SITE ASSESSMENT REPORT

Clean Air Technology Program for Schools

Grace Smith School

9 E. 4th St.
Niland, CA 92257
Assessment Period: October 2018

Commercial Solutions Division

IQAir North America, Inc.
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La Mirada, CA 90638
Phone: 562-903-7600

1. Background

IQAir has conducted a full site assessment to collect information on all occupied indoor spaces, heating, ventilation and air conditioning (HVAC) systems and other relevant data in order to determine the appropriate clean air technology upgrades at the site to reduce the indoor exposure to harmful particulate outdoor pollutants.

The proposed clean air technology upgrades are based on advanced air filtration and other technologies approved by the South Coast Air Quality Management District (AQMD) based on the results of a 2008 AQMD three school pilot study, results of a 2010 classroom filtration technology testing program by the University of California, Riverside Center for Environmental Research & Technology (UCR CE-CERT), as well as experience gained through a multi-school air filtration implementation program (AQMD P2008-21).

The proposed technology upgrades have been demonstrated to significantly reduce in-classroom levels of harmful ultra-fine particles, such as diesel soot as well as other particulate matter (PM). The clean air technology program approach upgrades existing HVAC systems when possible and appropriate to function as high-performance air cleaning devices. When absent or if no suitable HVAC system is present, wall and/or floor mounted high-performance air filtration systems are installed. In order to ensure proper maintenance, conserve energy and promote sustainability, filter life monitoring systems are installed. Testing data has demonstrated that HVAC system performance is not adversely affected by the clean air technology upgrade, and in many cases improved.

2. Site Overview

Grace Smith School is a part of Calipatria Unified School District.

The school site consists of the following buildings:

- Main – This building is serviced by packaged HVAC units located on the roof.
- Family Resource Center – This building is serviced by packaged HVAC units located on the roof.
- Cafeteria - This building is serviced by packaged HVAC units located on the roof.
- Classroom Buildings - These buildings is serviced by packaged HVAC units located on the roof.

3. Clean Air Technology Recommendations

The proposed clean air technology extension and upgrades consist of:

- Placement of (87) IQAir Nanomax panel filters
- Installation of (10) Cleanzone SL Systems
- Installation of (3) Air Visual Pro devices for air quality monitoring

All work will be performed in accordance with Cal/OSHA regulations for lead and asbestos hazards.

4. Cost Summary

The air filtration project for Grace Smith School has an estimated cost of $245,000 with a 5 year maintenance contract.

5. Proposed Work Locations

Reference detailed workbook noting air filtration technology needed for each room.

6. NanoMax Air Filtration Installation

IQAir NanoMax high-performance panel filters represent a breakthrough in air filtration technology for HVAC systems, since they combine very high removal (MERV 16) of harmful particles with a low pressure drop and exhibit a longer-than-average filter life depending on external conditions (approximately 6 to 12 months).

A high-performance air filtration upgrade requires that a HVAC system already has a 2“ deep filter rack or is able to be upgraded with such.

Figure 1: High Performance Panel Filters

As part of an integrated site clean air technology upgrade, the HVAC filtration upgrade has been demonstrated to significantly reduce in-classroom levels of harmful ultra-fine particles, such as diesel soot as well as other particulate matter (PM). Extensive testing and field data have demonstrated that HVAC system performance is not adversely affected by the air filtration upgrade, and in many cases improves airflow and thermal comfort.

7. Stand-Alone Air Filtration System Installation

CleanZone SL Stand-Alone Air Filtration System

The CleanZone SL stand-alone air filtration system was specifically developed for use in large, noise sensitive environments such as classrooms. Its narrow, wall-mounted design ensures that it has minimal impact on the teaching environment. Its large filters ensure that filter replacement intervals are typically 6 to 12 months. The system features an internal PIR sensor that automatically turns the system on and off based on occupancy. Due to the system’s low

energy consumption of 100 watts, the system can be easily installed to run off the classroom's lighting circuit in cases where no suitable electrical outlets are available.

Placement

The CleanZone SL stand-alone air filtration system can be mounted high up on the classroom wall in a horizontal orientation, or it can be mounted at ground level in a vertical orientation. The final positioning of the stand-alone system will be determined by factors including available floor or wall space, wall construction, as well as room height and layout. Lathe and plaster walls, for example, will require a floor supported wall-mount method that minimizes wall load. IQAir recommends that the CleanZone SL be hard wired to the classroom's electrical wall outlet circuit, and its operation controlled by an integrated occupancy sensor.

Mounting

The wall-mount bracket is used to position the CleanZone SL high on the classroom wall to minimize the intrusion on valuable classroom space, and to ensure proper air cleaning while minimizing uncomfortable drafts. At least 29" x 84" of free wall space is required to mount the CleanZone SL and provide for airflow through the unit.

Stand-alone air filtration systems, which weigh approximately 100 pounds, are mounted on the walls using a 28" x 44 ½" back-plate that is secured onto (2) 6' lengths of unistrut.

Appropriate fasteners will be used to match the construction of the wall.

The CleanZone SL is hung on the wall-mount bracket with four (4) M5 galvanized machine screws, and secured in place with two tamper-resistant Torx screws (pin-T25).

Connecting the CleanZone SL to Power

The CleanZone SL was designed to operate from a standard 120VAC/60Hz electrical power circuit. It draws less than 1A of current, thus placing only the load equivalent of a conventional 100 watt light bulb on the existing electrical outlet circuit.

Electrical wiring will be run from the CleanZone SL to the nearest electrical wall outlet, and run along the ceiling and walls or secured above drop ceilings. Support and strapping will be installed as required by code. The wall outlet may be replaced with a surface-mounted fixture that allows the hard wired connection for the CleanZone SL.

All electrical connections at the outlet fixture and the CleanZone SL will be performed by a licensed electrician.

8. Filter Life and Air Quality Monitoring

IQAir's FilterView uses virtual sensor that use proprietary algorithms that provide an estimate on filter life data in a HVAC system or stand-alone air filtration system. By using this virtual sensor, it allows the accurate determination of filter replacement needs based upon actual filter loading.

When virtual sensors are set up at a representative number of HVAC systems in a facility, they allow for that facility to move from changing all filters at a fixed interval to only replacing filters that have reached their estimated useful life. This minimizes maintenance costs associated with filter replacement, while ensuring maximum filter service life and protecting HVAC equipment.

The AirVisual Pro is a smart air quality monitor that can be used to quantify and monitor microscopic PM2.5 particles in the air with laser technology. By monitoring the air conditions, it enables end users to compare indoor and outdoor conditions and take action by identifying invisible pollutants, then eliminating them to the desired air quality is achieved. The following is proposed for installation:

- Installation of (2) indoor Air Visual Pro monitors
- (1) outdoor AirVisual Pro monitor

9. Training

IQAir will train school staff designated by the school district.

Option 1: 5 years
IQAir will provide maintenance assistance for a period of five (5) years after installation.

9.1. Facilities & Maintenance Training Requirements

The facilities & maintenance training is expected to take 1 hour. IQAir is to conduct the following training for the school's facilities and maintenance staff:

- Replacement of filters according to filter replacement list:
  - High-performance HVAC panel filter replacement
  - Cleanzone SL filter replacement

High-Performance HVAC Panel Filter Replacement

High-performance HVAC panel filters are expected to have an average service life of six (6) months.

9.2. Teacher & Administrator Training Requirements

The training is expected to take no more than 30 minutes. IQAir will provide information for faculty and administrators regarding:

- Clean Air Technology operation principles

IQAir will provide teacher pamphlets to explain the upgraded air filtration at the school. IQAir will review the contents of that document with the principal, and be available to answer any questions.
IQAir will also provide parent and student pamphlets to explain the upgraded air filtration at the school.

10. Maintenance

IQAir will provide maintenance support for all clean air technology for the 5 year duration of the program. IQAir will provide replacement air filters to ensure a minimum of five years of operation. Due to conditions near the Salton Sea, filter replacements are needed bi-annually. Replacement filters will be delivered to the school after training has occurred or as per arrangement with the school district.

IQAir estimates the following replacement filter quantities:

Option 1: 5 years

783 pcs	High-performance HVAC panel filter
180 pcs	HyperHEPA SL

11. Environmental Health and Safety

Stand-Alone Air Filtration System Installation

Each of the stand-alone air filtration systems requires one back plate, two 6' lengths of unistrut, and one electrical cable. Back plates require 10 screws and electrical cables require 8 screws for a total of 18 screws per system. Screw holes are 0.25 inch diameter (0.05 square inches per hole), for a total of 0.9 square inches per system. The total disturbed wall/ceiling area due to stand-alone air filtration system equates to 19.8 square inches.

Even though it is assumed that both asbestos and lead are present in the ceilings and walls, the total disturbed wall/ceiling area at this worksite equates to less than the 3 square foot limit (432 square inches) for Lead and Asbestos as

defined by the Environmental Protection Agency, and therefore does not constitute a trigger event that requires full EHS containment.

11.1. EHS Work Plan

All work performed at sites where building construction is prior to 1978 will be in accordance with Cal/OSHA Title 8 §1529 Asbestos, California Code Of Regulations, Title 17, Division 1, Chapter 8 Accreditation, Certification, and Work Practices for Lead-Based Paint and Lead Hazards, and The U.S. Department of Housing and Urban Development (HUD) Guidelines For the Evaluation and Control of Lead-Based Paint Hazards in Housing pursuant to Title X of the Housing and Community Development Act of 1992.

- Work shall be performed with a High Efficiency Particulate Air (HEPA) filter equipped vacuum cleaner available, as well as a supply of plastic sheeting, sponges, plastic waste bags, water, etc.
- Plastic sheeting shall be laid down beneath the location where a hole will be drilled. The area shall be closed off from foot traffic using barrier tape.
- Holes shall be drilled through a wet sponge.
- Any dust generated shall be immediately vacuumed or wiped up using wet sponges.

11.2. Work Schedule

The total time to hang one back plate and electrical cable in a room would be approximately 45 minutes per room, for a total of 3 hours.

One classroom is defined as a work area zone. The total number of backplates that can be installed in one day would equal about eight (8).

The work at each school site would be divided up so that 8 classrooms or less would be worked on and completed within one workday (in accordance to Level 1 LBP Operations and Maintenance Work Procedures).

Work Area Set-Up

IQAir will demarcate the area of exposure to minimize traffic within the area and to protect persons outside the area from airborne asbestos exposures, even if a negative exposure assessment has been produced.

When working with fireproofing and textured acoustical plasters, IQAir will cordon off the area and set-up negative pressurization of the controlled renovation activity using glove bag or mini-containment methods.

Work Procedures

Workers will install a drop cloth below the area to be disturbed and shoot or drill the anchor through the wetted sponge or cut the material through a wetted sponge, as applicable. HEPA vacuum the area following all work and place the sponge and debris into a sealed plastic disposal bag. (IQAir will not use these procedures on asbestos-containing thermal system insulation (TSI) or asbestos-containing surfacing materials, such as asbestos fireproofing or acoustical sprayed-on plaster finishes.)

When drilling fireproofing and textured acoustical plasters, only a Certified Asbestos Worker under Cal/OSHA Work Class I or III procedures, as applicable, shall complete such work. IQAir will wet such materials throughout the controlled renovations. IQAir will not allow ACM on cores to fall into the ceiling plenum or Crawl Space below.

Clean Up Methods

IQAir will immediately clean up all debris dislodged from coring or drilling through asbestos and trace asbestos substrates using a dampened sponge and HEPA vacuum.

Remove top layer of plastic from floor and discard. Keep bottom layer of plastic on the floor for use on the next day. HEPA vacuum, wet wash and HEPA vacuum all surfaces in the work area(s). Also wet wash and HEPA vacuum floor in adjacent area(s) used as a pathway to work area.

Clean up shall include wet wiping using a TSP solution and HEPA vacuuming all suspect dust and debris areas.

Debris will not be stored inside the work area overnight. Since there will only be 5 or less classrooms worked on in a single workday, there will be daily cleanup of asbestos and lead-based paint debris from site demolition, coring, anchoring or other minor disturbances.

If IQAir has worked with fireproofing and textured acoustical plasters, immediately after the filtration system is installed, IQAir will clean up the mini-containment using wet methods and a HEPA vacuum.

Disposal of Contaminated and Other Materials

Disposal of intact lead-coated architectural or structural elements may occur as nonhazardous waste in accordance with Cal/EPA's and the Department of Toxics Substance Control's requirements.

Loose and peeling lead-based paints and miscellaneous lead debris shall be treated as hazardous waste, unless otherwise indicated.

Should IQAir need to dispose of fireproofing and textured acoustical plasters, IQAir will gooseneck and dispose of the glove bags, where applicable, within a double waste bag and comply with federal, local and school disposal regulations.

As the generator of the hazardous waste, it is the responsibility of the school to arrange for its pick up and proper disposal.

12. Schedule

IQAir proposes to perform the installation at Grace Smith School as soon as approval is received.

- Installation dates will be determined upon agreement with Calipatria Unified School District.
- Total on-site installation time will be approximately 3 to 4 days with 4 field team members.

Note: time estimates are contingent upon free access to the school site, 12 hours/day unobstructed access to perform the work on holidays and on weekends, and 6 hours/day unobstructed access (after school hours) to perform the work during active portions of the school year.

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Site Location: Grace Smith School
Address: 9 E. 4th St., Niland, CA 92257

Technician: Joey
Date: 10/11/2018

Building	Room	HVAC (yes/no)	HVAC Type	HVAC Make	Location	Existing Filter Size	Existing Filter Qty	Room Size	Major Modification (yes/no)	Minor Modification (yes/no)	NanoMax Size	NanoMax Qty	Stand-Alone System	Stand-Alone Qty	Notes
Main	Office 1	Y	package		roof	12x20x1	2		N	N	20x20x2	1			roof access in main office
	Office 2	Y	package		roof	16x20x2	4		N	N	16x20x2	4			
	Office 3	Y	package		roof	20x20x1	1		N	N	20x20x2	1			
	Library 1	Y	package		roof	12x20x1	2		N	N	20x20x2	1			
	Library 2	Y	package		roof	16x20x2	4		N	N	16x20x2	4			
	Gym 1	Y	package		roof	20x25x2	4		N	N	20x25x2	4			
	Gym 2	Y	package		roof	20x25x2	4		N	N	20x25x2	4			
	Gym 3	Y	package		roof	20x25x2	4		N	N	20x25x2	4			
	Gym 4	Y	package		roof	20x25x2	4		N	N	20x25x2	4			
	Gym 5	Y	package		roof	20x25x2	4		N	N	20x25x2	4			
	Gym 6	Y	package		roof	20x25x2	4		N	N	20x25x2	4			
Family Resource Center	Family Resource Center	Y	package		roof	16x30x1	1		Y	N			CZSL + Smart & OS	1	
Cafeteria	Cafeteria 1	Y	package		roof				N	N	16x24x2	1			
											18x24x2	1			
	Cafeteria 2	Y	package		roof	16x16x2	4		N	N	16x16x2	4			
	Cafeteria 3	Y	package		roof	16x16x2	4		N	N	16x16x2	4			
	Cafeteria 4	Y	package		roof	16x16x2	4		N	N	16x16x2	4			
	Cafeteria 5	Y	package		roof	16x16x2	4		N	N	16x16x2	4			
	Cafeteria 6	Y	package		roof	16x16x2	4		N	N	16x16x2	4			
	Cafeteria 7	Y	package		roof	16x16x2	4		N	N	16x16x2	4			
	Cafeteria 8	Y	package		roof	16x16x2	4		N	N	16x16x2	4			
	Cafeteria 9	Y	package		roof	16x16x2	4		N	N	16x16x2	4			
	Cafeteria 10	Y	package		roof	16x16x2	4		N	N	16x16x2	4			
	Cafeteria 11	Y	package		roof	16x20x2	1		N	N	16x20x2	1			
						20x20x2	1				20x20x2	1			
						16x25x2	1				16x25x2	1			
						20x25x2	1				20x25x2	1			
Room 2-6	Room 2	Y	package		roof	24x24x1	1		Y	N			CZSL + Silencer & OS	1	
	Room 3	Y	package		roof	24x24x1	1		Y	N			CZSL + Silencer & OS	1	
	Room 4	Y	package		roof	24x24x1	1		Y	N			CZSL + Silencer & OS	1	
	Room 5	Y	package		roof	24x24x1	1		Y	N			CZSL + Silencer & OS	1	
	Room 6	Y	package		roof	24x24x1	1		Y	N			CZSL + Smart & OS	1	
Room 7-10	Room 7	Y	package		roof	24x24x1	1		Y	N			CZSL + Silencer & OS	1	
	Room 8	Y	package		roof	24x24x1	1		Y	N			CZSL + Silencer & OS	1	
	Room 9	Y	package		roof	24x24x1	1		Y	N			CZSL + Silencer & OS	1	
	Room 10	Y	package		roof	24x24x1	1		Y	N			CZSL + Silencer & OS	1	
Room 11-13	Room 11	Y	package		roof	16x25x2	2		N	N	16x25x2	2			
	Room 12	Y	package		roof	16x25x2	2		N	N	16x25x2	2			
	Room 13	Y	package		roof	16x16x2	1		N	Y	16x16x2	1			need wire on top of filter to stop filter from bulging
Room 16-17	Room 16	Y	package		roof				N	N	16x24x2	1			
											18x24x2	1			
	Room 17	Y	package		roof				N	N	16x24x2	1			
											18x24x2	1			
	SPED Office	Y	package		roof				N	Y	20x20x2	1			install bottom 2" rail to fit filter
School Total	**38**	**38**	**38**				**92**		**0**	**0**		**87**		**10**	

Additional School Information

Facility Information
Number of Rooms: 38
Construction Date: 0

(Buildings built before 1978 are assumed to contain lead and asbestos)

Occupancy
Number of Students:
Number of Faculty:

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Contract Name: Grace Smith
Contract Length (Years): 5

Grace Smith School
Cost Summary

Task 1: Assessment/Evaluation					
Description	Resource	Number of Hours	Cost	Tax (7.75%)	Total
Pre-Evaluation	Labor - Project Manager	0	$ -		$ -
Pre-Evaluation	Labor - Project Specialist	0	$ -		$ -
Site Evaluation	Labor - Project Manager	2	$ 280.00		$ 280.00
Site Evaluation	Labor - Project Specialist	5	$ 600.00		$ 600.00
Site Evaluation	Labor - HVAC Journeyman	19	$ 1,710.00		$ 1,710.00
				Task 1 Total	**$ 2,590.00**
Task 2: Approval & Permits					
Description	Resource	Number of Hours	Cost	Tax (7.75%)	Total
Site Assessment Report	Labor - Project Manager	2	$ 280.00		$ 280.00
Site Assessment Report	Labor - Project Specialist	1	$ 120.00		$ 120.00
Site Assessment Report	Labor - Admin Assistant	0.25	$ 17.50		$ 17.50
EHS Approvals	Labor - Project Specialist	5	$ 600.00		$ 600.00
Facilities Approvals & Coordination	Labor - Project Manager	12	$ 1,680.00		$ 1,680.00
Facilities Approvals & Coordination	Labor - Project Specialist	12	$ 1,440.00		$ 1,440.00
Facilities Approvals & Coordination	Labor - Admin Assistant	12	$ 840.00		$ 840.00
Electrical Load Testing	Labor - Project Manager	0	$ -		$ -
Electrical Load Testing	Labor - Project Specialist	0	$ -		$ -
Electrical Load Testing	Labor - Admin Assistant	0	$ -		$ -
				Task 2 Total	**$ 4,977.50**
Task 3: Installation					
Description	Resource	Number of Hours	Cost	Tax (7.75%)	Total
High Performance HVAC Panel Filters	Materials (Taxable) - Filters		$ 8,057.39	$ 624.45	$ 8,681.84
High Performance HVAC Panel Filters	Labor - Project Specialist	43.5	$ 5,220.00		$ 5,220.00
High Performance HVAC Panel Filters	Labor - HVAC Journeyman	43.5	$ 3,915.00		$ 3,915.00
Filter Rack Adjustment Rails	Materials (Taxable) - Rails		$ 140.00	$ 10.85	$ 150.85
Filter Rack Adjustment Rails	Labor - Project Specialist	0.5	$ 60.00		$ 60.00
Filter Rack Adjustment Rails	Labor - HVAC Journeyman	0.5	$ 45.00		$ 45.00
Major HVAC Ductwork Modifications	Materials (Taxable) - Modification Materials		$ -	$ -	$ -
Major HVAC Ductwork Modifications	Labor - Project Manager	0	$ -		$ -
Major HVAC Ductwork Modifications	Labor - Project Specialist	0	$ -		$ -
Major HVAC Ductwork Modifications	Labor - HVAC Journeyman	0	$ -		$ -
Stand-Alone Air Filtration Systems	Materials (Taxable) - Stand-Alone Systems		$ 30,740.00	$ 2,382.35	$ 33,122.35
Stand-Alone Air Filtration Systems	Labor - Project Manager	10	$ 1,400.00		$ 1,400.00
Stand-Alone Air Filtration Systems	Labor - Project Specialist	35	$ 4,200.00		$ 4,200.00
Stand-Alone Air Filtration Systems	Labor - HVAC Journeyman	30	$ 2,700.00		$ 2,700.00
SCAQMD Classroom Placards	Materials (Taxable) - Placards		$ 760.00	$ 58.90	$ 818.90
SCAQMD Classroom Placards	Labor - HVAC Journeyman	9.5	$ 855.00		$ 855.00
FLS Installation	Materials (Taxable) - FLS Equipment		$ -	$ -	$ -
FLS Installation	Materials (Taxable) - EHS		$ -	$ -	$ -
Air Quality Morning	AVP Units		$ 807.00	$ 62.54	$ 869.54
FLS Installation	Labor - Project Specialist	0	$ -		$ -
FLS Installation	Labor - HVAC Journeyman	0	$ -		$ -
Travel	Labor - HVAC Journeyman	112	$ 10,080.00		$ 10,080.00
Installation Report	Labor - Project Manager	1	$ 140.00		$ 140.00
Installation Report	Labor - Project Specialist	16	$ 1,920.00		$ 1,920.00
Installation Report	Labor - Admin Assistant	1	$ 70.00		$ 70.00
				Task 3 Total	**$ 74,248.48**
Task 4: Verification					
Description	Resource	Number of Hours	Cost	Tax (7.75%)	Total
Pre-/Post-Installation Airflow Comparison	Labor - Project Specialist	0	$ -		$ -
Pre-/Post-Installation Airflow Comparison	Labor - HVAC Journeyman	0	$ -		$ -
Pre-/Post-Installation Differential Pressure Comparison	Labor - Project Specialist	0	$ -		$ -
Pre-/Post-Installation Differential Pressure Comparison	Labor - HVAC Journeyman	0	$ -		$ -
Pre-/Post-Installation Efficiency Comparison	Labor - Project Specialist	0	$ -		$ -
Post-Installation Verification Report	Labor - Project Specialist	0	$ -		$ -
Post-Installation Verification Report	Labor - Project Manager	0	$ -		$ -
Post-Installation Verification Report	Labor - Admin Assistant	0	$ -		$ -
				Task 4 Total	**$ -**
Task 5: Monitoring					
Description	Resource	Number of Hours	Cost	Tax (7.75%)	Total
Air Quality Monitoring (PN0.3, CO2)	Labor - Project Specialist	0	$ -		$ -
Air Quality Monitoring (PN0.3, CO2)	Labor - HVAC Journeyman	0	$ -		$ -
Air Quality Monitoring Report	Labor - Project Manager	0	$ -		$ -
Air Quality Monitoring Report	Labor - Project Specialist	0	$ -		$ -
Filter Life Monitoring (FLS) System	Labor - Project Specialist	40	$ 4,800.00		$ 4,800.00
Customized Filter Replacement Alerts	Labor - Project Manager	0	$ -		$ -
Customized Filter Replacement Alerts	Labor - Project Specialist	0	$ -		$ -
Customized Filter Replacement Alerts	Labor - Admin Assistant	0	$ -		$ -
				Task 5 Total	**$ 4,800.00**
Task 6: Training					
Description	Resource	Number of Hours	Cost	Tax (7.75%)	Total
Teacher & Administrator Training	Materials (Taxable) - Brochures		$ 250.00	$ 19.38	$ 269.38
Teacher & Administrator Training	Labor - Project Specialist	2	$ 240.00		$ 240.00
Facilities & Maintenance Training	Labor - Project Specialist	4	$ 480.00		$ 480.00
Training Report	Labor - Project Manager	1	$ 140.00		$ 140.00
Training Report	Labor - Admin Assistant	1	$ 70.00		$ 70.00
				Task 6 Total	**$ 1,199.38**
Task 7: Maintenance					

Description	Resource	Number of Hours	Cost	Tax (7.75%)	Total
High-Performance Replacement Filters	Materials (Taxable) - Replacement Filters		$ 133,716.51	$ 10,363.03	$ 144,079.54
Maintenance Support	Labor - Project Manager	10	$ 1,400.00		$ 1,400.00
Maintenance Support	Labor - Project Specialist	80	$ 9,600.00		$ 9,600.00
Maintenance Service Package	Labor - Project Manager	0	$ -		$ -
Maintenance Service Package	Labor - HVAC Journeyman	0	$ -		$ -
Maintenance Service Package	Labor - Admin Assistant	0	$ -		$ -
Maintenance Service Report - FilterView	Labor - Project Manager	0	$ -		$ -
Maintenance Service Report - FilterView	Labor - Project Specialist	0	$ -		$ -
Maintenance Service Report - FilterView	Labor - Admin Assistant	0	$ -		$ -
				Task 7 Total	**$ 155,079.54**

Task 8: Special Reporting					
Description	Resource	Number of Hours	Cost	Tax (7.75%)	Total
Final Project Report	Labor - Project Manager	1	$ 140.00		$ 140.00
Final Project Report	Labor - Project Specialist	4	$ 480.00		$ 480.00
Final Project Report	Labor - Admin Assistant	1	$ 70.00		$ 70.00
Quarterly Progress Reports	Labor - Project Manager	2	$ 280.00		$ 280.00
Quarterly Progress Reports	Labor - Project Specialist	8	$ 960.00		$ 960.00
Quarterly Progress Reports	Labor - Admin Assistant	2	$ 140.00		$ 140.00
				Task 8 Total	**$ 2,070.00**

Total Project Costs					
			Subtotal	Tax (7.75%)	Total
		Total Costs	**$ 231,443.40**	**$ 13,521.49**	**$ 244,964.89**