

October 23, 2013

TO: Members of the MAG Management Committee

FROM: Dean Giles, Air Quality Planning Program Specialist

SUBJECT: PM-10 CERTIFIED STREET SWEEPER PROJECTS FOR FY 2014 CMAQ FUNDING

The Maricopa Association of Governments is soliciting PM-10 Certified Street Sweeper Projects for FY 2014 federal Congestion Mitigation and Air Quality Improvement (CMAQ) funding in the Maricopa County PM-10 and West Pinal PM-10 nonattainment areas from member agencies. The purchase of PM-10 certified street sweeper projects supports the measure "PM-10 Efficient Street Sweepers" in the Revised MAG 1999 Serious Area Particulate Plan for PM-10 for the Maricopa County Nonattainment Area. In addition, the MAG 2012 Five Percent Plan for PM-10 for the Maricopa County Nonattainment Area includes PM-10 Certified Street Sweepers. The purpose of the PM-10 certified street sweeper program is to reduce particulate emissions reentrained by vehicles traveling on paved roads.

Member agencies are invited to attend a meeting that will include a review of the application form on November 5, 2013, from 2:00 to 3:00 p.m. at MAG Offices, Ironwood Room. The application form and materials (attached) and additional details about the meeting are also available at <http://www.azmag.gov/>. Signed project applications for PM-10 Certified Street Sweeper Projects for FY 2014 CMAQ funding are due to MAG by 10:00 a.m., on November 22, 2013. Late applications will not be accepted.

The FY 2014 Unified Planning Work Program and FY 2011-2015 MAG Transportation Improvement Program, identifies \$900,000 in CMAQ funding to purchase PM-10 Certified Street Sweepers. A minimum local cash match of 5.7 percent on the CMAQ eligible portion of the project is required.

Project requests should include PM-10 Certified Street Sweepers which meet South Coast Air Quality Management District Rule 1186 certification standards. The list of Rule 1186 Certified Street Sweepers, dated August 30, 2012, is provided. Please attach a detailed price summary from the vendor that itemizes the equipment features for the proposed sweeper project. Additional costs for equipment beyond the specifications necessary for compliance with Rule 1186-certification are not eligible for reimbursement. Examples of ineligible equipment are attached. A separate application should be completed for each PM-10 certified street sweeper requested.

MAG staff will estimate the emission reductions for each sweeper project in accordance with federal CMAQ guidance, and cost-effectiveness based on the amount of CMAQ funding requested. Methods contained in the MAG Methodologies for Evaluating Congestion Mitigation and Air Quality Improvement

Projects, September 30, 2011, will be used to calculate the emissions reduction and cost-effectiveness. The cost-effectiveness for each sweeper project will be used to rank order the eligible candidates for CMAQ funding.

In general, the methodology estimates air quality benefits from PM-10 certified street sweepers based on the reduction in reentrained dust emitted from vehicles traveling on the roadway. PM-10 certified street sweepers may be eligible for CMAQ funding if they replace a noncertified sweeper, replace an older certified street sweeper (at least eight years old), increase the frequency of sweeping, and/or expand the area swept in the PM-10 nonattainment area.

The MAG Street Committee will initially review the project applications for data completeness in December 2013. Any additional data requested at the first Street Committee meeting will be provided at a second Street Committee meeting tentatively scheduled for January 2014. The MAG Air Quality Technical Advisory Committee may make a recommendation to forward a ranking of the sweeper projects on January 23, 2014. The recommendation may be considered in February 2014 by the MAG Management Committee and MAG Regional Council. It is anticipated that the project ranking would be retained for any additional CMAQ funds that may become available to the region in FY 2014.

After Regional Council approval of funded projects, MAG will issue a formal notification to proceed with the purchase of the street sweeper in a letter to the project sponsor. If approved for a sweeper, MAG is requesting that the street sweeper be purchased and reimbursement be requested by the agency within one year plus ten calendar days from the date of the MAG letter. It is important to note that the member agencies comply with the ADOT Federal Property Management Standards (attached) for PM-10 certified street sweepers purchased with CMAQ funds. Also, the Federal Highway Administration has advised MAG that the procurement of CMAQ funded street sweepers should proceed after funding has been authorized by the MAG Regional Council.

If you have any questions, please contact me at (602) 254-6300.

Attachments

cc: Transportation Review Committee
Air Quality Technical Advisory Committee
MAG Intergovernmental Representatives
Street Committee
MAG Public Works Directors