

REQUEST FOR PROPOSALS

AIR MONITORING LAB PNEUMATIC SYSTEM DESIGN AND INSTALLATION SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT #P2026-5-19

The San Joaquin Valley Air Pollution Control District (District) requests proposals for the following purpose according to terms and conditions attached. In the preparation of this Request for Proposals (RFP) the words “Proposer,” “Contractor,” and “Respondent” are used interchangeably.

PURPOSE

The purpose of this RFP is to seek competitive bids for the design and implementation of a complete pneumatic system to support a new in-house laboratory used to calibrate and troubleshoot air monitoring equipment. The successful bidder will be required to enter into a formal agreement with the District for the purpose of completing the specified design, supplying all required materials, and performing the on-site installation and commissioning of the pneumatic system as described in this RFP.

BACKGROUND

The San Joaquin Valley Air Pollution Control District is a special district operating under the provisions of Sections 40150 through 40162 of the California Health and Safety Code. The District exists to develop and implement programs on a local level to meet the requirements of state and federal air pollution control laws.

The District operates an extensive network of ambient air monitoring stations across the San Joaquin Valley. To support the calibration, performance verification, and troubleshooting of analyzers and related equipment used throughout this network, the District is establishing a dedicated calibration and service laboratory at its Fresno facility. A properly designed pneumatic system — including zero air, calibration gas, and vacuum/exhaust handling capability as appropriate — is essential to the lab’s function.

This RFP solicits proposals from qualified contractors to design and install the pneumatic infrastructure for that lab, including all tubing, fittings, regulators, flow and pressure control components, mounting, labeling, and final leak-checked commissioning.

CONTACTS

Questions regarding the content or intent of this RFP or on procedural matters should be addressed to:

Nathan Trevino Supervising Air Quality Instrument Technician	Chay Thao Program Manager San Joaquin Valley APCD
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San Joaquin Valley APCD 1990 E. Gettysburg Avenue Fresno, CA 93726 559-230-6100 nathan.trevino@valleyair.org	1990 E. Gettysburg Avenue Fresno, CA 93726 559-230-6100 chay.thao@valleyair.org
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SCHEDULE OF EVENTS

- May 19, 2026** RFP Released
- June 2, 2026** Proposals Due – 5:00 PM (Pacific Standard Time)
- June 22, 2026** Selection Notification (estimated)

STATEMENT OF WORK

The District is requesting bids for the design and installation of a complete pneumatic system to serve a new air monitoring laboratory located in Fresno. The laboratory is a single room (18 ft x 25 ft) with six standard instrument racks and four mobile workstations. Information provided should be specific enough for evaluation and for inclusion into a binding contract. To ensure operational efficiency, commercial availability and consistency with the pneumatic conventions, fittings, and gas-handling practices already in use across the District’s air monitoring network is highly desirable.

Qualified contractors are encouraged to contact the District for a list of analyzers, calibrators, zero-air systems, gas cylinders, and other equipment that the lab will need to support, and to schedule a site visit to assist with proposal planning and final layout.

This project includes:

- Mechanical engineering and detailed design of the pneumatic system layout, including all pumps, tubing runs, drops, manifolds, and connection points to support calibration and troubleshooting of the District’s air monitoring equipment.
- Furnishing of all required materials, including but not limited to: tubing with appropriate material, Swagelok-style fittings, valves, manifolds, flow regulators, pressure regulators, and any required brackets, supports, and labeling.
- Pricing shall include a base configuration using analog/manual flow and pressure indication, plus a clearly itemized add/alternate option for digital flow and pressure meters capable of integrating with the District’s Agilaire Airvision data system.
- Specification of cleanliness, materials compatibility, and inertness suitable for trace-level air monitoring (e.g., ozone, NOx, SO2, CO, H2S, VOCs, and PM-support gases as applicable).
- On-site installation, including bench/wall mounting, routing, supports, identification/labeling of every line, and final pressure and leak testing to documented criteria.
- Commissioning, including a written leak-test record, line-by-line identification list, and a turn-key handoff in which all calibration gas, zero air, and vacuum/exhaust connections are functional and ready for the District’s analyzers to be connected and operated.

- All travel, lodging, per diem, and on-site contingency expenses for the contractor's installation crew during the on-site work window.
- Compliance with all applicable building, electrical (where pneumatic work interfaces with powered devices), and life-safety codes; coordination with District facility staff for any wall, ceiling, or bench penetrations.
- As-built drawings showing final tubing routes, fitting locations, regulators, valves, and labeled identifiers.
- Operations and maintenance documentation, including recommended spare parts list, recommended periodic leak-check intervals, and component datasheets.

The District may require specific insurance coverage be established and maintained during the course of the work and as a condition of award or continuation of contract.

CALIFORNIA PUBLIC WORKS COMPLIANCE

This project is a "public work" within the meaning of California Labor Code and is subject to California prevailing wage law and related requirements administered by the Department of Industrial Relations (DIR). By submitting a proposal, the Proposer agrees to comply with all applicable public works requirements, including active registration as a public works contractor with the DIR for the Contractor and all listed subcontractors. Registration must be maintained throughout the work.

Proposers shall include their current DIR registration number, and the DIR registration number of each listed subcontractor, in their proposal. Proposed pricing shall reflect full compliance with applicable public works requirements.

REQUIRED QUALIFICATIONS

Contractor must be qualified, willing, and able with a proven track record to perform the work identified in this RFP. More specifically, contractors must be able to provide evidence of the following experience and qualifications:

- Demonstrated experience designing and installing pneumatic / gas-handling systems for analytical laboratories, calibration facilities, or ambient air monitoring infrastructure.
- Working knowledge of stainless steel tubing fabrication and Swagelok-style compression fitting installation, including proper bending, deburring, gauging, and leak-testing practices.
- Familiarity with air monitoring instrumentation (e.g., gas analyzers, dynamic dilution calibrators, zero-air generators, mass flow controllers) and an understanding of how pneumatic system design choices affect calibration accuracy and troubleshooting workflows.
- Ability to specify, procure, and (if proposed) integrate digital flow and pressure instrumentation with a customer data acquisition system.
- Experience providing on-site installation crews with self-sufficient travel logistics and a track record of completing installations on the originally scheduled timeline.
- Experience working on projects for local, state, or federal air quality monitoring agencies is preferred but not required.

The contractor will need to comply with all federal and state laws, statutes, regulations, rules, and guidelines that apply to this proposal and obtain any and all permits required to its performance, including California driving eligibility, financial liability, prevailing wage and/or public works laws.

PROPOSAL SUBMITTAL REQUIREMENTS

Submitted proposals must follow the format outlined below and all requested information must be supplied. Failure to submit proposals in the required format will result in elimination from proposal evaluation.

A separate cover letter including the name, address, telephone number, and e-mail address of the contractor, and signed by the person or persons authorized to represent the firm, should accompany the proposal submission. Firm contact information as follows should also be included in the cover letter:

- Address and telephone number of office in, or nearest to, Fresno, California.
- Name and title of firm's representative designated as contact.

Proposals must include the following information:

- **Summary** – Overall approach to designing and installing the pneumatic system, including the sequence of activities from design through commissioning.
- **Proposed Design** – A preliminary description of the proposed pneumatic system, including expected materials (SS vs. non-SS tubing), Swagelok-style fittings, flow and pressure control approach, manifold strategy, and labeling/identification scheme. Identify any assumptions that depend on the District's final equipment list or lab layout.
- **Material List** – An itemized preliminary bill of materials for the base configuration, plus a separate itemized list for the digital flow / pressure meters, including expected makes/models where known.
- **Program Schedule** – Projected milestones for design completion, material lead time, mobilization, on-site installation, leak testing, commissioning, and as-built delivery. Indicate the earliest realistic on-site start date and total on-site duration.
- **Qualifications** – Describe the technical capabilities of the firm. Provide references from most recent similar projects. Include contact name, title, and telephone number for each reference. Provide a statement of the firm's background and experience performing similar projects for governmental, regulatory, or research organizations.
- **Subcontractors** – List any subcontractors that may be used and the work to be performed by them.
- **Cost** – Provide a detailed cost breakdown including: (a) design / engineering labor, (b) materials for the base configuration, (c) itemized cost for the digital flow and pressure meters, (d) on-site installation labor (with crew size and number of days), (e) travel, lodging, and per diem, (f) shipping/freight, and (g) any allowance for on-site contingency materials. Identify the total not-to-exceed price.
- **Warranty** – Provide details of warranties offered for materials, fittings, regulators, instrumentation, and installation labor.

- **Additional Data** – Provide other essential data that may assist in the evaluation of this proposal, including any optional services such as future on-site service visits, analyzer servicing, or training of District staff on pneumatic system maintenance.

A contractor who submits a proposal in response to this RFP is encouraged to demonstrate support for the District’s Green Procurement and Sustainable Practices Policy through the following:

- Provide verification of environmentally friendly business practices through green certification programs or equivalent means.
- Participate in eco-friendly programs such as HAL Partners. More information can be found here: <http://healthyairliving.com/>.

PROPOSAL SUBMISSION

All proposals must be submitted according to specifications set forth in the sections above. Failure to adhere to these specifications may be cause for rejection of proposal.

All proposals are due no later than 5:00 PM (Pacific Standard Time), June 2, 2026, and must be signed by an authorized representative and e-mailed to nathan.trevino@valleyair.org and chay.thao@valleyair.org.

The email subject line should be “RFP: Air Monitoring Lab – Pneumatic System.”

Late bids/proposals will not be accepted under any circumstances.

Grounds for Rejection – A proposal may be immediately rejected if:

- It is not prepared in the format described, or
- It is signed by an individual not authorized to represent the firm.

Modification or Withdrawal – Once submitted, proposals cannot be altered without the prior written consent of the District. All proposals shall constitute firm offers and may not be withdrawn for a period of ninety (90) days following the last day to accept proposals.

PROPOSAL EVALUATION / CONTRACTOR SELECTION CRITERIA

Submitted proposals will be evaluated and scored across a number of criteria in order to determine which contractor would be best suited for the project. As reference for the contractors on how the proposals will be considered, the following guide provides more detail on how the various elements of the proposals will be scored during the evaluation process.

Table 1. Proposal Evaluation Scoring Guide

<i>Proposal Element</i>	<i>Maximum Score</i>
Proposed Design and Material List: technical soundness of the pneumatic system design, suitability of materials, completeness of the bill of materials, quality of fittings and components, and overall cost-effectiveness considering both initial cost and long-term maintainability.	50

<i>Proposal Element</i>	<i>Maximum Score</i>
Previous Experience: relevance and success of past projects similar in nature, particularly pneumatic systems for analytical or air monitoring laboratories.	40
Project Plan: coherence, feasibility, and completeness of the plan, including timeline, mobilization, on-site duration, and commissioning approach.	5
Reference Feedback: quality of feedback from previous clients, including reliability, professionalism, and adherence to deadlines.	5
<i>Total Maximum Possible Score</i>	<i>100</i>

PROPOSAL REVIEW PROCESS

- Proposals will be evaluated by District staff members familiar with the subject matter of the project. The panel will make a recommendation to the Executive Officer and/or the District Governing Board for final selection of a contractor and presentation of a contract.
- During the selection process the District may wish to interview some proposers for clarification purposes only. No new material will be permitted at this time. Additional information provided during the bid review process is limited to clarification by the Proposer of information presented in his/her proposal, upon request by the District.
- The Executive Officer or Governing Board may award the contract to a Proposer other than the Proposer receiving the highest rating in the event the Governing Board determines that another Proposer from among those technically qualified would provide the best value to the District considering cost and technical factors. The determination shall be based solely on the Evaluation Criteria contained in the RFP, on evidence provided in the proposal and on any other evidence provided during the bid review process.
- The selection will be made by and is subject to Executive Officer or Governing Board approval. Proposers may be notified of the results by letter or email.
- Disposition of Proposals – Pursuant to the District’s Procurement Policy and Procedure, the District reserves the right to reject any or all proposals. All proposals become the property of the District, and are subject to the California Public Records Act. One copy of the proposal shall be retained for District files. Additional copies and materials will be returned only if requested and at the proposer’s expense.