HVAC fresh air, air handling units. Industrial pleated filters to be constructed of synthetic fibers in order to obtain high dust control and filtering efficiency. Filters shall be glued to a metal backing to prevent air filters from sagging or flexing while in use to prevent air by-pass. Shall be minimum of MERV 13 and meet ASHRAE efficiency ratings, Standard 52.1 or Standard 52.2.
7. Extended Surface Pleated Panel, Replacement/Insert: To be constructed of fibers in order to obtain high dust control and filtering efficiency. Shall be a minimum of MERV 7 and meet ASHRAE efficiency ratings, Standard 52.1 or Standard 52.2.

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8. Triple Layer Filter: Shall have a MERV value of 8 and meet ASHRAE efficiency ratings Standard 52.2. The filter shall meet ANSI/UL-900 requirements.
9. Automatic roll filter: To fit in automatic, semi-automatic, and manual type roll filter machines.
10. Polyester Filter Pads: Shall be a minimum MERV 7 and meet ASHRAE efficiency ratings, Standard 52.1 or Standard 52.2.
11. Metal Pad, Holding Frames: To be made of galvanized construction, hinge gate designed for quick and easy filter changes.
12. HEPA Filter: 99.99%, no header, single header, and double turn style header. Metal frame, media to be water resistant, continuous sheet of pleated microfiber with aluminum separators.
13. The following categories listed within this solicitation are green products:
 - a. Extended surface non-supported pocket 90-95% efficiency
 - b. Extended surface supported pleat 80-90% efficiency
 - c. Extended surface supported pleat 90-95% efficiency
 - d. Extended surface pleated panel 80-90% efficiency

SPECIAL CONDITIONS:

- Air Filter Catalog:** The bidder(s) must provide a published, commercially available catalog that:
- a. Is regularly maintained by a manufacturer or contractor, and
 - b. Is either published or otherwise available for inspection by customers and/or the general public.

The bidder(s) will be required to provide the catalogs in both hard copy and electronic format. The State desires the electronic version in PDF format and Excel format. The electronic version shall contain the following elements for each item:

- Description of the product
- List price of the item
- Discount to the State
- Net cost to the State
- Part number/SKU number