Blue Sky Grant

Public Workshop

Feather River
Air Quality Management District

September 25, 2020
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 FY19/20

AB 2766
approx. $150,000

AB 923
approx. $350,000
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) or Carl Moyer Program
- School bus retrofits (AB 470 Halderman)
- New purchases of electric school bus
- Natural gas fuel tank replacement and refueling infrastructure maintenance for school buses
- Other categories as defined in the statute
General Information

- New Blue Sky Program Proposal Application Form
  - Must be signed by authorized representative
- Two complete copies for AB 2766 and one copy for AB 923
- Due by 5:00 pm on Monday October 19, 2020 to:
  Feather River Air Quality Management District
  541 Washington Avenue
  Yuba City, CA 95991
Application Form — AB 2766

- Project Applicant Information
- Funding Requested
- Project Type
- Signature of Authorized Representative (also who will sign the Grant Agreement)
- Funding Disclosure & Statement
- Statement of Objectives
  - Description, need for project, emission reductions and/or VMT reductions, trip reductions, regional benefit, number of years, and persons served
- Funding Request
  - Total project costs, by task/phase, funding sources, portion of funding for equipment/admin
• Project Organization-Management structure, tax status, monitoring, organization, facilities (for non-government)
• Work Statement-Describe each phase, start and end dates, technology and parties involved
  • Attach additional pages as needed
• Additional Information on Specific Project Types
  • Alt fuel infrastructure
  • Employer Rideshare Incentive Projects
  • Bicycle/Ped Facilities/Improvements
  • Expansion of Transit Services
  • Public Education/Outreach/Information
  • Vanpool/Shuttles
  • Transit Fare Reduction
  • Clean Fuel Vehicle Projects
• Letters of support from other agencies are not needed unless they are co-sponsors
• Submit two originals
  • Will be attached to Grant Agreement
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](http://www.arb.ca.gov/planning/tsaq/eval/eval.htm)

- Submit quotes and specs from manufacturer
Application Form - AB923

- Applicant information
- Funding Requested
- Applicant Disclosure & Statement
- Information on bus to be replaced/repowered/retrofit
- Information on new bus/engine/retrofit
- Attachments:
  - Existing bus registration
  - Proof of insurance coverage previous 24 months
  - Copy of current CHP form 292 previous 24 months
  - Existing engine executive order
  - Quote from dealer for new bus/engine/retrofit
  - Emissions certification for new bus engine/retrofit (executive order)
Bus Replacement Requirements

- School bus replacements funded under Carl Moyer or LESBP Guidelines
  - Matching funds required
  - Scrap options
  - Reporting
  - Current compliance status of bus (DPF)
  - Annual usage
- New diesel bus must meet emission standard of 0.20 g/bhp-hr for NOx 0.01 g/bhp-hr PM
- Bus must be in use and have CHP certification
- Replaced bus must be scrapped within 60 days
- Carl Moyer Guidelines available online at: https://www.arb.ca.gov/msprog/moyer/guidelines/current.htm
## AB 923 Cost Caps

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Maximum AB 923 Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diesel-Fueled Bus Replacement</td>
<td>$165,000</td>
</tr>
<tr>
<td>Low NOx Engine in Replacement</td>
<td>$220,000</td>
</tr>
<tr>
<td>Hybrid School Bus</td>
<td>$220,000</td>
</tr>
<tr>
<td>Electric School Bus</td>
<td>$400,000</td>
</tr>
<tr>
<td>Electric Conversion (using an existing bus)</td>
<td>$400,000</td>
</tr>
<tr>
<td>Repowers</td>
<td>$70,000</td>
</tr>
<tr>
<td>Diesel Retrofit Project per Bus</td>
<td>$20,000</td>
</tr>
<tr>
<td>Diesel Retrofit Maintenance</td>
<td>$2,500 within $20,000 retrofit cap</td>
</tr>
<tr>
<td>Alternative Fuel Infrastructure for alt-fuel bus replacements</td>
<td>$16,500</td>
</tr>
<tr>
<td>On-board Natural Gas Tank Replacements</td>
<td>No cap</td>
</tr>
</tbody>
</table>
## Cost Caps, Cont’d

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

*Updated per #MSC 15-30 (December 18, 2015)*
How AB 2766 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 AB 923 Projects Are Ranked

- Age of existing school bus
- Geographic distribution of funding
- Previous grant awards
- Cost-effectiveness
- Other factors as determined by the District Board
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

- September 2, 2020 — RFP issued
- Sept 25, 2020 — Public Workshop
- Oct 19, 2020 — Deadline to Submit Applications
- October 2020 — Staff Review
- November 2020 — Policy/Finance Committee Mtg.
- December 7, 2020 — Board Approval
- Dec/Jan 2021 — Contracts circulated
- Mar 1, 2021 — AB 2766 projects begin
- Feb 28, 2022 — AB 2766 projects completed
- May 31, 2022 — AB 2766 final reports & disbursements
- December 2022 — AB 923 projects completed
Mini-Grant Program

- The FRAQMD Board of Directors authorized a Mini-Grant Program for FY20/21.
- 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 $15,000 for FY20/21
- Applications awarded first come first served
- Many projects eligible for both Blue Sky Grant or Mini-Grant
- Will begin shortly after Blue Sky Program
Community Air Protection Program

- GGRF to reduce exposure in communities most impacted by air pollution
- Targeting engine replacement, repower, and infrastructure projects in Disadvantaged and Low-income Communities supporting the goals of AB 617 (Garcia, 2017)
- Projects through Carl Moyer Program
- Tentative Year 3 solicitation in early 2021
Where to go for more info…

Blue Sky Program website: https://www.fraqmd.org/blue-sky-grant-progrm
CAPP: https://www.fraqmd.org/community-air-protection-program
Mini Grant Program: https://www.fraqmd.org/mini-grant-program
Carl Moyer Program: https://www.arb.ca.gov/msprog/moyer/guidelines/current.htm
LESBP: https://www.arb.ca.gov/msprog/schoolbus/schoolbus.htm

FRAQMD’s office: 541 Washington Avenue, Yuba City, CA 95991

FRAQMD’s staff: Sondra Spaethe, Planning & Engineering Manager sspaethe@fraqmd.org (530) 634-7659 ext 210 (working remotely due to COVID-19)