Mountain View Whisman - AB 841 Complete Summary of Award (1 school)

AB 841 Assessment, Testing, Maintenance (Includes initial assessment – then allowed repairs, adjustments, maintenance routines at all sites per AB841 guidelines- see below for typical repairs work scope)	**Filtration** MERV-8 to MERV-13 as required by system/testing	**CO2 Monitors** Pelican TS250 or other	**AB 841 Contingency Fund (20%)** (Additional repairs and emergency purchases at all sites per **AB 841 and ASHRAE** guidelines - see below for typical repairs, purchases work scope)	**Estimated Total AB 841 Grant Award**
$128,190 (max assessment award)	**$10,001 (Set)**	**$13,274 (Set)**	**$30,366 (max award)**	**$181,830 (6-2-22)**
1. As found TAB readings of all supply & return grilles & build out a deficiency log ○ Provide a report of all readings and indicate any deficiencies from original design requirements with recommendations for corrections. ○ If the space use has changed since the original design, the report will include recommendations for corrections. 2. Measure all Exhaust flows & build deficiency log ○ Perform as found TAB readings on all Exhaust air flows and provide a report of all readings ○ Indicate any deficiencies from original design requirements. 3. Test Demand Ventilation Systems ○ Demand systems will be tested for proper operation, including sensor calibration tests. ○ Provide a report of findings with recommendations for corrections, maintenance, or adjustments for the proper operation of the systems 4. Control Sequence test & review, verify daily flush, operation times & setpoints ○ For each HVAC system with a Direct Digital (DDC)control system, inspect the system and review its control sequences, ○ Verify outside air control, verify it provides a daily flush of outside air, and document its operating times & setpoints.	1. Provide Change of filters to MERV8 - MERV 13 if the HVAC systems have less than MERV8 -MERV 13 filters, **2.** Ensure the system can provide the required pressure for their operation	**1.** Install CO2 monitors in each classroom that does not presently have any CO2 monitoring capability. **2.** Stand-alone sensor with a readout so the staff can observe the present CO2 level in the classroom.	1. Economizer repair ○ Provide Economizer repair as recommended in the assessment or testing reports 2. Repair or maintain demand ventilation system ○ Repair or maintain the demand ventilation system as recommended in the assessment or testing reports 3. Repair coils ○ Repair all cooling or heating coils as recommended in the assessment or testing reports 4. HVAC system repair or replace ○ Provide HVAC system repairs, corrections, or maintenance as recommended in the assessment testing reports	

○ Provide a report of findings with recommended corrections or required maintenance. 5. Title 24 verification of ventilation / Outside Air (OSA) ○ Provide Title 24 verification of outside air flow for ventilation by conducting the required startup ○ Verification with CEC form "CEC-NRCA-MCH-02-A– Outdoor Air Acceptance" 6. Title 24 verification of economizers ○ Provide Title 24 verification of economizer operation by conducting the required startup and verification CEC form "CEC-NRCA-MCH-05-A– Air Economizer Controls" 7. Title 24 verification of demand ventilation ○ Provide Title 24 verification of existing demand ventilation systems ○ Conducting the required startup and verification CEC form CEC-NRCA-MCH-06-A–Demand Control Ventilation Systems Acceptance" 8. ASHRAE restart procedure for buildings ○ For any facility that has been previously unoccupied for over six months, perform an ASHRAE restart procedure for buildings per https://www.ashrae.org/technical-resources/building-readiness. ○ Includes verification that all the Basic assessments and testing have been completed. ○ Provide Building Readiness Plan, verify the pre- and post-building flush with outside air is completed ○ Verify the building's mode of operation for occupied and unoccupied times.			○ Work must be supported by AB841 contingency or emergency use funds 5. Other emergency fixes or equipment purchases allowed under AB841 requirements or CEC guidelines	