EXHIBIT A

COALINGA AIRPORT

City of Coalinga

Automated Weather Observation System (AWOS) Replacement

Engineering Design Scope of Services

July 2026

PROJECT DESCRIPTION

This Scope of Services details the design and bid administration services to be provided by Mead & Hunt, Inc. (Consultant or Mead & Hunt) for the Automated Weather Observation System (AWOS) Replacement Project (Project) at the Coalinga Airport (Airport or Sponsor) for the City of Coalinga (City).

BACKGROUND

Coalinga Airport is located in Coalinga, CA, approximately 50 miles southwest of Fresno. The Airport currently has an AWOS-III system that has reached its life cycle expectancy and is needing a replacement. The proposed AWOS will not be re-located and will remain where the existing AWOS is currently located. This proposal assumes that the site's existing power supply is adequate for the proposed AWOS. The site is northeast of the Airport's segmented circle, which is on the opposite side of the airfield from terminal building and the apron area.

An AWOS automatically measures meteorological conditions and broadcasts aviation weather reports that can be received by aircraft operating up to 10,000 feet above ground level and 25 nautical miles from the AWOS. The AWOS weather report allows pilots to obtain accurate weather data.

PROJECT ELEMENTS

The Project is anticipated to consist of the following elements:

Installation of a Replacement AWOS System

Construction and installation of a new AWOS System at the existing AWOS site location. The existing electrical line will connect to the proposed AWOS system. The Project is scheduled to advertise for competitive bidding in the spring of 2027. The Project is estimated to have a construction cost of approximately $350,000.00.

The general location of the AWOS system is shown on *Attachment 1.*

PROJECT TEAM

The Consultant will assign a Project Manager (PM) to this Project to monitor continuity through the phases of work, as described in this scope. The PM will be responsible for work performed by the Consultant Team. Specific Project management tasks are detailed within each phase of work.

The Consultant Team will also consist of civil engineers, electrical engineers, designers, and administrative staff as needed to perform the tasks in this scope of work.

The Consultant will not subcontract with any subconsultants for this Project.

SCOPE OF SERVICES

The Consultant's scope of work for the Project will be phased as follows:

Phase 1: 90% Design

Phase 2: Final Design

Phase 3: Bid Administration

The Consultant will provide the services described in the following Phases and tasks.

PHASE 1 90% DESIGN

Phase 1 will include the work described in this section.

1.1 PHASE 1 PROJECT MANAGEMENT AND COORDINATION

Project management tasks during Phase 1 will consist of the following:

1.1.1 Prepare Contract and Project Setup

The PM and administrative staff will prepare the contract between the Consultant and the City. Administrative staff will also set up the internal Project database for finance tracking, and internal Project directory for saving design files.

1.1.2 Prepare Project Management Plan **– Not in Contract (NIC)**

No Project Management Plan (PMP) will be prepared for this Project.

1.1.3 Prepare Schedule

The PM will prepare a design and bidding schedule upon receiving the Notice to Proceed (NTP) from the City. This schedule will be updated throughout design, as necessary based on review times by the City and the Federal Aviation Administration (FAA).

1.1.4 Coordinate Internal Design Team

The PM will assign a design team to the Project. Once a design team is established, the PM will implement a task coordination program to assign specific responsibilities to team members. Throughout the design, the PM will coordinate and monitor internal work progress.

1.1.5 Coordinate Subconsultants - **NIC**

The Project will not include subconsultant work.

1.1.6 Quality Control (QC) Program

The PM will implement a quality control (QC) program. As part of this program, the PM will assign both QC and quality assurance (QA) team members to the Project. The PM will prepare a detailed QC checklist that will be shared with the internal design team and

reviewed by the PM at each design phase. The design team will also maintain a design log to track design decisions throughout the Project that can be reviewed internally.

The PM and assigned QC team members will regularly review work performed by the design team. Prior to finalizing the preliminary design submittal, the assigned QA team members will review draft versions of the documents to be submitted.

1.1.7 Prepare Invoices

The PM will maintain a Project budget spreadsheet to track costs on a monthly basis. At the beginning of each month, the PM will review accrued costs from the previous month and work with accounting staff to prepare invoices for the City. The invoices will be submitted in accordance with the City's standard invoice requirements. The invoices will include detailed cost breakdowns referencing the items in this scope of work and indicate percent complete for each item. The PM will also review Subconsultant invoices. It is anticipated that two (2) invoices will be prepared during Phase 1.

1.2 PHASE 1 PROJECT MEETINGS AND COMMUNICATION

The Consultant will participate in several meetings and phone calls during Phase 1. Meetings and communication items will be as follows:

1.2.1 Internal Project Kickoff Meeting

The PM will prepare for and conduct a meeting with the internal design team to present the Project including but not limited to team member assignments, Project budget, design schedule, major Project elements, and internal protocol. Up to five (5) members from the Consultant Team will attend (anticipated to consist of Senior Associate, PM, Senior Electrical Engineer, Senior Engineer, and Engineer I).

1.2.2 Project Kickoff Meeting with the City

The Consultant will prepare for and conduct a meeting with the City to present the Project including but not limited to introductions, design schedule, and major Project elements. Up to four (4) members from the Consultant Team will attend (anticipated to consist of PM, Senior Associate, Senior Electrical Engineer, and Senior Engineer). The meeting is anticipated to be held virtually. The Consultant will prepare an agenda to support the meeting, as well as exhibits, as necessary. The Consultant Team will collaborate to create meeting minutes and distribute via email to all that attended the meeting.

1.2.3 Site Investigation

The Consultant will conduct an investigation of the Project site. The investigation will include the following tasks:

a. The Consultant will review any existing record drawings provided by the City of the existing airfield electrical system to gain a detailed understanding of expected site conditions, as well as review existing electrical circuit routing to determine appropriate electrical tie-in points. The Consultant will also reference the information

obtained during the electrical site investigation performed for the Runway Rehabilitation Project.

b. The Consultant will generate a map of the Airport to use in documenting the existing conditions.

c. Up to two (2) members from the Consultant Team (anticipated to consist of PM and Senior Engineer) will travel to the Airport and conduct a site investigation.

1.2.4 Weekly Internal Progress Meetings

The PM will conduct weekly meetings with the internal design team to discuss the Project schedule and work progress. Up to four (4) members from the Consultant Team will attend each meeting (PM, Senior Electrical Engineer, Senior Engineer, Engineer I). Up to four (4) half-hour meetings are anticipated during Phase 1.

1.2.5 Monthly Progress Meetings with the City

The Consultant will conduct monthly meetings with the City to discuss the Project schedule, work progress, and coordination items. Up to two (2) members from the Consultant Team will attend each meeting (anticipated to consist of PM and Senior Engineer). Up to two (2) meetings are anticipated during Phase 1. The meetings are anticipated to be held virtually.

1.2.6 Present 90% Submittal to the City

The Consultant will prepare for and conduct a meeting with the City to present the preliminary design submittal. Up to three (3) members from the Consultant Team will attend (anticipated to consist of PM, Senior Electrical Engineer, and Senior Engineer). The meeting is anticipated to be held virtually. The Consultant will prepare an agenda and minutes to support the meeting, as well as exhibits, as necessary.

1.2.7 General Communication with the City

The Consultant will communicate with the City throughout Phase 1 as needed via phone call or email in addition to the meetings listed herein.

1.3 TOPOGRAPHIC SURVEYING **- NIC**

The Consultant will not include topographic surveying services for this Project.

1.4 90% AWOS DESIGN

The Consultant will perform a preliminary design for the proposed AWOS in accordance with FAA Advisory Circular (AC) 150/5220-16E, *Automated Weather Observing Systems (AWOS) for Non-Federal Applications – with Change 1.* Included are the following work tasks:

a. The Consultant will work with the City to pursue a Type III P/T AWOS System. Based on the selection, the Consultant will determine if a cost benefit analysis is required for Airport Improvement Program (AIP) eligibility.

b. The Consultant will design a 90% conduit and circuit layout, with junction structure locations, for the purpose of illustrating the extent of the proposed improvements and preparing a preliminary cost estimate. Details of the layout will be refined in subsequent design phases.

c. The Consultant will perform an evaluation of the required power equipment for the proposed AWOS.

d. The Consultant will coordinate with the FAA as necessary to determine ground inspection needs and other applicable FAA requirements for installation of a new AWOS.

1.5 PREPARE 90% PLANS

The Consultant will prepare 90% plan sheets depicting the proposed improvements. The following is a general list of drawings that will be used as a guideline. Actual number and title of drawings may be modified during the design phase, as required.

Sheet Number	Sheet Description	No. of Sheets	Scale
GENERAL			
G-001	Cover Sheet	1	N/A
G-003	Legend and Abbreviations	1	N/A
G-021	Project Layout and Survey Control Plan	1	1" = 200'
G-041	Line of Site Diagram	1	1" = 200'
G-081	Construction Safety and Phasing Plans	1	1" = 200'
G-091	Construction Safety and Phasing Details	1	N/A
ELECTRICAL			
E-051	Electrical Demolition Plan	1	1” = 50’
E-061	Demolition Details	1	N/A
E-101	Electrical Layout Plans	1	1" = 20'
E-201	Operator Terminal Layout Plan	1	1" = 20'
E-301	AWOS Installation and Details	1	1" = 20'
E-601	Electrical Details	1	N/A
	Total Number of Sheets	**12**	

1.6 PREPARE 90% ENGINEER’S DESIGN REPORT

The Consultant will prepare a 90% Engineer’s Design Report (EDR) to document the basis and findings of the preliminary design. Elements of the EDR will include but are not limited to the following:

a. Introduction / Scope.

b. Site Investigation (Including photographs).

c. Topographic Survey.

d. Design Standards.

e. Electrical Design (Including Load Calculations as Appendix).

f. Navigational Aids (NAVAID) Impacts.

g. Environmental Considerations (Including CATEX documentation as Appendix).

h. Utility Information.

i. Delineation of AIP Eligible and Ineligible Work Items.

j. Disadvantaged Business Enterprise (DBE) Participation.

k. Considerations for Airport Operational Safety.

l. Project Schedule.

m. Estimated Project Cost (Including Detailed Cost Breakdown as Appendix).

n. Design Review Meeting Minutes (Included as Appendix).

1.7 PREPARE 90% SPECIFICATIONS

The Consultant will assemble the specifications as stated below for the City to use in obtaining competitive bids for the work. The documents will meet current FAA Standards for AIP-funded projects and incorporate City specifications / provisions as necessary to support FAA specifications.

1.7.1 Bidding and Contract Documents

The Consultant will review the latest standard Bidding and Contract Documents provided by the City and tailor them to the Project. For documents that have no City standards, the Consultant will prepare the documents based on FAA standards. The documents will include but not be limited to the following:

a. Notice to Bidders

b. FAA Instructions to Bidders

c. Proposal Forms

d. Bid Schedule

e. Sample Agreement

f. Insurance Requirements

g. Bonds and Guarantees

1.7.2 City General Provisions

After receiving the most recent version from the City, the Consultant will include the City General Provisions in the 90% submittal package. The specifications will make clear that the City General Provisions fall behind the FAA specifications in order of precedence.

1.7.3 Federal Contract Provisions

Federal laws and regulations require that specific contract provisions be included in federally funded contracts as established within the grant assurances. The Consultant will prepare the Federal Contract Provisions. These requirements cover items such as:

a. Affirmative Action Requirement.

b. Buy American Preference.

c. Civil Rights.

d. Davis-Bacon Act (DBA) Requirements.

e. Disadvantaged Business Enterprise (DBE).

f. Equal Employment Opportunity (EEO).

g. Fair Labor Standards Act (FLSA / Minimum Wage and Overtime Pay).

h. Lobbying and Influencing Federal Employees.

i. Prohibition of Segregated Facilities.

j. Occupational Safety and Health Act.

1.7.4 Project-specific Special Provisions for Airport Construction

The Consultant will prepare special provisions to address or expand on conditions specific to construction on airports, specifically Automated Passport Control (APC), which require additional clarification. They will include, as applicable but are not limited to, the following items:

a. General Safety Requirements, Airfield Safety and Traffic Control.

b. Construction Schedule Requirements.

c. Time Limitations.

d. Work Hour Limitations.

e. Liquidated Damages.

f. Project Sequencing and Potential Delays.

g. Barricades and Runway Closure Markers.

h. Radio Communication.

i. Access and Security.

j. Required Training.

k. General Site Information and Requirements.

l. Construction Staking and Survey Layout.

m. Submittal Procedures.

n. Schedule of Values.

o. Miscellaneous Material Specifications.

p. Record Drawings.

q. Certified Payroll Requirements.

r. Project Pay Request Requirements.

1.7.5 FAA Standard Specifications for Construction of Airports

The Consultant will prepare FAA General Contract Provisions, General Construction Items, and Technical Specifications in accordance with FAA AC 150/5370-10H, *Standard Specifications for Construction of Airports*. FAA Standard Specifications shall include but are not limited to the following items:

a. Part 1 – General Contract Provisions

b. Part 2 – General Construction Items
   i. Item C-100, Contractor Quality Control Program (CQCP)
   ii. Item C-105, Mobilization
c. Part 3 – Lighting Installation
   i. Item L-108, Underground Power Cable for Airports
   ii. Item L-110, Airport Underground Electrical Duct Banks and Conduits
   iii. Item L-115, Electrical Manholes and Junction Structures
   iv. Item A-110 Automated Weather Observing System

1.7.6 Contractor's Materials and Equipment Submittal Checklist

The Consultant will prepare a checklist to attach to the specification book that will list the materials and equipment submittals that will be expected from the Contractor prior to construction. The submittals will reference sections from the specifications.

1.8 PREPARE 90% COST ESTIMATE

1.8.1 Calculate Estimated 90% Quantities

The Consultant will calculate necessary quantities for the various work items. Quantities will be consistent with the specifications and acceptable quantity calculation practices.

1.8.2 Prepare 90% Cost Estimate

The Consultant will provide a construction cost estimate based on record cost data and similar work. The cost estimate will include several bid items that in subsequent design submittals will correlate with items in the specifications. In addition to construction cost, the Consultant will also estimate total Project costs including but not limited to City administration, design, construction administration, resident engineering, and materials testing. These additional costs will be provided to support the City in the grant planning process.

1.9 PREPARE CONSTRUCTION SAFETY AND PHASING PLAN (CSPP)

The Consultant will prepare a Construction Safety and Phasing Plan (CSPP) in conformance with FAA Standards and FAA AC 150/5370-2G, *Operational Safety on Airports During Construction.* After Sponsor review and approval, the CSPP will be uploaded to the FAA online portal for review and approval. The final CSPP will be included in the Bid Documents package and generally includes the following information:

a. Overview and Purpose.
b. Construction Safety Responsibility of Each Party.
c. Construction Phasing, including but not limited to:
   - Phasing and time limitations: To establish a fair construction duration, the Consultant will prepare an estimated critical-path construction schedule for each phase or work area. The schedule will be based on productivity rates observed in similar projects. This schedule is

an estimate only and will not relieve the contractor of their responsibility to prepare a detailed schedule of work.

- Areas and operations affected by construction.
- Wildlife management.
- Hazardous materials management.
- Inspection requirements.
- Marking and signs for access routes.
- Protection of runway and taxiway critical areas.
- Safety plan compliance document.

d. Construction Safety and Phasing Plan Sheet(s).

1.10 PREPARE FAA FORM 7460-1

The Consultant will complete Form 7460-1 as per FAA guidelines and will submit the form via the FAA portal. A total of two (2) 7460-1 forms are anticipated for the Project: one (1) for the critical construction equipment height and one (1) for the Construction Safety and Phasing Plan (CSPP). The 7460-1 for construction equipment will include detailed graphics containing latitude and longitude coordinates, existing ground surface, height of equipment, and distance from runway.

1.11 PREPARE 90% SUBMITTAL

1.11.1 Internal QA Review

The QA staff assigned by the PM as part of the QC program will perform an internal review of the 90% deliverables listed below. The review will be performed using Bluebeam software, and the QA staff will provide markups if modifications to the deliverables are required. The PM will then review the completed markups and coordinate the design team to modify the deliverables, as necessary.

1.11.2 Submit 90% Deliverables to the City

The Consultant will finalize assembly of the 90% deliverables listed below and submit to the City for review. The deliverables will be submitted electronically using Newforma file transfer software. The Consultant will also print, assemble, and ship hard copies of the deliverables as described below.

PHASE 1 DELIVERABLES

1) Kickoff Meeting Agenda and Minutes – Electronic submittal
2) Design Review Meeting Agenda and Minutes – Electronic submittal
3) 90% Plans – Electronic submittal
4) 90% EDR – Electronic submittal

PHASE 2 FINAL DESIGN

2.1 PHASE 2 PROJECT MANAGEMENT AND COORDINATION

Project management tasks during Phase 2 will consist of the following:

2.1.1 Update PMP **- NIC**

No Project Management Plan (PMP) will be prepared for this Project.

2.1.2 Update Schedule

The schedule created during Phase 1 will be updated throughout design, as necessary, based on review times by the City and FAA.

2.1.3 Coordinate Internal Design Team

The PM will continue to coordinate and monitor internal work progress during Phase 2.

2.1.4 QC Program

The PM will complete the review of the QC checklist, and the design team will finalize the design log during Phase 2.

The PM and assigned QC team members will review the final deliverables prior to completion.

2.1.5 Prepare Invoices

The PM will continue to maintain the Project budget spreadsheet and prepare invoices as defined in Phase 1. It is anticipated that two (2) invoices will be prepared during Phase 2.

2.2 PHASE 2 PROJECT MEETINGS AND COMMUNICATION

The Consultant will participate in meetings and calls during Phase 2. Meetings and communication items will be as follows:

2.2.1 Weekly Internal Progress Meetings

The PM will conduct weekly meetings with the internal design team to discuss the Project schedule and work progress. Up to four (4) members from the Consultant Team will attend (anticipated to consist of PM, Senior Electrical Engineer, Senior Engineer, and Engineer I). Three (3) half-hour meetings are anticipated during Phase 2.

2.2.2 Monthly Progress Meetings with the City

The Consultant will conduct one (1) monthly meeting with the City to discuss the Project schedule, work progress, and coordination items. Up to two (2) members from the Consultant Team will attend each meeting (anticipated to consist of PM and Senior Engineer). The meeting is anticipated to be held virtually.

2.2.3 General Communication with the City

The Consultant will communicate with the City throughout Phase 2, as needed, via phone calls or email in addition to the meetings listed herein.

2.3 PREPARE FINAL PLANS

Based on City review of 90% submittal, the Consultant will update the plans (12 sheets).

2.4 PREPARE FINAL SPECIFICATIONS

Based on City review of 90% submittal, the Consultant will update the specifications.

2.5 PREPARE FINAL ENGINEER'S DESIGN REPORT

Based on City review of 90% submittal, the Consultant will update the EDR. The Consultant will also prepare the required FAA Sponsor Certifications verifying that the plans and specifications were developed in accordance with FAA requirements, and the Equipment / Construction Contract Certification. The certifications will be submitted to the City for review and signature. The certifications will be included in the final EDR.

2.6 PREPARE FINAL COST ESTIMATE

2.6.1 Calculate Estimated Final Quantities

The Consultant will update the quantities based on the final design.

2.6.2 Prepare Final Cost Estimate

The Consultant will update the cost estimate based on the final design.

2.7 PREPARE FINAL CONSTRUCTION SAFETY AND PHASING PLAN

Based on City review of 90% submittal, the Consultant will update the CSPP.

2.8 PREPARE FINAL SUBMITTAL

2.8.1 Internal QC Review

The PM and QC staff assigned by the PM as part of the QC program will perform an internal review of the final deliverables listed below. The review will be performed using Bluebeam software, and the PM and QC staff will provide markups if modifications to the deliverables are required. The PM will then review the completed markups and coordinate the design team to modify the deliverables, as necessary.

2.8.2 Submit Final Deliverables to the City

The Consultant will complete assembly of the final deliverables listed below and submit to the City for bid distribution. The deliverables will be submitted electronically using Newforma file transfer software.

PHASE 2 DELIVERABLES

1) Final Plans – Electronic submittal
2) Final Specifications – Electronic submittal
3) Final EDR – Electronic submittal
4) Final CSPP – Electronic submittal

PHASE 3 BID ADMINISTRATION

3.1 PHASE 3 PROJECT MANAGEMENT AND COORDINATION

Project management tasks during Phase 3 will consist of the following:

3.1.1 Update Schedule

The schedule created during Phase 1 will be updated to show bid administration milestones.

3.1.2 Prepare Invoices

The PM will continue to maintain the Project budget spreadsheet and prepare invoices as defined in Phase 1. It is anticipated that two (2) invoices will be prepared during Phase 3.

3.2 PHASE 3 PROJECT MEETINGS AND COMMUNICATION

The Consultant will participate in meetings and calls during Phase 3. Meetings and communication items will be as follows:

3.2.1 Monthly Progress Meetings with the City

The Consultant will conduct monthly meetings with the City to discuss the Project schedule and coordination items. Up to two (2) members from the Consultant Team will attend each meeting (anticipated to consist of PM and Senior Engineer). One (1) meeting is anticipated during Phase 3. The meeting is anticipated to be held virtually.

3.2.2 Pre-bid Conference

The Consultant will arrange for and conduct a pre-bid conference with potential contractors and the City to review the Project and answer questions. One (1) member from the Consultant Team will attend in person (anticipated to be a Senior Engineer). The conference is anticipated to be conducted at the Airport and include a site visit. A meeting agenda and minutes will be prepared and distributed by the Consultant. The Consultant will also prepare full-size graphics to illustrate the Project to potential contractors.

3.2.3 General Communication with the City

The Consultant will communicate with the City throughout Phase 3, as needed, via phone call or email in addition to the meetings listed herein.

3.3 PREPARE ADVERTISEMENT FOR BIDS **– NIC**

The City will be responsible for preparing the advertisement for bids for local newspaper(s).

3.4 BID DOCUMENTS DISTRIBUTION **– NIC**

The City will be responsible for bid document distribution.

3.5 RESPOND TO BIDDERS' QUESTIONS

During the bidding process, the Consultant will be available to clarify bidding issues with the Contractor and suppliers, and for consultation with the various entities associated with the Project.

3.6 BID ADDENDA

The Consultant will assist the City, as necessary, to prepare bid addenda as appropriate to interpret, clarify, or change the bidding documents as required by the City or FAA. The City will be responsible for issuing the addenda to the plan holders either through mail, electronic mail, hand delivering, or facsimile transmission. Up to two (2) addenda are anticipated.

3.7 BID OPENING **– NIC**

The Consultant will not be required to attend the bid opening.

3.8 BID REVIEW AND BID TABULATION

The City will perform the initial bid review and tabulation and provide to the Consultant. The Consultant will perform a follow-up review to check that low bidder meets the bidding requirements and check math errors on the tabulation.

3.9 PREPARE RECOMMENDATION FOR AWARD

The Consultant will prepare a Recommendation of Award for the City to accept or reject the submitted bids. If rejection is recommended, the Consultant will supply an explanation for their recommendation and possible alternative actions that the City can pursue to complete the Project. The Consultant will also prepare a draft letter on City letterhead for the City to send to the FAA requesting FAA concurrence with award.

PHASE 3 DELIVERABLES

1) Pre-bid Conference Minutes – Electronic submittal
2) Recommendation of Award – Electronic submittal

SCHEDULE OF COMPLETION

A tentative design and bidding schedule is included as *Attachment 3*. The schedule assumes that the City will issue a NTP on September 28, 2026. Based on the current FAA grant schedule, the construction of this Project is programmed for a FY 2027 AIP grant. This means that the opening of bids is not anticipated to occur until early 2027 to align with the grant application timeline. The bid opening date will ultimately be coordinated with the FAA based on their 2027 grant requirements. The tentative schedule includes design and review periods based on the assumed amount of time available between NTP and bid opening. Actual

durations may be reduced based on work progress or a change in milestones. Estimated durations for each applicable phase are shown below:

PHASE 1

Based on the assumed NTP and bid opening, the estimated duration to complete the 90% submittal is within 30 calendar days after receipt of NTP from the City.

PHASE 2

Based on the assumed NTP and bid opening, the estimated duration to complete the final submittal is within 20 calendar days after receipt of City and FAA comments on the 90% submittal.

PHASE 3

1) The Consultant will coordinate bid administration milestones with the City and FAA based on City standard processes and FAA grant timelines.
2) The Consultant will submit the Recommendation of Award within 14 calendar days after receipt of the bid proposal documents from the City.

Design durations do not include City and FAA review periods. Once the NTP is received from the City, the Consultant will prepare and maintain a Project schedule that estimates City and FAA review periods.

SERVICES TO BE PROVIDED BY THE CITY

The City and Consultant agree that the following items will be provided by the City. If these or any additional items are added to the Consultant's scope of work, they will be considered extra services and require a negotiated fee and an Amendment to the contract.

1) Any existing record drawings of the airfield electrical system and the existing AWOS.
2) Fees, easements, or permit fees from City, State, or utility companies, and others, if applicable.
3) Reproduction and distribution of bid documents to interested contractors.
4) Distribution of bid addenda.
5) Access to the site provided for the Consultant.
6) Data provided to the Consultant such as reports, as-built drawings, and other information related to the Project, if available and not already in Consultant possession.
7) Review of draft documents from the Consultant within a reasonable amount of time, including review comments provided in writing. The City review comments from various individuals and departments shall be provided in writing and shall be returned to the Consultant as a single package representing all City's review comments.
8) Protection of digital information or data supplied by Consultant, if any, from contamination, misuse, or changes.

SERVICES TO BE EXCLUDED

The City and Consultant agree that the following items will be excluded from this Scope of Services. If these or any additional items are added to the Consultant's scope of work, they will be considered extra services and require a negotiated fee and an Amendment to the contract.

1) Storm Water Pollution Prevention Plan (SWPPP) preparation.
2) Redesign of AWOS site if a different location is chosen.
3) Structural design of new footings.
4) Fencing Improvement design.

COMPENSATION FOR SERVICES

Compensation for all work outlined in this Scope of Services shall be on a Lump Sum basis in the amount of **Ninety-nine Thousand One Hundred Seventy Dollars ($99,170.00).**

This fee shall include labor, material, expenses, and incidentals necessary to complete the work as described herein. The Engineering Design Cost Estimate is included herein as *Attachment 2*.

All fees are in conformance with the current *Mead & Hunt, Inc. California Rates (2026)*, which are included as *Attachment 4* to this Scope of Services.

Any additional services requested by the City will be performed on a time-and-expense basis in conformance with the *Mead & Hunt, Inc. California Billing Rate Schedule*. The Consultant will establish the budget for additional services prior to the start of any additional work and may not exceed the budget without written authorization from the City. Any additional services must be authorized in writing by the City.

End of Scope

Respectfully submitted by,

MEAD & HUNT, Inc.

Edward Heitmann, PE
Project Manager – Aviation

Rafael Gonzalez, PE
Vice President – Aviation

Attachments

Attachment 1 – AWOS Installation Graphic

Attachment 2 – Engineering Design Cost Estimate

Attachment 3 – Tentative Design and Bidding Schedule

Attachment 4 – M&H Current California Rates (2026)

Mead & Hunt

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Ontario, CA 91761
phone: 909-467-8560
meadhunt.com

NEW COALINGA MUNICIPAL AIRPORT AWOS REPLACEMENT PROJECT

W DURIAN AVE
COALINGA, CA 93210

ISSUED

NOT FOR CONSTRUCTION

M&H NO.:	4667812
DATE:	JUNE 2026
DESIGNED BY:	JR
DRAWN BY:	JR
CHECKED BY:	BWB

DO NOT SCALE DRAWINGS

SHEET CONTENTS

ATTACHMENT 1 - AWOS INSTALLATION GRAPHIC

SHEET NO.

EXHIBIT

X:\4667812\REF\PROP\SHEETS\AWOS REPLACEMENT\ISCOPE_CAD\AWOS EXHIBIT.DWG
6/29/2026 3:04:20 PM

Coalinga Airport (C80)
Automated Weather Observation System (AWOS) Replacement
Engineering Design Cost Estimate

Date: 6/30/2026

	PHASES and TASKS	Mead & Hunt (labor hours and rates)							Expenses				
		Senior Associate	Senior Project Engineer	Project Engineer / Project Manager	Senior Electrical Engineer	Senior Engineer	Engineer I	Project Assistant III	Mileage (Per Mile)	Hotel (Per Night)	Meals (Per Meal)	Reproduction and Shipping	Total Cost
		$370	$306	$266	$246	$246	$157	$135	$0.725	$200	$25	1	
PHASE 1 - 90% DESIGN													
1.1	Phase 1 Project Management and Coordination												
1.1.1	Prepare Contract and Project Setup		0.5	1				1					$ 554.00
1.1.2	Prepare Project Management Plan **- NIC**												$ -
1.1.3	Prepare Schedule			1									$ 266.00
1.1.4	Coordinate Internal Design Team		1	2									$ 838.00
1.1.5	Coordinate Subconsultants **- NIC**												$ -
1.1.6	Quality Control (QC) Program			2									$ 532.00
1.1.7	Prepare Invoices - Up to two (2) anticipated		1	2				2					$ 1,108.00
1.2	Phase 1 Project Meetings and Communication												
1.2.1	Internal Project Kickoff Meeting	1		1	1	1	1						$ 1,285.00
1.2.2	Project Kickoff Meeting with the City	1		2	1	1		1					$ 1,529.00
1.2.3	Site Investigation			16		16			480	2	12		$ 9,240.00
1.2.4	Weekly Internal Progress Meetings - Up to four (4) anticipated			2	2	2	2						$ 1,830.00
1.2.5	Monthly Progress Meetings with the City - Up to two (2) anticipated			2		2		1					$ 1,159.00
1.2.6	Present 90% Submittal to the City			2	1	1		1					$ 1,159.00
1.2.7	General Communication with the City			4		2							$ 1,556.00
1.3	Topographic Surveying **- NIC**												$ -
1.4	90% AWOS Design			1	8	1	4						$ 3,108.00
1.5	Prepare 90% Plans												
	General (6 New Sheets)			2		3	12						$ 3,154.00
	Electrical (6 New Sheets)			1	4	3	12						$ 3,872.00
1.6	Prepare 90% Engineer's Design Report			1	2	8	4	2					$ 3,624.00
1.7	Prepare 90% Specifications												
1.7.1	Bidding and Contract Documents			1		1		4					$ 1,052.00
1.7.2	City General Provisions			1		1		2					$ 782.00
1.7.3	Federal Contract Provisions			1		1		4					$ 1,052.00
1.7.4	Project-specific Special Provisions for Airport Construction			2		2		4					$ 1,564.00
1.7.5	FAA Standard Specifications for Construction of Airports			4	4	4	6	8					$ 5,054.00
1.7.6	Contractor's Materials and Equipment Submittal Checklist			1			1						$ 423.00

Coalinga Airport (C80)
Automated Weather Observation System (AWOS) Replacement
Engineering Design Cost Estimate

Date: 6/30/2026

	PHASES and TASKS	Mead & Hunt (labor hours and rates)							Expenses				
		Senior Associate	Senior Project Engineer	Project Engineer / Project Manager	Senior Electrical Engineer	Senior Engineer	Engineer I	Project Assistant III	Mileage (Per Mile)	Hotel (Per Night)	Meals (Per Meal)	Reproduction and Shipping	Total Cost
		$370	$306	$266	$246	$246	$157	$135	$0.725	$200	$25	1	
1.8	Prepare 90% Cost Estimate												
1.8.1	Calculate Estimated 90% Quantities				1	2	4						$ 1,366.00
1.8.2	Prepare 90% Cost Estimate		0.5	1	1	2	2						$ 1,471.00
1.9	Prepare Construction Safety and Phasing Plan (CSPP)	1		2		4	8	1					$ 3,277.00
1.10	Prepare FAA Form 7460-1 - Up to two (2) anticipated	1				1	4						$ 1,244.00
1.11	Prepare 90% Submittal												
1.11.1	Internal QA Review		8	8									$ 4,576.00
1.11.2	Submit 90% Deliverables to the City		1	2	4	4	8	2					$ 4,332.00
	Phase 1 Subtotal	**4**	**12**	**65**	**29**	**62**	**68**	**33**	**480**	**2**	**12**	**$ -**	**$ 61,007.00**
PHASE 2 - FINAL DESIGN													
2.1	Phase 2 Project Management and Coordination												
2.1.1	Update PMP **- NIC**												$ -
2.1.2	Update Schedule			1									$ 266.00
2.1.3	Coordinate Internal Design Team		1	2									$ 838.00
2.1.4	QC Program			1									$ 266.00
2.1.5	Prepare Invoices - Two (2) anticipated		1	1				1					$ 707.00
2.2	Phase 2 Project Meetings and Communication												$ -
2.2.1	Weekly Internal Progress Meetings - Up to three (3) anticipated			1.5	1.5	1.5	1.5						$ 1,372.50
2.2.2	Monthly Progress Meetings with the City - Up to one (1) anticipated			1		1							$ 512.00
2.2.3	General Communication with the City			2									$ 532.00
2.3	Prepare Final Plans			2	2	6	12						$ 4,384.00
2.4	Prepare Final Specifications			2	4	4	6	8					$ 4,522.00
2.5	Prepare Final Engineer's Design Report			1	2	2	4	2					$ 2,148.00
2.6	Prepare Final Cost Estimate												$ -
2.6.1	Calculate Estimated Final Quantities				0.5	1	2						$ 683.00
2.6.2	Prepare Final Cost Estimate			0.5	0.5	1	1.5						$ 737.50
2.7	Prepare Final Construction Safety and Phasing Plan			1		2	6	1					$ 1,835.00
2.8	Prepare Final Submittal												$ -
2.8.1	Internal QC Review		6	6									$ 3,432.00
2.8.2	Submit Final Deliverables to the City		1	1	2	4	6	2					$ 3,260.00

Coalinga Airport (C80)
Automated Weather Observation System (AWOS) Replacement
Engineering Design Cost Estimate

Date: 6/30/2026

	PHASES and TASKS	Mead & Hunt (labor hours and rates)							Expenses				
		Senior Associate	Senior Project Engineer	Project Engineer / Project Manager	Senior Electrical Engineer	Senior Engineer	Engineer I	Project Assistant III	Mileage (Per Mile)	Hotel (Per Night)	Meals (Per Meal)	Reproduction and Shipping	Total Cost
		$370	$306	$266	$246	$246	$157	$135	$0.725	$200	$25	1	
	Phase 2 Subtotal	**0**	**9**	**23**	**12.5**	**22.5**	**39**	**14**	**0**	**0**	**0**	**$ -**	**$ 25,495.00**
PHASE 3 - BID ADMINISTRATION													
3.1	Phase 3 Project Management and Coordination												
3.1.1	Update Schedule			1									$ 266.00
3.1.2	Prepare Invoices - Up to two (2) anticipated		1	2				2					$ 1,108.00
3.2	Phase 3 Project Meetings and Communication												$ -
3.2.1	Monthly Progress Meetings with the City - One (1) anticipated			1		1							$ 512.00
3.2.2	Pre-bid Conference					16		2	480	1	6	$ 100.00	$ 5,004.00
3.2.3	General Communication with the City			4									$ 1,064.00
3.3	Prepare Advertisement for Bids **- NIC**												$ -
3.4	Bid Documents Distribution **- NIC**												$ -
3.5	Respond to Bidders' Questions			1	2	2							$ 1,250.00
3.6	Bid Addenda - Up to two (2) anticipated			1	2	2		2					$ 1,520.00
3.7	Bid Opening **- NIC**												$ -
3.8	Bid Review and Tabulation			1		1	3						$ 983.00
3.9	Prepare Recommendation for Award			1		1	2	1					$ 961.00
	Phase 3 Subtotal	**0**	**1**	**12**	**4**	**23**	**5**	**7**	**480**	**1**	**6**	**$ 100.00**	**$ 12,668.00**
	TOTAL PROJECT BUDGET (Lump Sum)												**$ 99,170.00**

Tentative Design and Bidding Schedule			
Action	**Begin**	**End**	**Duration**
NTP	9/28/2026	9/29/2026	1
90% Design	9/29/2026	10/29/2026	30
90% Review Period	10/29/2026	11/12/2026	14
Final Design	11/12/2026	12/2/2026	20
Final Review Period	12/2/2026	12/9/2026	7
Bid Process	12/9/2026	1/18/2027	40
Bid Review	1/18/2027	2/1/2027	14

ATTACHMENT 4

MEAD & HUNT, Inc.
Standard Billing Rate Schedule
Effective January 1, 2026

Standard Billing Rates

- Project Assistant II ..... $107.00 / hour
- Project Assistant III ..... $135.00 / hour
- Technical Editor III ..... $138.00 / hour
- Technician I ..... $125.00 / hour
- Technician II ..... $143.00 / hour
- Technician III ..... $168.00 / hour
- Technician IV ..... $178.00 / hour
- Senior Technician ..... $221.00 / hour
- Engineer I, Scientist I, Architect I, Interior Designer I, Planner I ..... $157.00 / hour
- Engineer II, Scientist II, Architect II, Interior Designer II, Planner II ..... $176.00 / hour
- Engineer III, Scientist III, Architect III, Interior Designer III, Planner III ..... $189.00 / hour
- Construction Resident Project Representative (RPR) ..... $198.00 / hour
- Senior Engineer, Senior Scientist, Senior Architect, Senior Interior Designer, Senior Planner, Construction Manager ..... $246.00 / hour
- Project Engineer, Project Scientist, Project Architect, Project Interior Designer, Project Planner .... $266.00 / hour
- Senior Project Engineer, Senior Project Scientist, Senior Project Architect, Senior Project Interior Designer Senior Project Planner ..... $306.00 / hour
- Senior Associate, Principal, Senior Client / Project Manager ..... $370.00 / hour

Expenses

- Geographic Information or GPS Systems ..... $100.00 / day
- Out-Of-Pocket Direct Job Expenses ..... cost plus 15%
  Such as reproductions, sub-consultants / contractors, etc.

Travel Expense

- Company or Personal Car Mileage ..... $ IRS rate / mile*
  ** Rates will be charged at Current IRS rate https://www.irs.gov/tax-professionals/standard-mileage-rates*
- Air and Surface Transportation ..... cost plus 15%
- Lodging and Sustenance ..... cost plus 15%

Billing and Payment

- Travel time is charged for work required to be performed out-of-office. A minimum of two hours will be billed for any work out-of-office.
- Invoicing is on a monthly basis for work performed. Payment for services is due within 30 days from the date of the invoice. An interest charge of 1.5% per month is made on the unpaid balance starting 30 days after the date of invoice.

This schedule of billing rates is effective January 1, 2026, and will remain in effect until December 31, 2026, unless unforeseen increases in operational costs are encountered. We reserve the right to change rates to reflect such increases.