



Board Agenda Item #	IV E: Action Item
Date:	July 14, 2022
To:	Magnolia Public Schools – Board of Directors
From:	Alfredo Rubalcava, CEO & Superintendent
Staff Lead:	Patrick Ontiveros, Director of Facility and General Counsel Mustafa Sahin, Facility Project Manager
RE:	Approval of CalSHAPE Ventilation Grant Resolution for MSA-7 (Resolution #20220714-02)

Proposed Board Motion

I recommend for the Board to approve Resolution #20220714-02 to authorize Magnolia Science Academy-7 to accept the ventilation grant from the California Energy Commission to implement a CalSHAPE Program project.

Background

California Energy Commission’s California Schools Healthy Air, Plumbing, and Efficiency (CalSHAPE) Program provides grants to local educational agencies (LEA), that includes school districts, charter schools, and regional occupational programs, to fund the assessment, maintenance, and repair of ventilation systems, installation of carbon dioxide monitors, and replacement of noncompliant plumbing fixtures and appliances. Staff submitted the application for ventilation grant in May 2022, the amount is \$37,080.00. We received the Notice of Proposed Award for Magnolia Science Academy on June 30, 2022. The board of the LEA must pass a resolution to accept the award.

Budget Implications

- None

Exhibits (Attachments):

- Project estimate



ESTIMATE

License Number# 1082952

Peak West Plumbing
19 Buttonwood
Irvine, California 92614
United States

Mobile: 9496364118

BILL TO
Magnolia Science Academy 7
Mustafa Sahin

msahin@magnoliapublicschools.org

Estimate Number: 1012

Estimate Date: May 25, 2022

Expires On: August 25, 2022

Grand Total (USD): \$31,695.00

Items	Quantity	Price	Amount
Unit Maintenance SECTION 1. SERVICES PROVIDED UNDER AGREEMENT 1. Air Conditioner, Heater, and Thermostat Semi-Annual Preventative Maintenance Service. (1 per year) A. Inspect all covered equipment and perform preventative maintenance services Including, but not limited to, Check system refrigerant level and operating pressures Check system for refrigerant leaks Clean Condenser and Evaporator coils Clean primary and secondary condensate drain pans Add antifoulant tablets to condensate drain pan * Replace or clean air filter per manufacturer B. Furnish all materials and labor required to perform maintenance service. C. Advise customer or His/Her representative when equipment shut down is required for other than normal service System Overview Filtration System Ventilation Rate Economizer Operation Demand-Control Ventilation Air Distribution and Building Pressure General Maintenance Operational Controls CO2 Monitoring	11	\$1,750.00	\$19,250.00
Filter Counts Replace Air filters	44	\$20.00	\$880.00



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Items	Quantity	Price	Amount
CO2 Monitors Install, replace new Co2 Monitors Non-dispersive Infrared (NDIR) Carbon Dioxide Sensor w/ LCD Display, Duct Mount	11	\$615.00	\$6,765.00
Labor Hours Install, replace air filter Hourly Rate \$150.00	20	\$150.00	\$3,000.00
Assessment Report Assessments Report includes following System Overview Filtration System Ventilation Rate Economizer Operation Demand-Control Ventilation Air Distribution and Building Pressure General Maintenance Operational Controls CO2 Monitoring	12	\$150.00	\$1,800.00
Timing Estimate start date 08/01/2022 estimate completion date 07/31/2023	1	\$0.00	\$0.00
		Total:	\$31,695.00
		Grand Total (USD):	\$31,695.00

Notes / Terms

Peak West Plumbing shall be excused from any delay or failure in performance required hereunder if caused by reason of any occurrence or contingency beyond its reasonable control, including, but not limited to, acts of God, acts of war, fire, insurrection, strikes, lockouts or other serious labor disputes, riots, earthquakes, floods, explosions or other acts of nature. The Client acknowledges and agrees that PEAK WEST PLUMBING will not be liable for any losses or damages, whether indirect, incidental, special or consequential, in profits, goods or services, irrespective of whether or not the Client has been advised or otherwise might have anticipated the possibility of such loss or damage. The client acknowledges and agrees that PEAK WEST PLUMBING cannot guarantee the results or effectiveness of any of the services rendered or to be rendered. Rather, services shall be executed in a professional manner and in accordance with good industry practice. Best efforts will be used but no results are promised.

Preventing Maintenance

Ventilation Pathway Selection —

Q1. Are all of the HVAC systems at this site scheduled for replacement within the next two years? Yes No

Q2. Does this site have limited or no mechanical ventilation? (If only certain classrooms and/or buildings lack ventilation, the answer would be 'no') Yes No

Pathway Selection : Pathway 1 - HVAC Assesment & Maintenance maximum award is based on the number of HVAC system units at the site [$\$10000 + (\$1000 \times \text{Number of Units})$], \$600 per unit CO2 Monitor Costs and \$75 per filter unit. The total grant award includes a contingency fund of 20% of the total Requested Funding amount.

Number of Classrooms at this site Total count of all CO2 monitors cannot exceed the Number of Classrooms.

	A & M	Filters	Monitors	Contingency (20%)	Total
Project Cost	\$21,050.00	\$3,880.00	\$6,765.00		\$31,695.00
Requested Funding	\$21,000.00	\$3,300.00	\$6,600.00	\$6,180.00	\$37,080.00

Assessment & Maintenance		Filters	CO2 Monitors		
	Labor Rate	Labor Hours	Labor Cost	Estimated Materials Cost	Category Total Cost
Assess / Adjust / Maintenance	\$150.00	115	\$17,250.00	\$2,000.00	\$19,250.00
Assessment Report	\$150.00	12	\$1,800.00	\$0.00	\$1,800.00
Total A & M Costs					\$21,050.00
Total Other Funds <i>Other Funding offsetting A & M Costs</i>					\$0.00
Net A & M Costs					\$21,050.00
Number of Units for A & M	<input type="text" value="11"/>	Max Award	<i>(\$10K + \$1K per unit)</i>		\$21,000.00
Requested Funding <i>Lesser of Net A & M Costs or Max Award</i>					\$21,000.00

[Site Main](#)