

Blue Sky Grant

Public Workshop

**Feather River
Air Quality Management District**

September 27, 2017

Blue Sky Grant Basic Information

- Funding source is locally generated DMV renewal fees
- Authorized by Assembly Bills 2766 and 923
- FRAQMD Holds Annual Request For Proposals
- Must be approved by Board of Directors
- Projects are typically one year

Blue Sky Funds Available FY17/18

AB 2766

approx. \$250,000

AB 923

approx. \$300,000

AB 2766—Project Eligibility

- Projects that reduce air pollution from motor vehicles, or
- Projects that support the District's planning, monitoring, or enforcement programs, and technical studies necessary to implement the California Clean Air Act

AB 923 – Project Eligibility

- Replacing older school buses with new, cleaner buses in accordance with the Lower Emission School Bus Program (LESBP)
- School bus retrofits (AB 470 Halderman)
- New purchases of electric school bus
- Natural gas fuel tank replacement and refueling infrastructure maintenance for school buses
- Accelerated light duty vehicle retirement or repair program
- Other categories as defined in the statute

Required Information — All

- Proposal Summary Form
 - Must be signed by authorized representative
- Two complete copies in a sealed envelope
- Due by 5:00 pm on Monday October 16, 2017 to:
Feather River Air Quality Management District
541 Washington Avenue
Yuba City, CA 95991

Required Information— AB 2766

- Cover Letter-Address to Mr. Jay Pendergraph, Chair, FRAQMD Board of Directors
- Funding Request-Total project cost, co-funding sources, leveraging funds, and if alternative funding levels are available if project not 100% funded
- Statement of Objectives-Objective and scope of proposal, emission reductions and/or VMT reductions, trip reductions, and persons served
 - RFP contains specific requirements based on project type

- Background-Explain need for the project, identify subcontractors
- Project Organization-Management structure, monitoring, organization, facilities
- Work statement-Describe each phase, start and end dates, technology and parties involved
- Letters of support from other agencies are not needed unless they are co-sponsors
- Submit two originals, signed, on white 8 ½" x 11" sheets of paper, max 10 pages (not including cover letter and Proposal Summary Form), not bound

RFP Specific Requirements For:

- Clean fuel vehicles & infrastructure (except school buses)
- Alternative transportation projects (TMA, bicycle/ped. facilities, planning documents)
- Transit Services
- Public Education/Information

Clean Fuel Vehicles/Infrastructure

- Example project types:
 - Purchase of new low-emission on-road cars, trucks and buses (not school buses)
 - Repowering or retrofitting existing on-road vehicles with cleaner engines or other low-emission technology
 - Alternative fuel infrastructure (CNG, LNG, electric vehicle charging stations)
 - Electric vehicles
- Apply for the incremental cost (cost difference between new vehicle and new clean fuel vehicle)
- Include the cost-effectiveness of the project using tools here: <http://www.arb.ca.gov/planning/tsaq/eval/eval.htm>
- Submit quotes and specs from manufacturer

Alternative Transportation

- TMA or Employer Based Rideshare Incentive Program
 - Goals, # of Employers, monitoring, VMT reductions, itemized costs
- Bicycle or pedestrian facilities or improvements
 - VMT reductions, itemized costs, schedule
- Plans (alternative transportation plans or other type related to improving air quality)
 - Goals, regional benefits

Transit Services

- Establish new or expand/maintain existing transit services/Transit programs/Related promotions
 - Provide info on # buses, routes, passengers
 - Fuel type
 - Daily VMT per bus, project life, VMT reductions
- Vanpools/shuttles
 - Vehicle capacities, routes, fuel types, daily VMT
 - VMT reductions

Public Education/Information

- Indicate target audience, goals, outcomes
- How success will be measured (surveys, etc)
- VMT reductions

Required Information - AB923

- AB923 requirements begin on page 9
- Applicant information
- Information on bus to be replaced/repowered/retrofit
- Information on new bus/engine/retrofit
- Quote from dealer for new bus/engine/retrofit
- Emissions certification for new bus engine/retrofit
- Copy of CHP form 292 showing past three years.
- Identify match from school district.
 - No specific % or \$ required, but some match is requested by FRAQMD Board

Bus Replacement Requirements

- New diesel bus must meet emission standard of 0.20 g/bhp-hr for NOx 0.01 g/bhp-hr PM
- Replaced bus must be 1993 or older (MSC 10-45)
- Bus must be in use and have CHP certification for the past three years
- Replaced bus must be scrapped within 60 days
 - Can also be donated to fire/police with District pre-approval
- LESBP Guidelines available online at:
<http://arb.ca.gov/bonds/schoolbus/guidelines/2008lesbp.pdf>

AB 923 Cost Caps

Project Type	Maximum AB 923 Funds
Diesel-Fueled Bus Replacement	\$165,000
Low NOx Engine in Replacement	\$220,000
Hybrid School Bus	\$220,000
Electric School Bus	\$400,000
Electric Conversion (using an existing bus)	\$400,000
Repowers	\$70,000
Diesel Retrofit Project per Bus	\$20,000
Diesel Retrofit Maintenance	\$2,500 within \$20,000 retrofit cap
Alternative Fuel Infrastructure for alt-fuel bus replacements	\$16,500
On-board Natural Gas Tank Replacements	No cap

Cost Caps, Cont'd

Project Type	Maximum AB 923 Funds
Enhancement of Deteriorating Natural Gas Fueling Dispensers	No cap
Infrastructure for Powering Electric School Bus Replacements	\$20,000 per school bus
Diesel Retrofit Infrastructure	No cap on infrastructure, but must be within the \$20,000 retrofit cap
Alternative Fuel Infrastructure for Alt-Fuel Bus Replacements	\$16,500 per bus
Infrastructure for Electric School Bus Replacements Vehicle to Grid	No cap

Updated per #MSC 15-30 (December 18, 2015)

How Projects Are Ranked

- **Project Benefit**
 - Cost-effectiveness based on ton of pollutants reduced
 - Health impact will also be considered if quantifiable reductions are not easily derived
- **Dev/Imp of Clean Air Plans**
 - Federal plans (PM2.5, ozone) and State ozone plan
- **Leveraging Funds**
- **Demo/Intro New Technology**
- **Broad Application**
- **Provides a Public Benefit**
- **Other Desirable Factors**
 - Rapid results, low administrative costs, increased public awareness, reduction of other pollutants (toxics/ghg)

How Projects Are Selected

- District staff review the proposals and prepare funding recommendation
- Policy/Finance Committee (three members of FRAQMD Board of Directors) meet to consider staff's recommendation
 - Applicants are invited to attend meeting
- Policy/Finance Committee makes a funding recommendation
- Board of Directors considers Policy/Finance Committee recommendation, gives final approval at public meeting

Estimated Timeline

- August 17, 2017 —RFP issued
- Sept 27, 2017 —Public Workshop
- Oct 16, 2017 —Deadline to Submit Applications
- October, 2017 —Staff Review
- November, 2017 —Policy/Finance Committee Mtg.
- December 4, 2017 —Board Approval
- Dec/Jan 2018 —Contracts executed
- December 2018* —Projects completed
- December 2018* —Funding expended

*For 1 year projects

Mini-Grant Program

- The FRAQMD Board of Directors authorized a Mini-Grant Program for FY17/18.
- Mini-Grants may be awarded for bicycle racks, MIBM energizer stations, grants for teachers, school flag program, etc.
- Maximum of \$2,000 each, total funding \$10,000 for FY17/18
- Applications awarded first come first served
- Many projects eligible for both Blue Sky Grant or Mini-Grant
- Will begin shortly after Blue Sky Program

Where to go for more info...

FRAQMD's website:

<https://www.fraqmd.org/blue-sky-grant-progrm>

FRAQMD's office:

541 Washington Avenue, Yuba City, CA 95991

FRAQMD's staff:

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