

SPECIFICATIONS FOR AN FAA CERTIFIED AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS) III MULTI-YEAR MAINTENANCE CONTRACT

SPECIFICATIONS FOR AN FAA CERTIFIED AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS) III MULTI-YEAR MAINTENANCE CONTRACT THREE (3) YEAR CONTRACT WITH UP TO TWO (2) ANNUAL RENEWALS

GENERAL SPECIFICATIONS

1. OWNER

The State of Tennessee, Department of Transportation Aeronautics Division (TAD), (hereafter referred to as Owner), intends to provide regulatory and general maintenance for forty (40) Automated Weather Observation Systems (AWOS) III – brand name AWOS 3000 and Next Generation manufactured by All Weather Incorporated (AWI).

2. LOCATION

The Vendor/Contractor shall provide the general maintenance and tri-annual inspections for each of the AWOS III units for all forty (40) locations across the State of Tennessee as listed below. This contract shall include furnishing of all equipment, materials, services and any incidentals necessary to keep the system in operation as a complete unit to the satisfaction of the owner and in compliance with all current statute laws or regulations as is required.

Madisonville	Gallatin	Lebanon	Millington (NQA)	Elizabethton
Dayton	Bolivar	Covington	Columbia	Sparta
Winchester	Fayetteville	Shelbyville	Lawrenceburg	Portland
Pulaski	DKX - Knoxville	Beech River	Murfreesboro	Lewisburg
Cleveland	Livingston	McMinnville	Nashville (JWN)	Rockwood
Huntingdon	Jacksboro	Paris	Springfield	Selmer
Morristown	Oneida	Athens	Dickson	Greeneville
Savannah	Union City	Tullahoma	Somerville	Sevierville

LIST OF APPLICABLE / RELATED PUBLICATIONS

FAA Order 3400.3 () Airways Facilities Maintenance Personnel Certification Program
 FAA Order 6000.15 () General Maintenance Handbook for Airways Facilities
 FAA Order 6030.37 () Airways Facilities Maintenance Radio Communications
 FAA Order 6560.20 () Siting Criteria for Automated Weather Observing Systems
 FAA Order 6700.20 () Non-Federal Navigational Aids and Air Traffic Control Facilities
 FAA Part 171 Non-Federal Navigation Facilities

FAA Advisory Circular 150/5220-16() Automated Weather Observing Systems (AWOS) for Non-Federal Applications

AWI NEXT GENERATION WEATHER OBSERVING SYSTEM Maintenance Manual
AWI AWOS 300 Maintenance

Manual () Latest version

3. INSPECTIONS

Provide tri-annual inspections as well as an annual FAA revalidation checks on all AWOS units as prescribed in applicable FAA publications and manufacturers' manuals. Inspections will be performed within a period from fifteen (15) days before, through fifteen (15) days after, the scheduled due date, with the exception of the inspection which occurs in conjunction with the annual FAA revalidation check. It will be performed within a period from thirty (30) days before, through thirty (30) days after, the scheduled due date. A schedule will be provided upon award of the contract.

Provide normal and on-demand maintenance on AWOS units as required. The vendor shall initiate on-demand maintenance within two (2) calendar days of notification of an outage or malfunction. Corrective action shall be completed within five (5) calendar days of determination of fault except when necessary parts or replacement components are not available in a timely manner from the manufacturer. Documentation of unavailability of parts or components is required by the state in addition to expected delivery date. All maintenance will be performed in accordance with the manufacturer's handbook.

Provide the State with a schedule of required inspections, component overhaul, and revalidation for the term of the contract. Complete and maintain all log books, records, documents, and papers on site to comply with all FAA directives and manufacturers' manuals. This is to include the Maintenance and Operations Manual for the AWOS located at each site.

4. CREDENTIALLED EMPLOYEES

The vendor/contractor will provide services utilizing only employees holding an FCC general radio/telephone repair license, FAA letter of verification to perform maintenance on AWOS units in the appropriate sector, and a manufacturer's letter of competency in repair and inspection of that manufacturer's AWOS equipment. The credentials for these employees should be submitted prior to the execution of this contract. It is the responsibility of the vendor/contractor to keep this list current with the Department of Transportation at all times. Copies of all licenses, with photo identification, and letters must be submitted to the program coordinator.

5. ADDITIONAL

The vendor/contractor will furnish all labor at the prices quoted to restore equipment to normal service after failures. Respond immediately to emergency requirements such

as an aircraft accident requiring facility verification or system failure upon notification by the FAA, NTSB, or owner.

6. TECHNICAL SUPPORT

Provide advice to owner in conducting periodic checks as outlined in Operating Manual.

Checks include:

- A. Inspection of obstruction lights
- B. Checking of AWOS output

Provide advice to owner and owner's on-site agent (airport and/or FBO) in the care and cleaning/servicing that may be done at the local level of the following parts of an AWOS as specified in the latest issue of applicable Maintenance Manuals. Any other local level cleaning/servicing activities should also be included.

- A. Visibility sensor optics
- B. Day / night sensor window
- C. Ceilometer windows
- D. Tipping bucket rain gauge

Familiarize owner and owner's on-site agent with the requirements of FAA Order 6000.15(), Appendix 2; FAA Form 6030-1, as well as reporting of outages to FAA for issuance of NOTAMS.

Provide "Memorandum of Understanding" between the State of Tennessee and the FAA relative to the maintenance, repair, and inspection of the listed AWOS facilities.

All services performed under this contract must be in accordance with applicable Federal Aviation Administration directives and advisory circulars as well as manufacturer's maintenance manuals. Those services will be performed on those facilities listed herein.

7. GENERAL BILLING AND PAYMENT CONDITIONS

The State of Tennessee will not pay vendor/contractor for any overtime pay after the vendor/contractor's normal hours nor shall the State of Tennessee reimburse the vendor/contractor for technical advice via telephone after hours.

The State of Tennessee will not pay vendor/contractor for any travel expenses incurred. On-demand (unscheduled) maintenance time shall not include scheduled maintenance.

Repair and replacement cost controls:

- A. All repair parts will be billed at contractor's cost, including shipping but excluding State taxes. No markup will be accepted.
- B. The vendor/contractor shall submit as backup documentation a copy of the original purchase invoice(s) as proof of cost for parts. This must accompany the job invoice in order for the agency to process payment for services performed. If no purchase invoice is available for proof of cost for repair parts, the State may verify

current market value and if necessary, alter the payment invoice to reflect market price.

C. Discounts, including prompt payment discount offered by suppliers, must be credited to the State in determining the actual cost of the parts used for this contract.

D. On-demand (unscheduled) maintenance invoices shall include a TDOT signed and approved AWOS maintenance request form.

WARRANTY

All work performed by the Vendor/Contractor must meet warranty for parts and labor for a period of one (1) year from the date of Owner acceptance. During the one (1) year period following the date of acceptance by the Owner, the Vendor/Contractor will warrant any defect in design, materials, or workmanship which may occur during proper and normal use.