

BALTIMORE COUNTY PUBLIC SCHOOLS

Dr. Myriam Rogers ♦ Superintendent ♦ 6901 North Charles Street ♦ Towson, MD ♦ 21204

ADDENDUM NUMBER 3

DATE: April 15, 2024
BID NAME: AIR FILTER MAINTENANCE
BID NUMBER: NGO-415-24
DUE DATE: **April 18, 2024**
DUE TIME: NO CHANGE

TOTAL PAGES: 6

The following revisions and responses to questions are made to the original bid document. This addendum forms a part of the Contract Documents and modifies the Original Solicitation Documents accordingly and as noted below. Acknowledge receipt of this Addendum in the space provided on the "Addenda" form within the Form of Proposal.

The solicitation inquiries received prior to the issuance of this addendum are as follows:

SPECIFICATIONS

MEGA pleat M9A specification

1.0 GENERAL:

The purpose of this specification is to establish performance criteria and identify physical properties that are pertinent and necessary for proper filter performance. Conformance to all items in the specifications is the responsibility of the bidder.

2.0 PERFORMANCE CHARACTERISTICS

Filters of the size and air flow capacity shall meet the following rated performance specifications based on the ASHRAE 52.2 test method. Pertinent tolerances specified in Section 7.4 of the Air-Conditioning and Refrigeration Institute (ARI) Standard 850-93 shall apply to the performance ratings. All testing is to be conducted on filters with a nominal 24" x 24" face dimension.

Minimum Efficiency Reporting (MERV)	9
Nominal Size (Width x Height x Depth)	24x24x2
Rated Air Flow Capacity (CFM)	2,000
Final Resistance (In W. G.)	1.50
Rated Initial Resistance (In W. G.)	0.24
Pleats per Lineal Foot	14
Dust Holding Capacity @ 1.0"(grams)	180

2.1 When tested per ASHRAE 52.2 test method, the filter must have a minimum efficiency of 70% on particles in the 3 to 10 micron range.

2.2 The filters shall be UL Classified and Listed by Underwriters' Laboratories, Inc. when tested according to U. L. Standard 900 and CAN 4-S111.

3.0 ATTACHMENTS:

One (1) ASHRAE 52.2 test report from an independent, commercially operated test lab. The supplier shall grant permission to the test lab which conducts the ASHRAE tests to verbally verify the test results to the purchaser on request.

4.0 PHYSICAL CHARACTERISTICS:

Each filter shall consist of a pleated media pack enclosed in a beverage board die-cut frame.

4.1 The media shall be composed of 100% synthetic fibers. No tints, additives or binders to be used. No electrostatic charge shall be imparted on the media to boost efficiency.

4.2 A heavy-duty, galvanized expanded metal support grid shall be laminated to the air leaving side of the media.

4.3 The filter frame shall consist of two die-cut pieces of high wet-strength beverage board, one for the air entering side and one for the air leaving side. Each piece consists of a filter grid and four frame sides. When assembled, the two mating halves of the frame overlap one another providing double wall frame sides. The beverage board has a minimum thickness of 28-point.

4.4 The pleated media pack shall be bonded to the filter frame around the entire inner periphery of the frame to eliminate any possible leak paths. In addition to the inner periphery of the frame, all points of contact between the pleat tips and the die cut board shall be bonded as well. The adhesive used in the assembly must be moisture resistant to provide adhesion even under high moisture conditions.

DRAWINGS

See below images of filters from the Towson High School and George Washington Carver in reference to Inquiry #4.

GENERAL

(1) INQUIRY: Will you accept a MERV-10 in replace of the MEGAPLEATS MERV-9s?

RESPONSE: MERV 9A – Is current and will remain for Mega Pleats

(2) INQUIRY: Are the MEGAPLEATS also being changed on a quarterly basis, like the PLEATS are?

RESPONSE: Yearly – Shipments and deliveries Scheduled for April

(3) INQUIRY: The filter sizes provided are assumed to be exact dimensions. Can you confirm? Note, a nominal 24x24x2 filter is actually 23.5x23.5x1.75. Custom cuts are more expensive than

standard sizes. The answer to this question will significantly impact pricing.

RESPONSE: Listing is accurate, dimensions are as close as possible to the listing. If alternative size is needed this is coordinated with the approved vendor and update master listing for school or spacers our installed to fit the need of HVAC Assets

(4) INQUIRY: There is no depth provided for filters listed in Lines 5, 660, 661, 821, & 842. And there is no MERV rating provided for Lines 660 and 661. Can you please provide this information?

RESPONSE: Line 660 & 661 Pleat Killers Towson High 12X96 PK & 24 X 96 PK – Foam material (photo attached, product standard)

Line 821: 11 X 12 – Washable Filters George Washington Carver (photo attached, standard fitting)

Line 842: 24X25 Roll – Bear Creek Elementary (Discontinued)

(5) INQUIRY: There are ½” deep filter sizes listed for a number of the MEGAPLEATS AND PLEATS. This is not a standard size for MERV-8, MERV-9, or MERV-10 Pleats, and they also do not meet ASHRAE 52.2 efficiency standards (which the specifications call for). Would you accept a ½” Poly filter instead?

RESPONSE: YES

NOTE: This is the last Addendum. No more questions/inquiries will be addressed.

All other specifications and terms remain as stated in the original document. This addendum is hereby made a part of the Contract Documents, on which the contract is based and is intended to modify, explain, correct and/or add to the original Contract Documents.

END OF ADDENDUM

Attachments: Revised Advertisement page, and Filters' images.

Nyanpee Gornor-Pewu
Purchasing Agent
Baltimore County Public Schools - Office of Purchasing

Anthony Stolba, Project Manager
Bid file

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Revised INVITATION FOR BIDS:

The Board of Education of Baltimore County invites firms to bid on “**AIR FILTER MAINTENANCE**” for Baltimore County Public Schools, **Solicitation # NGO-415-24**. Any inquiries regarding the specifications and/or the solicitation document shall be **IN WRITING** and submitted per the instructions in the solicitation document Part II Section 8.0 Inquiries. **Verbal questions will not be taken.**

Vendors proposing to bid may obtain solicitation documents beginning **February 27, 2024**. Visit [Solicitation Document Request](#) to complete the request form. Once the form is completed and received by the Office of Purchasing, a separate email with a link to the documents will be provided to the contact listed in the form **within the next eight (8) business hours of the request**. **Please be sure to check your “spam” folders within your email before submitting another request.**

A Pre-bid meeting is scheduled for **March 5, 2024, 10:00 AM Local Time**, via Microsoft Teams teleconference.

You must confirm your attendance by visiting this link: [Pre-Proposal/Pre-Bid Meeting Response Form](#)

Sealed bids will be received until **April 18, 2024, no later than 2:00 PM Local Time** via electronic submission. **Please see Part II: Specifications – General Requirements, Section 5.0 Bid Submission for the link to submit your bid.** Bid Opening will be held approximately 10 minutes after the deadline for bid submission.

This solicitation is being offered to select a supplier(s) to provide Quarterly and Annual Filter shipments to all schools, bus lots, and offices with HVAC assets that require this material. This contract is to ensure quality airflow is being provided throughout the county while also ensuring to extend the life of our HVAC assets..

(Commodity Code: 40161505 Air Filters)

The firms who provide materials, supplies, equipment, and/or services for the above bid shall attempt to achieve 15% participation of Minority Business and/or Small Business Enterprise organizations in response to the Board of Education’s goal for economic development. Certified Minority Business Enterprises and Small Business Enterprises are encouraged to respond to these solicitations.

Bidders shall include minority and small business enterprise material as provided herein with their proposal. Bidders failing to submit the minority and small business enterprise material as provided herein, including the Small and Minority Business Enterprise Utilization Affidavit may result in the bid being determined non-responsive.

The Board of Education of Baltimore County reserves the right to reject any or all proposals and to waive informalities.

By Order of the Board of Education of Baltimore County
Office of Purchasing

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Towson High

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George Washington Carver

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