

SAN BERNARDINO INTERNATIONAL AIRPORT AUTHORITY

INVITATION FOR BIDS FOR INSTALLATION OF OSCILLATING MONITOR NOZZLES

The San Bernardino International Airport Authority (SBIAA) is currently accepting bids from Contractors to furnish and install 6 each Oscillating Monitor Nozzles in Hangar 763, Bays #3 and #4. Federal funding will not be used on this project.

All prospective bidders must fill out a bid sheet and return bids to the Airport Administration Office, Attention Clerk of the Board, 294 S. Leland Norton Way, Suite 1, San Bernardino, California, 92408, until **2:00 p.m. on Tuesday, September 2, 2008** at which time said bids will be publicly opened and read.

Bids must include:

1. All labor, tools, equipment, and materials required to perform the work.
2. The SBIAA reserves the right to coordinate, inspect and approve all aspects of the installation of the Oscillating Monitor Nozzle Project.
3. List of Subcontractors, List of Equipment Rental Companies, List of Material Suppliers, Project Area Access Method, and Project Schedule.

SCOPE OF WORK

Contractor shall furnish and install, in a manner that exhibits professional workmanship, six (6) each new Oscillating Monitor Nozzles (OMN). All of the Contractor furnished and installed OMN's shall be identical in model number and manufacturer, and include at least two complete sets of Operations Manuals/Maintenance Manuals. Three (3) each OMN's shall be installed in Bay #3, and three (3) each OMN's shall be installed in Bay #4 of Hangar 763 at the locations specified during the **Mandatory Job Walk**. Each OMN shall be completely contained and the oscillating mechanism shall be driven by the monitor inlet water pressure by way of a Turbine Wheel using no external wiring or hydraulic control to operate the oscillation mechanism. The monitor shall be U. L. Listed with 1% A.F.F.F. concentrate. Each OMN shall be made of carbon steel with protective red paint and provided with a stainless steel enclosure to protect the rotating parts. The OMN rotation joints shall be made of heavy duty nickel/bronze, and shall be equipped with stainless steel ball bearings equipped with grease fittings. OMN's shall be equipped with a garden hose test connection that allows functional checks of the oscillating mechanism without flowing water through the monitor outlet. Operating pressure shall be a minimum of 40psi, and a maximum of at least 230psi. Minimum OMN oscillation range shall be 0° – 120°, and the minimum elevation range shall be +60° to -40°. The OMN shall be provided with a brass, non-aspirating nozzle with straight stream to full fog adjustment. The nominal flow rate shall be 500 gpm @ 100 psi. OMN's shall meet all Local and State Fire Code Standards; and carry a comprehensive warranty against any defect or damage occurring during the first 24 months after the Notice of Completion has been recorded with the County of San Bernardino. The warranty shall include all parts and labor

necessary to correct any damage, defect, faulty design or workmanship. Contractor shall furnish and install all labor and equipment necessary to make each OMN functional. Such equipment includes, but is not limited to: piping, mounting stands, fittings, brackets, flanges, and hardware. Upon completion of installation, the Contractor shall test oscillation mechanism, and provide a 5 year certification for the OMN system. No OMN system water flows shall take place within any portion of Hangar 763. If OMN water flow is required, the Contractor shall set up, and flow the OMN's outside of Hangar 763 at a location designated by the SBIAA. **Contractor is responsible to verify all quantities prior to bid. The SBIAA makes no representation that approximate quantities are accurate.** During the course of this project, all existing fire monitoring systems and devices shall remain in service until OMN's are fully installed.

CONDITIONS

- Payment will be one (1) single check that will be released upon the satisfactory completion of all work as specified within this bid sheet.
- All work under this Contract shall be completed within a period of **10 calendar days** , from the date of the Contractor's receipt of Notice to Proceed from the SBIAA. This time allowance may be extended due to access constraints related to coordination with the SBIAA regarding tenant activities. The SBIAA agrees to issue Notice to Proceed within twenty (20) days of receipt of executed Contracts.
- All work must be coordinated with the Airport Operations Supervisor.
- The SBIAA will provide to Contractor one fork-lift on an “as needed” basis for the purpose of assisting Contractor in lifting project materials at OMN locations. The SBIAA will provide to the Contractor a chain-link enclosure area for the purpose of equipment and material storage.
- Complete SBIAA provided “Company Information Sheet” and “Subcontractor/ Subconsultant Information Sheet” and submit with completed bid.

BILL OF ANTICIPATED MATERIALS

<u>Furnish and Install</u>	<u>Quantity</u>
Self Contained Oscillating Monitor Nozzle	6
3-inch pipe	Approx 60-feet
Bracing/Joints/Hardware	As Required

JOB WALK

A **Mandatory Job Walk** will be conducted on **Wednesday, August 20, 2008 at 10:00 a.m.** at the SBIAA Office, located at 294 S. Leland Norton Way, San Bernardino, CA. 92408. All Contractors are required to attend this job walk in order to be eligible to submit bids.

DISCLAIMER

All proposals will be reviewed by the SBIAA. All quantities noted in this Bid Document and attached drawings are estimates only. Contractors are responsible for determining exact quantities and tasks required to complete the scope of work as indicated herein and at Mandatory Job Walk.

Nothing in this Bid Document or acceptance of any proposal or contract shall convey any exclusive rights as a sole provider. The SBIAA may reject any and all bids and reserves the right to omit one or more line items from this scope of work.

CONTRACTOR'S INSURANCE COVERAGE

Indemnification – The Contractor agrees to indemnify, defend and hold harmless the San Bernardino International Airport Authority and the Inland Valley Development Agency, their authorized officers, employees, agents and volunteers from any and all claims, actions, losses, damages, and/or liability arising out of this contract from any cause whatsoever, including the acts, errors or omissions of any person and for any costs or expenses incurred by the San Bernardino International Airport on account of any claim therefore, except where such indemnification is prohibited by law.

Insurance – Without in any way affecting the indemnity herein provided and in addition thereto, the Contractor shall secure and maintain throughout the contract the following types of insurance with limits as shown:

Workers' Compensation – A program of Workers' Compensation insurance or a state-approved Self-Insurance Program in an amount and form to meet all applicable requirements of the Labor Code of the State of California, including Employer's Liability with \$250,000 limits, covering all persons providing services on behalf of the Contractor and all risks to such persons under this Agreement.

Comprehensive General and Automobile Liability Insurance – This coverage to include contractual coverage and automobile liability coverage for owned, hired and non-owned vehicles. The policy shall have combined single limits for bodily injury and property damage of not less than one million dollars (\$1,000,000). All liability policies shall be on an occurrence policy form.

Additional Named Insured – All policies, except for the Workers' Compensation, Errors and Omissions and Professional Liability policies, shall contain additional endorsements naming the following organizations and their officers, employees, agents and volunteers as additional named insured with respect to liabilities arising out of the performance of services hereunder:

**San Bernardino International Airport Authority (SBIAA) and
Inland Valley Development Agency (IVDA)**

BID SHEET

Section One, Contractor Information

Company Name: _____

Company Address: _____

Company Phone: _____

Contractors License: _____

Signed: _____

Date: _____

Section Two, Bid Information

Bid Item 1. Provide all labor, parts and equipment necessary to install six (6) each Self Contained Oscillating Monitor Nozzles, pipe, joints, and brackets per "Scope of Work" section herein. Test system, and perform a 5 year certification on all Oscillating Monitor Nozzles.

\$ _____

Section Three, List of Subcontractor(s) to be used, if applicable.

Section Four, List of Equipment Rental Companies to be used, if applicable.

Section Five, List of Material Suppliers

Section Six, Project Area Access Method

Initial: _____

Section Seven, Project Schedule

Initial: _____