

# SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

## REQUEST FOR QUOTATION

The San Joaquin Valley Unified Air Pollution Control District (District) is seeking a qualified Contractor to establish a new air monitoring station at a proposed District site near the northwest corner of the Bakersfield Municipal Airport in Bakersfield, California at:

**Bakersfield Municipal Airport  
2000 S. Union Avenue  
Bakersfield, CA 93307**

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Submittal: Five (5) hard copies and one (1) electronic copy of the proposal must be received at the address below on or before:

Thursday May 17, 2010 – 5:00 PM

**PROPOSALS RECEIVED AFTER THE TIME AND DATE  
STATED ABOVE WILL NOT BE ACCEPTED.**

Address to: Michael Carrera, Compliance Manager  
San Joaquin Valley Unified Air Pollution Control District  
1990 East Gettysburg Avenue  
Fresno, CA 93726

Mark Envelope: "Quote – Air monitoring station: Bakersfield Municipal Airport"

Issuance Date: May 4, 2010

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Request for Quotation**

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## **1.0 OVERVIEW**

The San Joaquin Valley Unified Air Pollution Control District (District) jurisdiction includes the counties of San Joaquin, Stanislaus, Merced, Madera, Fresno, Tulare, Kings, and the western and central portions of Kern. The State, District, Federal Government, and Tribes are responsible for operating air monitoring networks within its jurisdiction. These air monitoring networks collect ambient air quality and meteorological data. The principal reasons for the collection of ambient air pollutant and meteorological data are to show compliance with the National Ambient Air Quality Standard (NAAQS), and the need for a more comprehensive air quality database. Air monitoring stations in the District are operated and maintained by the District, the California Air Resources Board (ARB), Tribal agencies, the National Park Service, and the United States Forest Service.

The District will be relocating an air monitoring site in Kern County in order to continue to comply with United States Environmental Protection Agency (EPA) monitoring criteria. The District is seeking a qualified Contractor to re-establish an air monitoring station in Bakersfield, CA. This station will provide important air quality information to represent the city of Bakersfield and vicinity. This project is scheduled for completion by September 30, 2010.

## **2.0 BACKGROUND**

This Request for Quotation (RFQ) solicits a quote to relocate an air monitoring shelter without instruments. The shelter and meteorological tower are stored at the parking lot of the SJVAPCD regional office, located at 34946 Flyover Court in Bakersfield, CA 93308. When established, this station will monitor ambient air pollutants and collect meteorological data on property owned by the City of Bakersfield. The proposed location is at the Bakersfield Municipal Airport (see Section 16.0 for map). The entrance to the proposed location is at 2000 Union Avenue. The exact location of the station will be identified by the District with the approval of the City of Bakersfield prior to the commencement of construction. Successful respondents to this RFQ will have demonstrated proficiency in such work. Specifications are provided in Section 11 of this RFQ.

The District will provide information on the proposed location of the station; however, the District reserves the right to relocate the station at any time prior to construction commencement. If the District changes the station location, the Contractor will have the opportunity to modify the proposal amount. If the proposal amount is modified, the District will evaluate the new proposal amount and reserves the right to select a different Contractor if the revised proposal amount is not agreeable to the District.

The District will be available to meet and discuss project requirements and development at key times in the process.

### **3.0 SCOPE OF WORK**

The selected Contractor will be expected to use professional staff to complete the tasks. All staff must have all licenses and certification available for the tasks they perform, worker compensation insurance covering them at all times that they are on site, and adhere to all applicable local, state, and federal regulations. The Contractor must demonstrate that he/she has the appropriate staff and/or Subcontractors as part of his/her team to accomplish the objective of the applicable components of this RFQ and to comply with all legal requirements. The Contractor's team must include a Contractor licensed by the State of California to transport and install the equipment shelter, electrical, and meteorological tower as described in Section 11. The District recommends that a local Contractor be employed as a Subcontractor to obtain required permits and to perform all construction and installation work. The Contractor should include the Contractor's license number in the proposal. The Contractor must demonstrate that it has the certifications, licenses, training, and experience appropriate for the project.

The relocation of the shelter must meet all federal and state OSHA safety requirements. All components described in Section 11 must be included. The design and installation of all safety equipment installed at the site must be approved by the District Safety Officer or other person designated by the District APCO/Executive Officer.

### **4.0 WORK PRODUCTS/DELIVERABLES**

4.1 Initial meeting/conference call: At the start of the contract period, the Contractor's project manager and key personnel will meet with District staff via telephone or in person to discuss the overall plan, details of performing the tasks, the project schedule, items related to personnel or a change in personnel, and any issues that shall be resolved before work can begin.

4.2 Periodic conference call and progress reports: At regular intervals defined by the District (approximately once every two (2) weeks), the project manager, and key personnel will meet with District staff via telephone to discuss the overall plan and details of task progress. Prior to the conference call (preferably at least one work day before), Contractor will email the District a brief progress report that includes:

- Brief summary of last meeting, including list of attendees;
- Current status of work progress;
- Action items and significant upcoming tasks;
- Action items in progress; and
- Action items completed.

The Contractor must be willing to receive guidance and direction from the District and adjust procedures and methods.

- 4.3 Obtain All Necessary Permits/Approvals: The Contractor will obtain all necessary permits or approvals as specified by law, including building permits from city and county and permits from the FCC, FAA, and other agencies as required. The cost of acquiring all necessary permits including but not limited to permitting fees should be included in the proposal.
- 4.4 Shelter Relocation: The Contractor will pickup and transport the air monitoring shelter and ten (10) meter meteorological tower from the District's Bakersfield office located at 334946 Flyover Court, Bakersfield, CA. The installation of the shelter and meteorological tower at the proposed site shall be completed in a manner that ensures that they meet all applicable local, state, and federal regulations, requirements, and standards. The Contractor shall guarantee all work for a period of no less than 12-months after completion of work and acceptance of work by the District.
- 4.5 Arrange For Utility Connection: The Contractor will coordinate with utility companies to bring power and phone service to the site/station.

The selected respondent will coordinate with utility companies to bring electrical power and telephone service to the site. The Contractor will coordinate phone installation with the District's Information Technology Services (ITS) department. The communication line infrastructure requires in-ground one-inch (1") conduit from the 1.1 Terminal Entrance to a NEMA/EEMAC Type 4X demarcation point mounted on the exterior of the air monitoring station structure, and including a 66-block punchdown terminal. The conduit must also have a pull line of sufficient strength to enable future cable pulls. The communication line must be direct burial grade wire, have lightning protection on all lines, contain at least four (4) separate wiring pairs, and be terminated on the 66-block with industry-standard and appropriate labeling.

The proposal shall include the cost for the coordination of utility connection, installation of an electrical meter, and all wiring and infrastructure required for utility connection including transformers if required.

All installation work shall be performed according to published industry guidelines, rules, and regulations. If disputes occur, local, state, and national codes have precedence; then, owner policies and procedures; then standards such as TIA/EIA; then guidelines from firms such as

Building Industry Consulting Services International (BICSI); then finally, manufacturer recommendations.

- 4.6 Invoices and Progress Reports: The Contractor will submit an invoice in accordance with the requirements of a legally binding contract. The invoice must list the contract number and shall itemize all expenses incurred during the payment period completed. Each item in the invoice will correspond to one of the tasks. Direct labor charges and Subcontractor and Contractor charges shall be subdivided into the number of hours spent by each staff classification (e.g., project manager, instrumentation technician) for the invoice period.

The Contractor will be paid for the payment period within thirty (30) days of when the invoice and a progress report are deemed by the District to reflect and demonstrate work done in accordance with the contract.

## 5.0 PROJECT TIMELINE AND SCHEDULE OF DELIVERABLES

The District may amend the following tentative timeline for completion of work products. The Contractor may propose an alternative deliverable and payment schedule. If the Contractor would like an alternative deliverable and/or payment schedule, the revised alternative schedule shall be included in the proposal submitted. Payments must correspond with deliverables.

**TABLE 1: Proposed Project Schedule of Deliverables and Payments**

Action/Work Product	Approximate Date
Release of RFQ	May 4, 2010
RFQ Response Deadline	May 17, 2010
Contractor Selection	May 24, 2010
Contract To Governing Board	June 17, 2010
Contract Effective	June 17, 2010
Shelter Construction Complete	September 30, 2010

## 6.0 REQUIRED QUALIFICATIONS

In order to be considered by the District, the Contractor must have a valid California business license; have worker’s compensation coverage for all employees that would work on this project and not presently be debarred, suspended, proposed for debarment, declared ineligible, voluntarily excluded from participation or otherwise excluded from or ineligible for participation under federal assistance programs.

Through references or other methods, the Contractor must demonstrate in the proposal that the Contractor has excellent working relationships with government agencies. In addition, the Contractor must demonstrate that the Contractor has extensive experience and expertise in the following areas:

- 6.1 Construction and building practices; and
- 6.2 Obtaining necessary permits from government agencies including, but not limited to, the city, county, FAA, FCC; and

The Contractor must demonstrate in the proposal that the Contractor has the ability and resources to produce the deliverables requested in this RFQ. The District reserves the right to reject any proposal deemed non-responsive, not responsible, and/or not reasonable.

## **7.0 RESPONSE SUBMITTAL REQUIREMENTS**

### **7.1 Contents of Proposal:**

Submitted proposals must follow the format outlined below and all requested information must be supplied. Failure to submit all requested information may result in the quotation being deemed unresponsive and disqualified from consideration. The submitted proposals shall be limited to 24-pages, single sided or 12-pages, double sided, with 1"-margins. Proposals shall be printed on white paper with black Arial font no smaller than 12-point. The page limit applies to the body of the proposal only and does not include resumes or appendices. Failure to submit quotations in the required format may result in elimination from evaluation.

7.1.1 Cover Letter: Must include the name, address, and telephone number of the company, total project cost, the name of the contact person for the quote, and be signed by the person or persons authorized to represent the company. Submission of the quote will be considered to be a binding commitment (firm offer) by the Contractor to provide the proposed services by the identified personnel at the specified cost.

7.1.2 Table of Contents: Clearly identify material contained in the proposal by section and page number.

7.1.3 Summary (Section 1): State the overall approach to the project and specific objective(s). Demonstrate a clear understanding of the project goal. Include total project cost and a list of general tasks to be performed to complete the project. Provide specific examples of steps to be taken to complete the project.



- 7.1.4 Work Program (Section 2): Describe work activities or tasks to be performed including the sequence of activities and a description of methodology or techniques to be used.
- 7.1.5 Program Schedule (Section 3): Provide projected milestones or benchmarks for all tasks and reports within the total time allowed. This must demonstrate that the project will be completed as established in Project Timeline table section 5.0.
- 7.1.6 Project Organization (Section 4): Describe the proposed management structure, project monitoring procedures, organization of the contracting group, and facilities available.
- 7.1.7 Assigned Personnel (Section 5): Identify the principals having primary responsibility for implementing the project. Discuss their professional and academic backgrounds, including all certifications and licenses held. Provide a summary of similar work they have previously performed. List the amount of time, on a continuous basis, that each principal will spend on this project. Describe the responsibilities and capacity of the technical personnel involved. Substitution of the project manager and/or lead personnel will not be permitted without prior written approval of the District.
- 7.1.8 District Resources (Section 6): Describe any District services and staff resources needed to supplement Contractor activities to achieve identified objective(s).
- 7.1.9 Subcontractors (Section 7): If Subcontractors are to be used, identify each of them in the proposal. The Subcontractor's name and address must be included in the quotation response. Describe the work to be performed by them and the number of hours or the percentage of time they will devote to the project. Provide a list of their assigned staff, qualifications, relationship to project management, schedule, costs, and hourly rates. Note that the Subcontractors must have all items listed in section 10.0 of the RFQ except for the performance bond and the payment bond.
- 7.1.10 Contractor Capability and References (Section 8): Provide a summary of the company's relevant background experience. Discuss the applicability of background experience to this RFQ. Include examples of related projects completed for other parties that are of a similar nature to the work requested herein with references. Please include telephone numbers and e-mail addresses of references.

7.1.11 Costs of Proposal (Section 9): Identify all costs associated with the execution of this RFQ. Agreements established from the proposal are considered to be fixed price, including sales tax (currently 8.975%) and other miscellaneous expenses. The cost of each component that the Contractor is responding to must be specified along with any reduction in price if the District chooses not to have the Contractor complete the component. If the proposal includes multiple alternatives for the completion of a task the cost of each alternative should be listed separately (e.g. manual crank winch \$10,000 or electrical crank winch \$20,000).

7.1.12 Conflict of Interest (Section 10): Identify any actual or potential conflicts of interest resulting from any contractual work performed, or to be performed, for other clients, as well as any such work done, or to be done, by proposed Subcontractors. Specifically, Contractors must disclose any recent or current contracts with the District, business entities regulated by the District, and/or any environmental or business interest group. In addition, Contractors must disclose any contracts with the District, public or private entities, which are scheduled to be performed in the future, or which are currently under negotiation. The District will consider the nature and extent of such work in evaluating the proposal (see Section 9.0).

7.1.13 Additional Information to Demonstrate Previous Experience (Section 11): Attach a description of any work performed similar to what is requested in this RFQ. These attachments will not be considered part of the 24-page limitation set for the proposal. Provide other essential data that may assist in the evaluation of this proposal.

7.2 Proposal Submission:

All proposals must be submitted according to the specifications set forth in Section 7.1 - "Contents of Proposal" and this section. Failure to adhere to these specifications may be cause for rejection of proposal.

7.2.1 Signature: All proposals shall be signed by an authorized representative of the Contractor.

7.2.2 Due Date: The Contractor shall submit an electronic copy of the proposal in Microsoft Word (Microsoft Office 2003 Professional or older versions of Microsoft Office). The electronic copy shall be emailed to: michael.carrera@valleyair.org. The Contractor shall also submit five (5) complete hard copies of the proposal in a sealed envelope plainly marked in the upper left-hand corner with the name and address of the proponent and the words:

“Quote - Air monitoring station: Bakersfield Municipal Airport”

**Proposals must be received at the address below, no later than 5:00 p.m. on Thursday, May 17, 2010**, and shall be directed to:

Michael Carrera, Compliance Manager  
San Joaquin Valley Unified Air Pollution Control District  
1990 E. Gettysburg Avenue  
Fresno, CA 93726-0244

Late proposals will not be accepted. Any correction or resubmission by the proponent will not extend the submittal due date.

7.2.3 Addenda: The District may modify the RFQ and/or issue supplementary information or guidelines relating to the RFQ at any time. If the District modifies the RFQ the modification will be posted on the District website. Contractors whose quotation is received prior to the RFQ modification will be notified that a modification has been made and will be allowed to submit a new quote. However, if a new quote is submitted the new quote must be received prior to the deadline. The new quote will be evaluated in lieu of the prior quote. The District will not review multiple quotes from a single Contractor

7.2.4 Grounds For Rejection: A proposal may be immediately rejected if it is:

- Received at any time after the exact due date and time set for receipt of quotes;
- Not prepared in the format prescribed; or
- Not signed by an individual authorized to represent the company.

The District reserves the right to reject all proposals and make no awards.

7.2.5 Disposition of Proposals: All proposals become the property of the District. Unless the Contractor specifically requests otherwise and the District approves such a request, all-proposals are considered public information.

7.2.6 Modification or Withdrawal: Once submitted, quotes, including the composition of the contracting team, cannot be altered without prior written consent of the District. All quotes shall constitute firm offers

and may not be withdrawn for a period of ninety (90) days following the last day to accept quotes.

## **8.0 ESTIMATION OF COSTS**

Costs must be itemized by the following categories:

- 8.1 Task: List a total cost per task for each task. The District reserves the right to remove tasks if it is deemed necessary to remain within the budget, provides cost savings to the District, or is determined to be in the District's best interest;
- 8.2 Labor: List an hourly labor rate for each assigned principal and technical specialist. The rate quoted must include labor, general, administrative, and overhead costs. The labor / prevailing wage rate must adhere to all federal, state, and local requirements for projects funded with state or federal funds;
- 8.3 Supplies and Equipment: Provide an itemized list of supplies to be purchased or leased specifically for the program. The cost of each item shall be listed separately. The District will not pay for any equipment unless adequately justified. Any equipment paid for by the District will become the property of the District and shall be delivered to the District prior to the final payment being issued by the District or within thirty (30) days of when it is no longer needed by the Contractor for the project, whichever is first;
- 8.4 Subcontractor Costs: Identify Subcontractors by name, list their cost per hour or per day, and the number of hours or days their services will be used; and
- 8.5 Travel Costs: Identify estimated travel costs, including the number of trips required, destinations, and approximate costs of travel. Travel costs are reimbursed at prevailing rates for the contracting company or District rates, whichever is lower, unless negotiated otherwise.
- 8.6 Miscellaneous Costs: If there are any miscellaneous costs these shall be specifically identified with the cost of each listed.

Total cost must be clearly indicated in the Estimation of Costs section of the RFQ response. It is expected that general overhead and administrative costs are included in the hourly rate for labor. It will be assumed that all contingencies and/or anticipated escalations are included. No additional funds will be paid above and beyond the original quote given by the Contractor unless the site location is modified or District requests things beyond the scope of the original RFQ and a new quote is submitted to and the new quote is accepted by the

District, and the District and the Contractor both sign a change order or contract amendment accepting the new quote. There is no guarantee that the District will approve any new quotes.

## **9.0 QUOTATION EVALUATION AND CONTRACTOR SELECTION**

For clarification purposes, during the selection process, District staff may interview Contractors with scores above a natural break. This may include interviews to confirm statements made within the quote and clarify sections of and equipment specified in the quote. Contractors shall not provide new material at this time.

A contract will be awarded to the Contractor that in the sole discretion of the District is deemed to best and most cost-effectively meet the needs of the District. The District may choose not to award this contract if it is deemed that such action is in the best interest of the District. Failure to adhere to specifications in this RFQ may be cause for rejection of the response.

The contract is subject to approval by the District Air Pollution Control Officer (APCO)/Executive Director and the Governing Board. All proponents will be notified of the results by letter after the Governing Board has approved a contract.

## **10.0 LICENSE/INSURANCE/BOND**

The Contractor and all Subcontractors used for the project shall have valid business licenses, valid certifications and licenses for the tasks they are performing (e.g. Contractor's license, electrician's license), and provide insurance coverage in amount acceptable to the District. Copies of all licenses, certifications, and certificates of insurance for the Contractor and all Subcontractors to be used on the project must be submitted prior to commencing any work on the project. The insurance shall be from an insurer acceptable to the District.

Before commencing any work on the project, Contractor shall furnish a faithful performance bond and a payment bond with good and sufficient sureties acceptable to the District in the sum of fifty thousand dollars (\$50,000) each.

10.1 Without limiting the District's right to obtain indemnification from the Contractor, all Subcontractors, or any third parties, the Contractor and all Subcontractors, at their sole expense, shall maintain in full force and effect throughout the term of the Agreement the following insurance policy(s):

10.1.1 Liability insurance for bodily injury, including automobile liability, with limits of coverage of not less than Five Hundred Thousand Dollars;

- 10.1.2 (\$500,000) per person and one million dollars (\$1,000,000) per occurrence;
  - 10.1.3 Liability insurance for property damage with limits of coverage not less than fifty thousand dollars (\$50,000) per occurrence;
  - 10.1.4 Workers compensation insurance in accordance with the California Labor Code; and
  - 10.1.5 Commercial general liability insurance with minimum limits of coverage of not less than one million dollars (\$1,000,000) per occurrence.
- 10.2 The foregoing insurance policy(s) shall not be canceled, reduced, or changed without a minimum of thirty (30) calendar day advance, written notice given to District and written approval by the District to do so.

Each bond and insurance policy shall be listed as an item in the budget with an associated cost. If the bond or insurance policy cost is included in general overhead or will not be billed to the District, please note that in the line item and put “N/A” for the cost.

## **11.0 PROJECT REQUIREMENTS AND SPECIFICATIONS**

The specifications and project design provided in this section shall be used by the Contractor. Project requirements and specifications are as follows:

### **11.1 Management:**

The project manager will meet with District staff for an initial kick-off meeting and site visit within Fifteen (15) days of signing of the agreement between the Contractor and the District. Contractor is required to report on the project’s progress in short, 15 minute or less, bi-weekly conference calls to the designated District contact.

### **11.2 Permits & Building Code:**

The Contractor and/or Subcontractors will obtain the appropriate building permits and any other permits from the city, county, and any other government agency required for construction, installation, or operation of the equipment shelter, pad, electrical service, or meteorological tower. All equipment and structures installed as part of this project must meet the following: Wind Load Design Factor of 75-mph, Seismic Zone 4 (<http://www.seismic.ca.gov/>), and Exposure C building specifications (<http://www.bsc.ca.gov/>). To the extent required by law and pursuant to Chapter 1 of Part 7 of Division 2 of the Labor Code (commencing with Section 1720), Contractor agrees to comply with all prevailing wage

requirements relating to the construction of the site improvements to be provided by Contractor, either by itself or through any Subcontractor. In addition, before commencing any work on the project, Contractor shall furnish a faithful performance bond and a payment bond with good and sufficient sureties acceptable to the District in the sum of fifty thousand dollars (\$50,000) each.

11.3 Shelter:

Please note that a portion of the scoring of proposal is to what degree the proposal meets the needs and preferences of the District.

11.3.1 Ladder Specifications:

The ladder will be permanently mounted outside the shelter; the ladder shall have a steel cover to prevent unauthorized access to the roof.

The ladder shall include handrails that enable easy and safe climbing onto the roof; in addition, and shall meet all state and federal OSHA requirements that include a 400 pound or greater weight rating. The design must be approved by the District Safety Officer or other person designated by the Executive Officer/APCO.

The ladder shall be located at one end of the building, its final location will be determined in conference with District contact.

11.3.2 General Electrical Specifications:

A 200-amp/220-volt electrical power panel with a 200-amp/220-volt calibrated meter is to be installed and wired by the Contractor. This power meter will be pole mounted and must meet all applicable state and federal electrical codes.

The conduit where the primary power enters the shelter shall be located under the shelter, beneath the panel. Shelter must be grounded, separately from the other ground connections.

All wiring is to be 12-gauge or better, solid copper, all connections of the wire to the receptacles are to use only the screw terminals on the sides.

Two twist-lock Nema L5-30 receptacles rated at 30 Amps each shall mounted on the ceiling in the middle of the facility; on a separate 30-amp circuit.

The contractor shall install a 220-volt/50-amp receptacle on the exterior of the building. The desired receptacle shall be a Leviton 279 or similar model, see illustration at the end of this RFQ.

In addition, there shall be one 20-amp circuit for a GFCI protected outside.

All power receptacles are to be commercial/industrial grade units. Standard, gray weatherproof metallic receptacle covers shall be used on all outlets

#### 11.3.3 General Installation Specifications:

The shelter shall be securely anchored via rustproof metal straps meeting a Wind Load Design Factor of 75-mph, Seismic Zone 4, and Exposure C building specifications so that no movement can occur vertically or horizontally.

The shelter shall be installed such that one side is at an elevation of one-inch (1") higher than the other side of the shelter to facilitate drainage.

Installation of the structure is to include appropriate support that will allow raising it up to 36 inches. This 36-inch raised framing area will be completely skirted with similar shelter siding material and paint. Skirting must be finished so that there is no gap under the structure that will allow rodents or trash to enter.

#### 11.4 Fencing:

If required, the Contractor shall install a permanent fence around the monitoring station. All components of the fencing and gates (fabric, poles, top rails, gates, etc.) shall be commercial grade and constructed to match current materials used by or as specified by the City of Bakersfield. The fence fabric is to be six (6) foot high chain-link, of heavy gauge wire (minimum 11-gauge) with heavy zinc coating. The fence poles are to be galvanized with galvanized top caps. The fence poles are to be anchored at least two and half (2 ½) feet into the ground and spaced no more than eight (8) feet apart. The fence perimeter is a minimum 36-foot by 24-foot. The fence shall have a 3-foot wide gate at the north side of the fence. The fence shall also have a 12-foot wide opening, double gate at the west side. The location of the gates may be modified by the District prior to commencement of construction.

#### 11.5 Utilities:

The Contractor is responsible for all aspects of the installation of power (nearest electrical source that the District is aware of is located approximately 450-feet away) and telephone service; shall contact the responsible companies, agencies for such services and the City of Bakersfield; and shall arrange for physical installation (including, but not limited to, trenching, permits, service pole(s), additional transformer(s),



breaker boxes, conduit work, cabling installation and termination, etc.), and connection of such services. The contractor will work with the District's ITS department to coordinate phone service logical installation and turn-up (including, but not limited to, line definition and characteristics, account and billing information, transfer of ownership, etc.).

All communications cabling must be installed, tested, and certified to the carrier's specifications. This includes, but not limited to, conduit types and sizing, cabling type and pair count, and testing procedures and test equipment. Testing results and reports must be submitted to the District with final project documentation.

11.6 Tower:

The Contractor is responsible for the complete transportation to the site and installation of the meteorological tower. The meteorological tower is an MA-40 tubular crank up type that when fully extended will reach 33-feet in height. The tower must meet all applicable guidelines for wind load, exposure, and seismic zone without the use of guy wires.

A grounded lightning rod must be mounted atop the tower, above the instrumentation. The tower shall be independently grounded in accordance with all applicable electrical, local, and state regulations and guidance.

The tower installation will allow it to remain stable and plumb at the top when the tower is fully extended, and this must be accomplished without the use of guy wires.

The tower must be attached to the shelter for added support. Care shall be taken to insure that the structure is properly reinforced at the points of attachment, using steel plates or other suitable support material. The tower is to be installed and inspected in accordance with the requirements of Kern County, the City of Bakersfield, the FCC, the FAA, and all other applicable codes.

The Contractor is responsible for obtaining a wet stamp engineered drawing of the tower from manufacturer ensuring the tower and tower footing/foundation construction meets or exceeds the 1997 UBC Code as amended by the 2001 California Building Code for one square foot wind load design factor of 75-mph, Seismic Zone 4, and Exposure C building specifications.

11.7 Warranty:

Shelter installation shall be warranted against defects by the Contractor for a period of one year; after all repairs requested by the District have been completed; and after the District determines that the shelter has

been installed to specification. Copies of all warranties including, but not limited to manufacturer and Contractor warranties, must be provided to the District.

**11.8 Bond:**

The cost of the fifty thousand dollars (\$50,000) each performance and payment bonds shall be listed as separate line items in your proposal. If your firm must acquire professional liability insurance specifically for this project and it will result in an additional cost, Contractor may also show that as a separate line item cost.

**12.0 NON-DEBARMENT CERTIFICATION**

The contract for this project will include the following language addressing non-debarment certification:

“Contractor certifies by signing the signature page of this original document and any amendment signature page(s) that the Contractor is not presently debarred, suspended, proposed for debarment, declared ineligible, voluntarily excluded from participation, or otherwise excluded from or ineligible for participation under federal assistance programs. The Contractor must complete and return the certification regarding debarment, attached as Exhibit X, before the contract can be finalized. Contractor must ensure that all Subcontractors employed for conduct of this project certify to Contractor compliance with this provision of law.”

**13.0 INQUIRIES**

Technical and administrative questions concerning this RFQ shall be directed to Michael Carrera, Compliance Manager, San Joaquin Valley Unified Air Pollution Control District at (559) 230-5976.

**14.0 CONFIDENTIAL INFORMATION**

All quotations received by the District are public records and will be available for review by the public after the selection process is completed. Responses containing information that the Contractor deems/requires to be kept confidential will be rejected as non-responsive.

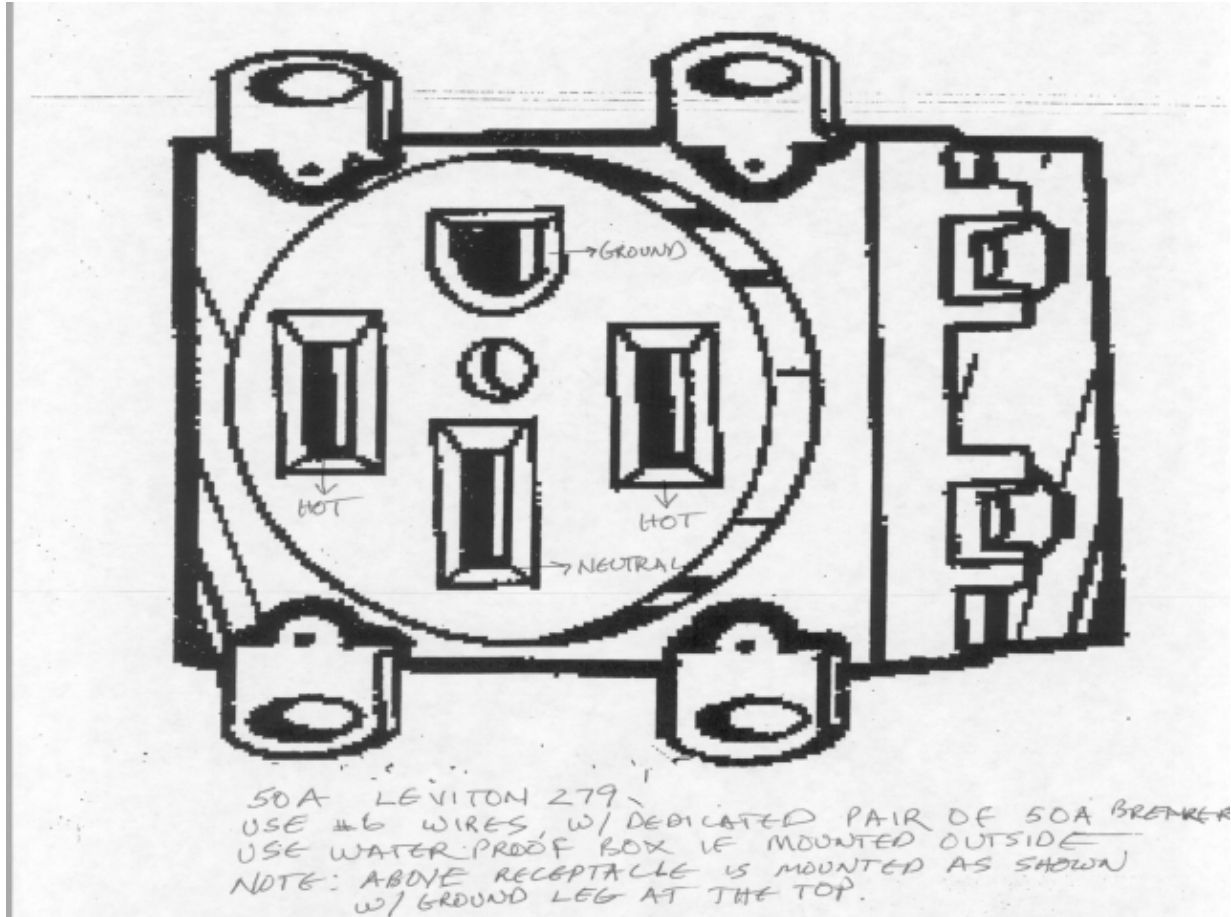
## 15.0 IMAGES OF MONITORING SHELTER AND SUPPORT EQUIPMENT

Images of Monitoring Shelter and Support Equipment

**Crank up meteorological tower – tower cranks down to allow technician easy access to instrumentation from the roof platform**



**220 V Receptacle Used By ARB to Connect with Station (Leviton 279)**



## 16.0 MAP OF PROPOSED STATION SITE

