

**INVITATION FOR BID**

**Facilities Maintenance**

**Solicitation Number: B2506**

**Description: District Wide HVAC Filter Maintenance Program**

**Addendum 1**

**Date: AUGUST 30, 2024**

**SUBMIT OFFER BY: SEPTEMBER 19, 2024 @ 1:00 PM**

**SUBMIT QUESTIONS BY: AUGUST 22, 2024 by 1:00 PM**

**NUMBER OF COPIES TO BE SUBMITTED: 1 ORIGINAL AND 3 MARKED "COPY" AND ONE REDACTED FLASH DRIVE**

**PROCUREMENT OFFICIAL CONTACT:** Procurement Services  
 Attention: Raymond Jenkins  
 3999 Bridge View Drive  
 North Charleston, SC 29405  
 Phone: 843-566-8826  
 Email: [raymond\\_jenkins@charleston.k12.sc.us](mailto:raymond_jenkins@charleston.k12.sc.us)

**ALL REQUESTS FOR QUOTATIONS MUST BE SIGNED BY A COMPANY OFFICIAL DULY AUTHORIZED TO BIND AN AGREEMENT FOR THAT COMPANY.**

You must submit a signed copy of this form with your offer. By submitting a bid or proposal, You agree to be bound by the terms of the Solicitation. You agree to hold your offer open for a minimum of ninety (90) calendar days after the Opening date.		
Print Name of Offeror (Full legal name of business submitting the offer)		Date Signed
Authorized Signature (Person signing must be authorized to submit binding offer to enter contract on behalf of Offeror named above.)		Taxpayer Identification No.
Title (Business title of person signing above)		Telephone Number
Printed Name (of person signing above)		Facsimile Number
Company Address (Street, City, State & Zip Code)		
Contact Person(if different than authorized signature)		Email Address
Telephone Number	Facsimile Number	

The above numbered Invitation for Bid is amended as set forth below. The Hour and Date specified for receipt of bids **has been extended to September 19, 2024 by 1:00PM.**

**Reference and acknowledge this Addendum on the offer submitted.** Failure to acknowledge addendum may result in rejection of your offer. If by virtue of this addendum you desire to change an offer already submitted, such change may be made by submitting an amended bid prior to the closing date and hour specified.

#### AMENDMENTS TO SOLICITATION

(a) The Solicitation may be amended at any time prior to opening. All actual and prospective Offerors should monitor the following web site for the issuance of Amendments: <https://www.ccsdschools.com/Page/432> (b) Offerors shall acknowledge receipt of any amendment to this solicitation (1) by signing and returning the amendment, (2) by identifying the amendment number and date in the space provided for this purpose on Page Two, (3) by letter, or (4) by submitting a bid that indicates in some way that the bidder received the amendment. (c) If this solicitation is amended, then all terms and conditions which are not modified remain unchanged.

**This addendum was issued to make clarifications to statement of work, answer questions, add Section 8 Bidding Schedule/Cost Proposal Page, and extend the bid due date to **September 19, 2024 by 1:00PM.****

Clarifications:

Page 19 Reads - Technicians must have a minimum of 4 years experience in filter management of similar HVAC equipment, and must be NCT certified by NAFTA

Changed to Say - Technicians must have a minimum of 4 years experience in filter management of similar HVAC equipment, and is preferred to have NCT certifications by NAFA

Page 22 Reads - 17.2 Merv 8 Tri-Dek 15/40 Ring and Link Panel Filters

Changed to Say - 17.2 Merv 8 – 3 PLY – Wire option 8 to 10 gauge wire 15/40 Ring and Link Panel Filters

Questions:

1. Is there any on-site storage for filters at each school? **No**
2. Is parking available at all schools? **Not designated spots, but parking is available**
3. Is there a place where service vehicles can be parked for staff on site performing work? **Not designated spots, but parking is available**
4. Where units have roof tops equipment is there suitable access? **Roof access is available for all sites**
5. Are there any spline ceiling that equipment is above and are their appropriate access panels for any equipment behind walls or above ceilings? **There is access to all units**
6. In office and classroom setting if classroom material or furniture obstructing units that will require moving? Or personal items needing to be moved prior to filter and PM team? **All returns that hold filters should be kept clear, no moving should be necessary. If moving is required, it will be the responsibility of the filter crew to move**

7. Will a CMMS Sork order be issued and need to be completed by team?
  1. Will vendors have access to CCSD School Dude System? **Yes**
  2. Is there a Mobile App through CMMS that is utilized for completing with Tasks and frequency that is issued to us to complete or is it through paper? **No work orders will be written for routine scheduled filter changes**
  3. Will we need to provide phones or communications devices so we can close out PM Work orders? **The district will not provide**
  4. How will key access be handled? **Keys will be provided to awarded vendor**
  
8. Is fingerprinting and Back ground done by us if not who pays for back grounds checks or fingerprinting? **This will not be handled by the district and will be the contractors responsibility**
  
9. Are both filters and supplies tax exempt? **We are not tax exempt**
  
10. If a repair is needed of deficiency note during PM how will that be handled for Corrective Work? **If a deficiency is found, pictures and unit information should be immediately passed on the the Environmental Manager**
  
11. What are typical hours of operation? Will we have access to schools or do PM have to be done when school is closed? **Changeouts should be performed after school hours**
  1. What schools are available during Summers? **This will vary depending on construction projects/ summer programs. But there will be assumed availability to all schools during summer hours**
  2. Is a shift differential currently provided to School District Employees? **No**
  
12. Will the District elaborate on the desired pricing format (pricing cost sheet)? **Pricing should be labor and materials per site**
  
13. How many filters does the district have in stock now? **The district does and will not stock any filters**
  
14. Upon termination of the contract for any reason, the District shall have the right, upon demand, to obtain access to, and possession of, all District properties, including, but not limited to, current copies of all District application programs and necessary documentation, all files, intermediate materials and supplies held by the contractor. Will this be based on mutual written consent of the parties? **No, see page 16 for all Terminations**
  
15. *Will the district allow a provision for increases in price at the end of each 12 months based on the greater of 3% or the annual Consumer Price Index for All Urban Consumers (CPI-U)?* **No, please see page 14 for Price Adjustment and Price Adjustments**
  
16. If ABM is the successful bidder, will ABM be given the opportunity to enter negotiations regarding the terms of the Contract to be entered between the parties? **Yes, but if the District cannot come to terms with the successful bidder, the District will move on and start negotiations with the next successful bidder.**
  
17. *Will the district a provision allowing a mutual termination for convenience upon 30 day written notice?* **No.**

18. Will the district allow ABM's indemnification obligations to only claims caused by the negligence, misconduct, or other fault of ABM, its agents and employees, and which arise out of work performed under this Contract? [No, see pages 11 and 12.](#)
19. Will the District allow slight adjustments to the insurance requirements, which do not reduce the amount of coverage but rather restructure the language to comply with ABM's insurance policies. [It depends, the District does not know what ABM's adjustment is going to say. It can be discussed during negotiations.](#)
20. Will the District permit a provision that provides for a written notice and a 30 day Cure Period prior to any term for default? [Yes.](#)
21. What is the monthly current spend on current filter inventory? [CCSD does not maintain a filter inventory](#)
22. What are the PM Service tasks associated with each piece of equipment type to be serviced? [This contract is specified for filter changes and cleaning of return grilles](#)
23. How can the vendor provide a one year warranty on filters when the filter frequency is every 2 months? [The warranty is to the quality of the filter despite the frequency of required changeout](#)
24. Many of the filters do not have thickness. Will you update the filter list to include all filters identified have all 3 dimension? [See filter list attached](#)
25. Who is your current filter manufacturer? [Tri-Dim is the current manufacturer](#)
26. How is the service currently be provided and if a vendor by whom? [Tri-Dim](#)
27. Please provide all PM Service tasks per unit type expected? [No PM tasks are to be completed on any CCSD equipment outside the scope of this contract](#)
28. ABM cannot "name" the Client as an additional insured, but can "include via blanket endorsement" the Client as an additional insured. [Not acceptable to the District](#)

### **SPECIFICATIONS**

Please clarify the time sites can be serviced. Is this time listed only for classroom entry?

5. " *Vendor must perform services during non-instructional school hours, weekends, or evenings*". [Non-instructional hours vary by site and can change from year to year. A bell schedule will be provided each school year.](#)

How is pricing to be submitted for this? [Pricing should be labor and materials per site](#)

7. "*Vendor must sell individual filters to District, at bid cost, on an as need basis*".

Should this be a NAFA certification? Can this be considered personnel? [Yes, This is a NAFA certification](#)

12. "*Technicians must have a minimum of 4 years experience in filter management of similar HVAC equipment, and must be NCT certified by NAFTA*".

**Special Instructions**

1. Please clarify where the sample is to be sent:  
“Each bidder shall supply one 20x20x1 filter that will fully represent their product with each bid”. [3999 Bridgeview Drive, care of Raymond Jenkins](#)
2. Where is pricing to be entered for number 3? [See Section 8 Bidding Schedule attached](#)  
“*Cost of filters should be included in the Filter Change out unit cost.*”
3. Where is the pricing for the entire bid to be entered? Will pricing be submitted per site, or per filter size/type? Please expound any additional information regarding how to proceed with pricing the bid correctly.  
[Pricing should be labor and materials per site](#)
4. Good morning, we are interested in providing a proposal for the bid referenced above but need clarification for the filters that don't have the third dimension recorded. Just to clarify, some filters are 1" and 4" but most of the list doesn't have the thickness listed and we need this to provide proper pricing. Thank you for your time and assistance. [See filter list attached](#)

**8.0 BIDDING SCHEDULE/COST PROPOSAL**

**YEAR 1**

Qty.	Description	Unit Cost
1 ea	Cost for filters with installation (Provide Total Cost from attached sheet)	\$ _____
1 ea	Cost for filters without installation (Provide Total Cost from attached sheet)	\$ _____
1 ea	Per sample rate to conduct indoor air quality testing. On as needed basis.	\$ _____
1 ea	Hourly rate to provide additional off cycle deep cleaning services to AC units, grill cleaning, plenum cleaning	\$ _____
1 ea	Cost to provide mold remediation and disinfecting services of HVAC interior areas, supply plenum, return plenum, fan housing and all internal exposed surfaces	\$ _____
	<b>TOTAL</b>	\$ _____

YEAR 2

Qty.	Description	Unit Cost
1 ea	Cost for filters with installation (Provide Total Cost from attached sheet)	\$ _____
1 ea	Cost for filters without installation (Provide Total Cost from attached sheet)	\$ _____
1 ea	Per sample rate to conduct indoor air quality testing. On as needed basis.	\$ _____
1 ea	Hourly rate to provide additional off cycle deep cleaning services to AC units, grill cleaning, plenum cleaning	\$ _____
1 ea	Cost to provide mold remediation and disinfecting services of HVAC interior areas, supply plenum, return plenum, fan housing and all internal exposed surfaces	\$ _____
	<b>TOTAL</b>	\$ _____

**YEAR 3**

Qty.	Description	Unit Cost
1 ea	Cost for filters with installation (Provide Total Cost from attached sheet)	\$ _____
1 ea	Cost for filters without installation (Provide Total Cost from attached sheet)	\$ _____
1 ea	Per sample rate to conduct indoor air quality testing. On as needed basis.	\$ _____
1 ea	Hourly rate to provide additional off cycle deep cleaning services to AC units, grill cleaning, plenum cleaning	\$ _____
1 ea	Cost to provide mold remediation and disinfecting services of HVAC interior areas, supply plenum, return plenum, fan housing and all internal exposed surfaces	\$ _____
	<b>TOTAL</b>	\$ _____



**YEAR 4**

Qty.	Description	Unit Cost
1 ea	Cost for filters with installation (Provide Total Cost from attached sheet)	\$ _____
1 ea	Cost for filters without installation (Provide Total Cost from attached sheet)	\$ _____
1 ea	Per sample rate to conduct indoor air quality testing. On as needed basis.	\$ _____
1 ea	Hourly rate to provide additional off cycle deep cleaning services to AC units, grill cleaning, plenum cleaning	\$ _____
1 ea	Cost to provide mold remediation and disinfecting services of HVAC interior areas, supply plenum, return plenum, fan housing and all internal exposed surfaces	\$ _____
	<b>TOTAL</b>	\$ _____

YEAR 5

Qty.	Description	Unit Cost
1 ea	Cost for filters with installation (Provide Total Cost from attached sheet)	\$ _____
1 ea	Cost for filters without installation (Provide Total Cost from attached sheet)	\$ _____
1 ea	Per sample rate to conduct indoor air quality testing. On as needed basis.	\$ _____
1 ea	Hourly rate to provide additional off cycle deep cleaning services to AC units, grill cleaning, plenum cleaning	\$ _____
1 ea	Cost to provide mold remediation and disinfecting services of HVAC interior areas, supply plenum, return plenum, fan housing and all internal exposed surfaces	\$ _____
	<b>TOTAL</b>	\$ _____
	<b>GRAND TOTAL OF ALL 5 YEARS</b>	\$ _____

Row Labels	Total Quantity
<b>75 Calhoun St</b>	
<b>Pleat MERV 8</b>	
14x20x1	3
15x23x1	9
16x20x1	1
16x20x4	6
17x23x1	4
17x30x1	1
18x18x1	4
18x24x1	1
18x25x1	1
18x27x1	9
18x30x1	1
18x35x1	46
20x20x1	32
20x20x4	12
20x20x4	6
20x22x1	4
20x24x1	2
20x25x1	23
20x28x1	1
20x30x1	1
20x35x1	15
24x24x1	4
<b>Angel Oak Elementary School</b>	
<b>MERV 14 Bag</b>	
27.25x13.25x12	8
29.5x19.5x12	18
29.5x23.5x12	12
<b>Washables</b>	
(blank)	10
<b>Pleat MERV 8</b>	
16x20x2	60
16x25x2	14
16x30x1	4
18x20x2	12
20x20x1	1
20x20x2	13
20x22x2	36
20x24x1	4
20x25x2	4
<b>Ashley River Elementary School</b>	
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	3
<b>Pleat MERV 8</b>	
16x20x2	37

16x25x2	61
20x20x2	18
20x25x1	16
20x25x2	23
20x30x1	70
24x24x2	4
<b>Baptist Hill High School</b>	
<b>MERV 14 Bag</b>	
27.25x13.25x12	12
(blank)	1
<b>Washables</b>	
(blank)	44
<b>Pleat MERV 8</b>	
16x20x2	28
16x25x2	88
16x25x4	20
16x30x1	1
18x25x2	2
20x20x1	43
20x20x2	6
20x24x2	25
20x25x2	24
20x35x2	10
<b>Beckham High School</b>	
<b>Multi-Cell 95%</b>	
12x24x6	22
16x20x6	20
20x20x6	25
24x24x6	58
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
12x20x2	36
12x24x2	50
16x20x2	42
20x20x2	35
24x24x2	58
<b>Belle Hall</b>	
<b>MERV 14 Bag</b>	
27.5x13.5x12	4
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	3
<b>Pleat MERV 8</b>	
16x25x2	4
18x24x2	12
20x20x1	98
20x20x2	111

20x25x2	103
25x25x2	1
<b>Blaney CC Elementary School</b>	
<b>Washables</b>	
(blank)	1
<b>Pleat MERV 8</b>	
20x20x2	3
<b>Brentwood (Meeting St. Academy)</b>	
<b>MERV 14 Bag</b>	
27.25x13.25x12	30
<b>Washables</b>	
(blank)	7
<b>Pleat MERV 8</b>	
10x17x1	2
12x20x2	12
12x24x2	1
16x20x2	12
16x30x1	10
20x20x2	102
20x25x2	20
20x30x1	1
<b>Bridge View Drive</b>	
<b>MERV 14 Bag</b>	
28x14x12	5
<b>Washables</b>	
(blank)	44
<b>Pleat MERV 8</b>	
12x12x1	1
14x20x1	1
14x20x2	12
16x20x1	3
16x20x2	5
16x22x1	8
16x25x1	7
16x25x2	5
16x30x1	5
16x32x2	2
17x22x1	5
18x18x1	2
18x24x1	3
18x30x1	6
19x27x1	4
20x20x1	8
20x20x2	4
20x22x1	3
20x23x1	1
20x24x1	1
20x25x1	2
20x30x1	5

21.25x21.25x1	2
24x24x2	1
29x30x2	1
<b>Buist Academy</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
15x20x2	18
16x20x1	3
16x25x2	16
18x25x1	7
19x25x1	1
20x20x1	26
20x20x2	8
20x25x1	25
20x25x2	20
20x30x2	8
24x24x2	22
29x30x1	4
<b>Burke High / Middle-Arts-JROTC</b>	
<b>MERV 14 Bag</b>	
19.5x11.5x12	3
27.25x13.25x12	26
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
12x20x1	8
12x24x2	20
14x20x2	6
14x25x1	2
16x20x2	20
16x24x2	12
16x25x1	4
16x25x2	6
16x32x2	6
18x18x1	1
18x28x1	1
20x20x1	2
20x20x2	12
20x24x2	4
20x25x2	34
24x24x2	20
<b>Burke High School</b>	
<b>Pleat MERV 11</b>	
14x28x1	1
(blank)	2
(blank)	2
<b>Pleat MERV 8</b>	
14x20x2	30

14x24x1	10
14x25x2	12
16x20x2	56
16x24x2	16
16x25x1	1
17x30x1	25
18x20x2	6
18x24x2	16
18x30x2	4
20x20x1	3
20x20x2	59
20x22x2	6
20x24x1	1
20x24x2	21
20x25x2	36
24x24x2	46
24x30x2	2
26x29x2	4

**Burns Elementary School**

**Mini-Pleat 95%**

16x20x4	6
16x25x4	12
20x24x4	9

**Pleat MERV 8**

16x20x1	1
16x20x2	53
16x20x4	6
16x25x2	48
18x27x1	4
20x20x1	7
20x22x1	18
20x24x2	9
20x25x1	4
20x25x2	38
20x35x2	70

**C E Williams Middle School (New)**

**Washables**

(blank)	8
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**Pleat MERV 8**

16x16x4	4
16x20x1	2
16x25x2	8
18x20x2	9
20x20x1	8
20x20x2	8
20x22x1	20
20x24x2	81
20x25x2	164
20x35x2	74

**Camp Road Middle School****Pleat MERV 8**

14x20x2	120
14x25x2	6
16x20x2	95
16x24x2	17
16x25x2	21
18x20x2	6
20x20x1	19
20x20x2	31
20x25x2	30
24x24x2	8

**Cario Middle School****MERV 14 Bag**

27.25x13.25x12	4
27.5x13.5x12	3
28x14x12	2
(blank)	1
(blank)	1

**Pleat MERV 8**

11.5x11.5x1	19
14x20x1	2
14x28x1	2
16x20x2	52
16x25x2	16
18x24x2	12
20x20x2	8
21.25x21.25x1	198

**Carolina Park Elementary**

(blank)	1
(blank)	1

**Washables**

(blank)	2
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**Pleat MERV 8**

16x20x2	58
16x20x4	38
16x25x2	36
20x20x1	11
20x20x2	16
20x24x2	12
20x24x4	6
20x25x1	40
20x25x2	72
20x25x4	4
20x30x2	26
21x21x1	1
24x30x1	13

**Charles Pinckney Elementary School**

(blank)	1
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(blank)	1
<b>Pleat MERV 8</b>	
11.5x11.5x1	15
12x12x1	40
16x20x2	8
16x25x2	24
21.25x21.25x1	211
<b>Charleston Progressive Academy</b>	
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	6
<b>Pleat MERV 8</b>	
12x24x2	12
16x20x1	10
16x20x2	4
18x24x1	4
20x20x1	27
20x20x2	6
20x24x2	24
20x25x1	18
20x30x1	5
20x38x1	2
24x30x1	5
<b>Chicora Elementary School</b>	
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	11
<b>Pleat MERV 8</b>	
16x20x2	39
16x25x2	4
20x20x1	8
20x20x2	15
20x24x2	37
20x25x2	4
24x30x1	32
24x30x2	1
28x30x1	2
<b>Clark Academy</b>	
<b>MERV 14 Bag</b>	
27.25x13.25x12	20
29.5x15.5x12	2
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	10
<b>Pleat MERV 8</b>	
20x20x1	4

20x24x2	6
24x24x1	1
<b>Cooper River Center for Advanced Studies</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
14x20x2	16
14x25x2	6
16x20x1	2
16x20x2	53
16x24x2	32
16x25x2	41
18x24x2	18
20x20x1	10
20x20x2	27
20x23x1	5
20x25x2	12
24x24x2	12
<b>Corcoran A C Elementary School</b>	
<b>MERV 14 Bag</b>	
27.5x13.5x12	45
28x14x12	2
29.25x15.25x12	1
29.5x15.5x12	12
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	4
<b>Pleat MERV 8</b>	
14x20x2	4
16x20x4	3
20x20x1	10
20x25x1	1
20x25x2	2
20x25x4	1
21.25x21.25x1	4
21x21x1	2
<b>Daniel Jenkins Acad.</b>	
<b>Pleat MERV 8</b>	
16x25x2	12
18x25x1	1
18x25x2	2
20x24x1	1
20x35x2	64
21x21x1	4
<b>Deer Park Middle School</b>	
<b>MERV 14 Bag</b>	
27.25x13.25x12	4
(blank)	1

(blank)	1
<b>Washables</b>	
(blank)	5
<b>Pleat MERV 8</b>	
16x30x1	14
18x18x1	3
20x20x1	52
20x28x1	2
20x30x1	2
21.25x21.25x1	2
<b>Dist. 10 Office - St. Andrews</b>	
<b>Pleat MERV 8</b>	
10x17x1	1
14x24x1	1
<b>Dist. 4 Office North Charleston High School</b>	
<b>Pleat MERV 8</b>	
14x25x1	1
16x24x1	4
<b>District 4 Stadium</b>	
<b>Washables</b>	
(blank)	22
<b>Drayton Hall Elementary School</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
12x20x2	12
12x24x2	29
14x25x2	34
16x20x2	68
16x20x4	68
16x30x1	4
20x20x2	66
20x20x4	66
20x25x2	12
20x25x4	12
<b>Dunston Elementary School</b>	
(blank)	2
(blank)	2
<b>Pleat MERV 8</b>	
14x20x2	76
16x16x2	32
16x20x2	32
16x20x2	6
16x24x2	8
16x25x2	50
20x20x1	14
20x25x2	12
<b>E B Ellington Elementary School</b>	
(blank)	1

(blank)	1
<b>Pleat MERV 8</b>	
16x20x2	12
16x25x2	36
20x20x1	28
20x30x2	4
21.25x21.25x1	47
<b>East Cooper Center for Advanced Studies</b>	
<b>Pleat MERV 8</b>	
12x24x2	9
12x24x4	8
16x20x1	16
16x20x2	24
16x25x2	8
20x20x1	1
20x20x2	42
20x24x2	32
20x24x4	16
20x25x2	16
24x30x2	25
<b>East Cooper Montessori Charter School</b>	
<b>MERV 14 Bag</b>	
19.5x15.5x12	5
27.25x13.25x12	5
29.25x17.25x12	27
29.5x23.5x12	9
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	11
<b>Pleat MERV 8</b>	
12x12x1	5
16x20x1	3
24x24x1	1
<b>Frierson Elementary School</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
16x20x2	12
16x20x4	8
16x25x1	1
16x25x2	14
16x30x1	12
18x24x2	18
20x24x2	22
<b>Garrett High School</b>	
<b>MERV 14 Bag</b>	
19.5x15.5x12	2
27.25x13.25x12	11

(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	17
<b>Pleat MERV 8</b>	
12x12x1	39
12x20x1	20
12x20x2	4
14x20x1	1
14x20x2	44
15x20x2	4
16x20x2	12
16x25x1	1
16x25x2	12
16x32x2	18
18x18x1	2
18x20x1	4
18x20x2	8
18x25x2	20
18x36x1	3
20x20x1	20
20x20x2	16
20x22x1	2
20x24x1	1
20x25x1	2
20x25x2	20
21x21x1	3
24x24x2	2
<b>Goodwin Elementary School</b>	
<b>MERV 14 Bag</b>	
27.25x13.25x12	9
29.25x15.25x12	24
29.5x23.5x12	3
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	11
<b>Pleat MERV 8</b>	
11x11x1	1
14x20x2	10
16x24x2	4
16x25x2	2
20x20x1	8
20x20x2	2
20x20x2	24
20x20x4	26
20x22x1	4
21x21x1	14
<b>Harborview Elementary School</b>	

(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
12x24x2	18
16x20x1	11
16x25x2	4
18x24x2	4
20x20x1	10
20x20x2	10
20x24x2	36
20x25x1	50
20x25x2	4
20x30x1	1
20x30x2	6
24x30x1	1
29x30x1	2
<b>Haut Gap Middle School</b>	
<b>Washables</b>	
(blank)	1
<b>Pleat MERV 8</b>	
14x20x2	20
15x20x1	12
16x20x2	8
16x25x2	20
18x24x2	24
20x20x1	25
20x20x2	16
20x24x1	1
20x24x2	24
20x25x1	1
20x25x2	2
24x24x2	18
25x25x2	2
9x20x1	4
9x30x1	6
<b>Hunley Park Elementary School</b>	
<b>MERV 14 Bag</b>	
19.5x11.5x12	1
27.25x13.25x12	23
29.25x15.25x12	2
<b>Washables</b>	
(blank)	3
<b>Pleat MERV 8</b>	
10x26x1	6
12x20x2	8
14x14x1	1
14x20x2	4
16x20x2	8
20x20x1	15

20x24x2	4
20x25x2	6
<b>James Edwards Elementary School</b>	
<b>MERV 14 Bag</b>	
27.25x13.25x12	2
<b>Washables</b>	
(blank)	4
<b>Pleat MERV 8</b>	
12x20x2	26
12x24x2	6
14x25x2	20
16x20x2	52
16x20x4	52
20x20x1	3
20x20x2	34
20x20x4	34
20x24x1	2
20x24x2	5
20x25x2	20
20x25x4	20
<b>James Island Elementary School</b>	
<b>Pleat MERV 8</b>	
11x11x1	24
12x20x2	4
12x24x2	2
14x20x2	18
14x25x2	12
16x20x2	29
18x20x2	6
20x20x2	40
20x24x2	17
20x25x2	24
21.25x21.25x1	62
<b>James Island Middle School</b>	
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	66
<b>Pleat MERV 8</b>	
14x20x2	16
16x20x2	51
16x24x2	4
16x25x2	15
20x20x1	2
20x20x2	4
20x25x2	12
21.25x21.25x1	1
<b>James Simons Montessori School</b>	
(blank)	1

(blank)	1
<b>Pleat MERV 8</b>	
16x20x2	4
18x24x2	20
18x28x1	2
20x20x1	14
20x20x2	11
20x24x1	11
20x25x2	11
20x30x2	10
24x30x1	2
<b>Jane Edwards Elementary School</b>	
<b>MERV 14 Bag</b>	
19.5x15.5x12	1
27.25x13.25x12	18
29.25x15.25x12	2
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	2
<b>Pleat MERV 8</b>	
15x20x2	8
16x25x1	3
20x25x1	1
<b>Jennie Moore Elementary School</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
16x20x2	76
16x20x4	38
16x25x2	40
20x20x1	35
20x20x2	28
20x24x2	18
20x24x4	9
20x25x1	59
20x25x2	64
20x25x4	8
20x30x2	32
24x30x1	17
25x25x2	15
<b>Julian Mitchell Elementary School</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
16x20x2	36
16x25x1	4
18x24x2	6
20x20x2	38



20x25x1	12
22x28x2	28
24x24x1	2
26x29x2	4
29x30x2	1
29x34x2	1

**Ladson Elementary School**

**MERV 14 Bag**

27.25x13.25x12	1
27.5x13.5x12	14
28x14x12	9
(blank)	1
(blank)	1

**Washables**

(blank)	1
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**Pleat MERV 8**

16x20x2	4
16x24x2	13
16x30x1	4
18x24x2	5
20x20x2	22
20x22x1	2
20x23x1	2
20x30x2	4

**Laing Middle School**

(blank)	1
(blank)	1

**Washables**

(blank)	3
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**Pleat MERV 8**

16x20x2	116
16x25x2	30
18x24x2	1
19x24x2	6
20x20x1	5
20x20x2	48
20x24x2	12
20x25x2	9
22x28x2	50
24x24x2	16
26x29x2	1
29x29x1	5
29x30x2	27
29x34x2	2

**Lambs Elementary School**

**MERV 14 Bag**

27.5x13.5x12	27
29.5x15.5x12	13
(blank)	1

(blank)	1
<b>Washables</b>	
(blank)	1
<b>Pleat MERV 8</b>	
12x20x2	4
16x20x2	5
16x25x1	9
20x20x2	3
20x25x1	22
20x25x2	4
24x24x2	1
<b>Laurel Hill Primary School</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
20x20x2	2
20x25x2	56
20x30x2	24
21.25x21.25x1	4
24x24x2	40
24x24x4	12
<b>Liberty Hill Academy</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
16x20x2	8
18x20x2	2
20x20x2	2
20x24x2	4
20x25x2	15
<b>Malcolm C Hursey</b>	
<b>Washables</b>	
(blank)	3
<b>Pleat MERV 8</b>	
12x24x2	20
18x24x2	2
20x20x2	29
20x24x2	61
24x24x2	44
<b>Mary Ford Elementary School</b>	
<b>MERV 14 Bag</b>	
27.25x13.25x12	44
29.25x15.25x12	4
29.5x23.5x12	4
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	4
<b>Pleat MERV 8</b>	

16x20x1	1
16x30x1	7
20x20x1	1
<b>Memminger School of Global Studies</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
14x14x1	4
15x15x1	1
15x20x2	3
16x20x1	6
16x30x2	2
18x20x2	5
18x24x2	24
18x24x4	24
20x20x2	13
20x24x2	34
20x24x4	16
20x25x2	9
20x25x4	6
24x24x2	9
24x24x4	4
24x30x2	16
<b>Midland Park Primary School</b>	
<b>MERV 14 Bag</b>	
27.25x13.25x12	6
27.5x13.5x12	3
29.5x13.5x12	2
<b>Washable</b>	
(blank)	1
<b>Washables</b>	
(blank)	28
<b>Pleat MERV 8</b>	
16x24x2	4
18x24x1	4
18x24x2	36
20x20x1	33
20x25x2	20
<b>Minnie Hughes Elementary School</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
11.5x11.5x1	21
14x20x2	56
16x16x2	4
16x20x1	1
16x20x2	2
16x25x2	4
18x24x1	2

18x24x2	18
20x20x2	4
21.25x21.25x1	29
26x26x2	34
<b>Montessori West Ash</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
12x24x2	6
16x25x2	8
18x24x1	2
18x25x1	2
20x20x1	58
20x20x2	3
20x25x1	9
20x25x2	3
20x30x2	4
24x24x2	10
24x30x1	6
<b>Morningside Middle School</b>	
<b>MERV 14 Bag</b>	
27.25x13.25x12	9
29.25x15.25x12	7
29.25x17.25x12	39
29.5x23.5x12	7
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	5
<b>Pleat MERV 8</b>	
11x11x1	20
16x20x1	1
16x25x1	12
18x28x1	1
20x20x1	10
20x20x2	4
20x25x2	8
<b>Moultrie Middle School</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
12x20x2	15
14x20x2	1
14x25x2	4
16x20x1	6
16x20x2	28
16x25x2	82
19x27x2	6
20x20x1	12

20x20x2	20
20x25x1	1
20x25x2	54
20x30x2	12
20x35x2	6
24x30x2	8
28x29x2	3
31x31x2	2
<b>Moultrie Middle School-Addition FY21</b>	
<b>Pleat MERV 8</b>	
16x20x1	6
20x20x1	6
20x35x2	6
<b>Mt Pleasant Academy</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
16x20x2	12
16x25x2	52
20x25x2	29
20x30x2	77
<b>Mt Zion Elementary School</b>	
<b>MERV 14 Bag</b>	
14x28x12	6
27.25x13.25x12	26
29.25x15.25x12	2
<b>Washables</b>	
(blank)	9
<b>Pleat MERV 8</b>	
21x21x1	2
<b>Murray LaSaine Elementary School</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
16x20x2	20
16x24x2	4
16x25x2	2
20x20x2	47
20x24x2	8
20x25x2	13
20x30x2	6
<b>North Charleston Creative Arts Elementary School</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
12x20x2	2
16x20x2	138
16x25x2	24
18x24x2	5

20x20x1	7
20x20x2	8
22x28x2	21
26x29x2	3
29x30x1	15

**North Charleston Elementary School**

**Pleat MERV 8**

12x24x2	8
16x20x2	12
18x24x2	8
20x20x1	18
20x20x2	4
20x24x2	43
20x30x2	8
24x24x2	4
9x20x1	3
9x30x1	3

**North Charleston High School**

**Mini-Pleat 95%**

20x24x4	36
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**Washables**

(blank)	10
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**Pleat MERV 8**

12x12x1	5
12x20x2	3
14x20x2	40
16x20x2	88
16x20x2	6
16x20x4	6
16x25x2	92
16x25x4	18
18x24x2	2
20x20x1	1
20x20x2	11
20x24x2	36
20x25x2	56
21.25x21.25x1	21
25x25x2	6

**Northwoods Middle School**

**MERV 14 Bag**

27.5x13.5x12	41
29.5x15.5x12	4
(blank)	1
(blank)	1

**Washables**

(blank)	7
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**Pleat MERV 8**

12x12x1	10
12x20x1	35

14x20x2	4
15x20x2	2
16x20x2	8
16x20x4	3
16x25x2	20
16x30x1	3
16x32x2	44
20x20x1	6
20x20x2	32
20x25x4	1
<b>Oakland Elementary School</b>	
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	2
<b>Pleat MERV 8</b>	
14x25x2	11
15x20x2	20
16x20x1	1
16x25x2	4
18x24x2	10
20x22x1	38
20x25x2	18
<b>Orange Grove Elementary School</b>	
<b>Pleat MERV 8</b>	
16x25x2	4
20x20x1	138
20x20x2	36
20x25x1	16
20x30x2	10
<b>Pepperhill Elementary School</b>	
<b>MERV 14 Bag</b>	
27.25x13.25x12	19
27.5x13.5x12	10
28x14x12	2
29.25x15.25x12	7
(blank)	1
(blank)	2
<b>Washables</b>	
(blank)	
<b>Pleat MERV 8</b>	
12x20x1	6
16x20x2	8
16x25x2	18
16x32x2	2
20x20x2	20
20x22x1	1
20x25x2	4
20x35x2	4

24x30x2	6
<b>Pinehurst Elementary / Alice Birney Middle Schools</b>	
<b>MERV 14 Bag</b>	
27.25x13.25x12	30
29.5x15.5x12	4
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	6
<b>Pleat MERV 8</b>	
12x12x1	6
16x20x1	11
16x20x2	16
16x20x4	3
16x24x2	4
18x18x2	6
18x24x2	26
18x24x4	10
20x20x1	25
20x20x2	8
20x24x2	4
20x25x2	6
20x25x4	4
21x21x1	2
<b>Sanders Clyde Creative Arts Elementary School</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
16x20x1	12
16x25x2	24
18x25x1	26
20x20x1	19
20x20x2	8
20x25x2	44
20x25x4	8
20x30x1	1
20x30x2	4
20x35x2	2
29x29x1	1
29x30x1	2
<b>School of Arts (SOA/Academic Magnet)</b>	
<b>Pleat MERV 8</b>	
12x20x1	1
12x24x2	105
15x20x2	2
16x25x2	4
20x20x1	4
20x25x2	32
24x24x2	221



**Springfield Elementary School**

(blank) 1

(blank) 1

**Washables**

(blank) 10

**Pleat MERV 8**

16x20x1 22

18x24x2 40

20x20x1 22

20x20x2 4

20x25x1 21

20x25x2 4

20x30x2 6

24x30x1 10

**Springfield Elementary School Commons Bldg****Multi-Cell 95%**

20x20x6 6

24x12x6 5

24x20x6 2

(blank) 1

**Pleat MERV 8**

12x24x2 1

12x24x2 5

16x20x2 14

16x25x2 12

18x25x1 2

20x20x2 3

20x20x2 6

20x24x2 2

20x24x2 2

20x25x2 9

20x30x2 4

**St Andrews Middle****MERV 14 Bag**

27.25x13.25x12 5

29.5x15.5x12 14

**Washables**

(blank)

**Pleat MERV 8**

12x20x1 4

14x20x2 28

16x16x2 4

16x20x1 4

16x20x2 18

16x20x2 20

16x24x2 12

16x25x2 15

16x32x2 4

20x20x1 6

20x20x2	6
20x20x2	12
20x25x1	33
20x30x2	14

**St Andrew's School of Math & Science**

**Multi-Cell 95%**

24x12x6	15
24x20x6	2
24x24x6	12
(blank)	2
(blank)	2

**Pleat MERV 8**

12x24x2	27
15x20x1	3
15x20x2	2
18x20x1	2
18x24x1	42
19x25x1	16
20x20x2	9
20x24x2	2
20x25x2	7
20x30x1	2
20x30x2	6
24x24x2	24

**St James Santee Elementary School**

(blank)	1
(blank)	1

**Pleat MERV 8**

12x20x2	12
12x24x2	13
14x25x2	6
16x20x2	12
16x20x4	12
20x20x1	5
20x20x2	54
20x20x4	52
20x24x2	4
20x24x4	2
20x25x2	12
20x25x4	4

**St Johns High School**

**Washables**

(blank)	3
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**Pleat MERV 8**

16x20x2	8
16x25x2	24
16x30x1	3
18x24x2	24
20x24x2	35

20x25x2	55
20x35x2	30
<b>Stall High School</b>	
<b>Pleat MERV 8</b>	
16x20x2	12
16x24x2	56
16x25x2	88
16x30x1	18
20x20x2	6
20x24x2	15
20x25x2	156
20x30x2	6
<b>Stiles Point Elementary New</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
12x20x2	12
16x25x2	16
20x20x1	97
20x20x2	14
20x25x2	57
20x30x1	6
20x30x2	6
<b>Stono Park Elementary School</b>	
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	20
<b>Pleat MERV 8</b>	
14x20x2	4
16x20x2	68
16x25x2	52
20x20x1	64
<b>Sullivan's Island Elementary School</b>	
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	5
<b>Pleat MERV 8</b>	
16x20x2	48
16x25x2	4
18x30x2	8
20x24x2	29
20x25x2	12
24x30x2	3
26x29x2	14
<b>Toole Military Magnet</b>	
(blank)	1
(blank)	1

<b>Washables</b>	
(blank)	1
<b>Pleat MERV 8</b>	
11.5x11.5x1	1
11x11x1	7
14x20x2	60
16x16x2	40
16x20x2	16
16x25x2	32
18x18x1	22
18x20x1	6
18x24x2	9
18x30x1	16
20x20x1	55
20x20x2	59
20x20x4	18
20x24x2	65
20x24x4	6
20x25x2	19
24x24x1	20
<b>Wando High School</b>	
(blank)	1
(blank)	1
<b>Washables</b>	
(blank)	25
<b>Pleat MERV 8</b>	
14x20x2	8
16x20x1	1
16x20x2	40
16x24x2	80
16x25x2	75
18x24x2	52
20x20x1	1
20x20x2	30
20x24x2	40
20x25x2	123
20x30x2	2
21.25x21.25x1	2
24x24x2	154
25x25x2	4
<b>West Ashley Center for Advanced Studies</b>	
<b>Mini-Pleat 95%</b>	
18x24x4	18
<b>Washables</b>	
(blank)	11
<b>Pleat MERV 8</b>	
15x20x2	30
16x20x1	13
16x20x2	18

16x25x2	54
18x24x2	60
18x24x4	27
20x23x1	15
24x24x2	15
<b>West Ashley Head Start</b>	
<b>Washables</b>	
(blank)	17
<b>Pleat MERV 8</b>	
20x25x1	1
<b>West Ashley High</b>	
<b>MERV 14 Bag</b>	
27.5x13.5x12	2
28x14x12	2
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
10x22x1	3
15x20x2	36
15x24x1	5
15x25x2	5
16x20x1	16
16x20x2	42
16x25x1	15
16x25x2	14
17x20x1	6
18x20x1	3
18x24x2	80
19x38x1	25
20x20x1	8
20x20x2	238
20x24x2	30
20x25x1	3
20x25x2	30
20x30x1	24
20x30x2	26
20x38x1	18
24x24x1	2
24x30x1	4
25x25x2	15
25x33x1	104
30x40x1	1
<b>West Ashley Middle School</b>	
<b>MERV 14 Bag</b>	
29.25x15.25x12	21
29.5x15.5x12	1
<b>Washables</b>	
(blank)	4
<b>Pleat MERV 8</b>	

10x20x1	2
12x20x1	29
12x20x2	6
12x24x2	8
13x22x1	4
14x36x1	1
15x15x1	2
15x20x1	2
15x20x2	20
16x16x2	4
16x20x1	4
16x20x2	14
16x25x2	8
16x32x1	15
16x32x2	36
17x22x1	2
18x30x1	1
20x20x1	1
20x20x2	2
20x22x1	1
20x25x2	10
20x30x1	2
<b>Whitesides Elem.</b>	
<b>Multi-Cell 95%</b>	
20x24x6	11
(blank)	1
<b>Pleat MERV 8</b>	
15x20x1	2
16x25x2	4
18x25x1	4
20x24x2	24
20x25x1	1
20x25x2	18
20x30x1	48
28x30x1	4
<b>Zucker Middle School</b>	
(blank)	1
(blank)	1
<b>Pleat MERV 8</b>	
12x20x2	14
16x20x2	24
16x25x2	4
18x24x2	12
18x25x2	1
20x20x1	4
20x20x2	34
20x24x2	8
20x25x2	32
20x30x2	16

24x30x2

5

**Grand Total**

**17645**