





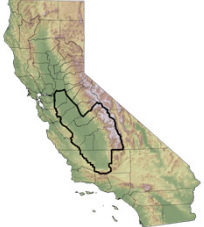
Request for Proposals Workshop

July 2, 2014




The San Joaquin Valley

- Eight-county region:
 - Fresno, Kern, Kings, Madera, Merced, San Joaquin, Stanislaus, and Tulare
- District has jurisdiction over 25,000 square mi
- 4.1 million people with high growth rate (4.7 million by 2020)
- Significant air quality challenges



Valley Air Quality Challenges

- Valley experiences unique and significant difficulties in attaining EPA's increasingly stringent standards
- Not many available or foreseeable opportunities remaining for new control measure commitments
- Existing standards already require long-term, "black box" (unknown) measures
- Technology advancement will be necessary to achieve necessary emission reductions
 - Meeting the previous standard will require a 75% reduction
 - The current standard will require 80–90% reduction
 - Transformative measures require significant investment in new technology and time



Program Timeline

- Technology Advancement Program adopted March 18, 2010, establishing District's strategic approach to technology advancement
- First request for proposal (RFP) issued June 3, 2010—6 projects selected for funding
- Second RFP issued July 5, 2011—12 projects selected for funding
- Third RFP issued September 11, 2012— 9 projects selected for funding
- Fourth RFP issued June 18, 2014



Funding Information

- \$4 million allocated for this RFP
 - \$3.5 million in local funds identified in the District's 2014-2015 budget for technology advancement
 - \$500,000 provided by EPA through Clean Air Technology Initiative partnership
- No funding limitation for individual projects; however, District is seeking to maximize the number of projects funded through this solicitation.



Focus Areas

- **Renewable energy** projects will focus on overcoming the barriers that prevent the use or adoption of zero-emission renewable energy sources or reduce emissions from renewable energy systems to make them cleaner than comparable non-renewable alternatives.
- **Waste solutions** projects will focus on waste systems or technologies that minimize or eliminate emissions from existing waste management systems and processes, including waste-to-fuel systems, such as dairy digesters and other bio-fuel applications.
- **Mobile sources** projects will demonstrate zero- or near-zero-emissions solutions to mobile source categories with emphasis on goods and people movement, off-road equipment, or agricultural equipment.



Proposal Format

- All project teams should submit an electronic copy of the proposal in searchable PDF form
 - Can be submitted via email, CD-ROM, or DVD
 - Size Limit: 10 megabytes
- A proposal will be immediately rejected if it is:
 - Received late
 - Not in the prescribed format
 - Does not include completed District forms, including signature(s) on application cover sheet(s)



Changes from Previous RFP

- District is requesting proposals from project teams
 - Project team includes key partners, such as technology developer(s), demonstration host(s), educational institution, etc.
 - Selected project teams will be expected to execute a multi-party agreement
- Applications will be pre-screened using key eligibility criteria before being fully evaluated
 - Eligibility criteria identified on page 10 of the RFP



Revised Evaluation Criteria (100 points total)

35%	Supports Air Quality Objectives
20%	Program Funding Required and Resource Leveraging
10%	Innovation and Technology Advancement
10%	Co-Benefits
10%	Technology Cost-Effectiveness
10%	Project Readiness
5%	Ongoing Use of Technology in the Valley
*Extra Credit	Building Capacity at Local Colleges and Universities

Projects should be capable of being put into operation within one year of execution of the grant agreement



Schedule

- June 18, 2014 – Release of RFP
- July 2, 2014 – RFP Workshop
- August 15, 2014 – RFP Closes
 - No later than 5:00pm
- 3rd and 4th Quarter 2014 – Review and Selection of Approved Projects



District Contacts

Technology Advancement Program Staff
technology@valleyair.org

San Joaquin Valley Air Pollution Control District
1990 East Gettysburg Avenue
Fresno, CA 93726-0244
(559) 230-5800
FAX (559) 230-6112



Questions or Comments