

REQUEST FOR QUOTATION

May 2, 2006

SUBJECT: Analysis of DNPH Aldehyde Cartridges

QUOTES DUE BY: 5:00 PM, May 25, 2006

The San Joaquin Valley Unified Air Pollution Control District (District) is participating in the EPA Photochemical Assessment Monitoring Station (PAMS) monitoring program. Part of this program involves sampling for aldehydes using Dinitrophenylhydrazene (DNPH) loaded cartridges. The general specifications for this job are as follows:

1. There will be up to 400 samples taken, depending on the number of Episodes called by the California Air Resources Board, and the days upon which they occur. All samples will be taken during the months of July, August, and September 2006.
2. The contractor will supply new cartridges DNPH loaded on a silica gel substrate. The contractor will initially ship 100 cartridges to the District before June 16, 2006 and thereafter periodically ship appropriate quantities for re-supply.
3. The contractor will perform analysis according to EPA protocol TO-11. Required species: Formaldehyde, Acetone, Acetaldehyde, & Benzaldehyde. Additional species would be welcomed.
4. The contractor will ensure that upon receipt of the cartridges, they will be immediately placed in a refrigerated, isolated environment to prevent degradation of the samples. The contractor will also ensure the samples will be promptly analyzed for the same reason.
5. The contractor will provide the resulting data in an Electronic AIRS file format, only. The completed data file is to be submitted to the District by no later than December 15, 2006.
6. Contractor will participate in conference calls on the first weeks of August, September, and October 2006 to review prior months data.
7. The contractor will provide documentation indicating the methodology used for analysis and quality control / assurance. Copies of all related paperwork used to conduct data analysis such as chromatograms; instrument calibrations, etc. shall be supplied to the District as a hard copy.

8. The contractor will, at no additional cost, analyze any cartridge(s) sent to the contractor by CARB and/or the USEPA for audit purposes. Contractor shall provide copies of these audits to the District.
9. If the contractor prefers that the exposed samples be returned to them using a specific kind of container, or other such special handling procedure, then the contractor must supply these materials to the District as part of the contract. If the contractor desires that the District use a particular written form for tracking the exposed sample, the contractor will supply a sufficient quantity of these forms for use by District staff.
10. The contractor is responsible for all shipping costs of cartridges and other materials being sent to the District for this job. The District is responsible for shipping costs to return exposed cartridges to the contractor
11. The contractor is to have general liability insurance for at least one million dollars for bodily or personal injuries or for property damage as well as Workers Compensation insurance in accordance with the California Labor code.
12. Because there is an approximate flow differential of 5% between the "gold ring" and "silver ring" cartridges, the contractor shall provide the District **only** "silver ring" cartridges. The District will reject any cartridges not of that kind.
13. Only **new** Waters-brand cartridges are to be supplied by the contractor. The District will accept no used/reconditioned cartridges.
14. At least one cartridge in each lot is to be analyzed for purity by the contractor prior to shipment. A copy of the analysis is to be forwarded to the District either by including the report with the cartridges, or under separate cover.