



**COUNTY OF ERIE
DIVISION OF PURCHASE
MEMORANDUM**

To: All Using Departments

From: Jamie Kucewicz, Buyer

Date: April 3, 2025

Subject: FILTERS

Bid No.: A250042-002

Effective Dates: April 1, 2025 through March 31, 2026

Vendor: Clark Air Systems
129 Elm Street
East Aurora, NY 14052
Telephone: (716)-652-7870

Pricing: per attached documents

Specifications

General

Filters shall be 15/40 3-Ply Panel and Link Filters

The quantity sizes and capacities shall be as scheduled or noted on the drawings or other supporting documents.

Construction

The filter media shall consist of a non-woven blend of 100% no. 15 denier polyester with a uniformly penetrated vinyl acetate resin binder (20-23%).

The Antimicrobial treatment will be Ultra-Fresh NM-V2 which is Greenguard certification.

The filter shall have a downstream layer that is composed of a needled, synthetic media that has dual directional strength, ensuring filter integrity as it becomes loaded.

The filter shall utilize two distinctive tackifiers, both a wet and dry tack, to maximize filtration.

The filter shall utilize an internal wire support constructed of a nine- and one-half gauge galvanized wire. Cross wires will be utilized on all panels greater than eleven and one quarter inches for added rigidity.

The internal wire support shall be encapsulated between the different piles of synthetic media by a thermally generated seal.

Family Court: The 24x24x2 pleated filters should be MERV 10

Aeolus Minipleat filters must have reinforced frames only – no cardboard

HVAC Repair Shop: The “bag” filters have a galvanized steel frame and fiberglass open throat pocket design with a MERV rating of 14.

25 Delaware: V-Cell/Box Filters – MERV 14 (90-95%), 4-panel minimum

Pre-Filters – 3-ply with antimicrobial MERV 10 (50-55%)

Options

The filter shall be Class 1 per Standard 900 from Underwriters Laboratories.

The filter shall be treated with an EPA Registered Antimicrobial to inhibit the growth of mold, mildew and bacteria.

The filters shall be available in a linked panel configuration.

The filter shall be available in a configuration for confined or limited access units.

Performance

Link Filter performance must meet Minimum Efficiency Reporting Value of 8 according to ASHRAE Standards 52.2-1999. A wet tackifier must be applied to assist in retaining particles within the filter. Each link shall have a galvanized frame, heat-sealed between both plies.

Pleated Filters performance must meet the Minimum Efficiency Reporting Value of 8 according to ASHRAE Standards 52.2-1999. The filter shall achieve a minimum E2 value of 55.5% and a minimum E3 value of 59.4%. The filter shall have a final resistance of 1.0W.G.

Viledon MF90s shall have a MERV 14 Efficiency when tested at 1968 cfm per ASHRAE test standard 52.-2. The maximum initial pressure drop of 0.36" W.C. tested at 492 FPM.

The filter shall have a documented maximum initial pressure drop of 0.31 inches WC when tested at 492 FPM.

The filter shall be tested to ASHRAE test standard 52.-2 and conducted by an independent lab and have a MERV 15 Efficiency when tested at 1968 CFM.

The filter shall have a documented burst strength of no less than > 12" w.g.

The filter shall be certified by Greenguard Environmental Institute Certification No: AC1AF97011-1 low-emitting materials and products.

Bid Requirements

The bidder shall provide one (1) nominal size sample filter and an independent ASHRAE report if requested.

The bidder shall provide certification from the Greenguard Environmental Institute for low-emitting materials and products and provide a Certificate of Certification if requested.

Bid #250042-002

PRICING SHEET

LOCATION	EST. QUANTITY	TYPE	SIZE	PRICE EACH	TOTAL
YOUTH DETENTION	96	PRIME PLT HC M8A	12 X 20 X 2	4.37	419.52
YOUTH DETENTION	48	PRIME PLT HC M8A	14 X 20 X 2	4.21	202.08
YOUTH DETENTION	128	PRIME PLT HC M8A	16 X 20 X 2	4.32	552.96
YOUTH DETENTION	144	PRIME PLT HC M8A	20 X 25 X 2	4.80	691.20
YOUTH DETENTION	96	PRIME PLT HC M8A	12 X 24 X 2	4.24	407.04
YOUTH DETENTION	32	PRIME PLT HC M8A	18 X 24 X 2	4.61	147.52
YOUTH DETENTION	144	ULTRA 4 MERV 13 SYN. MEDIA DIE CUT FRAME MINIPLEAT	20 X 25 X 4	58.92	8,484.48
YOUTH DETENTION	96	ULTRA 4 MERV 13 SYN. MEDIA DIE CUT FRAME MINIPLEAT	12 X 24 X 4	46.68	4,097.28
YOUTH DETENTION	18	ALUM. MESH WASHABLE SMITH LT16251N	16 X 25 X 1	22.67	408.06
YOUTH DETENTION	36	ALUM. MESH WASHABLE SMITH LT20251N	20 X 25 X 1	22.00	792.00
ECCF	36	Aeolus Mini Pleated 90% Efficiency, Merv 15	24 X 24 X 4	64.71	2,329.56
ECCF	79	Aeolus Mini Pleated 90% Efficiency, Merv 13	20 X 25 X 2	37.87	2,991.73
ECCF	55	Aeolus Mini Pleated 90% Efficiency, Merv 13	20 X 20 X 2	37.69	2,072.95
ECCF	4	Aeolus Mini Pleated 90% Efficiency, Merv 13	16 X 20 X 2	33.41	133.64
ECCF	12	Z-LINE ZL PLEATED MERV 10	11 X 45 X 1	7.56	90.72
ECCF	36	Z-LINE ZL PLEATED MERV 10	16 X 20 X 1	3.85	138.60
ECCF	24	Z-LINE ZL PLEATED MERV 10	20 X 20 X 1	3.95	94.80
ECCF	24	Z-LINE ZL PLEATED MERV 10	8 X 20 X 1	5.07	121.68
ECCF	6	Z-LINE ZL PLEATED MERV 10	20 X 25 X 1	4.01	24.06

LOCATION	EST. QUANTITY	TYPE	SIZE	PRICE EACH	TOTAL
PUBLIC SAFETY CAMPUS	256	Z-LINE ZL PLEATED -MERV 13	24 X 24 X 2	8.11	2,076.16
PUBLIC SAFETY CAMPUS	32	Z-LINE ZL PLEATED -MERV 13	20 X 24 X 2	7.63	244.16
PUBLIC SAFETY CAMPUS	48	Z-LINE ZL PLEATED -MERV 13	12 X 24 X 2	6.81	326.88
PUBLIC SAFETY CAMPUS	32	Z-LINE ZL PLEATED -MERV 13	16 X 20 X 2	6.96	222.72
PUBLIC SAFETY CAMPUS	20	Z-LINE ZL PLEATED -MERV 13	20 X 25 X 4	13.55	271.00
PUBLIC SAFETY CAMPUS	12	Z-LINE ZL PLEATED -MERV 13	16 X 30 X 2	8.09	97.08
PUBLIC SAFETY CAMPUS	8	Z-LINE ZL PLEATED -MERV 13	17.5 X 31.5 X 4 - EXACT **	38.03	304.24
PUBLIC SAFETY CAMPUS	12	Z-LINE ZL PLEATED -MERV 13	26 X 28.5 X 2	26.84	322.08
PUBLIC SAFETY CAMPUS	32	SERIES 154 3/PLY LINK	25 X 112	33.01	1056.32
PUBLIC SAFETY CAMPUS	20	95% AEOLUS V-CELL MERV 15	20 X 24 X 12	78.88	1577.60
PUBLIC SAFETY CAMPUS	8	95% AEOLUS V-CELL MERV 15	24 X 24 X 12	89.18	713.52
PUBLIC SAFETY CAMPUS	4	95% AEOLUS V-CELL MERV 15	20 X 20 X 12	76.41	305.64
PUBLIC SAFETY CAMPUS	4	99.99% HC METAL HEPA	24 X 24 X 11.5	281.41	1,125.64
PUBLIC SAFETY CAMPUS	8	HIGH VELOCITY PLEAT -MERV 13	24 X 24 X 2	8.11	64.88
PUBLIC SAFETY CAMPUS	12	FIBERGLASS DISPOSABLE	8-7/8 X 24-1/8 X 1	6.41	76.92
PUBLIC SAFETY CAMPUS	24	KOCH DURAMAX 4V MERV 11, V-BANK MINIPLEAT	24 X 24 X 12	88.17	2,116.08
PUBLIC SAFETY CAMPUS	24	KOCH C & I FIBERGLASS DISPOSABLE	14 X 29 X 1	8.16	195.84
FAMILY COURT	144	Z-LINE ZL PLEATED MERV 13	24 X 24 X 2	4.61	663.84
FAMILY COURT	144	Z-LINE ZL PLEATED MERV 13 , BOX STYLE	24 X 24 X 4	59.13	8,514.72
FAMILY COURT	108	POLY , RING PANELS ,3 PLY	24 x 24 X 1	5.84	630.72
77 WEST EAGLE	12	PLEATED GLASFLOSS, MERV 13	24 X 24 X 2	8.11	97.32
77 WEST EAGLE	6	PLEATED GLASFLOSS, MERV 13	12 X 24 X 2	6.81	40.86
77 WEST EAGLE	6	PLEATED GLASFLOSS, MERV 13	20 X 24 X 2	7.63	45.78

LOCATION	EST. QUANTITY	TYPE	SIZE	PRICE EACH	TOTAL
RATH	688	PLEATED MERV 14	24 X 24 X 4	14.28	9,824.64
RATH	56	PLEATED MERV 14	23.5 X 23.5 X 2	27.76	1,554.56
RATH	14	PLEATED 12 BOX MERV 14	24 X 24 X 12	88.17	1,234.38
RATH	8	PLEATED BOX MERV 14	20 x 20 x 12	75.68	605.44
RATH	8	PLEATED MERV 14	28 x 24 x 2	31.68	253.44
RATH	16	PLEATED MERV 14	16 x 20 x 2	6.96	111.36
RATH	2	PLEATED MERV 14	20 X 20 X 4	12.60	25.20
RATH	32	PLEATED MERV 14	20 X 20 X 1	6.93	221.76
RATH	8	PLEATED MERV 8	9-3/4 X 19-5/8 X 1	5.79	46.32
RATH	16	PLEATED MERV 8	9 X 31 X 1	6.01	96.16
RATH	3	PRE-ROLL FILTER, 1" THICK POLY MATERIAL	22" X 50" 90'	19.36	58.08
RATH	1	PRE-ROLL FILTER, 1" THICK POLY MATERIAL	33" X 64" 90'	27.31	27.31
RATH	1	PRE-ROLL FILTER, 1" THICK POLY MATERIAL	69" X 104" 90'	55.12	55.12
RATH	3	PRE-ROLL FILTER, 1" THICK POLY MATERIAL	45" X 94" 90'	39.23	117.69

LOCATION	EST. QUANTITY	TYPE	SIZE	PRICE EACH	TOTAL
25 DELAWARE	25	V-CELL ,4V,SYNTHETIC,AEOLUS,MERV 15	12 X 24 X 12	53.57	1,339.25
25 DELAWARE	62	V-CELL ,4V,SYNTHETIC,AEOLUS,MERV 15	20 X 20 X 12	75.68	4,692.16
25 DELAWARE	119	V-CELL ,4V,SYNTHETIC,AEOLUS,MERV 15	20 X 24 X 12	77.88	9,267.72
25 DELAWARE	52	V-CELL ,4V,SYNTHETIC,AEOLUS,MERV 15	24 X 24 X 12	88.17	4,584.84
25 DELAWARE	6	NOMINAL 3-PLY LINK POLY,GLASFLOSS ,MERV 10	16 X 134	34.95	209.70
25 DELAWARE	8	NOMINAL 3-PLY LINK POLY,GLASFLOSS ,MERV 10	16 X 148	27.88	223.04
25 DELAWARE	24	NOMINAL 3-PLY LINK POLY,GLASFLOSS ,MERV 10	16 X 64	17.47	419.28
25 DELAWARE	6	NOMINAL 3-PLY LINK POLY,GLASFLOSS ,MERV 10	16 X 72	13.56	81.36
25 DELAWARE	18	NOMINAL 3-PLY LINK POLY,GLASFLOSS ,MERV 10	20 X 116	33.50	602.96
25 DELAWARE	10	NOMINAL 3-PLY LINK POLY,GLASFLOSS ,MERV 10	20 X 134	43.43	434.30
25 DELAWARE	4	NOMINAL 3-PLY LINK POLY,GLASFLOSS ,MERV 10	20 X 140	33.01	132.04
25 DELAWARE	4	NOMINAL 3-PLY LINK POLY,GLASFLOSS ,MERV 10	20 X 40	9.29	37.16
25 DELAWARE	18	NOMINAL 3-PLY LINK POLY,GLASFLOSS ,MERV 10	20 X 72	14.73	265.14
25 DELAWARE	16	NOMINAL 3-PLY LINK POLY,GLASFLOSS ,MERV 10	24 X 90	24.80	396.80
25 DELAWARE	4	NOMINAL 3-PLY LINK POLY,GLASFLOSS ,MERV 10	25 X 105	24.64	98.56

LOCATION	EST. QUANTITY	TYPE	SIZE	PRICE EACH	TOTAL
HVAC SHOP	48	1" MERV 11 PLEATED	16 X 20 X 1	4.23	203.04
HVAC SHOP	24	1" MERV 11 PLEATED	16 X 25 X 1	4.32	103.68
HVAC SHOP	20	1" MERV 11 PLEATED	20 X 20 X 1	4.32	86.40
HVAC SHOP	12	1" MERV 11 PLEATED	20 X 22 X 1	4.63	55.56
HVAC SHOP	12	1" MERV 11 PLEATED	20 X 25 X 1	4.43	53.16
HVAC SHOP	6	1" MERV 11 PLEATED	24 X 18 X 1	4.35	26.10
HVAC SHOP	12	1" MERV 11 PLEATED	24 X 24 X 1	4.53	54.36
HVAC SHOP	16	1" MERV 11 PLEATED	25 X 14 X 1	4.45	71.20
HVAC SHOP	9	1" MERV 11 PLEATED	9.75 X 60.25 X 1	12.71	114.39
HVAC SHOP	12	2" MERV 11 PLEATED	16 X 30 X 2	5.07	60.84
HVAC SHOP	12	2" MERV 11 PLEATED	16 X 32 X 2	14.47	173.64
HVAC SHOP	40	2" MERV 11 PLEATED	16 X 24 X 2	4.77	190.80
HVAC SHOP	60	2" MERV 11 PLEATED	16 X 25 X 2	4.56	273.60
HVAC SHOP	36	2" MERV 11 PLEATED	20 X 20 X 2	4.56	164.16
HVAC SHOP	24	2" MERV 11 PLEATED	16 X 35 X 2	14.95	358.80
HVAC SHOP	24	2" MERV 11 PLEATED	20 X 30 X 2	5.40	129.60
HVAC SHOP	24	2" MERV 11 PLEATED	14 X 30 X 2	4.89	117.36
HVAC SHOP	12	2" MERV 11 PLEATED	15 X 20 X 2	4.56	54.72
HVAC SHOP	4	2" MERV 11 PLEATED	30 X 36 X 2	12.17	48.68
HVAC SHOP	38	2" MERV 11 PLEATED	16 x 20 x 2	4.33	164.54
HVAC SHOP	9	2" MERV 11 PLEATED	17.5 x 19.5 x 2	8.48	76.32
HVAC SHOP	24	2" MERV 11 PLEATED	20 x 25 x 2	4.81	115.44
HVAC SHOP	24	2" MERV 11 PLEATED	24 x 24 x 2	5.08	121.92
HVAC SHOP	60	2" MERV 11 PLEATED	14 x 20 x 2	4.20	252.00

LOCATION	EST. QUANTITY	TYPE	SIZE	PRICE EACH	TOTAL
HVAC SHOP	32	2" MERV 11 PLEATED	14 x 25 x 2	4.69	150.08
HVAC SHOP	24	2" MERV 11 PLEATED	20 x 24 x 2	4.76	114.24
HVAC SHOP	16	2" MERV 11 PLEATED	14 x 14 x 2	7.56	120.96
HVAC SHOP	12	2" MERV 11 PLEATED	20 x 35 x 2	6.17	74.04
HVAC SHOP	12	2" MERV 11 PLEATED	12 x 24 x 2	4.25	51.00
HVAC SHOP	24	2" MERV 11 PLEATED	20 x 20 x 2	4.56	109.44
HVAC SHOP	16	4" MERV 11 PLEATED	16 x 25 x 4	7.87	125.92
HVAC SHOP	36	4" MERV 11 PLEATED	24 x 24 x 4	8.92	321.12
HVAC SHOP	12	4" MERV 11 PLEATED	20 x 25 x 4	8.47	101.64
HVAC SHOP	28	4" MERV 11 PLEATED	20 x 24 x 4	8.35	233.80
HVAC SHOP	16	POCKET FILTER	24 X 24 X 18	39.49	631.84
HVAC SHOP	6	POCKET FILTER	20 X 24 X 18	34.99	209.94

LOCATION	EST. QUANTITY	TYPE	SIZE	PRICE EACH	TOTAL
134 WEST EAGLE	19	95% AEOLUS V-CELL MERV 15	12 X 24 X 12	55.68	1057.92
134 WEST EAGLE	50	95% AEOLUS V-CELL MERV 15	24 X 24 X 12	89.19	4459.50
134 WEST EAGLE	76	3-PLY PANEL ,MERV 8	12 X 24	4.32	328.32
134 WEST EAGLE	236	3-PLY PANEL ,MERV 8	24 X 24	5.84	1378.24
134 WEST EAGLE	20	3-PLY PANEL ,MERV 8	20 X 60	13.95	279.00
134 WEST EAGLE	8	Z-LINE ZL PLEATED MERV 10	20 X 20 X 2	4.13	33.04
134 WEST EAGLE	8	Z-LINE ZL PLEATED MERV 10	16 X 25 X 2	4.13	33.04
134 WEST EAGLE	8	Z-LINE ZL PLEATED MERV 10	24 X 24 X 2	4.61	36.88
134 WEST EAGLE	16	Z-LINE ZL PLEATED MERV 10	20 X 24 X 2	4.33	69.28
134 WEST EAGLE	48	Z-LINE ZL PLEATED MERV 13	15 X 20 X 2	4.13	198.24
134 WEST EAGLE	64	Z-LINE ZL PLEATED MERV 10	16 X 20 X 2	3.96	253.44
134 WEST EAGLE	12	Z-LINE ZL PLEATED MERV 10	12 X 20 X 2	3.99	47.88
134 WEST EAGLE	12	Z-LINE ZL PLEATED MERV 10	16 X 20 X 1	3.85	46.20

LOCATION	EST. QUANTITY	TYPE	SIZE	PRICE EACH	TOTAL
ECMC	48	Koch Merv 8 SC Pleats	20+20+2	3.95	189.60
ECMC	36	Koch Merv 8 SC Pleats	20+25+2	4.16	149.76
ECMC	48	Koch Merv 8 SC Pleats	16+20+2	3.75	180.00
ECMC	48	Koch Merv 8 SC Pleats	16+16+2	3.61	173.28
ECMC	60	Koch Merv 8 SC Pleats	24+24+2	4.39	263.40
ECMC	48	Koch Merv 8 SC Pleats	20+24+2	4.12	197.76
ECMC	24	Koch Merv 8 SC Pleats	18+24+2	4.01	96.24
ECMC	48	Koch Merv 8 SC Pleats	24+24+1	3.93	188.64
ECMC	24	Koch Merv 8 SC Pleats	12+24+1	3.61	86.64
ECMC	6	AAF Varicel 2+ SC Plastic Framed, Merv 14 Minipleats	18+24+4	71.21	427.26
ECMC	4	AAF Varicel 2+ SC Plastic Framed, Merv 14 Minipleats	16+16+4	68.55	274.20
ECMC	6	Koch Multiflo, MERV 11, galvinzed Non-Headered Box Filter 112-653-001	24+24+12	69.24	415.44
ECMC	4	AAF Varicel VXL STD Plastic Framed MERV 14- V-Bank Minipleat	24+24+12	81.40	325.60
ECMC	6	Koch Multiflo, MERV 11, galvinzed Single Headered Box Filter 112-662-001	24+24+12	63.87	383.22