



**COUNTY OF ERIE
DIVISION OF PURCHASE
MEMORANDUM**

To: All Using Departments

From: Jamie Kucewicz, Buyer

Date: April 23, 2021

Subject: FILTERS - ECC

Bid No.: 221033-002

Effective Dates: April 1, 2021 through March 31, 2022

Vendor: E.M. Cahill Co.
519 South Wilbur Avenue
Syracuse, NY 13204

Contact: Chris Buchnowski

Telephone #: (716) 860-0675

Pricing: per attached document



COUNTY OF ERIE
MARK C. POLONCARZ
COUNTY EXECUTIVE
DIVISION OF PURCHASE
INVITATION TO BID

Bids, as stated below, will be received and publicly opened by the Division of Purchase in accordance with the attached specifications. FAX bids are unacceptable. Bids must be submitted in a sealed envelope to:

County of Erie
 Division of Purchase
 Attention: JAMES D. KUCEWICZ, BUYER (716) 858-6336
 95 Franklin Street, Room 1254
 Buffalo, New York 14202-3967

NOTE: Lower left-hand corner of envelope MUST indicate the following:

BID NUMBER: 221033-002

OPENING DATE: MARCH 10, 2021 TIME: 11:00AM

FOR: FILTERS - ECC

NAME OF BIDDER: Em Cahill Co.

If you are submitting other Invitations to Bid, each bid must be enclosed in a separate envelope.

Following EXHIBITS are attached to and made a part of the bid specifications, and part of any agreement entered into pursuant to this Invitation to Bid:

- EXHIBIT "A" - Assignment of Public Contracts
- EXHIBIT "B" - Purchases by Other Local Governments or Special Districts
- EXHIBIT "C" - Construction/Reconstruction Contracts
- EXHIBIT "D" - Bid Bond (Formal Bid)
- EXHIBIT "E" - Bid Bond (Informal Bid)
- EXHIBIT "EP" - Equal Pay Certification
- EXHIBIT "F" - Standard Agreement
- EXHIBIT "G" - Non-Collusive Bidding Certification
- EXHIBIT "H" - MBE/ WBE Commitment
- EXHIBIT "IC" - Insurance CLASSIFICATION "A"
- EXHIBIT "P" & EXHIBIT "PBI" - Performance Bond
- EXHIBIT "PW" - NYS Prevailing Wage
- EXHIBIT "Q" - Confined Space Program Certification
- EXHIBIT "V" - Vendor Federal Compliance Certification

County of Erie
 DIVISION OF PURCHASE
NON-COLLUSIVE BIDDING CERTIFICATION

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of his knowledge and belief:

(1) the prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or any competitor;

(2) unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and

(3) no attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

NOTICE

(Penal Law, Section 210.45)

IT IS A CRIME, PUNISHABLE AS A CLASS A MISDEMEANOR UNDER THE LAWS OF THE STATE OF NEW YORK, FOR A PERSON, IN AND BY A WRITTEN INSTRUMENT, TO KNOWINGLY MAKE A FALSE STATEMENT, OR TO MAKE A FALSE STATEMENT, OR TO MAKE A STATEMENT WHICH SUCH PERSON DOES NOT BELIEVE TO BE TRUE.

BID NOT ACCEPTABLE WITHOUT FOLLOWING CERTIFICATION:

Affirmed under penalty of perjury this 14th day of March, 20 21

TERMS Net 30 DELIVERY DATE AT DESTINATION Full Freight Allowed

FIRM NAME Em Cahill Co.

ADDRESS 519 Wilbur Ave.

Syracuse, N.Y.

ZIP 13204

AUTHORIZED SIGNATURE Christopher Buchowski

TYPED NAME OF AUTHORIZED SIGNATURE Christopher Buchowski

TITLE Sales - Engineer TELEPHONE NO. 716-860-0675

County of Erie
DIVISION OF PURCHASE
BID SPECIFICATIONS

BID NO 221033-002

Ship to: County of Erie
 Attention: Various Erie Community College locations
 Address: (see list in bid specifications)

Ship Via: Best Way
 Date Required at Destination: AS REQUESTED

ITEM NO.	QUAN -TITY	UM	CATALOG NO./DESCRIPTION	UNIT PRICE	TOTAL PRICE
			Erie County is seeking pricing for various three-ply filters to be		
			delivered "as needed" throughout the term of the contract to various		
			Erie Community College locations. Quantities on Price Sheets are		
			estimates and actual quantities ordered may vary.		
			Please use attached price sheets to submit your prices.		
			All shipping and delivery costs must be included in price.		
			The contract term is April 1, 2021 through March 31, 2022.		

NOTE: Bid results cannot be given over the phone. All requests for bid results should be submitted in writing or faxed to:

ERIE COUNTY DIVISION OF PURCHASE
 Freedom of Information Officer
 95 Franklin Street, Rm. 1254
 Buffalo, NY 14202
 FAX #: 716/858-6465

NAME OF BIDDER _____

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, insuring 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 9½ 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.

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 ply.

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, upon request, one (1) nominal size sample filter and an independent ASHRAE report.

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

Bid #221033-002

Filters - ECC

PRICING SHEET

SITE	ESTIMATED QUANTITY	TYPE	SIZE	PRICE EACH	TOTAL
North	2	2- Ply Link	7 3/4 x 66 x 1"	# 8.20	# 16.40
North	110	2- Ply Link	8 x 46 x 1 1/4"	4.40	48.40
North	8	2- Ply Link	9 1/2 x 33 3/4"	4.40	35.20
North	8	2- Ply Link	9 1/4 x 27 3/4"	4.10	32.80
North	2	2- Ply Link	10 3/4 x 39 3/4 x 1"	5.00	10.00
North	8	2- Ply Link	10 3/4 x 38 3/4 x 1"	5.00	40.00
North	6	2- Ply Link	20 x 20 x 1 "	3.45	20.70
North	2	3- Ply Link	14 x 30 x 1 1/4"	8.05	16.10
North	2	3- Ply Link	14 x 48 x 1/4"	12.85	25.70
North	8	3- Ply Link	16 x 75 x 1 1/4"	12.60	100.80
North	8	3- Ply Link	16 x 32 x 1/4"	9.85	78.80
North	12	3- Ply Link	16 x 32 x 1 1/4"	9.85	118.20
North	22	3- Ply Link	16 x 40 x 1 1/4"	7.50	165.00
North	8	3- Ply Link	16 x 50 x 1 1/4"	8.40	67.20
North	8	3- Ply Link	16 x 71 1 1/4"	13.50	108.00
North	2	3- Ply Link	18 x 60 x 1 1/4"	14.30	28.60
North	4	3- Ply Link	20 x 30 x 1 1/4"	7.45	29.80
North	16	3- Ply Link	20 x 40 x 1 1/4"	8.40	134.40
North	6	3- Ply Link	20 x 48 x 1 1/4"	9.40	56.40
North	16	3- Ply Link	20 x 50 x 1 1/4"	9.40	150.40
North	2	3- Ply Link	20 x 66 x 1 1/4"	14.90	29.80
North	4	3- Ply Link	20 x 70 x 1 1/4"	14.90	59.80
North	12	3- Ply Link	20 x 112 x 1 1/4"	26.10	313.20
North	4	3- Ply Link	24 x 48 x 1 1/4"	10.30	41.20
North	2	3- Ply Link	24 x 60 x 1 1/4"	14.10	28.20
North	22	3- Ply Link	25 x 32 x 1 1/4"	8.40	184.80
North	2	3- Ply Link	25 x 66 x 1 1/4"	16.80	33.60
North	4	3- Ply Link	30 x 40 x 1 1/4"	25.70	102.80
North	4	3/PLY Poly Panels	14 x 28 x 1 1/4"	7.50	30.00

SITE	ESTIMATED QUANTITY	TYPE	SIZE	PRICE EACH	TOTAL
North	44	3/PLY Poly Panels	16 x 25 x 1 1/4"	4.20	184.80
North	24	3/PLY Poly Panels	16 x 32 x 1 1/4"	9.85	236.40
North	4	3/PLY Poly Panels	16 x 32 x 1 1/2"	9.85	39.40
North	2	3/PLY Poly Panels	20 x 24 x 1 1/4"	4.70	9.40
North	4	3/PLY Poly Panels	20 x 28 x 1 1/4"	10.75	43.00
North	6	3/PLY Poly Panels	24 x 32 x 1 1/4"	14.75	88.50
North	2	Series 153 Panel	10 x 14 x 1 1/4"	3.90	7.80
North	4	Series 153 Panel	10 x 24 x 1 1/4"	4.00	16.00
North	4	Series 153 Panel	14 x 28 x 1 1/4"	4.95	19.80
North	12	Series 153 Panel	14 7/8 x 22 7/8	4.95	59.40
North	20	Series 153 Panel	17 1/8 x 26 5/8"	5.30	106.00
North	8	Series 153 Panel	17 3/8 x 34 7/8"	7.90	63.20
North	28	Series 153 Panel	19 5/8 x 22 1/8"	5.30	148.40
North	2	PR-5 Panel	20 x 20 x 1 1/4"	3.55	7.10
North	26	Z-Line ZL Pleat	12 x 24 x 4"	5.30	137.80
North	10	Z-Line ZL Pleat	20 x 20 x 2"	3.95	39.50
North	36	Z-Line ZL Pleat	20 x 24 x 2"	4.60	165.60
North	2	American Air Core Polyester	55 7/8" x 3/4" x 65'	N/A	
South	2	3- Ply Link	12 x 72 x 1 1/4"	10.50	21.00
South	1	3- Ply Link	12 x 118 x 1 1/4"	21.55	21.55
South	2	3- Ply Link	16 x 32 x 1 1/4"	9.85	19.70
South	4	3- Ply Link	16 x 40 x 1 1/4"	7.50	30.00
South	2	3- Ply Link	16 x 50 x 1 1/4"	8.40	16.80
South	2	3- Ply Link	20 x 30 x 1 1/4"	7.45	14.90
South	1	3- Ply Link	20 x 35 x 1 1/4"	8.65	8.65
South	8	3- Ply Link	20 x 40 x 1 1/4"	8.40	67.20
South	4	3- Ply Link	20 x 50 x 1 1/4"	9.40	37.60
South	2	3- Ply Link	20 x 60 x 1 1/4"	12.60	25.20
South	2	3- Ply Link	24 x 36 x 1 1/4"	8.65	17.30
South	2	3- Ply Link	24 x 58 x 1 1/4"	17.80	35.60
South	2	3- Ply Link	24 x 72 x 1 1/4"	15.40	30.80
South	1	3- Ply Link	24 x 108 x 1 1/4"	23.50	23.50

SITE	ESTIMATED QUANTITY	TYPE	SIZE	PRICE EACH	TOTAL
South	2	3- Ply Link	24 x 110 x 1 1/4"	27.15	54.30
South	4	3- Ply Link	24 x 116 x 1 1/4"	27.15	108.60
South	6	3- Ply Link	24 x 118 x 1 1/4"	28.05	168.30
South	6	3- Ply Link	25 x 32 x 1 1/4"	8.40	50.40
South	1	3- Ply Link	25 x 36 x 1 1/4"	9.60	9.60
South	1	3- Ply Link	25 x 48 x 1 1/4"	12.60	12.60
South	3	3- Ply Link	25 x 62 x 1 1/4"	14.10	42.30
South	2	3- Ply Link	30 x 40 x 1 1/4"	25.70	51.40
South	1	Series 152 Panel	15 1/2 x 19 x 1/2"	4.40	4.40
South	16	Series 152 Panel	10 x 36 x 1/2"	4.40	70.40
South	6	Series 152 Panel	10 x 60 x 3/8"	8.85	53.10
South	4	Series 154 Panel	20 x 20	4.30	17.20
South	2	Series 154 Panel	14 x 30	5.95	11.90
South	2	Series 154 Panel	12 x 36	5.95	11.90
South	8	Z-Line ZL Pleat	12 x 24 x 4"	5.30	42.40
South	84	Fiberglass Disposable	18 1/4 x 19 1/2 x 1"	4.45	373.80
South	12	Fiberglass Disposable	18 1/4" x 27 7/8" x 1"	5.15	61.80
South	12	Fiberglass Disposable	18 1/4" x 31 7/8" x 1"	5.15	61.80
South	12	Fiberglass Disposable	18 1/4" x 43 x 1"	7.15	85.80
City	20	3- Ply Link	16 x 25 x 1 1/4"	4.20	84.00
City	4	3- Ply Link	16 x 47 x 1 1/4"	8.65	34.60
City	6	3- Ply Link	20 x 18 x 1 1/4"	6.95	41.70
City	24	3- Ply Link	20 x 25 x 1 1/4"	4.75	114.00
City	2	3- Ply Link	20 x 58 x 1 1/4"	13.50	27.00
City	2	3- Ply Link	20 x 96 x 1 1/4"	18.80	37.60
City	6	3- Ply Link	20 x 98 x 1 1/4"	18.80	37.60
City	6	3- Ply Link	25 x 68 x 1 1/4"	16.80	100.80
City	2	3- Ply Link	25 x 96 x 1 1/4"	25.15	50.30
City	4	3- Ply Link	25 x 110 x 1 1/4"	27.70	110.80
City	8	3- Ply Link	25 x 120 x 1 1/4"	28.15	225.20
City	132	Fiberglass Disposable	9 3/4" x 29 1/4" x 1/2"	4.20	554.40
City	96	Fiberglass Disposable	9 3/4" x 37 1/4" x 1/2"	4.45	427.20

SITE	ESTIMATED QUANTITY	TYPE	SIZE	PRICE EACH	TOTAL
City	12	Fiberglass Disposable	9 3/4" x 23 1/2" x 1/2"	4.00	48.00
City	12	Fiberglass Disposable	9 3/4" x 31 3/4" x 1/2"	4.45	53.40
City	12	Fiberglass Disposable	9 1/2" x 21 1/2" x 1/2"	4.00	48.00
City	12	Fiberglass Disposable	18 x 25 x 1"	2.50	30.00
City	12	Fiberglass Disposable	18 1/2" x 30 1/2" x 1/2"	5.15	61.80
City	12	Fiberglass Disposable	21 1/2" x 34 1/2" x 1/2"	5.70	68.40
City	12	Fiberglass Disposable	21 1/2" x 46 1/2" x 1/2"	7.90	94.80
Athletic Ctr.	12	Fiberglass Disposable	9 1/2" x 21 1/2" x 1/2"	4.00	48.00
Athletic Ctr.	12	Fiberglass Disposable	9 3/4" x 27 1/2" x 1/2"	4.20	50.40
Athletic Ctr.	24	Fiberglass Disposable	18 x 25 x 1"	2.50	60.00
Athletic Ctr.	12	Fiberglass Disposable	18 1/2" x 30 1/2" x 1/2"	5.15	61.80
Athletic Ctr.	24	Fiberglass Disposable	19 x 27 x 1/2"	5.15	123.60
Athletic Ctr.	12	Fiberglass Disposable	21 1/2" x 34 1/2" x 1/2"	5.70	68.40
Athletic Ctr.	12	Fiberglass Disposable	21 1/2" x 46 1/2" x 1/2"	7.85	94.20
Athletic Ctr.	12	Z-Line ZL Pleat	12 x 24 x 4"	5.30	63.60
Athletic Ctr.	80	Z-Line ZL Pleat	16 x 20 x 2"	3.40	272.00
Athletic Ctr.	8	Z-Line ZL Pleat	16 x 25 x 2"	3.85	30.80
Athletic Ctr.	128	Z-Line ZL Pleat	20 x 20 x 2"	3.95	505.60
Athletic Ctr.	68	Z-Line ZL Pleat	20 x 20 x 4"	6.05	411.40
Athletic Ctr.	64	Z-Line ZL Pleat	20 x 24 x 4"	7.00	448.00
Athletic Ctr.	6	Z-Line ZL Pleat	20 x 25 x 2"	4.50	27.00
Athletic Ctr.	12	Z-Line ZL Pleat	20 x 25 x 4"	7.00	84.00
Athletic Ctr.	12	Z-Line ZL Pleat	24 x 24 x 4"	7.95	95.40
Athletic Ctr.	80	Z-Line MR-11	16 x 20 x 4"	7.70	616.00
Athletic Ctr.	8	Z-Line MR-11	16 x 25 x 4"	8.95	71.60
Athletic Ctr.	128	Z-Line MR-11	20 x 20 x 4"	9.20	1177.60
Athletic Ctr.	96	Hoghair	16 x 25 x 1"	3.80	364.80
Athletic Ctr.	18	Aeolus Mini Pleat	20 x 20 x 4"	N/A	No Efficiency Rating
Athletic Ctr.	24	Aeolus Mini Pleat	20 x 24 x 4"	N/A	No Efficiency Rating
Athletic Ctr.	6	Aeolus Mini Pleat	24 x 24 x 4"	N/A	No Efficiency Rating

SITE	ESTIMATED QUANTITY	TYPE	SIZE	PRICE EACH	TOTAL
45 Oak	4	3- Ply Link	16 x 50 x 1 1/4"	8.40	33.60
45 Oak	4	3- Ply Link	18 X 48 x 1 1/4"	9.40	37.60
45 Oak	8	3- Ply Link	18 x 52 x 1 1/4"	12.85	102.80
45 Oak	12	3- Ply Link	20 x 50 x 1 1/4"	9.40	112.80
45 Oak	2	3- Ply Link	20 x 84 x 1 1/4"	16.80	33.60
45 Oak	4	3- Ply Link	24 x 48 x 1 1/4"	10.30	41.20
45 Oak	8	3- Ply Link	24 x 56 x 1 1/4"	17.80	142.40
45 Oak	2	3- Ply Link	25 x 84 x 1 1/4"	18.80	37.60
45 Oak	8	Z-Line ZL Pleat	24 x 24 x 4"	7.95	63.60