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STEPHEN ERTLE
Air Pollution Control Officer

Request for Proposals

Issued by the Butte County Air Quality Management District

Community Air Protection Incentives
FY2019/2020 Funds (2021)

Request Issue Date: March 1, 2021

Proposal Due Date: April 2, 2021 by 4:30pm

Proposed Board Approval Date: April 22, 2021

The Butte County Air Quality Management District (District) was awarded $855,672.86 in Fiscal Year 2019/20 project funds to fund projects meeting the goals of AB 617, SB 856, and the statewide Community Air Protection (CAP) Program - a community focused action framework to improve air quality and reduce exposure to criteria air pollutants and toxic air contaminants in the communities most impacted by air pollution.

The District is requesting project proposals that meet the criteria in the State CAP Incentives 2019 Guidelines and the District's CAP Incentives Policies and Procedures Manual. See Pages 2 through 4 of this Request for a summary of funding priorities and eligible projects. Additional information is also available at www.bcaqmd.org/cap.

To Apply

If your organization is applying for a zero-emission on-road or off-road equipment/vehicle replacement project, please complete an on-road or off-road Carl Moyer Program application available on the District's website at www.bcaqmd.org or at the District's office.

If your organization is applying for any other project category, please complete the District's Community Air Protection Incentives **General Application** and submit all requested information by the proposal due date.

Completed applications and inquiries can be submitted to:

Jason Mandly, Senior Air Quality Planner
Address: 629 Entler Avenue, Suite 15 Chico, CA 95928
Email: jmandly@bcaqmd.org
Fax: 530-332-9417
Phone: (530) 332-9400, Extension 108

This project was supported by the "California Climate Investments" (CCI) program.

Funding Priorities

The District will use the following Guiding Principles to help select projects that meet the goals of the Community Air Protection Program and AB 617:

- Reduce emissions in disadvantaged and low-income communities, with a goal of **75% of funds benefitting Disadvantaged Communities and 90% of funds benefitting Low-Income Communities**;
- Consider toxic air contaminant, criteria air pollutant, and greenhouse gas benefits;
- Engage communities and provide support;
- Provide emission reductions in excess of laws or regulations;
- Prioritize zero-emission technology and infrastructure;
- Consider special projects that protect sensitive receptors;
- Ensure transparency in project selection and reporting;
- Consider both cost-effectiveness and relative exposure reduction in funding decisions.

A map of Disadvantaged Communities (SB 535) and Low-income Communities (AB 1550) is available at https://ww3.arb.ca.gov/cc/capandtrade/auctionproceeds/lowincomemapfull.htm.

Eligible Projects

A. Zero-Emission Heavy Duty Engine Replacement and Infrastructure Projects (Carl Moyer Program)

a. Heavy Duty Engine Replacement

- Diesel or CNG on-road heavy-duty vehicle replacement;
- Diesel or spark ignited to zero-emission off-road heavy-duty equipment replacement.

b. Zero Emission Infrastructure

- Battery charging infrastructure associated with an equipment replacement project;
- New battery charging station (requires future amendments to District's Policies and Procedures).

Category	Project Type		Maximum Eligible Grant
On-Road	Zero-Emission Replacements or Conversions	School Buses	100%
		Transit Buses	95%/90%/60%*
		HHD Vehicles	95%/90%/60%*
		MHD Vehicles	95%/90%/60%*
		LHD Vehicles	95%/90%/60%*
	Conventional Diesel or Alternative Fuel Replacements	School Buses	$165,000
		Transit Buses	$25,000
		HHD Vehicles	$60,000
		MHD Vehicles	$40,000
		LHD Vehicles	$30,000
	Emergency Vehicles		80%
Off-Road	Repower to Zero-Emission		95%
	Mobile Equipment Replacement		90%
	Portable Equipment Replacement		90%
Infrastructure	Any Infrastructure Project		60%
	Any Infrastructure Project Located at a Sensitive Receptor		100%
	Publicly Accessible Projects		70%
	Public School Bus Battery Charging and Alternative Fueling		100%

*For on-road, percentages are for fleets of 1-3 vehicles, 4-10 vehicles, and over 10 vehicles, respectively.

B. Air Filtration Projects for Schools

Air filtration reduces the concentration of particulate contaminants from indoor air and is an important component of a school's Heating Ventilation and Air Conditioning (HVAC) system. Reducing airborne particles (such as PM2.5) is important because particulate matter negatively impacts human health, especially for sensitive populations such as children. Older HVAC systems and basic air filtration used in some schools only remove a small fraction of particles in the air that are smaller than 0.3 microns (μm).

a. Air Filter Panels

- New filters must be rated MERV 14 or higher;
- New filers can also filter other pollutants such as VOCs or odors;
- Schools can request funding for up to 5 years of replacement filters;
- If the current HVAC system cannot accept MERV 14+ filters, upgrades to the HVAC system are acceptable project costs.

b. Standalone Air Ventilation Units

- Must be rated MERV 14 or higher, or be certified HEPA;
- Must have a noise threshold at or below 45 decibels;
- Portable air cleaning units must include a clean air delivery rate for tobacco smoke (0.09-1.0 μM) that is appropriate for the classroom size.

Type of Equipment	Funding Amount
Air Filters (MERV 14+)	Up to 100%
Standalone Systems	Up to 90%

C. Composite Wood Product Projects for Schools

This project type pays a portion of the cost to replace damaged school furniture with furniture that contains composite wood made with no-added formaldehyde (NAF) glue or ultra-low emitting formaldehyde (ULEF) glue, thus decreasing the potential for formaldehyde emissions in classrooms.

Type of Equipment Funded	NAF Funding Percentage	ULEF Funding Percentage
Tables/Desks/Countertops	100 %	90 %
Chairs	100 %	90 %
Cabinets	100 %	90 %

D. Zero Emission Lawn and Garden Equipment for Schools

The use of internal combustion lawn and garden equipment to maintain schoolyards and sporting fields exposes children and equipment operators to elevated levels of air toxics and criteria air pollutants. This project type provides incentives to schools or contractors servicing those public schools to replace internal combustion powered lawn and garden equipment with zero-emission equipment.

Equipment Type	Equipment Funding Amount	Funding Amount for Additional Batteries and/or Charger
Chainsaws/Polesaws, Edgers, Trimmers, Blowers/Vacuums	70 percent of purchase price up to $400	70 percent of purchase price up to $400
Walk-Behind Mowers	70 percent of purchase price up to $750	70 percent of purchase price up to $750
Ride-On or Standing Ride Mowers (under 25hp)	70 percent of purchase price up to $15,000	Not Eligible

Guiding Documents and Additional Information

- The District's CAP Incentives Program is governed by the California Air Resources Board's CAP Incentives 2019 Guidelines Document located here: https://ww3.arb.ca.gov/msprog/cap/docs/cap_incentives_2019_guidelines.pdf.
    - For more information about zero-emission heavy duty engine replacement and infrastructure projects, please see Appendix A: Community Air Protection Funds Supplement to the Carl Moyer Program 2017 Guidelines (Page A-1).
    - For more information about Air Filtration projects, please see Chapter 5.E (Page 5-11).
    - For more information about Composite Wood Project projects, please see Chapter 5.C (Page 5-2).
    - For more information about Zero-Emission Lawn and Garden projects, please see Chapter 5.D (Page 5-6).
- More information about how the District is implementing CAP Incentives can be found in the District's CAP Incentives Policies and Procedures Manual located here: https://bcaqmd.org/cap/