

From: Lombardi, Kyle
Sent: Wed, 14 May 2025 14:04:15 +0000
To: Matesic, Hannah (OST); Priebe, Jack (OST)
Subject: AIP Grant Question - Redding Airport
Attachments: Redding AIP Grant Application.pdf

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Hi Hannah and Jack,

When I was out in the district last month, I visited the Redding Airport in Shasta County, California. My understanding is they applied for \$27.5M in AIP funding from the FAA (see attached application). FAA did not make this award in 2023 or 2024. This project is ready to go, but for the FAA AIP funds. Contractors are in place but may need to be let go if this funding doesn't come through in 2025. Airport officials are under the impression that FAA will issue them these funds this year, which would be great, in the first round of awards in June or July. However, our constituents heard that their grant was on pause at FAA HQ for review.

I checked with Dan Neumann at FAA congressional affairs about Redding's AIP grant. He said Redding is a priority, but that he didn't know about timing of awards because the Administration is reviewing all grants to ensure they are consistent with its priorities.

Redding would use these AIP funds to resurface its main runway. I toured this airport last month, and the runway has some issues. There is some cupping, as well as some pieces of sealant and concrete are coming loose. The airport is patching this stuff to keep the runway safe and up to spec, but the long-term solution is resurfacing. Redding airport is home to a firefighter hotshot facility and is used extensively by firefighting aircraft. It is also the only commercial airport in CA north of Sacramento and pulls travelers from across the region and southern Oregon.

It would be much appreciated if you can you tell me what the status of the Redding Airport AIP grant is and when the FAA will start making awards?

Thanks for the help on this issue. Best,

Kyle

Kyle Lombardi
Deputy Chief of Staff
Congressman Doug LaMalfa (CA-01)

408 Cannon House Office Building
Washington, D.C. 20515
Office: (b)(6)

Application for Federal Assistance SF-424

*1. Type of Submission:

☐ Preapplication☒ Application☐ Changed/Corrected Application

*2. Type of Application

☒ New☐ Continuation☐ Revision

* If Revision, select appropriate letter(s):

* Other (Specify)

*3. Date Received:

4. Applicant Identifier:

RDD

5a. Federal Entity Identifier:

3-06-0194-xxx

*5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

*a. Legal Name: City of Redding

*b. Employer/Taxpayer Identification Number (EIN/TIN):

94-60000401

*c. UEI:

XL3JUNNVFLL9

d. Address:

*Street 1: 777 Cypress Avenue

Street 2:

*City: Redding

County/Parish: Shasta

*State: CA

*Province:

*Country: USA: United States

*Zip / Postal Code 96001-2718

e. Organizational Unit:

Department Name:

Public Works

Division Name:

Airports

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr. *First Name: Andrew

Middle Name:

*Last Name: Solsvig

Suffix:

Title: Airports Manager

Organizational Affiliation:

City of Redding

*Telephone Number: 5302244321

Fax Number:

*Email: asolsvig@cityofredding.org

Application for Federal Assistance SF-424

***9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Pick an applicant type

Type of Applicant 3: Select Applicant Type:

Pick an applicant type

*Other (Specify)

***10. Name of Federal Agency:**

Federal Aviation Administration

11. Catalog of Federal Domestic Assistance Number:

20.106

CFDA Title:

Airport Improvement Program

***12. Funding Opportunity Number:**

*Title:

13. Competition Identification Number:

N/A

Title:

N/A

14. Areas Affected by Project (Cities, Counties, States, etc.):

City of Redding, County of Shasta, California

***15. Descriptive Title of Applicant's Project:**

Runway 16-34 Rehabilitation; Connector Taxiway H, Rwy 16-34 Shoulder and Runway 16-34 Blast Pad Reconstruction; MAGVAR updates; Runway 16-34 High Intensity Light Replacement (HIRL) and Airfield Signage Improvements; Phase 2, Construction.

Attach supporting documents as specified in agency instructions.

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Application for Federal Assistance SF-424**16. Congressional Districts Of:**

*a. Applicant: CA-1

*b. Program/Project: CA-1

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

*a. Start Date: 6/30/2025

*b. End Date: 02/01/2026

18. Estimated Funding (\$):

*a. Federal	\$ 27,751,162
*b. Applicant	\$ 1,488,613
*c. State	\$ 0
*d. Local	\$ 0
*e. Other	\$ 0
*f. Program Income	\$ 0
*g. TOTAL	\$ 29,239,775

***19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on _____.
- ☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☐ c. Program is not covered by E.O. 12372.

***20. Is the Applicant Delinquent On Any Federal Debt?**☐ Yes ☒ No

If "Yes", explain:

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U. S. Code, Title 218, Section 1001)

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. *First Name: Andrew

Middle Name: _____

*Last Name: Solsvig

Suffix: _____

*Title: Airports Manager

*Telephone Number: 530-224-4321

Fax Number:

* Email: asolsvig@cityofredding.org

*Signature of Authorized Representative: Andrew Solsvig

*Date Signed:

Application for Federal Assistance (Development and Equipment Projects)

PART II – PROJECT APPROVAL INFORMATION

Part II - SECTION A	
The term "Sponsor" refers to the applicant name provided in box 8 of the associated SF-424 form.	
Item 1. Does Sponsor maintain an active registration in the System for Award Management (www.SAM.gov)?	☒ Yes ☐ No
Item 2. Can Sponsor commence the work identified in the application in the fiscal year the grant is made or within six months after the grant is made, whichever is later?	☒ Yes ☐ No ☐ N/A
Item 3. Are there any foreseeable events that would delay completion of the project? If yes, provide attachment to this form that lists the events.	☐ Yes ☒ No ☐ N/A
Item 4. Will the project(s) covered by this request have impacts or effects on the environment that require mitigating measures? If yes, attach a summary listing of mitigating measures to this application and identify the name and date of the environmental document(s).	☐ Yes ☒ No ☐ N/A
Item 5. Is the project covered by this request included in an approved Passenger Facility Charge (PFC) application or other Federal assistance program? If yes, please identify other funding sources by checking all applicable boxes. ☒ The project is included in an <i>approved</i> PFC application. If included in an approved PFC application, does the application <i>only</i> address AIP matching share? ☒ Yes ☐ No ☐ The project is included in another Federal Assistance program. Its CFDA number is below.	☒ Yes ☐ No ☐ N/A
Item 6. Will the requested Federal assistance include Sponsor indirect costs as described in 2 CFR Appendix VII to Part 200, States and Local Government and Indian Tribe Indirect Cost Proposals? If the request for Federal assistance includes a claim for allowable indirect costs, select the applicable indirect cost rate the Sponsor proposes to apply: ☒ De Minimis rate of 10% as permitted by 2 CFR § 200.414. ☐ Negotiated Rate equal to _____ % as approved by _____ (the Cognizant Agency) on _____ (Date) (2 CFR part 200, appendix VII). <i>Note: Refer to the instructions for limitations of application associated with claiming Sponsor indirect costs.</i>	☒ Yes ☐ No ☐ N/A

PART II - SECTION B

Certification Regarding Lobbying

The declarations made on this page are under the signature of the authorized representative as identified in box 21 of form SF-424, to which this form is attached. The term "Sponsor" refers to the applicant name provided in box 8 of the associated SF-424 form.

The Authorized Representative certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Sponsor, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the Authorized Representative shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The Authorized Representative shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

PART II – SECTION C

The Sponsor hereby represents and certifies as follows:

1. Compatible Land Use – The Sponsor has taken the following actions to assure compatible usage of land adjacent to or in the vicinity of the airport:

The County has a compatible land use plan.

2. Defaults – The Sponsor is not in default on any obligation to the United States or any agency of the United States Government relative to the development, operation, or maintenance of any airport, except as stated herewith:

None

3. Possible Disabilities – There are no facts or circumstances (including the existence of effective or proposed leases, use agreements or other legal instruments affecting use of the Airport or the existence of pending litigation or other legal proceedings) which in reasonable probability might make it impossible for the Sponsor to carry out and complete the Project or carry out the provisions of the Grant Assurances, either by limiting its legal or financial ability or otherwise, except as follows:

None

4. Consistency with Local Plans – The project is reasonably consistent with plans existing at the time of submission of this application) of public agencies that are authorized by the State in which the project is located to plan for the development of the area surrounding the airport.

Yes

5. Consideration of Local Interest – It has given fair consideration to the interest of communities in or near where the project may be located.

Yes

6. Consultation with Users – In making a decision to undertake an airport development project under Title 49, United States Code, it has consulted with airport users that will potentially be affected by the project (§ 47105(a)(2)).

Yes, multiple public outreach meetings were held throughout the project design.

7. Public Hearings – In projects involving the location of an airport, an airport runway or a major runway extension, it has afforded the opportunity for public hearings for the purpose of considering the economic, social, and environmental effects of the airport or runway location and its consistency with goals and objectives of such planning as has been carried out by the community and it shall, when requested by the Secretary, submit a copy of the transcript of such hearings to the Secretary. Further, for such projects, it has on its management board either voting representation from the communities where the project is located or has advised the communities that they have the right to petition the Secretary concerning a proposed project.

Yes, multiple public outreach meetings were held throughout the project design.

8. Air and Water Quality Standards – In projects involving airport location, a major runway extension, or runway location it will provide for the Governor of the state in which the project is located to certify in writing to the Secretary that the project will be located, designed, constructed, and operated so as to comply with applicable and air and water quality standards. In any case where such standards have not been approved and where applicable air and water quality standards have been promulgated by the Administrator of the Environmental Protection Agency, certification shall be obtained from such Administrator. Notice of certification or refusal to certify shall be provided within sixty days after the project application has been received by the Secretary.

N/A

PART II – SECTION C (Continued)

9. Exclusive Rights – There is no grant of an exclusive right for the conduct of any aeronautical activity at any airport owned or controlled by the Sponsor except as follows:

None

10. Land – (a) The sponsor holds the following property interest in the following areas of land, which are to be developed or used as part of or in connection with the Airport subject to the following exceptions, encumbrances, and adverse interests, all of which areas are identified on the aforementioned property map designated as Exhibit “A”. [1]

Yes, the most current Exhibit A dated July 2018 was submitted to FAA.

The Sponsor further certifies that the above is based on a title examination by a qualified attorney or title company and that such attorney or title company has determined that the Sponsor holds the above property interests.

(b) The Sponsor will acquire within a reasonable time, but in any event prior to the start of any construction work under the Project, the following property interest in the following areas of land on which such construction work is to be performed, all of which areas are identified on the aforementioned property map designated as Exhibit “A”. [1]

N/A

(c) The Sponsor will acquire within a reasonable time, and if feasible prior to the completion of all construction work under the Project, the following property interest in the following areas of land which are to be developed or used as part of or in connection with the Airport as it will be upon completion of the Project, all of which areas are identified on the aforementioned property map designated as Exhibit “A”. [1]

N/A

¹ State the character of property interest in each area and list and identify for each all exceptions, encumbrances, and adverse interests of every kind and nature, including liens, easements, leases, etc. The separate areas of land need only be identified here by the area numbers shown on the property map.

PART III – BUDGET INFORMATION – CONSTRUCTION

SECTION A – GENERAL	
1. Assistance Listing Number:	20.106
2. Functional or Other Breakout:	Airport Improvement Program

SECTION B – CALCULATION OF FEDERAL GRANT			
Cost Classification	Latest Approved Amount (Use only for revisions)	Adjustment + or (-) Amount (Use only for revisions)	Total Amount Required
1. Administration expense			\$ 270,000
2. Preliminary expense			
3. Land, structures, right-of-way			
4. Architectural engineering basic fees			
5. Other Architectural engineering fees			
6. Project inspection fees (Construction Admin)			1,717,000
7. Land development			
8. Relocation Expenses			
9. Relocation payments to Individuals and Businesses			
10. Demolition and removal			
11. Construction and project improvement			27,106,881
12. Equipment			
13. Miscellaneous (Flight Check)			145,894
14. Subtotal (Lines 1 through 13)			\$ 29,239,775
15. Estimated Income (if applicable)			
16. Net Project Amount (Line 14 minus 15)			29,239,775
17. Less: Ineligible Exclusions (Section C, line 23 g.)			
18. Subtotal (Lines 16 through 17)			\$ 29,239,775
19. Federal Share requested of Line 18			27,751,162
20. Grantee share			1,488,613
21. Other shares			
22. TOTAL PROJECT (Lines 19, 20 & 21)			\$ 29,239,775

SECTION C – EXCLUSIONS	
23. Classification (Description of non-participating work)	Amount Ineligible for Participation
a.	
b.	
c.	
d.	
e.	
f.	
g. Total	

SECTION D – PROPOSED METHOD OF FINANCING NON-FEDERAL SHARE	
24. Grantee Share – Fund Categories	Amount
a. Securities	
b. Mortgages	
c. Appropriations (by Applicant)	1,488,613
d. Bonds	
e. Tax Levies	
f. Non-Cash	
g. Other (Explain):	
h. TOTAL - Grantee share	\$ 1,488,613
25. Other Shares	Amount
a. State	
b. Other	
c. TOTAL - Other Shares	
26. TOTAL NON-FEDERAL FINANCING	\$ 1,488,613

SECTION E – REMARKS (Attach sheets if additional space is required)
Included with this application: Exhibit A - Property Map Exhibit B - Project Layout Plan Exhibit C1 - Cost Summary Exhibit C2 - Scope of Work Narrative Exhibit D - Project Bid Tabulation Exhibit E - Project Schedule Exhibit F - Grant Assurances Exhibit G - Standard DOT Title VI Exhibit H - Sponsor Certifications

PART IV – PROGRAM NARRATIVE
(Suggested Format)

PROJECT: Rwy 16-34 Rehab; Connector Txy H, Rwy 16-34 Shoulder and Blast Pad Reconst, MAGVAR, HIRL CA

AIRPORT: Redding Regional (RDD)

1. Objective:

Perform a major runway pavement rehabilitation (last one performed in 2001) to continue to maintain airfield surface. Replace the existing age-distressed High Intensity Runway Lighting system to maintain night and low visibility operations. The project will also include MAGVAR updates and taxiway renaming elements to maintain compliance with current FAA orders and briefs.

2. Benefits Anticipated:

Extend the useful life of the pavement and allow the pavement to continue to support current and future operations. Shoulder and runway lighting improvements will enhance the safety of operations by providing more stable shoulders and reliable LED lights.

3. Approach: (See approved Scope of Work in Final Application)

The project will involve the construction of the following elements: Runway 16-34 Rehabilitation (116,700 SY, PCI 46) - Variable depth mill-and-fill, P-403 asphalt concrete leveling course, and P-401 asphalt concrete surface course and pavement markings Connector Taxiway H (1,300 SY, PCI 40), Runway 16-34 Shoulders (39,000 SY, PCI 58-64), and Runway 16-34 Blast Pad Reconstruction (8,900 SY, PCI 58-64) - Cement treated subgrade, P-209 aggregate base, and P-401 asphalt concrete pavement section and pavement markings MAGVAR Updates - New runway designators and airfield signage for MAGVAR updates for Runway 16-34 (future 17-35) and Runway 12-30 (future 13-31) High Intensity Runway 16-34 Edge Light Replacement (84 fixtures) - Installation of new edge lights, conduit, counterpoise, and conductors. Fixtures and base cans to be procured under separate grant. Airfield Signage Improvements (50 signs) - New signage and legend replacement to rename taxiways in conformance with Engineering Brief 89 and MAGVAR updates. Airfield signs and base cans to be procured under separate grant.

4. Geographic Location:

City of Redding, County of Shasta, California

5. If Applicable, Provide Additional Information:

The project was bid in spring of 2024 with a Contractor holding bids until June 6, 2025. The City will work closely with the FAA on when grant funding can be released. In the event the grant is not received by May 31, 2025 (allowing contract to be executed by June 06, 2025), the project will be repackaged and rebid in summer of 2025.

6. Sponsor's Representative: (include address & telephone number)

Mr. Andrew Solsvig, Airports Manager
777 Cypress Avenue, Redding, CA 96001
Phone: 530-224-4321

Exhibit A

Property Map

RECORDING INFORMATION ¹																			
Parcel	Owner	Acreage	Date Recorded	Recording Information	Grantor/Method	Parcel	Owner	Acreage	Date Recorded	Recording Information	Grantor/Method	Parcel	Owner	Acreage	Date Recorded	Recording Information	Grantor/Method	Parcel	Owner
(1)	City of Redding	108.13	06/06/1949	054-260-001-000	Quick Claim Dead D-339	(30)	City of Redding	13.0	12/08/1947	056-640-006-000	Instrument of Transfer	(40)	City of Redding	.51	02/17/1983	054-200-023-000	AIP# 03-06-0194-10 Fee Simple	(50)	City of Redding
(2)	City of Redding	320.00	12/08/1947	054-270-004-000	Instrument of Transfer	(31)	City of Redding	2.24	12/08/1947	056-610-014-000	Instrument of Transfer	(41)	City of Redding	.48	03/05/1984	054-200-024-000	AIP# 03-06-0194-10 Fee Simple	(51)	City of Redding
(3)	City of Redding	193.88	12/08/1947	054-280-005-000	Instrument of Transfer	(32)	City of Redding	23.67	12/08/1947	054-280-006-000	Instrument of Transfer	(42)	City of Redding	.72	08/29/1985	054-200-022-000	AIP# 03-06-0194-10 Fee Simple	(52)	City of Redding
(4)	City of Redding	60.37	06/06/1973	056-130-009-000	Fee Simple	(33a)	City of Redding	9.28	01/08/1970	054-210-052-000	ADAP# 08-06-0194-01/Fee Simple 09-04-062-C204	(43)	City of Redding	.35	10/25/1984	054-200-025-000	AIP# 03-06-0194-10 Fee Simple	(53)	City of Redding
(5)	City of Redding	256.55	12/08/1947	056-130-008-000	Instrument of Transfer	(33b)	City of Redding	9.42	04/15/1970	054-210-051-000	ADAP# 08-06-0194-01/Fee Simple 09-04-062-C204	(44)	City of Redding	.53	03/20/1984	054-200-006-000	AIP# 03-06-0194-10 Fee Simple	(54)	City of Redding
(6)	City of Redding	118.68	12/08/1947	056-010-025-000	Instrument of Transfer	(33c)	City of Redding	9.28	12/16/1968	054-210-052-000	ADAP# 08-06-0194-01/Fee Simple 09-04-062-C204	(45)	City of Redding	2.31	02/26/1993	054-200-067-000	AIP# 03-06-0194-13 Fee Simple	(55)	City of Redding
(7)	City of Redding	2.87	12/08/1947	054-260-002-000	Instrument of Transfer	(33d)	City of Redding	9.42	10/13/1971	054-210-051-000	ADAP# 8-06-0194-01 Fee Simple	(46)	City of Redding	.41	12/08/1983	054-200-026-000	AIP# 03-06-0194-28 Fee Simple	(56)	City of Redding
(8)	City of Redding	52.73	04/15/04	056-080-009-000	AIP# 03-06-0194-28 Fee Simple	(33e)	City of Redding	25.70	07/12/1971	054-210-051-000	ADAP# 8-06-0194-01 Fee Simple	(47)	City of Redding	4.26	12/22/2004	056-080-012-000	Pending Grant/Fee Simple	(57)	City of Redding
(9)	City of Redding	47.25	04/15/2004	056-080-010-000	AIP# 03-06-0194-28 Fee Simple	(33f)	City of Redding	9.42	03/12/1969	054-210-051-000	ADAP# 08-06-0194-01/Fee Simple 09-04-062-C204	(48)	City of Redding	.42	10/02/2001	056-120-007-000	AIP# 03-06-0194-22 Fee Simple	(58)	City of Redding
(10)	City of Redding	9.93	08/23/2004	056-080-008-000	AIP# 03-06-0194-28 Fee Simple	(33g)	City of Redding	5.00	04/30/1968	054-210-052-000	ADAP# 8-06-0194-01 Fee Simple	(49)	City of Redding	.42	09/08/2004	056-120-006-000	AIP# 03-06-0194-28 Fee Simple	(59)	City of Redding
(11)	City of Redding	18.89	08/23/2004	056-080-007-000	AIP# 03-06-0194-28 Fee Simple	(33h)	City of Redding	20.00	06/22/1972	054-210-051-000	ADAP# 8-06-0194-01 Fee Simple	(50)	City of Redding	.42	07/21/2004	056-120-018-000	AIP# 03-06-0194-28 Fee Simple	(60)	City of Redding
(12)	City of Redding	12.00	08/27/2004	056-100-001-000	AIP# 03-06-0194-28 Fee Simple	(33i)	City of Redding	5.00	04/09/1973	054-210-051-000	ADAP# 8-06-0194-01 Fee Simple	(51)	City of Redding	.42	07/21/2004	056-120-002-000	AIP# 03-06-0194-28 Fee Simple	(61)	City of Redding
(13)	City of Redding	4.62	10/08/1984	056-090-040-000	AIP# 03-06-0194-10 Fee Simple	(33j)	City of Redding	3.00	02/26/1971	054-210-051-000	ADAP# 8-06-0194-01 Fee Simple	(52)	City of Redding	.42	01/14/2003	056-120-001-000	AIP# 03-06-0194-22 Fee Simple	(62)	City of Redding
(14)	City of Redding	0.86	08/04/1980	056-090-012-000	AIP# 03-06-0194-10 Condemnation	(33k)	City of Redding	2.0	01/22/1971	054-210-051-000	ADAP# 8-06-0194-01 Fee Simple	(53)	City of Redding	5.18	10/01/2004	056-110-001-000	AIP# 03-06-0194-28 Fee Simple	(63)	City of Redding
(15)	City of Redding	1.24	08/04/1980	056-090-016-000	AIP# 03-06-0194-10 Condemnation	(34)	City of Redding	4.71	02/28/1986	054-210-030-000	Fee Simple	(54)	City of Redding	.50	10/12/1983	056-230-013-000	AIP# 03-06-0194-10 Fee Simple	(64)	City of Redding
(16a)	City of Redding	5.08	11/25/1970	056-090-015-000	ADAP# 8-06-0194-01 Fee Simple	(35)	City of Redding	4.78	08/28/1996	054-210-034-000	AIP# 03-06-0194-13 Condemnation	(55)	City of Redding	76.88	04/27/2006	056-160-005-000	Pending Grant/Fee Simple	(65)	City of Redding
(16b)	City of Redding	5.50	05/27/1971	056-090-015-000	ADAP# 8-06-0194-01 Fee Simple	(36)	City of Redding	4.73	08/28/1996	054-210-033-000	AIP# 03-06-0194-13 Condemnation	(56)	City of Redding	.50	02/01/1984	056-230-014-000	AIP# 03-06-0194-10 Fee Simple	(66)	City of Redding
(16c)	City of Redding	1.25	09/27/1972	056-090-015-000	Fee Simple	(37)	City of Redding	4.9	08/28/1996	054-210-020-000	AIP# 03-06-0194-13 Condemnation	(57)	City of Redding	.70	10/02/2001	056-230-015-000	AIP# 03-06-0194-22 Fee Simple	(67)	City of Redding
(16d)	City of Redding	1.60	09/27/1972	056-090-015-000	Fee Simple	(38)	City of Redding	8.01	01/17/1986	054-200-034-000	AIP# 03-06-0194-10 Fee Simple	(58)	City of Redding					(68)	City of Redding
(17)	City of Redding	46.87	04/04/1968	056-080-006-000	ADAP# 8-06-0194-01/Fee Simple 9-04-062-C204	(39)	City of Redding	1.03	02/26/1993	054-200-016-000	AIP# 03-06-0194-13 Fee Simple	(59)	City of Redding					(69)	City of Redding
(18)	City of Redding	20.00	03/20/1975	056-590-014-000	ADAP# 8-06-0194-01/Condemnation 9-04-062-C204														
(19a)	City of Redding	10.20	02/29/1968	056-580-021-000	ADAP# 8-06-0194-01 Fee Simple														
(19b)	City of Redding	3.40	12/13/1999	056-580-021-000	AIP# 03-06-0194-21 Fee Simple														
(20)	City of Redding	1.88	08/04/2003	056-590-012-000	AIP# 03-06-0194-22 Fee Simple														
(21)	City of Redding	1.6	08/04/2003	056-590-013-000	AIP# 03-06-0194-22 Fee Simple														
(22)	City of Redding	1.27	12/08/1947	056-610-017-000	Instrument of Transfer														
(23)	City of Redding	4.34	12/08/1947	056-610-004-000	Instrument of Transfer														
(24)	City of Redding	5.15	12/08/1947	056-610-008-000	Instrument of Transfer														
(25)	City of Redding	5.12	12/08/1947	054-640-001-000	Instrument of Transfer														
(26)	City of Redding	1.41	12/08/1947	054-640-019-000	Instrument of Transfer														
(27)	City of Redding	1.55	12/08/1947	054-640-012-000	Instrument of Transfer														
(28)	City of Redding	1.55	12/08/1947	056-640-013-000	Instrument of Transfer														
(29)	City of Redding	1.98	12/08/1947	056-640-020-000	Instrument of Transfer														

NOTE:

- All Property Recording Information was provided by the City of Redding.
- Parcels have been sold.

LAND RELEASED FROM FEDERAL OBLIGATIONS (MARCH 11, 2008)

STILLWATER BUSINESS PARK

WOODED AREA

RESERVE AVIATION

RESERVE NON-AVIATION

THROUGH THE FENCE ACCESS

NORTHERN CALIFORNIA SERVICE CENTER

U.S.F.S. AND CALIFORNIA DEPARTMENT OF FORESTRY

WOODED AREA

EXIST. RWY. END HIGH PT. 500.1 TDZE 500.1 122°17'49.8333"W 40°30'42.8861"N

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LEGEND		
EXISTING	ULTIMATE	DESCRIPTION
---	---	REDDING MUNICIPAL AIRPORT PROPERTY LINE
✱	✱	AIRPORT REFERENCE POINT (ARP)
---	---	AIRPORT ROTATING BEACON
---	---	PAVEMENT TO BE REMOVED
---	---	BUILDING RESTRICTION LINE (BRL)
---	---	DRAINAGE
---	---	FACILITY CONSTRUCTION
---	---	FENCING
---	---	NAVIGATIONAL AID INSTALLATION
---	---	RUNWAY END IDENTIFICATION LIGHTS (REIL)
---	---	RUNWAY THRESHOLD LIGHTS
---	---	SECTION CORNER
---	---	SEGMENTED CIRCLE/WIND INDICATOR
---	---	TOPOGRAPHIC CONTOURS (See Note 5)
---	---	WIND INDICATOR
---	---	RUNWAY SAFETY AREA (RSA)
---	---	OBJECT FREE AREA (OFA)
---	---	OBSTACLE FREE ZONE (OFZ)
---	---	HOLD POSITION MARKINGS
---	---	PARCELS

AIRPORT PROPERTY LEGEND	
---	EXISTING AIRPORT PROPERTY
---	FUTURE AIRPORT PROPERTY

Magnetic Declination
14° 22' East (June 2015)
Annual Rate of Change
00° 6.0' West (June 2015)

0 600 1200
SCALE IN FEET

SUBMITTED BY:
Coffman Associates
FOR APPROVAL BY:
APPROVED BY: ON THE DATE OF:
Bryant Garrett
Airports Manager
Department of Public Works
Airports Division, City of Redding, California

REDDING MUNICIPAL AIRPORT
AIRPORT PROPERTY MAP
(EXHIBIT "A")
REDDING, CALIFORNIA

PLANNED BY: Steve Wapner
DETAILED BY: Maggie Beaver
APPROVED BY: Jim Harris

July 2018 SHEET 16 OF 17</

Exhibit B

Project Layout Plan

Exhibits C1 and C2

Cost Summary and Scope of Work

Airport: Redding Regional Airport

Date 03/20/25

Sponsor: City of Redding

Project: Runway 16-34 and Taxiway Connectors Rehabilitation and MAGVAR Improvements

Cost Summary for AIP Grant Application (FY25)

Base Bid

Element	Grant Application Category	Total Cost	Federal Share (95%)	Non-Federal Share
City Administration	1. Administration Expense	\$ 200,000.00	\$ 190,000.00	\$ 10,000.00
Construction Administration	6. Project Inspection Fees	\$ 1,331,300.00	\$ 1,264,735.00	\$ 66,565.00
Construction	11. Construction and Project Improvement	\$ 20,111,190.00	\$ 19,079,006.75	\$ 1,032,183.25
Reimbursable Agreement #1	13. Miscellaneous	\$ 57,604.76	\$ 54,724.52	\$ 2,880.24
Reimbursable Agreement #2	13. Miscellaneous	\$ 58,288.91	\$ 55,374.46	\$ 2,914.45
Construction Reimbursable Agreement	13. Miscellaneous	\$ 15,000.00	\$ 14,250.00	\$ 750.00
HIRL Flight Check	13. Miscellaneous	\$ -	\$ -	\$ -
Total		\$ 21,773,383.67	\$ 20,658,090.74	\$ 1,115,292.93

Bid Alternate 1

Element	Grant Application Category	Total Cost	Federal Share (95%)	Non-Federal Share
City Administration	1. Administration Expense	\$ 70,000.00	\$ 66,500.00	\$ 3,500.00
Construction Administration	6. Project Inspection Fees	\$ 385,700.00	\$ 366,415.00	\$ 19,285.00
Construction	11. Construction and Project Improvement	\$ 7,666,587.00	\$ 7,283,257.65	\$ 383,329.35
Reimbursable Agreement #1	13. Miscellaneous	\$ -	\$ -	\$ -
Reimbursable Agreement #2	13. Miscellaneous	\$ -	\$ -	\$ -
Construction Reimbursable Agreement	13. Miscellaneous	\$ -	\$ -	\$ -
HIRL Flight Check	13. Miscellaneous	\$ 15,000.00	\$ 14,250.00	\$ 750.00
Total		\$ 8,137,287.00	\$ 7,730,422.65	\$ 406,864.35

Runway 16-34 Rehabilitation; Connector Taxiway H, Runway 16-34 Shoulder and Runway 16-34 Blast Pad Reconstruction; MAGVAR

Updates; Runway 16-34 High Intensity Light Replacement; and Airfield Signage Improvements (Phase 2) Project

Element	Grant Application Category	Total Cost	Federal Share (95%)	Non-Federal Share
City Administration	1. Administration Expense	\$ 270,000	\$ 256,500	\$ 13,500
Construction Administration	6. Project Inspection Fees	\$ 1,717,000	\$ 1,631,150	\$ 85,850
Construction (2024 RAC Bid)	11. Construction and Project Improvement	\$ 27,777,777	\$ 26,326,540	\$ 1,451,237
Construction (Deduct Airfield Lighting Procurement)	11. Construction and Project Improvement	\$ (600,746.00)	\$ (534,983.95)	\$ (65,762.05)
Construction (Deduct Runway Closure Markers, being procured under separate grant)	11. Construction and Project Improvement	\$ (70,150.00)	\$ (66,642.50)	\$ (3,507.50)
Reimbursable Agreement #1-Runway	13. Miscellaneous	\$ 57,605	\$ 54,725	\$ 2,880
Reimbursable Agreement #2-RSA	13. Miscellaneous	\$ 58,289	\$ 55,374	\$ 2,914
Construction Reimbursable Agreement	13. Miscellaneous	\$ 15,000	\$ 14,250	\$ 750
HIRL Flight Check	13. Miscellaneous	\$ 15,000	\$ 14,250	\$ 750
Total		\$ 29,239,775	\$ 27,751,162	\$ 1,488,612

Item	Element				Construction		FAA Reimbursable + Flight Check	NPR PURPOSE COMPONENT TYPE (PCT)	NPR CODE
		Federal Share	Local Share	Total Cost	Construction	Admin (City + Mead & Hunt)			
1	Runway 16-34 Rehabilitation	\$ 17,883,553	\$ 941,240	\$ 18,824,792	\$ 17,376,404	\$ 1,332,495	\$ 115,894	RC RW CO	80.4
2	Runway 16-34 Blast Pad Reconstruction	\$ 1,499,796	\$ 78,937	\$ 1,578,733	\$ 1,466,460	\$ 112,273		RC RW CO	80.4
3	Taxiway Connector Rehabilitation	\$ 1,071,461	\$ 56,393	\$ 1,127,853	\$ 1,047,645	\$ 80,208		RC TW CO	75.6
4	Runway 16-34 MAGVAR	\$ 98,728	\$ 5,196	\$ 103,924	\$ 82,600	\$ 6,324	\$ 15,000	ST RW CO	73.7
5	Runway 12-30 MAGVAR (City Funded)	\$ -	\$ 28,025	\$ 28,025	\$ 28,025	\$ -		ST RW CO	73.7
6	Runway 16-34 Shoulder Reconstruction	\$ 5,185,226	\$ 272,907	\$ 5,458,133	\$ 5,129,191	\$ 328,941		RC RW CO	80.4
7	Runway 16-34 Edge Lighting (HIRLS) and Signage	\$ 2,012,399	\$ 105,916	\$ 2,118,314	\$ 1,976,556	\$ 126,759	\$ 15,000	SA RW LI	83.2
TOTAL PROJECT		\$ 27,751,162	\$ 1,488,612	\$ 29,239,775	\$ 27,106,881	\$ 1,987,000	\$ 145,894		

CITY OF REDDING
REDDING REGIONAL AIRPORT
Runway 16/34 and Taxiway Connectors Rehabilitation and
Magnetic Variation (MAGVAR) Improvements
Construction Administration Scope of Services
AIP No. 3-06-0194-06X-2025
April 2025

PROJECT DESCRIPTION

This Scope of Services details the Construction Administration (CA) services to be provided by Mead & Hunt, Inc. (CONSULTANT) for the Runway 16/34 Rehabilitation and Magnetic Variation (MAGVAR) Improvements Project (Project) at the Redding Regional Airport (Airport) for the City of Redding (SPONSOR).

Background

The CONSULTANT completed the design for this Project and bid opening was complete on March 5, 2024. The SPONSOR will submit a final grant application to the FAA to receive federal funding for construction of the Project. It is anticipated that the FAA will award the construction grant in May of 2024, in order to meet the scheduled runway closure period of October 2025.

Project Elements

The Project will consist of the following elements:

- 1) Runway 16/34 and Taxiway Connectors Rehabilitation (Base Bid)
 - a. Variable depth asphalt concrete mill-and-replace, in addition to a leveling course for grade correction
 - b. Adjust existing runway edge lights
 - c. Application of pavement markings
- 2) Magnetic Variation (MAGVAR) Improvements (Base Bid)
 - a. Renaming of Runway 16/34 to Runway 17/35 and Runway 12/30 to Runway 13/31 including updates to the airfield guidance signs and landing designators updates
- 3) Runway 16/34 Edge Lighting and Airfield Signage Improvements (Bid Alternate No. 1)
 - a. Remove existing runway edge lights and base cans
 - b. Install new conduit, cable, counterpoise systems
 - c. Installation of new homerun circuit and electrical vault building equipment improvements
 - d. Install new high intensity runway edge lights
 - e. Install new and modify existing airfield guidance signs based on MAGVAR updates in addition to proposed taxiway naming convention
- 4) Runway 16/34 Pavement Shoulder Reconstruction (Bid Alternate No. 1)
 - a. Asphalt pavement and underlying base removal

- b. Full depth subgrade excavation
- c. Cement treatment of subgrade
- d. New asphalt and aggregate base pavement section

There was one bid for the Project, with a Base Bid cost of \$20,106,000, and a Bid Alternate No. 1 cost of \$7,671,777.

Project Duration

The Project has been divided into two Elements: 1) Mobilization and 2) Construction. The SPONSOR will issue separate Notice to Proceeds (NTPs) to the Contractor for the Mobilization Element and the Construction Element. The NTP for the Construction Element will not be issued until the Mobilization Element is complete and the Contractor-provided Safety Plan Compliance Document (SPCD) is approved by the SPONSOR. The anticipated Project duration is shown on the following table:

Project Element	Duration
Mobilization	60 Calendar Days
Construction Phase 1	30 Calendar Days
Construction Phase 2 (Base Bid Only)	25 Calendar Days
Construction Phase 2 (Base Bid and Bid Alternate No. 1)	28 Calendar Days
Pavement Cure Period	30 Calendar Days
Construction Phase 3*	18 Calendar Days
Total (Base Bid Only)	163 Calendar Days
Total (Base Bid and Bid Alternate No. 1)	166 Calendar Days

* Construction Phase 3 consists of the final application of pavement markings and runway grooving; 30 calendar days minimum cure time will be required between the placement of HMA surface course, and the application of the final coat of markings and grooving. All other construction is required to be completed at the end of Construction Phase 2.

The Construction Safety and Phasing Plan (CSPP) is included in the Project Specifications and contains additional details on the time limitations as well as specific phasing requirements for the Project.

For the purpose of scoping CA efforts, it is assumed that the schedule will be as follows:

- 1) FAA awards grant in May 2025.
- 2) SPONSOR issues NTP to CONSULTANT and Mobilization NTP to Contractor in May 2025.
- 3) SPONSOR issues Construction NTP to Contractor in June 2025.
- 4) Construction Phase 1 occurs between July 2025 and September 2025 including the following:
 - a. Survey verification (assume 10 calendar days on-site)
 - b. Asphalt concrete test strips (assume 2 needed)
 - c. Electrical site verification (assume 4 calendar days on-site) – Only if Bid Alternate No. 1 is awarded
 - d. Electrical homerun installation outside runway safety area (assume 14 calendar days) – Only if Bid Alternate No. 1 is awarded
- 5) Public Outreach workshop for airport users in August/September 2024.
- 6) Construction Phase 2

- a. Base Bid Only – Runway closure period October 1, 2025 – October 25, 2025
 - b. Base Bid and Bid Alternate No. 1 – Runway closure period October 1, 2025 – October 28, 2025
- 7) Construction Phase 3 expected in end of November through mid-December 2025 timeframe.
 - 8) Construction substantially completed in mid-December 2025.
 - 9) Final project closeout January – April 2026.

Project Team

The CONSULTANT team will assign following staff to this Project:

- 1) Senior Associate – Contracting, general Project coordination, Quality Assurance coordination and review, attend coordination meetings.
- 2) Senior Civil Project Engineer (SCPE) – Assist Project management, assist general Project coordination, assist field staff/RPR coordination, quality control, attend coordination meetings, periodic site visits to review construction activities.
- 3) Senior Engineer / Project Manager (PM) – Engineer of Record, Project management, general Project coordination, field staff/RPR coordination, quality control, attend and lead coordination meetings, regular site visits to review construction activities, monitor continuity through the Project.
- 4) Construction Manager (CM) – CONSULTANT's lead point of contact through the Project construction, quality control, attend and lead weekly construction coordination meetings, coordination with material QA testing subconsultant, RFIs, daily construction observation and reporting, monitor conformance with Project Plans and Specifications. Construction manager will have a minimum of 20 years of airfield construction experience.
- 5) Resident Project Representative (RPR) 3 - Daily construction observation, coordinate with QC testing subconsultant, daily construction activity reporting. RPR 3 will have a bachelor's degree in engineering (licensed PE) with a minimum of 7 years of experience or a minimum of 20 years of airfield construction experience.
- 6) RPR 2 – Daily construction observation, coordinate with QC testing subconsultant, daily construction activity reporting. RPR 2 will have a bachelor's degree in engineering (EIT certificated) with a minimum of 4 years of airfield construction experience.
- 7) RPR 1 – Daily construction observation, coordinate with QC testing subconsultant, daily construction activity reporting. RPR 1 will have an associate or bachelor's degree in engineering with a minimum of 2 years of airfield construction experience.
- 8) Engineer III – Office support for submittal reviews, RFIs, RFCPs, Field Directives, Contract Change Orders, Pay Applications, and other construction documentation.
- 9) Engineer I – Office support assisting the PM and Engineer I with documents described herein, as well as AutoCAD exhibits.
- 10) Administrative Assistant – Project invoicing, document editing, proofing, and formatting.

The CONSULTANT will subcontract with the following subconsultants for specialty services:

- 1) CGI Technical Services Inc (CGI): CGI will perform quality assurance material testing services.
- 2) Arellano Associates (AA): AA will perform public outreach services.

SCOPE OF SERVICES

The CONSULTANT's scope of work for the Project will be phased as follows (and so referenced):

- 1) Phase 1 Pre-Construction Services
- 2) Phase 2 Construction Administration Services
- 3) Phase 3 Construction Observation
- 4) Phase 4 Material Testing
- 5) Phase 5 Public Outreach Services
- 6) Phase 6 Post-Construction Services

The services to be provided by CONSULTANT under each of these phases and the associated tasks are described below.

******To allow for flexibility on the Project award (whether only base bid or base bid and bid alternate are awarded), italicized language is added where additional effort is needed for bid alternate efforts.***

PHASE 1 PRE-CONSTRUCTION SERVICES

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 process the contract between the CONSULTANT and the SPONSOR. Administrative staff will also setup the internal Project database for finance tracking.

1.1.2 Prepare Schedule

The PM will prepare a coordination schedule upon receiving the Notice to Proceed (NTP) from the SPONSOR. This schedule will only show major milestones to facilitate overall coordination of the Project. The Contractor will be responsible for submitting a detailed construction schedule with work activities.

1.1.3 Prepare Project Management Plan (PMP)

The PM will prepare a PMP that will address the following Project elements: Vision and Objectives, Project Team Roles and Responsibilities, Document Distribution Plan, Communications Plan, Quality Control Plan, and Change Management Plan. The PM will use the PMP as a tracking tool for the various elements throughout the Project.

1.1.4 Coordinate CONSULTANT Team

The PM will assign team members to the Project for office CA activities and assign the appropriate Construction Manager and RPRs to the Project for day-to-day field observation activities. The PM will coordinate with the Construction Manager to plan for construction activities and identify additional team members if needed to support the RPRs.

****** If bid alternate is awarded, additional coordination with the CONSULTANT team will be necessary for organizing team for construction activities.***

1.1.5 Coordinate Subconsultant(s)

The PM will prepare subcontract / work order for the subconsultant(s) upon receiving the NTP from the SPONSOR. Once subcontract(s) / work order(s) is/are executed, the PM will coordinate subconsultant work efforts, arrange for airport badges and discuss site access restrictions and requirements.

1.1.6 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 SPONSOR. The invoices will be submitted in accordance with the SPONSOR'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 three (3) invoices will be prepared during Phase 1.

1.2 PHASE 1 PROJECT MEETINGS AND COMMUNICATION

The CONSULTANT will participate in various meetings and calls during Phase 1. Meetings and communication items will be as follows:

1.2.1 Pre-Construction Conferences

The CONSULTANT will arrange for and conduct the pre-construction conferences (up to two conferences anticipated due to the nature of the Project). The purpose is to review FAA and Project-specific requirements, as well as coordinate Contractor activities with Airport operations and administration staff prior to commencing construction. The conferences are anticipated to be conducted at the Airport and will be attended by the CONSULTANT, Materials Testing Subconsultant, SPONSOR, representatives of FAA Airports District Office (if possible), Contractor, subcontractors, and Airport tenants affected by construction. The conferences will include the following sub-tasks:

- a. The CONSULTANT will schedule the conferences and prepare an agenda to support the meeting, as well as presentation materials to illustrate the Project work areas (as necessary).
- b. The CONSULTANT will obtain and review the Project construction schedules from the Contractor prior to presentation at the pre-construction conference. The SPONSOR will be provided with copies of the construction schedules.
- c. The CONSULTANT will preside at the pre-construction conferences, prepare a record of the conference, submit meeting minutes to the SPONSOR for review and comment, and distribute the final meeting minutes to attendees. Up to four (4) members from CONSULTANT team will attend in person (anticipated to consist of PM, SCPE, CM, and RPR 2). A representative from the Material Testing will also attend (costs included in Phase 4).

**** If bid alternate is awarded, an additional RPR 3 will attend one of the preconstruction conferences.*

1.2.2 Quality Control (QC) / Quality Assurance (QA) Workshop

The CONSULTANT will arrange for and conduct a QC/QA workshop in accordance with Project Specification Item C-100. A separate meeting agenda and minutes will be prepared for the QC/QA workshop. The meeting is anticipated to be conducted at the

Airport and will be attended by the CONSULTANT, Materials Testing Subconsultant, SPONSOR, representatives of FAA Airports District Office (if possible), Contractor, subcontractors, and the Contractor's QC testing firm. Up to four (4) members from the CONSULTANT team will attend (anticipated to consist of PM, SCPE, CM, and RPR 2). A representative from the Material Testing Subconsultant will also attend (costs included in Phase 4). The QC/QA workshop is anticipated to be concurrent with the second pre-construction conference.

1.2.3 General Communication with SPONSOR and Contractor

The CONSULTANT will communicate with the SPONSOR and Contractor throughout Phase 1 as needed via phone calls or email in addition to the meetings listed herein to discuss Project schedule, explanation of intent of design and execution of work, collaboration on various Project elements, and advance preparation of upcoming meetings.

**** If bid alternate is awarded, additional communication will be required.*

1.3 PREPARE PROJECT DOCUMENTATION

The CONSULTANT will review / prepare the following Project documentation:

- a. The CONSULTANT will review the construction contract and subcontractor contracts in accordance with federal provision requirements.
- b. The CONSULTANT will assist the SPONSOR in preparing NTP letters for both the Mobilization and Construction elements.
- c. The CONSULTANT will setup templates for Project documentation on CONSULTANT standard forms or SPONSOR-provided forms as applicable. Documentation will include, but is not limited to, submittal review forms, weekly FAA reports, weekly charged working day reports, RFIs, RFCPs, field directives, contract change orders, non-compliance notices, and applications for payment.
- d. The CONSULTANT will assemble and provide the Contractor with CAD files if requested (upon receipt of CONSULTANT-provided disclaimer form signed by Contractor).

**** If bid alternate is awarded, additional Project documentation needs will be required.*

1.4 PREPARE ISSUED FOR CONSTRUCTION PLANS AND SPECIFICATIONS

The CONSULTANT will prepare an issued-for-construction plan set and specification package. The plan set and specification package will be based on the bid set prepared during the design contract, but will also incorporate addenda issued during bid administration, as well as data obtained from Contractor site investigations during the Mobilization Element, such as grade verification and electrical investigation. Changes to the plan set beyond the items described herein will not be included and are not anticipated. The construction set and specification package will be stamped and signed by the Engineer-of-Record responsible for stamping the bid set.

**** If bid alternate is awarded, additional coordination and effort for the bid alternate elements of the plans and specifications assembled as part of the bid documents will be required.*

1.5 PREPARE CONSTRUCTION MANAGEMENT PLAN (CMP)

The CONSULTANT will obtain the Contractor's QC Plan and will subsequently prepare the CMP. The CMP combines data from the QC Plan with information of Project responsibilities from the SPONSOR and CONSULTANT. The CMP will outline the submittal requirements and materials testing requirements, as set forth in the construction documents and contained in FAA Advisory Circular (AC) 150/5370-10H, *Standard Specifications for Construction of Airports*. The CMP will summarize the types and frequency of testing required for quality acceptance, in addition to the credentials of those performing the testing. A preliminary copy of the CMP will be submitted to the SPONSOR and FAA for approval. After SPONSOR and FAA review, the CMP will be revised if needed, and issued to the Contractor for use during the Project.

PHASE 1 DELIVERABLES

- 1) Pre-Construction Conferences Meeting Minutes – electronic files to SPONSOR and attendees
- 2) QC/QA Workshop Meeting Minutes – electronic files to SPONSOR and attendees
- 3) Issued for Construction Plan Set and Specification Package – electronic files to SPONSOR and Contractor
- 4) CMP – electronic files to SPONSOR, FAA, and Contractor

PHASE 2 CONSTRUCTION ADMINISTRATION (CA) SERVICES

2.1 PHASE 2 PROJECT MANAGEMENT AND COORDINATION

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

2.1.1 Schedule Coordination

Throughout construction (Mobilization and Construction Phases 1-3), the CONSULTANT will review the weekly progress schedules submitted by the Contractor, and coordinate with the SPONSOR and Contractor on tracking overall timeline of the Project. The CONSULTANT will also coordinate with the SPONSOR, Contractor, and subconsultants on daily work hours and site access logistics. Coordination of Project schedules are anticipated for the Project are anticipated for 24 weeks (Mobilization through Construction Phases 1-3).

**** If bid alternate is awarded, additional schedule coordination and efforts for the bid alternate elements of the bid documents will be required.*

2.1.2 Coordinate PMP Updates

The PM will continue to coordinate and monitor PMP during Phase 2.

**** If bid alternate is awarded, additional PMP updates for the bid alternate elements of the bid documents will be required.*

2.1.3 Coordinate CONSULTANT Team

The PM will assign responsibilities to office staff to complete the documentation efforts described herein. The PM will also communicate with the Construction Manager and RPRs on a regular basis to monitor progress in the field. As part of this effort, the Construction Manager will create and maintain a detailed construction checklist for the RPRs to keep track of action items, quantities, production rates, and contractor compliance with Plans and Specifications. The PM and Construction Manager will also review daily reports prepared by the RPRs.

2.1.4 Coordinate Subconsultants

The PM will coordinate with Material Testing and Public Outreach subconsultants to schedule site visits, tests and dissemination of Project information. The PM will also review field and lab test results and discuss recommendations provided by the subconsultants.

**** If bid alternate is awarded, additional materials testing subconsultant efforts for the bid alternate elements of the bid documents will be required.*

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 five (5) invoices will be prepared during Phase 2.

2.2 REVIEW MATERIAL SUBMITTALS

The CONSULTANT will review Contractor-submitted material cut sheets, mix designs, shop drawings, and certificates for compliance with Plans and Specifications. It is expected that up to twenty five (25) submittals will be provided by the Contractor for review. The scope assumes each submittal will require up to one (1) resubmittal due to incomplete or incorrect information by the Contractor. If more than one (1) resubmittal is required due to incomplete or incorrect information by the Contractor, the cost for the CONSULTANT to review the resubmittal will be the responsibility of the Contractor as stated in Specification Item SP-100. The CONSULTANT will also maintain a submittal checklist, and track dates of submission and review.

**** If bid alternate is awarded, and additional fifteen (15) submittals are anticipated for the bid alternate elements of the bid documents.*

2.3 PHASE 2 PROJECT MEETINGS AND COMMUNICATION

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

2.3.1 Periodic and Weekly Construction Progress Meetings

The CONSULTANT will conduct periodic progress meetings during preliminary construction efforts prior to the main runway closure in addition to weekly meetings with the SPONSOR and Contractor to discuss safety, schedule, work progress, action items, documentation, reimbursable agreement/flight check coordination with FAA and SPONSOR, and other items as needed to keep construction on track. Subcontractors, subconsultant firms, and FAA representatives may also attend some of the meetings if appropriate. Up to fifteen (15) meetings are anticipated during Phase 2 as follows:

2.3.1.1 *Construction Phase 1* – up to six (6) periodic construction coordination meetings with up to four (4) members of the CONSULTANT team present (PM, SCPE, Construction Manager and RPR 2). It is anticipated three (3) meetings will be in-person and three (3) meeting will be virtual.

2.3.1.2 *Construction Phase 2* – up to six (6) weekly construction coordination meetings with up to two (2) members of the CONSULTANT team present (PM and SCPE). Note, Construction Manager and RPRs will be present and included in Phase 3 scope/budget. The meetings are anticipated to be held in-person at a location near the job site or airport administrative offices.

2.3.1.3 *Construction Phase 3* – up to three (3) weekly construction coordination meetings with up to two (2) members of the CONSULTANT team present (PM and SCPE). Note, Construction Manager and RPRs will be present and included in Phase 3 scope/budget. The meetings are anticipated to be held in-person at a location near the job site or airport administrative offices.

The CONSULTANT will prepare an agenda and minutes to support each meeting.

2.3.2 Site Visits During Construction

The CONSULTANT will conduct periodic site visits to review Project progress and monitor construction activities through substantial completion of the Construction Element (Phase 1-3). Up to five (5) site visits are anticipated during Phase 2. Up to two (2) members from the CONSULTANT team will attend each site visit (anticipated to consist of PM and SCPE).

*** *If bid alternate is awarded, one (1) additional site visit by the PM and SCPE will be conducted.*

2.3.3 General Communication with SPONSOR and Contractor

The CONSULTANT will communicate with the SPONSOR and Contractor throughout Phase 2 as needed via phone calls or email in addition to the meetings listed herein.

*** *If bid alternate is awarded, additional communication efforts for the bid alternate elements of the bid documents will be required.*

2.4 WEEKLY CALENDAR-DAY REPORTS

The CONSULTANT will prepare weekly calendar-day reports tracking contract time and submit to the Contractor for review. The reports will include days charged and documented weather, as well as identification of days not charged due to inclement weather or other justified delays. Up to fifteen (15) weekly calendar-day reports are anticipated for the Project.

2.5 WEEKLY FAA PROGRESS REPORTS

The CONSULTANT will prepare weekly FAA reports documenting the progress of the Project. The reports will be based on FAA form 5370-1, *Construction Progress and Inspection Report*, and include days charged, weather summary, percent completion, work in progress for current week and following week, summary of material testing, and problem areas if applicable. The CONSULTANT will also attach photographs documenting work completed. The CONSULTANT will sign each report and send to FAA. Up to fifteen (15) FAA weekly progress reports are anticipated for the Project.

2.6 REQUESTS FOR INFORMATION (RFIs)

The CONSULTANT will prepare written responses, as necessary, to Contractor RFIs to clarify design intent. Depending on the RFI, the response may require review of documentation not included in the Contract Documents, as well as coordination with and review by additional CONSULTANT staff, SPONSOR, or FAA. Up to fifteen (15) RFIs are anticipated for the Project.

*** *If bid alternate is awarded, up to an additional fifteen (15) RFIs are anticipated.*

2.7 GENERAL FIELD COORDINATION

In addition to formal RFIs, the CONSULTANT will respond to various questions and concerns that arise in the field. Depending on the issue, the response may require review of documentation not included in the Contract Documents, as well as coordination with and review by additional CONSULTANT staff, SPONSOR, or FAA. Regular communication and coordination between the PM, SCPE, CM and RPRs will also occur.

**** If bid alternate is awarded, additional field coordination efforts for the bid alternate elements of the bid documents will be required.*

2.8 REQUESTS FOR COST PROPOSALS (RFCPs)

The CONSULTANT will prepare RFCPs if additional work is anticipated or desired, either due to unforeseen site conditions, SPONSOR request for additional work, or other reasons as applicable. The RFCP(s) will include a description of change, quantity estimates, and exhibits as needed to illustrate the change. The CONSULTANT will send the RFCP to the Contractor to provide a cost proposal. The CONSULTANT and the SPONSOR will then review the cost proposal to determine if it is reasonable and follow up with negotiations, as necessary. The CONSULTANT will communicate the proposed change and cost to the FAA for their concurrence prior to authorizing the work. Depending on the determination, the CONSULTANT will prepare a field directive or change order as described below. Up to six (6) RFCPs are anticipated for this Project.

**** If bid alternate is awarded, up to an additional six (6) RFCPs are anticipated.*

2.9 FIELD DIRECTIVES

The CONSULTANT will prepare field directives as necessary to formalize direction that is not otherwise stated in the Project Plans or Specifications, or in a response to an RFI. Following the RFCP process above, the CONSULTANT will prepare a field directive authorizing the Contractor to proceed with work as described. The field directive will include a description of change, quantity estimates, and the related RFCP as applicable. If the field directive results in a change of quantities or cost, it will be followed with a change order as described below. Up to nine (9) field directives are anticipated for the Project.

**** If bid alternate is awarded, up to an additional six (6) FDs are anticipated.*

2.10 CONTRACT CHANGE ORDERS (CCOs)

Following the RFCP and field directive processes, the CONSULTANT will prepare CCOs to formalize the change to the Contract cost. The CCO will consist of a format that follows the guidance of FAA Standard Operating Procedure (SOP) 7.00, *Airport Improvement Program Construction Project Change Orders*. The FAA forms will include a table of the bid items that changed in quantity, or new bid items that were created to capture the CCO cost. The FAA form will also include additional pages containing the FAA-required justification items in accordance with SOP 7.00. Documentation to support the CCO will be attached to the forms, including but not limited to RFCPs, field directives, Contractor time-and-expense reports, emails, and exhibits. CCOs will be submitted to the SPONSOR and Contractor for review and signature and then the FAA forms will be submitted to the FAA by the CONSULTANT or the SPONSOR. CCOs that require new

design elements are not included in this scope of services. Up to three (3) FAA CCOs are anticipated for the Project.

**** If bid alternate is awarded, up to an additional one (1) CCO is anticipated.*

2.11 REVIEW OF QC/QA TEST RESULTS

The CONSULTANT will review test results provided by the Contractor and Material Testing Subconsultant to determine conformance with the Project Plans and Specifications. If test results are failing, the CONSULTANT will coordinate with the SPONSOR and Contractor to establish corrective actions. Depending on the nature of the testing, the CONSULTANT may need to coordinate with the FAA to determine appropriate actions.

**** If bid alternate is awarded, additional review of QC/QA test results will be required for bid alternate work elements.*

2.12 MONTHLY APPLICATIONS FOR PAYMENT

The CONSULTANT will track quantities on a weekly basis, based on RPR daily reports, and share with the Contractor for concurrence. At the beginning of each month, the CONSULTANT will review progress billings submitted by the Contractor, prepare applications for payment using a combination of SPONSOR and CONSULTANT standard forms, and submit to the SPONSOR for processing. The CONSULTANT will maintain a tracking spreadsheet with the bid items, showing work complete for previous periods, current period, and total to date. This spreadsheet will be attached to the application for payment each month. An explanation of variation between the contract and pay quantities (if any) will be provided. A subcontractor and tracking of DBE payments form will also be assembled and tracked as part of the pay application. FAA eligibility and delineation between FAA eligible portions and SPONSOR portions will be delineated on the pay application cover sheet. Up to eight (8) applications for payment are anticipated for the Project.

**** If bid alternate is awarded, additional pay applications are not anticipated, however, additional review time for bid alternate bid items will be required.*

2.13 SUBSTANTIAL COMPLETION WALK-THROUGH AND DOCUMENTATION

2.13.1 Substantial Completion Walk-Through

The CONSULTANT will schedule and conduct a walk-through with the SPONSOR and the Contractor to determine whether the Project has reached substantial completion and verify that the work is in reasonable conformance with the Plans and Specifications. The CONSULTANT will document items found to be deficient and will provide the Contractor with a list of those items, as stated in 2.13.2 below. The walk-through will be scheduled to occur at the end of construction when the Contractor is still on-site and can easily mobilize to complete punch list items. The PM and the CM will attend the walk-through (CM attendance as described in Phase 3). It is anticipated that a follow-up walk-through will be needed to review punch list items completed after the initial walk-through. The Construction Manager and SPONSOR will observe the completed Project during final marking application, and the SPONSOR will continue to monitor punch list items if needed after final marking application.

**** If bid alternate is awarded, walk-through will be concurrent with base bid work elements.*

2.13.2 Punch List and Substantial Completion Letter

Prior to the substantial completion walk-through, the PM will coordinate with the CM to identify punch list items. The CONSULTANT will prepare a punch list to define the deficient items and will continue to add and update items as they are identified and subsequently completed. The CONSULTANT will send each punch list update to the SPONSOR and Contractor. Upon completion of the walk-through, the CONSULTANT will prepare a substantial completion letter summarizing the findings of the walk-through and outstanding items remaining for Project closeout; the letter will include the current version of the punch list items. The CONSULTANT will submit this letter to the SPONSOR and Contractor.

**** If bid alternate is awarded, additional time will be required to review and develop punchlist for bid alternate work elements.*

PHASE 2 DELIVERABLES

- 1) Review of Contractor Submittals – electronic files to SPONSOR and Contractor
- 2) Weekly Construction Progress Meeting Minutes – electronic files to attendees
- 3) Weekly Working-Day Reports – electronic files to the SPONSOR and Contractor
- 4) Weekly FAA Progress Reports – electronic files to the SPONSOR and FAA
- 5) RFI Responses – electronic files to the SPONSOR and Contractor
- 6) RFCPs – electronic files to the SPONSOR and Contractor
- 7) Field Directives – electronic files to the SPONSOR and Contractor
- 8) CCOs – electronic files to the SPONSOR, Contractor, and FAA
- 9) Monthly Applications for Payment – electronic files to the SPONSOR
- 10) Punch List and Substantial Completion Letter – electronic files to SPONSOR and Contractor

PHASE 3 CONSTRUCTION OBSERVATION

3.1 DAILY CONSTRUCTION OBSERVATION

This task will include construction observation, coordination of material testing during construction, and on-site construction administration for the duration of the Project. A Construction Manager (CM) and multiple RPRs will be assigned to this Project. The CM and RPRs will have experience with civil improvement projects as required for the Project and will work with the PM to oversee the construction progress throughout the Project.

The duration for the Construction Element is anticipated to be in accordance with the table below and the proposed Construction Safety and Phasing Plan. Due to the operational impact of the construction improvements, the Project is scheduled to include contractor performing work seven (7) days a week, 20 hours per day with a 4-hour-down period for equipment maintenance. As such, the construction observation will include multi-staffed teams working 11- and 12-hour shifts as detailed in the table, for the duration of the Project Construction Phase 2. Anticipate durations for on-site work relating to Construction Phases 1 and 2 are also identified. The budget for construction observation has been developed based upon the table below, which includes two (2) additional days at the beginning and end of construction for set-up and clean-up of field office as well as construction staff communications. Please note, staff time/travel to and from the Project site is not

included in the table below. CM and RPR efforts assume the following for Construction Phase 2 during runway closure period:

- 1) Base Bid
 - a. CM on-site for 12-hour-shift, up to two (2) RPRs for morning 11-hour-shift and up to two (2) RPRs for afternoon/evening 11-hour- shift.
- 2) Bid Alternate No. 1 (additional staff beyond Base Bid staff)
 - a. Up to up to two (2) RPRs for morning 11-hour shift and one (1) RPR for afternoon/evening 11-hour shift.

	Duration (Days)	Shifts by Staff Classification					
		PM (11-hour shifts)	SCPE (11- hour shifts)	CM (12- hour shifts)	RPR 3 (11- hour shifts)	RPR 2 (11- hour shifts)	RPR 1 (11- hour shifts)
Phase 1							
Survey Verification	10					10	
Electrical Site Verification (BA Only)	4				4		
Asphalt Concrete Test Strips	2			2			
Electrical Homerun Construction	14				14		
Phase 2							
Base Bid Only	30	11	13	24	33	79	
Addition of Bid Alternate	32				25	22	20
Phase 3							
Base Bid	18				18		

The CM and RPRs will perform construction observation services including (as applicable), but not limited to, the following:

- a. Prepare daily reports to record the construction history of the Project. The reports will be made available to the SPONSOR upon request for review during inspections or visits. The daily reports will include, but not be limited to, the following information: weather conditions, number of Contractor / subcontractor personnel and major equipment onsite, general location of work, description of work items, estimated quantities, safety items, materials delivered, delays / issues (if applicable), QC/QA tests performed, failed tests (if any) and action taken, instructions to Contractors, record of visitors to Project and verbal or written instructions given, record of telephone conversations and any verbal instructions received or authorizations granted, engineering field force activity and hours worked, and detailed log of work completed throughout the day.
- b. Review and check layout and surveys conducted by the Contractor in accordance with the Plans and Specifications.
- c. Review construction activities for compliance with Plans and Specifications.
- d. Respond to Contractor questions that arise in the field and communicate with PM to coordinate direction.
- e. Evaluate and determine the acceptability of substitute materials and equipment proposed by the Contractor.
- f. Assist office staff with RFI review as applicable based on communication with Contractor regarding site conditions.
- g. Review field measurements.
- h. Monitor the Contractor's compliance with the CSPP and immediately bring any non-compliance issues to the attention of the Contractor and the SPONSOR.
- i. Monitor Contractor's compliance with the Contractor's QC Program.

- j. Assist PM in coordinating Material Testing subconsultant to perform QA testing as stated in Phase 4. Communicate with Contractor to facilitate the scheduling of QC testing.
- k. Assist PM in coordinating public outreach subconsultant efforts as stated in Phase 5.
- l. Attend weekly construction progress meetings as stated in Phase 2.
- m. Provide field information for office staff to prepare weekly FAA progress reports as stated in Phase 2.
- n. Conduct labor interviews to monitor Contractor's compliance with paying employees, in accordance with the Davis-Bacon Act requirements, and provide to SPONSOR for certified payroll review.
- o. Provide field information for office staff to prepare RFCPs, field directives, and CCOs as stated in Phase 2.
- p. Assist in preparing applications for payment as described in Phase 2. Throughout construction, the construction observation team will check quantities as work is performed and communicate with the Contractor to establish quantities that will be included in monthly progress billings.
- q. Work with Contractor to markup construction Plans with field changes if applicable and provide to office staff to prepare Record Drawings as described in Phase 6.
- r. Receive from Contractor and review the required maintenance and operating instructions, schedules, guarantees, bonds, inspection certificates, tests, approvals, and other relevant documents.
- s. Identify punch list items in advance of the substantial completion walk-through to support preparation of punch list as stated in Phase 2.
- t. Attend the substantial completion walk-through as stated in Phase 2.

This type of Project requires construction observation staff with experience in the construction oversight of airfield pavement improvement projects. For this reason, CONSULTANT staff will relocate for the duration of the Project. This scope assumes the work will be completed without weather delays. The travel and per diem cost included in the proposal, per staff, are as follows:

- 1) Food Per Diem –seven (7) days a week, for duration of the Project at a rate of \$59 per day (follows GSA guidelines).
- 2) Lodging, Actual Cost plus Markup—seven (7) days a week for duration of Project at a rate of \$150 per night (extended stay rate estimate) plus 15% markup.
- 3) Auto Rental, Actual Cost plus Markup –seven (7) days a week for duration of Project at a rate of \$95 per day (extended rental rate and includes fuel) plus 15% markup.

PHASE 4 MATERIAL TESTING

4.1 MATERIAL TESTING

The material testing services will be performed by subconsultant in conformance with the Project Specifications. The CONSULTANT will be responsible for coordinating and scheduling QA material testing with Material Testing subconsultant throughout the construction duration.

Material Testing Subconsultant will perform necessary acceptance tests in accordance with the cited requirements and standard methods of FAA, ASTM, and AASHTO; record test results on the appropriate forms; prepare a summary and disposition of testing and material inspection; record deviating tests; conduct material inspections and acceptance tests required by the FAA and

observe and evaluate such tests made by the Contractor in the field and laboratory as necessary in accordance with Plans and Specifications; and monitor Contractor's performance of the required quality control tests and furnish copies of test reports to the CONSULTANT, for CONSULTANT to provide to the SPONSOR. Any non-compliance issues shall immediately be reported to the Contractor and SPONSOR.

This scope assumes the following material testing and construction administration support.

- a. Review Contractor-submitted QC program and submittals (as necessary).
- b. Attend pre-construction conference (one conference only) and QC/QA workshop.
- c. Conduct site visits, provide recommendations, and perform testing for the following Items as described in the Project Specifications:

(1) Item P-156, Cement-Treated Subgrade:

- Visit site to evaluate existing subgrade / aggregate base mixture to be treated with cement, or a combination of both. Work with the CONSULTANT and Contractor to provide recommendations on the appropriate percentages of lime and cement for each area of differing subgrade conditions.
- Visit site to obtain sample of cement-treated material for compaction testing (up to 2 tests).
- Visit site to perform field density testing if needed to supplement QC testing (up to two tests).

**** If bid alternate is awarded, additional P-156 QA materials testing for bid alternate work elements (up to 2 additional tests).*

(2) Item P-209, Crushed Aggregate Base Course:

- Visit site to obtain sample of aggregate base for compaction testing (up to 2 tests).
- Visit site to perform field density testing if needed to supplement QC testing (up to 2 tests).

**** If bid alternate is awarded, additional P-209 QA materials testing for bid alternate work elements (up to 2 additional tests).*

(3) Item P-401 and P-403, Asphalt Mix Pavement:

- Review Contractor-submitted mix design for P-401 and P-403 Asphalt Mix Pavements.
- Attend pre-paving meeting.
- Visit site to monitor production paving (including checking paving method, temperature, rolling, and joint construction), perform random sampling for cores to be taken by Contractor; perform QA lab testing (up to 25 days of paving are anticipated).
- Produce test reports for each lot.
- Furnish a QA testing laboratory accredited in accordance with ASTM D3666. The QA laboratory accreditation will be current and listed on the accrediting authority's website. Test methods required for acceptance sampling and testing will be listed on the lab accreditation.

**** If bid alternate is awarded, additional P-401 QA materials testing for bid alternate work elements (up to 3 additional days of paving).*

(4) Item P-610, Concrete for Miscellaneous Structures:

- Review Contractor-submitted mix design for P-610 Concrete for Miscellaneous Structures.
- QA personnel on-site each day concrete is placed to perform QA testing required per section 610-4.1 of the Technical Specification. QA testing includes slump tests and compressive strength tests (up to 3 tests).
- Produce test reports for each day concrete is placed and for lab testing performed. Reports will be submitted to CONSULTANT.
- Furnish a QA testing laboratory accredited in accordance with ASTM C1077. The QA laboratory accreditation will be current and listed on the accrediting authority's website. Test methods required for acceptance sampling and testing will be listed on the lab accreditation.

**** If bid alternate is awarded, additional P-610 QA materials testing for bid alternate work elements (up to 2 additional tests).*

- d. Prepare final QA report summarizing and assembling the field and lab tests performed herein.

PHASE 4 DELIVERABLES

- 1) Quality Acceptance Reports – Electronic files to SPONSOR and Contractor

PHASE 5 PUBLIC OUTREACH SERVICES

The CONSULTANT will subcontract with Arellano Associates (AA) to develop and implement an appropriate public outreach program for the Project.

5.1 DEVELOP, ORGANIZE, AND FACILITATE PUBLIC OUTREACH MEETING

The CONSULTANT and AA will coordinate one (1) in-person public outreach informational meeting / workshop to provide an opportunity for the community to learn about and comment on the Project. The meeting will be held prior to the runway closure (Phase 2 Construction) to engage and inform the public. The focus of the meeting / workshop will be to provide information about the Project, share information about the Project's construction schedule, educate the public on the factors considered in the planning process, and provide a forum for stakeholders to ask questions. The workshop will offer updated Project information.

The CONSULTANT and AA will lead in the coordination and support of the meeting including coordination of the meeting time, location, scheduling of team calendars, organization of facility details, which could include in-person set-up / clean-up and photography. Meeting materials, including fact sheets, FAQ, sign-in sheets, comment forms, and directional signage will also be prepared and printed by AA. The CONSULTANT will provide large display boards, exhibits, and maps as needed, for the meeting. It is assumed that the SPONSOR will provide in-person meeting presentation equipment to include but not limited to laptop, HDMI cable, screen, projector, chairs, podium, audio equipment and tables, as needed, and handle venue costs and refreshments. AA will provide support presentation equipment for the in-person meeting, as directed and within budget. Meeting will include up to three CONSULTANT team staff (PM, SCEP, CM) and up to two (2) AA staff.

Following the meeting, AA will prepare a summary of the meeting that will include the number of participants, key stakeholders, and key issues and common themes raised by meeting attendees. All comments captured at the meeting will be recorded and input into a Comment Log.

Deliverables:

- a. Sign-in sheets / directional, as needed
- b. In-person meeting collateral
- c. Comment log
- d. Meeting summary reports, to include notification efforts, cumulative participation at meeting, materials presented, and photographs of meeting

5.2 DEVELOP NOTIFICATIONS FOR MEDIA AND STAKEHOLDERS

The CONSULTANT and AA will work with the Project Team to develop up to two (2) e-blast campaigns, local digital newspaper advertisements, press releases (as directed), geo fencing, and or social media campaigns to promote knowledge of the Project and the public meeting / workshop.

The notifications and/or advisories are anticipated to be released prior to the public workshop and at completion of the Project construction. It is assumed that the SPONSOR will maintain and provide the stakeholder database for notification of the workshop.

PHASE 5 DELIVERABLES:

- 1) Up to two (2) media/stakeholder notifications and/or advisories
- 2) Newspaper and briefing sheets
- 3) Press releases
- 4) Geo fencing / social media ads

PHASE 6 POST-CONSTRUCTION SERVICES

6.1 PHASE 6 PROJECT MANAGEMENT

Project management tasks during Phase 6 will consist of the following:

6.1.1 Update Schedule

The schedule created during Phase 1 will be updated to show Project closeout milestones.

6.1.2 Coordinate PMP Updates

The PM will continue to coordinate and monitor PMP during Phase 6.

6.1.3 Coordinate CONSULTANT Team

The PM will assign responsibilities to office staff to complete the documentation efforts described herein. The PM will also coordinate with the Construction Manager for providing field data to complete the documentation efforts described herein.

**** If bid alternate is awarded, additional CONSULTANT team coordination and efforts for the bid alternate elements of the bid documents will be required.*

6.1.4 Coordinate with Subconsultants

The PM will coordinate with subconsultants to complete final reports.

6.1.5 Prepare Invoices

The PM will continue to maintain the Project budget spreadsheet and prepare invoices as defined in Phase 1. It is anticipated that four (4) invoices will be prepared during Phase 6.

6.2 PHASE 6 COMMUNICATION

The CONSULTANT will communicate with the SPONSOR and Contractor throughout Phase 6 as needed via phone call or email.

**** If bid alternate is awarded, additional communication and coordination and efforts for the bid alternate elements of the bid documents will be required.*

6.3 RECORD DRAWINGS

The RPR and Contractor will coordinate throughout construction to document field constructed conditions, encountered existing utilities, and markup the construction Plans as stated in Phase 3. Upon completion of construction, the CONSULTANT will prepare the Record Drawings using AutoCAD Civil 3D 2020, by updating the drawing files created during design. The Drawings will become record information. The CONSULTANT will provide the SPONSOR with a set of reproducible Record Drawings in digital format.

**** If bid alternate is awarded, additional record drawing efforts for the bid alternate elements of the bid documents will be required.*

6.4 FINAL CONSTRUCTION REPORT (FCR)

Upon completion of construction, the CONSULTANT will prepare and assemble the FCR in conformance with FAA standards and requirements. The contents of the report will include, but are not limited to, the following:

- a. Project Description and Overview
- b. Project Personnel
- c. Contract Award and NTP (Including Bid Tabulation, Contract, and NTP Letters as Appendices)
- d. Project Timeline
- e. Summary of Work Accomplished (Including Table of Work Activities and Weeks Performed, as well as weekly FAA progress reports as Appendix)
- f. Contract Time
- g. Labor Provisions
- h. SPONSOR Administrative Costs
- i. CONSULTANT Costs
- j. Force Account (if applicable)
- k. Construction Costs (including Final Application for Payment and CCOs as Appendices)
- l. Summary of DBE Utilization (including Contractor's DBE Utilization Form as Appendix)
- m. Buy American Provisions (including Submittal Checklist as Appendix)
- n. Construction Material Testing and Acceptance (including QC and QA Test Results as Appendices)
- o. Contactor's Statement of Completion (including Contractor's Letter of Completion and Warranty as Appendix)

- p. Record of Completion (including Substantial Completion Letter and SPONSOR Notice of Completion as Appendices)
- q. FAA-Required Sponsor Certification of Final Construction Acceptance as Appendix. This certification will be signed by the SPONSOR.
- r. Recommendations

The CONSULTANT will coordinate with the Contractor, SPONSOR, and FAA to complete Project closeout activities and assemble the documents to be included in the FCR. The CONSULTANT will submit a draft version of the FCR for SPONSOR review. Upon receipt of SPONSOR review / comments, the CONSULTANT will finalize the FCR and submit to the SPONSOR and FAA.

**** If bid alternate is awarded, additional FCR efforts for the bid alternate elements of the bid documents will be required.*

6.5 AIRPORT LAYOUT PLAN (ALP) RECORD DRAWING UPDATE – NOT IN CONTRACT (NIC)

The SPONSOR will coordinate any updates to the ALP as part of a separate contract.

6.6 UPDATE AIRFIELD PAVEMENT MANAGEMENT SYSTEM (APMS)

The CONSULTANT will update the current APMS previously prepared by the CONSULTANT to reflect the pavement improvements completed in this Project, as well as updates to complete airfield. The methods and techniques used in preparation of the APMS shall be in conformance with Federal Aviation Administration (FAA) Advisory Circular (AC) 150/5380-7B, *Airport Pavement Management Program (PMP)*. The APMS is a set of defined procedures for collecting, analyzing, maintaining, and reporting pavement data. Federally obligated airports should perform a detailed inspection of airports every year, or every three years if a Pavement Condition Index (PCI) survey is performed. The APMS study will cover all City-owned pavement at the Airport. The APMS update will include the following:

6.6.1 Visual Condition Survey.

The CONSULTANT will conduct a visual condition survey of all City-maintained pavement area (airfield) to identify and quantify pavement distresses. The survey will consist of measuring length and area of various distresses as defined in the distress manuals provided with FAA AC 150/5380-7B.

6.6.2 Generate Pavement Condition Index Ratings.

The CONSULTANT will generate the current Pavement Condition Index (PCI) ratings for each paved area based upon the visual condition survey and the CONSULTANT'S judgement of the pavement condition. The CONSULTANT will utilize the FAA PAVEAIR PMP software to perform PCI calculations. PAVEAIR is a free, web-based solution that meets the requirements of FAA AC 150/5380-7B.

6.6.3 Maintenance Program and Costs.

Based upon the results of the pavement inspection and analysis, the CONSULTANT will prepare pavement improvement recommendations for the next five (5) years. The recommendations will include itemized cost estimates.

6.6.4 Aircraft Fleet Mix Analysis.

The CONSULTANT will use the fleet mix from the runway pavement design project. The previously accepted fleet mix will be the basis for the final PCR calculation and determination.

6.6.5 PCR Calculations.

The CONSULTANT will perform PCR calculations for all airfield pavements using the FAA FAARFIELD program in accordance with FAA AC 150/5335-5D, *Standardized Method of Reporting Airport Pavement Strength - PCR*.

6.6.6 Prepare Draft Airport Pavement Management System (APMS) Report.

The CONSULTANT shall prepare a draft report detailing analysis and recommendations. The contents of the APMS report will be as follows:

- a) Pavement history
- b) Visual condition summary, including distress descriptions and photos for each area
- c) Pavement condition summary, including PCI ratings for each area
- d) Pavement maintenance recommendations, including itemized cost estimates

Exhibits will also be attached to the report, which will include the following:

- a) Pavement feature map
- b) Pavement section history table
- c) Pavement distress table
- d) Pavement condition map
- e) Maintenance history and programming table
- f) Recommended projects map
- g) PCR evaluation report

6.6.7 Final APMS Report.

After the SPONSOR's review, the CONSULTANT will incorporate the SPONSOR's comments, finalize, and provide two (2) hard copies and an electronic copy of the final report to the SPONSOR.

6.7 UPDATE AIRFIELD SIGNAGE AND MARKING PLAN

The CONSULTANT will update the SPONSOR's signage and marking plan to incorporate the updated signage and pavement markings (including MAGVAR) completed in this Project, including an 11x17 plan set and large-format poster.

6.8 AGIS AS-BUILT SURVEY – NIC

Due to the nature of Project improvements, an AGIS survey will not be performed or required by the FAA as part of this Project.

PHASE 6 DELIVERABLES

- 1) Record Drawings – reproducible hardcopy and electronic files to SPONSOR
- 2) FCR – electronic file to SPONSOR and FAA
- 3) APMS Update –electronic files to SPONSOR
- 4) Signage and Marking Plan – reproducible hardcopy and electronic files (11x17 plans and poster)

SCHEDULE OF COMPLETION

Phases 1-5

The CONSULTANT will complete the work called for under Phases 1-5 on a schedule submitted by the Contractor and approved by the SPONSOR.

Phase 6

The CONSULTANT will complete the work called for under Phase 6 within 50 working days of the receipt of a copy of the Notice of Completion filed by the SPONSOR.

SERVICES TO BE PROVIDED BY THE SPONSOR AND EXCLUDED SERVICES

The SPONSOR and CONSULTANT agree that the following items will be provided by the SPONSOR or excluded from this scope and, if added to the CONSULTANT's work, will be considered as extra services and a negotiated fee will be established, and an Amendment prepared:

- 1) Issuing of Notices to Airmen (NOTAMS) and announcements regarding the impact of the Project on aviation activities.
- 2) Guaranteed access to and make provisions for the CONSULTANT to enter the Airport as required for the CONSULTANT to perform his work under this Agreement.
- 3) Examination of documents requested by the SPONSOR and presented by the CONSULTANT and render in writing decisions pertaining thereto within a reasonable time so as not to delay the work of the CONSULTANT.
- 4) Review of Certified Payroll submitted by the Contractor.
- 5) Any environmental surveys.
- 6) Contract change orders that require new design elements beyond the scope of the awarded contract.
- 7) Extensions of construction time beyond the awarded contract timeframes.
- 8) FAA grant reimbursement submission.
- 9) Timely review of CONSULTANT-provided items for SPONSOR review to avoid construction delays/impacts.
- 10) SPONSOR filing of the Notice of Completion.

COMPENSATION FOR SERVICES

- 1) The **total** amount for CONSULTANT's services described in this Scope of Services is One Million Three Hundred Thirty-One Thousand Two Hundred and Thirty-Three Dollars (\$1,331,233) for the Base Bid, and Three Hundred Eighty-Five Thousand Six Hundred Twenty-Six Dollars (\$388,626) for Bid Alternate 1, for a combined total of One Million Seven Hundred Sixteen Thousand Eight Hundred Fifty-Nine Dollars (\$1,716,859). This fee includes labor, materials, expenses, and incidentals necessary to complete the work as described herein. Cost and payment are broken out as follows:
 - a. **Time-and-expense**: Payment for work outlined in **Phases 1, 2, 3, 4, and 5** of this Scope of Services shall be made on a time-and-expense basis not-to-exceed One Million Five Hundred Ninety Thousand Two Hundred Sixty-Eight Dollars (\$1,590,268). Payments shall be made monthly based on the hours of work complete, in conformance with the Mead & Hunt, Inc. Standard Billing Rate Schedule, effective January 1, 2025, included as *Exhibit C*.

- b. **Lump Sum:** Payment for work outlined in **Phase 6** of this Scope of Services shall be a lump sum fee of One Hundred Twenty-Six Thousand Five Hundred Ninety-One Dollars (\$126,591). Payments will be made monthly based on the percentage of work complete.

These amounts shall not be exceeded without written authorization from the SPONSOR. The cost breakdown is included as *Exhibit B*.

- 2) Payment for any additional services requested by the SPONSOR will be performed on a time-and-expense basis in conformance with the Mead & Hunt, Inc. Standard Billing Rate Schedule, effective January 1, 2025, included as *Exhibit C*. The CONSULTANT will establish the budget for additional services prior to the start of work and may not exceed the budget without written authorization from the SPONSOR. Any additional services must be authorized in writing by the SPONSOR.

End of Scope of Services

Respectfully submitted by,

MEAD & HUNT, Inc.

-DRAFT-

Alex Radovanovich, PE
Project Manager

Exhibits

Exhibit B – Construction Administration Cost Estimate

Exhibit C - Mead & Hunt, Inc. Standard Billing Rate Schedule (2025)

BASE BID

**Redding Regional Airport
Runway 16-34 and Taxiway Connectors Rehabilitation and MAGVAR Improvements
Construction Administration Services**

Date: 4/1/2025

PHASES and TASKS		Mead & Hunt (labor hours and rates)														Subconsultant fee + 15% markup		Expenses								Total Cost	
		Senior Associate	Senior Civil Project Engineer	Senior Engineer / Project Manager	Construction Manager	OVERTIME Construction Manager	RPR 3	OVERTIME RPR 3	RPR 2	OVERTIME RPR 2	RPR 1	OVERTIME RPR 1	Engineer III	Engineer I	Administrative Assistant	Clerical	CGI Technical Services	Arellano Associates	Mileage (Per Mile)	Rental Car (Per Day)	Airfare (Per Trip)	Lodging (Per Day)	Meals (Per Diem)	Meals (Per Meal)	Reproduction and Shipping		
		\$362	\$298	\$240	\$240	\$277	\$194	\$224	\$172	\$199	\$154	\$178	\$184	\$154	\$132	\$104	1	1	\$0.700	\$111	\$555	\$175	\$68	\$24	1		
PHASE 1 - PRE-CONSTRUCTION SERVICES																											
1.1	Phase 1 Project Management and Coordination																										
1.1.1	Prepare Contract and Project Setup	1		2											3											\$ 1,238.00	
1.1.2	Prepare Schedule			2	4																					\$ 1,440.00	
1.1.3	Prepare Project Management Plan (PMP)			4	4							8		2												\$ 3,656.00	
1.1.4	Coordinate CONSULTANT Team	1	2	8	10		2		2		2	2	2	2												\$ 7,258.00	
1.1.5	Coordinate Subconsultant(s)	2		6	4									6												\$ 3,916.00	
1.1.6	Prepare Invoices			1.5								2		1.5												\$ 926.00	
1.2	Phase 1 Project Meetings and Communication																										
1.2.1	Pre-Construction Conferences		24	28	18			28						2					2	1	1		14			\$ 24,560.00	
1.2.2	Quality Control (QC) / Quality Assurance (QA) Workshop		1.5	1.5	1.5			1.5																		\$ 1,425.00	
1.2.3	General Communication with SPONSOR and Contractor	4	16	24	24							4		4												\$ 19,000.00	
1.3	Prepare Project Documentation			1	2								8	16	2											\$ 4,272.00	
1.4	Prepare Issued for Construction Plans and Specifications		6	12	6							30	42	8	1											\$ 19,256.00	
1.5	Prepare Construction Management Plan (CMP)			2								16	6	4												\$ 4,876.00	
	Phase 1 Subtotal	8	49.5	92	73.5	0	2	0	31.5	0	2	0	62	58	48.5	3	\$ -	\$ -	0	2	1	1	0	14	\$ -	\$ 91,823.00	
PHASE 2 - CONSTRUCTION ADMINISTRATION (CA) SERVICES																											
2.1	Phase 2 Project Management and Coordination																										
2.1.1	Schedule Coordination	6		16	24									1												\$ 11,904.00	
2.1.2	Coordinate PMP Updates			1								2		1												\$ 740.00	
2.1.3	Coordinate CONSULTANT Team	2	1	4	8		2		2					1												\$ 5,074.00	
2.1.4	Coordinate Subconsultants			8	6																					\$ 3,360.00	
2.1.5	Prepare Invoices			2.5								3		2.5												\$ 1,482.00	
2.2	Review Material Submittals - Up to 25 Anticipated	4	12	20								38														\$ 15,864.00	
2.3	Phase 2 Project Meetings and Communication																										
2.3.1	Periodic and Weekly Construction Progress Meetings		66	72	42			36											11		3	3	62			\$ 56,658.00	
2.3.2	Site Visits During Construction		80	80															10		10		30			\$ 46,620.00	
2.3.3	General Communication with SPONSOR and Contractor	8	36	54	16																					\$ 30,424.00	
2.4	Weekly Calendar-Day Reports - Up to 15 Anticipated			7										7												\$ 2,604.00	
2.5	Weekly FAA Progress Reports - Up to 15 Anticipated			7								15		8												\$ 5,496.00	
2.6	Requests for Information (RFIs) - Up to 15 Anticipated	1	4	10	15							10		7												\$ 10,318.00	
2.7	General Field Coordination	14	24	42	24		8		6		6	16		4												\$ 35,040.00	
2.8	Requests for Cost Proposals (RFCPs) - Up to 6 Anticipated	3	9	12	9		6					12		6												\$ 12,972.00	
2.9	Field Directives - Up to 9 Anticipated	2	6	9	18							18		9												\$ 13,492.00	
2.10	Contract Change Orders (CCOs) - Up to 3 Anticipated	3	6	12	15		2					12		4.5												\$ 12,544.00	
2.11	Review of QC/QA Test Results	2	4	24	10							16														\$ 13,020.00	
2.12	Monthly Applications for Payment - Up to 8 Anticipated		2	16	8							24		8												\$ 11,828.00	
2.13	Substantial Completion Walk-Through and Documentation																										
2.13.1	Substantial Completion Walk-Through			16															2		1	5				\$ 4,577.00	
2.13.2	Punch List and Substantial Completion Letter		1	4										1												\$ 1,390.00	
	Phase 2 Subtotal	41	243	408.5	215	0	18	0	44	0	8	0	166	0	60	0	\$ -	\$ -	0	23	0	14	8	92	\$ -	\$ 295,407.00	
PHASE 3 - CONSTRUCTION OBSERVATION																											
3.1	Daily Construction Observation		140	170	245	105	535	210	670	270					16					226	3	226	226			\$ 573,538.00	
	Phase 3 Subtotal	0	140	170	245	105	535	210	670	270	0	0	0	0	0	16	\$ -	\$ -	0	226	3	226	226	0	\$ -	\$ 573,538.00	

BASE BID																										
Redding Regional Airport																										
Runway 16-34 and Taxiway Connectors Rehabilitation and MAGVAR Improvements																										
Construction Administration Services																										
Date: 4/1/2025																										
PHASES and TASKS		Mead & Hunt (labor hours and rates)														Subconsultant fee + 15% markup		Expenses								Total Cost
		Senior Associate	Senior Civil Project Engineer	Senior Engineer / Project Manager	Construction Manager	OVERTIME Construction Manager	RPR 3	OVERTIME RPR 3	RPR 2	OVERTIME RPR 2	RPR 1	OVERTIME RPR 1	Engineer III	Engineer I	Administrative Assistant	Clerical	CGI Technical Services	Arellano Associates	Mileage (Per Mile)	Rental Car (Per Day)	Airfare (Per Trip)	Lodging (Per Day)	Meals (Per Diem)	Meals (Per Meal)	Reproduction and Shipping	
		\$362	\$298	\$240	\$240	\$277	\$194	\$224	\$172	\$199	\$154	\$178	\$184	\$154	\$132	\$104	1	1	\$0.700	\$111	\$555	\$175	\$68	\$24	1	
PHASE 4 - MATERIAL TESTING																										
4.1	Material Testing																\$ 225,802.50									\$ 225,802.50
	Phase 4 Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ 225,802.50	\$ -	0	0	0	0	0	0	\$ -	\$ 225,802.50
PHASE 5 - PUBLIC OUTREACH SERVICES																										
5.1	Develop, Organize, and Facilitate Public Outreach Meeting		18	22	18							4		2			\$ 17,818.50		2	1	3		12		\$ 35,372.50	
5.2	Develop Notifications for Media and Stakeholders		1	4	2							4		1			\$ 2,583.00								\$ 5,189.00	
	Phase 5 Subtotal	0	19	26	20	0	0	0	0	0	0	8	0	3	0	\$ -	\$ 20,401.50	0	2	1	3	0	12	\$ -	\$ 40,561.50	
PHASE 6 - POST CONSTRUCTION SERVICES																										
6.1	Phase 6 Project Management																									
6.1.1	Update Schedule		1	1	0.5							1													\$ 842.00	
6.1.2	Coordinate PMP Updates			1										0.5											\$ 306.00	
6.1.3	Coordinate CONSULTANT Team		0.5	2	0.5							0.5		0.5											\$ 907.00	
6.1.4	Coordinate Subconsultants			1								2													\$ 608.00	
6.1.5	Prepare Invoices			2								2		2											\$ 1,112.00	
6.2	Phase 6 Communication	2	4	12	24							16		4	1										\$ 14,132.00	
6.3	Record Drawings		4	16	16							24	52		1									\$ 1,200.00	\$ 22,600.00	
6.4	Final Construction Report (FCR)		2	4	8							24	4	2	1										\$ 8,876.00	
6.5	Airport Layout Plan (ALP) Record Drawing Update - NIC																								\$ -	
6.6	Update Airfield Pavement Management System (APMS)																									
6.6.1	Visual Condition Survey			6								30	30												\$ 11,580.00	
6.6.2	Generate Pavement Condition Index Ratings		2	2								8	2												\$ 2,856.00	
6.6.3	Maintenance Program and Costs			8								32	12												\$ 9,656.00	
6.6.4	Aircraft Fleet Mix Analysis			1								4													\$ 976.00	
6.6.5	PCR Calculations			10								36	12												\$ 10,872.00	
6.6.6	Prepare Draft APMS Report		4	14								24	8	6											\$ 10,992.00	
6.6.7	Final APMS Report		2	4								6	2	2	1										\$ 3,336.00	
6.7	Update Airfield Signage and Marking Plan		2	4								6	10											\$ 250.00	\$ 4,450.00	
6.8	AGIS As-Built Survey - NIC																								\$ -	
	Phase 6 Subtotal	2	21.5	88	49	0	0	0	0	0	0	215.5	132	17	4	\$ -	\$ -	0	0	0	0	0	0	\$ 1,450.00	\$ 104,101.00	
	TOTAL BASE BID BUDGET																									\$ 1,331,233.00

BID ALTERNATE 1

Redding Regional Airport
Runway 16-34 and Taxiway Connectors Rehabilitation and MAGVAR Improvements
Construction Administration Services

Date: 4/1/2025

PHASES and TASKS		Mead & Hunt (labor hours and rates)													Subconsultant fee + 15% markup		Expenses								Total Cost			
		Senior Associate	Senior Civil Project Engineer	Senior Engineer / Project Manager	Construction Manager	OVERTIME Construction Manager	RPR 3	OVERTIME RPR 3	RPR 2	OVERTIME RPR 2	RPR 1	OVERTIME RPR 1	Engineer III	Engineer I	Administrative Assistant	Clerical	CGI Technical Services	Arellano Associates	Mileage (Per Mile)	Rental Car (Per Day)	Airfare (Per Trip)	Lodging (Per Day)	Meals (per Diem)	Meals (Per Meal)		Reproduction and Shipping		
		\$362	\$298	\$240	\$240	\$277	\$194	\$224	\$172	\$199	\$154	\$178	\$184	\$154	\$132	\$104	1	1	\$0.700	\$111	\$555	\$175	\$68	\$24		1		
PHASE 1 - PRE-CONSTRUCTION SERVICES																												
1.1	Phase 1 Project Management and Coordination																											
1.1.1	Prepare Contract and Project Setup																											
1.1.2	Prepare Schedule																											
1.1.3	Prepare Project Management Plan (PMP)																											
1.1.4	Coordinate CONSULTANT Team	0.5	1	4	5	1		1		1		1	1	1												\$	3,629.00	
1.1.5	Coordinate Subconsultant(s)																										\$	-
1.1.6	Prepare Invoices																										\$	-
1.2	Phase 1 Project Meetings and Communication																											
1.2.1	Pre-Construction Conferences					18													1	1				4		\$	4,254.00	
1.2.2	Quality Control (QC) / Quality Assurance (QA) Workshop					1.5																				\$	291.00	
1.2.3	General Communication with SPONSOR and Contractor	2	8	12	12							2		2												\$	9,500.00	
1.3	Prepare Project Documentation			0.5	1								4	8	1											\$	2,136.00	
1.4	Prepare Issued for Construction Plans and Specifications		4	8	4							12	20	4												\$	9,888.00	
1.5	Prepare Construction Management Plan (CMP)																									\$	-	
	Phase 1 Subtotal	2.5	13	24.5	22	0	20.5	0	1	0	1	0	15	25	15	1	\$ -	\$ -	0	1	1	0	0	4	\$ -	\$	29,698.00	
PHASE 2 - CONSTRUCTION ADMINISTRATION (CA) SERVICES																												
2.1	Phase 2 Project Management and Coordination																											
2.1.1	Schedule Coordination	2		6	10									0.5												\$	4,630.00	
2.1.2	Coordinate PMP Updates			0.5										0.5												\$	186.00	
2.1.3	Coordinate CONSULTANT Team																									\$	-	
2.1.4	Coordinate Subconsultants			1	2																					\$	720.00	
2.1.5	Prepare Invoices																									\$	-	
2.2	Review Material Submittals - Up to 15 Anticipated (Additional)	2	9	12								22														\$	9,684.00	
2.3	Phase 2 Project Meetings and Communication																											
2.3.1	Periodic and Weekly Construction Progress Meetings																									\$	-	
2.3.2	Site Visits During Construction		16	16															2					6		\$	8,974.00	
2.3.3	General Communication with SPONSOR and Contractor	4	18	27	8																					\$	15,212.00	
2.4	Weekly Calendar-Day Reports																									\$	-	
2.5	Weekly FAA Progress Reports																									\$	-	
2.6	Requests for Information (RFIs) - Up to 15 Anticipated (Additional)	1	4	10	15							10		7												\$	10,318.00	
2.7	General Field Coordination	7	12	21	12	4		3		3		8		2												\$	17,520.00	
2.8	Requests for Cost Proposals (RFCPs) - Up to 6 Anticipated (Additional)	3	9	12	9	6						12		6												\$	12,972.00	
2.9	Field Directives - Up to 6 Anticipated (Additional)	1	4	6	12							12		6												\$	8,874.00	
2.10	Contract Change Orders (CCOs) - Up to 1 Anticipated (Additional)	1	2	4	5	1						4		1.5												\$	4,246.00	
2.11	Review of QC/QA Test Results	2	4	24	10							16														\$	13,020.00	
2.12	Monthly Applications for Payment		2	8	6							24		8												\$	9,428.00	
2.13	Substantial Completion Walk-Through and Documentation																											
2.13.1	Substantial Completion Walk-Through																									\$	-	
2.13.2	Punch List and Substantial Completion Letter		1	4										1												\$	1,390.00	
	Phase 2 Subtotal	21	74	148.5	101	0	11	0	3	0	3	0	108	0	32.5	0	\$ -	\$ -	0	2	0	0	0	6	\$ -	\$	117,174.00	
PHASE 3 - CONSTRUCTION OBSERVATION																												
3.1	Daily Construction Observation																											
	Phase 3 Subtotal	0	0	0	0	0	300	75	270	70	176	60	0	0	0	0	\$ -	\$ -	0	75	0	75	75	0	\$ -	\$	199,704.00	

BID ALTERNATE 1

Redding Regional Airport
Runway 16-34 and Taxiway Connectors Rehabilitation and MAGVAR Improvements
Construction Administration Services

Date: 4/1/2025

PHASES and TASKS	Mead & Hunt (labor hours and rates)															Subconsultant fee + 15% markup		Expenses								Total Cost	
	Senior Associate	Senior Civil Project Engineer	Senior Engineer / Project Manager	Construction Manager	OVERTIME Construction Manager	RPR 3	OVERTIME RPR 3	RPR 2	OVERTIME RPR 2	RPR 1	OVERTIME RPR 1	Engineer III	Engineer I	Administrative Assistant	Clerical	CGI Technical Services	Arellano Associates	Mileage (Per Mile)	Rental Car (Per Day)	Airfare (Per Trip)	Lodging (Per Day)	Meals (Per Diem)	Meals (Per Meal)	Reproduction and Shipping			
	\$362	\$298	\$240	\$240	\$277	\$194	\$224	\$172	\$199	\$154	\$178	\$184	\$154	\$132	\$104	1	1	\$0.700	\$111	\$555	\$175	\$68	\$24	1			
PHASE 4 - MATERIAL TESTING																											
4.1	Material Testing																\$ 16,560.00									\$ 16,560.00	
	Phase 4 Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ 16,560.00	\$ -	0	0	0	0	0	0	\$ -	\$ 16,560.00		
PHASE 5 - PUBLIC OUTREACH SERVICES																											
5.1	Develop, Organize, and Facilitate Public Outreach Meeting																								\$ -		
5.2	Develop Notifications for Media and Stakeholders																								\$ -		
	Phase 5 Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	0	0	0	0	0	0	\$ -	\$ -		
PHASE 6 - POST CONSTRUCTION SERVICES																											
6.1	Phase 6 Project Management																										
6.1.1	Update Schedule																								\$ -		
6.1.2	Coordinate PMP Updates																								\$ -		
6.1.3	Coordinate CONSULTANT Team			0.5								1													\$ 304.00		
6.1.4	Coordinate Subconsultants																								\$ -		
6.1.5	Prepare Invoices																								\$ -		
6.2	Phase 6 Communication	2	1	6	10							6	2												\$ 6,274.00		
6.3	Record Drawings		2	6	6							12	30											\$ 1,400.00	\$ 11,704.00		
6.4	Final Construction Report (FCR)		1	2	4							8	4	1											\$ 3,958.00		
6.5	Airport Layout Plan (ALP) Record Drawing Update - NIC																								\$ -		
6.6	Update Airfield Pavement Management System (APMS)																										
6.6.1	Visual Condition Survey																								\$ -		
6.6.2	Generate Pavement Condition Index Ratings																								\$ -		
6.6.3	Maintenance Program and Costs																								\$ -		
6.6.4	Aircraft Fleet Mix Analysis																								\$ -		
6.6.5	PCR Calculations																								\$ -		
6.6.6	Prepare Draft APMS Report																								\$ -		
6.6.7	Final APMS Report																								\$ -		
6.7	Update Airfield Signage and Marking Plan																							\$ 250.00	\$ 250.00		
6.8	AGIS As-Built Survey - NIC																								\$ -		
	Phase 6 Subtotal	2	4	14.5	20	0	0	0	0	0	0	27	36	1	0	\$ -	\$ -	0	0	0	0	0	0	\$ 1,650.00	\$ 22,490.00		
	TOTAL BASE BID BUDGET																										\$ 385,626.00

MEAD & HUNT, Inc.
Standard Billing Rate Schedule
Effective January 1, 2025

Standard Billing Rates

• Clerical	\$104.00 / hour
• Technical Editor	\$138.00 / hour
• Accounting, Administrative Assistant	\$132.00 / hour
• Technician I, Technical Writer	\$122.00 / hour
• Technician II, Surveyor - Instrument Person	\$140.00 / hour
• Technician III	\$164.00 / hour
• Technician IV	\$174.00 / hour
• Senior Technician	\$216.00 / hour
• Engineer I, Scientist I, Architect I, Interior Designer I, Planner I	\$154.00 / hour
• Engineer II, Scientist II, Architect II, Interior Designer II, Planner II	\$172.00 / hour
• Engineer III, Scientist III, Architect III, Interior Designer III, Planner III	\$184.00 / hour
• Construction Resident Project Representative (RPR)	\$194.00 / hour
• Senior Engineer, Senior Scientist, Senior Architect, Senior Interior Designer, Senior Planner, Construction Manager	\$240.00 / hour
• Project Engineer, Project Scientist, Project Architect, Project Interior Designer, Project Planner	\$260.00 / hour
• Senior Project Engineer, Senior Project Scientist, Senior Project Architect, Senior Project Interior Designer Senior Project Planner	\$298.00 / hour
• Senior Associate, Principal, Senior Client / Project Manager	\$362.00 / 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*
- 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, 2025, and will remain in effect until December 31, 2025, unless unforeseen increases in operational costs are encountered. We reserve the right to change rates to reflect such increases.

Exhibit D

Project Bid Tabulation

BID TABULATION FOR:**Redding Regional Airport Runway 16-34 & Taxiway Connector Rehabilitation & MAGVAR Improvements****Bid Schedule No.: 5451****9944-33**

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S EST		Redding Airport Constructors	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Airfield Safety and Traffic Control	LS	1	\$465,000.00	\$465,000.00	\$2,150,000.00	\$2,150,000.00
2	Construction Staking and Survey Layout	LS	1	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
3	Temporary Haul Route Improvements	LS	1	\$20,000.00	\$20,000.00	\$125,000.00	\$125,000.00
4	Airport Access and Haul Route Repair	CY	400	\$65.00	\$26,000.00	\$100.00	\$40,000.00
5	Contractor Quality Control Program (CQCP)	LS	1	\$335,000.00	\$335,000.00	\$1,175,000.00	\$1,175,000.00
6	Prepare Storm Water Pollution Prevention Plan (SWPPP)	LS	1	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00
7	Implement Storm Water Pollution Prevention Plan (SWPPP)	LS	1	\$75,000.00	\$75,000.00	\$175,000.00	\$175,000.00
8	Mobilization	LS	1	\$1,479,000.00	\$1,479,000.00	\$2,000,000.00	\$2,000,000.00
9	Engineer/RPR Field Office	LS	1	\$80,000.00	\$80,000.00	\$200,000.00	\$200,000.00
10	Install Runway Threshold Survey Monument	EA	2	\$3,500.00	\$7,000.00	\$20,000.00	\$40,000.00
11	Remove and Salvage Runway / Taxiway Light Fixture, and Transformer	EA	73	\$500.00	\$36,500.00	\$700.00	\$51,100.00
12	Remove Runway Light Base Can and Transformer, Salvage Light Fixture	EA	16	\$780.00	\$12,480.00	\$800.00	\$12,800.00
13	Asphalt Pavement Removal	SY	10110	\$9.50	\$96,045.00	\$10.00	\$101,100.00
14	Cold Milling, 4-inch Depth and Stockpile On-site	SY	119330	\$8.00	\$954,640.00	\$11.00	\$1,312,630.00
15	Cold Milling, 2-inch Depth and Stockpile On-site	SY	13680	\$7.00	\$95,760.00	\$5.00	\$68,400.00
16	Cold Milling, Variable Depth Transition and Stockpile On-site	SY	22090	\$11.00	\$242,990.00	\$1.00	\$22,090.00
17	Crack Repair	LF	30000	\$2.50	\$75,000.00	\$2.00	\$60,000.00
18	Daily Crack Repair Mobilization	EA	35	\$4,000.00	\$140,000.00	\$2,000.00	\$70,000.00
19	Asphalt Pavement Repair	CY	1400	\$60.00	\$84,000.00	\$150.00	\$210,000.00
20	Unclassified Excavation and Stockpile On-Site"	CY	2040	\$85.00	\$173,400.00	\$125.00	\$255,000.00

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BID TABULATION FOR:**Redding Regional Airport Runway 16-34 & Taxiway Connector Rehabilitation & MAGVAR Improvements****Bid Schedule No.: 5451****9944-33**

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S EST		Redding Airport Constructors	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
21	Subgrade Preparation	SY	13480	\$4.50	\$60,660.00	\$1.00	\$13,480.00
22	RSA Grading	SY	1170	\$12.00	\$14,040.00	\$10.00	\$11,700.00
23	Cement Treated Subgrade, 16-inch Depth	SY	10110	\$22.00	\$222,420.00	\$25.00	\$252,750.00
24	In-Place Drying of Subgrade	SY	2530	\$8.00	\$20,240.00	\$2.00	\$5,060.00
25	Excavation of Unsuitable Subgrade	CY	680	\$65.00	\$44,200.00	\$100.00	\$68,000.00
26	Multi-axial Geogrid	SY	2030	\$5.00	\$10,150.00	\$15.00	\$30,450.00
27	Recycled Base	CY	1140	\$85.00	\$96,900.00	\$150.00	\$171,000.00
28	Crushed Aggregate Base Course	CY	2710	\$90.00	\$243,900.00	\$175.00	\$474,250.00
29	Asphalt Surface Course	TON	34640	\$185.00	\$6,408,400.00	\$175.00	\$6,062,000.00
30	Asphalt Mixture Leveling Course	TON	12750	\$175.00	\$2,231,250.00	\$175.00	\$2,231,250.00
31	Asphalt Mixture Leveling Course for Asphalt Pavement Repair	TON	3650	\$195.00	\$711,750.00	\$175.00	\$638,750.00
32	Emulsified Asphalt Tack Coat	TON	122	\$1,200.00	\$146,400.00	\$2,000.00	\$244,000.00
33	Marking, Initial Application, White with Reflective Media	SF	92300	\$1.30	\$119,990.00	\$1.50	\$138,450.00
34	Marking, Final Application, White with Reflective Media	SF	92300	\$1.00	\$92,300.00	\$1.00	\$92,300.00
35	Marking, Initial Application, White without Reflective Media	SF	52000	\$1.00	\$52,000.00	\$0.75	\$39,000.00
36	Marking, Final Application, White without Reflective Media	SF	52000	\$0.85	\$44,200.00	\$0.75	\$39,000.00
37	Marking, Initial Application, Yellow with Reflective Media	SF	8000	\$1.30	\$10,400.00	\$2.50	\$20,000.00
38	Marking, Final Application, Yellow with Reflective Media	SF	8000	\$1.00	\$8,000.00	\$2.25	\$18,000.00
39	Marking, Initial Application, Yellow without Reflective Media	SF	6500	\$1.00	\$6,500.00	\$1.50	\$9,750.00
40	Marking, Final Application, Yellow without Reflective Media	SF	6500	\$0.85	\$5,525.00	\$1.00	\$6,500.00
41	Marking, Single Application, Yellow with Reflective Media	SF	4800	\$1.00	\$4,800.00	\$4.00	\$19,200.00

BID TABULATION FOR:**Redding Regional Airport Runway 16-34 & Taxiway Connector Rehabilitation & MAGVAR Improvements****Bid Schedule No.: 5451****9944-33**

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S EST		Redding Airport Constructors	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
42	Marking, Single Application, Yellow without Reflective Media	SF	4300	\$0.85	\$3,655.00	\$1.50	\$6,450.00
43	Marking, Single Application, Black	SF	79300	\$0.85	\$67,405.00	\$1.00	\$79,300.00
44	Surface Painted Signs, Initial Application with Reflective Media	SF	3630	\$8.50	\$30,855.00	\$10.00	\$36,300.00
45	Surface Painted Signs, Final Application with Reflective Media	SF	3630	\$8.50	\$30,855.00	\$6.00	\$21,780.00
46	Storm Drain Pipe, 12-inch, RCP Class III	LF	240	\$210.00	\$50,400.00	\$400.00	\$96,000.00
47	Removal of Foreign Substances/contaminates	SF	43300	\$3.00	\$129,900.00	\$1.00	\$43,300.00
48	Grooving	SY	100900	\$4.50	\$454,050.00	\$4.00	\$403,600.00
49	Seeding	ACRE	10	\$10,500.00	\$105,000.00	\$6,000.00	\$60,000.00
50	Remove Miscellaneous Airfield Electrical Components	LS	1	\$12,000.00	\$12,000.00	\$50,000.00	\$50,000.00
51	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in Duct Bank or Conduit	LF	580	\$3.00	\$1,740.00	\$5.00	\$2,900.00
52	Concrete Encased, Electrical Conduit, 1-Way 2-Inch Sch 40 PVC, Type 1 Trench	LF	370	\$100.00	\$37,000.00	\$60.00	\$22,200.00
53	No. 6 AWG, Solid, Bare Counterpoise Wire, Installed in Trench Above Duct Bank or Conduit, Including Ground Rods and Ground Connectors	LF	370	\$3.50	\$1,295.00	\$5.00	\$1,850.00
54	Encase Existing FAA Conduit with Concrete	LF	70	\$90.00	\$6,300.00	\$300.00	\$21,000.00
55	Airfield Sign Legend Replacement	EA	26	\$1,000.00	\$26,000.00	\$2,500.00	\$65,000.00

BID TABULATION FOR:
Redding Regional Airport Runway 16-34 & Taxiway Connector Rehabilitation & MAGVAR Improvements
Bid Schedule No.: 5451
9944-33

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S EST		Redding Airport Constructors	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
56	Install Salvaged Elevated Runway Edge Light Fixture and Transformer on Existing Can, without elevation adjustment	EA	10	\$350.00	\$3,500.00	\$1,000.00	\$10,000.00
57	Install Salvaged Elevated Runway Edge Light Fixture and Transformer on Existing Can, with elevation adjustment	EA	55	\$1,600.00	\$88,000.00	\$2,800.00	\$154,000.00
58	Install Salvaged In-pavement Runway Edge Light Fixture and Transformed on Existing Can, with elevation adjustment	EA	8	\$2,600.00	\$20,800.00	\$3,000.00	\$24,000.00
59	Install Salvaged Elevated Runway Light Fixture and Transformer on New Can	EA	16	\$2,600.00	\$41,600.00	\$4,000.00	\$64,000.00
60	Existing Electrical Junction Structure Elevation Adjustment	EA	9	\$7,800.00	\$70,200.00	\$9,000.00	\$81,000.00
61	Existing Electrical Junction Can Elevation Adjustment	EA	2	\$2,500.00	\$5,000.00	\$3,000.00	\$6,000.00
62	Install L-853 Retroreflective Marker, Complete	EA	9	\$500.00	\$4,500.00	\$500.00	\$4,500.00
	TOTAL BASE BID				\$16,361,895.00		\$20,111,190.00
	Additive Alternate 1						
1	Contractor Quality Control Program (CQCP)	LS	1	\$26,000.00	\$26,000.00	\$194,506.00	\$194,506.00
2	Airfield Safety and Traffic Control	LS	1	\$16,000.00	\$16,000.00	\$200,000.00	\$200,000.00
3	Construction Staking and Survey Layout	LS	1	\$15,000.00	\$15,000.00	\$50,000.00	\$50,000.00
4	Mobilization	LS	1	\$792,000.00	\$792,000.00	\$760,000.00	\$760,000.00
5	Implement Storm Water Pollution Prevention Plan (SWPPP)	LS	1	\$55,000.00	\$55,000.00	\$100,000.00	\$100,000.00
6	Remove Airfield Light Fixture and Base Can, Complete	EA	88	\$1,000.00	\$88,000.00	\$600.00	\$52,800.00

BID TABULATION FOR:**Redding Regional Airport Runway 16-34 & Taxiway Connector Rehabilitation & MAGVAR Improvements****Bid Schedule No.: 5451****9944-33**

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S EST		Redding Airport Constructors	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
7	Remove Runway Light Base Can and Transformer, Salvage Light Fixture	EA	1	\$780.00	\$780.00	\$1,000.00	\$1,000.00
8	Remove Taxiway Light Base Can and Transformer, Salvage Light Fixture	EA	2	\$780.00	\$1,560.00	\$1,000.00	\$2,000.00
9	Underground Utility Investigation and Potholing	HR	52	\$670.00	\$34,840.00	\$1,000.00	\$52,000.00
10	Remove Existing Junction Can	EA	6	\$850.00	\$5,100.00	\$500.00	\$3,000.00
11	Remove Existing Junction Structure	EA	16	\$3,100.00	\$49,600.00	\$1,000.00	\$16,000.00
12	Remove Existing Airfield Guidance Sign and Protect PCC Pad, Complete	EA	17	\$1,200.00	\$20,400.00	\$500.00	\$8,500.00
13	Remove Existing Airfield Guidance Sign and PCC Pad, Complete	EA	29	\$5,700.00	\$165,300.00	\$1,500.00	\$43,500.00
14	Asphalt Pavement Removal	SY	35730	\$9.50	\$339,435.00	\$11.00	\$393,030.00
15	Unclassified Excavation and Stockpile On-Site	CY	1400	\$85.00	\$119,000.00	\$125.00	\$175,000.00
16	Subgrade Preparation	SY	42100	\$4.50	\$189,450.00	\$1.00	\$42,100.00
17	RSA Grading	SY	6690	\$12.00	\$80,280.00	\$10.00	\$66,900.00
18	Cement Treated Subgrade, 16-inch Depth	SY	42100	\$22.00	\$926,200.00	\$25.00	\$1,052,500.00
19	Crushed Aggregate Base Course	CY	7480	\$90.00	\$673,200.00	\$175.00	\$1,309,000.00
20	Asphalt Surface Course	TON	8980	\$185.00	\$1,661,300.00	\$175.00	\$1,571,500.00
21	Emulsified Asphalt Tack Coat	TON	5	\$1,200.00	\$6,000.00	\$2,000.00	\$10,000.00
22	Asphalt Surface Treatment, P-608	SY	840	\$30.00	\$25,200.00	\$50.00	\$42,000.00
23	Marking, Initial Application, Yellow with Reflective Media	SF	4300	\$1.30	\$5,590.00	\$8.00	\$34,400.00
24	Marking, Final Application, Yellow with Reflective Media	SF	4300	\$1.00	\$4,300.00	\$4.00	\$17,200.00
25	Seeding	ACRE	1.4	\$10,500.00	\$14,700.00	\$6,000.00	\$8,400.00
26	Remove Miscellaneous Airfield Electrical Components	LS	1	\$150,000.00	\$150,000.00	\$240,591.00	\$240,591.00

BID TABULATION FOR:**Redding Regional Airport Runway 16-34 & Taxiway Connector Rehabilitation & MAGVAR Improvements****Bid Schedule No.: 5451****9944-33**

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S EST		Redding Airport Constructors	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
27	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in Duct Bank or Conduit	LF	28800	\$3.00	\$86,400.00	\$4.00	\$115,200.00
28	No. 6 AWG, Solid, Bare Counterpoise Wire, Installed in Trench Above Duct Bank or Conduit, Including Ground Rods and Ground Connectors	LF	20300	\$3.50	\$71,050.00	\$2.00	\$40,600.00
29	Non-Encased Electrical Duct Bank, 1-Way 2-Inch Sch 40 PVC	LF	3660	\$30.00	\$109,800.00	\$25.00	\$91,500.00
30	Concrete-Encased Electrical Duct Bank , 4-Way 4-Inch Sch 40 PVC	LF	240	\$80.00	\$19,200.00	\$120.00	\$28,800.00
31	Concrete-Encased Electrical Duct Bank, 6-Way 4-Inch Sch 40 PVC	LF	510	\$100.00	\$51,000.00	\$150.00	\$76,500.00
32	Concrete-Encased Electrical Duct Bank , 1-Way 2-Inch Sch 40 PVC, Type 1 Trench	LF	12880	\$42.00	\$540,960.00	\$35.00	\$450,800.00
33	Concrete-Encased Electrical Duct Bank , 1-Way 2-Inch Sch 40 PVC, Type 2 Trench	LF	660	\$210.00	\$138,600.00	\$35.00	\$23,100.00
34	Concrete-Encased Electrical Duct Bank , 2-Way 2-Inch Sch 40 PVC, Type 1 Trench	LF	1150	\$52.00	\$59,800.00	\$52.00	\$59,800.00
35	Concrete-Encased Electrical Duct Bank, 8-Way 4-Inch Sch 40 PVC, Type 1 Trench	LF	200	\$300.00	\$60,000.00	\$325.00	\$65,000.00
36	Directional Bore Electrical Duct Bank, 2-Way 4-Inch HDPE	LF	980	\$100.00	\$98,000.00	\$175.00	\$171,500.00
37	Directional Bore Electrical Duct Bank, 4-Way 4-Inch HDPE	LF	120	\$210.00	\$25,200.00	\$425.00	\$51,000.00
38	Electrical Junction Can, L-868, Type C	EA	15	\$10,500.00	\$157,500.00	\$2,200.00	\$33,000.00

BID TABULATION FOR:**Redding Regional Airport Runway 16-34 & Taxiway Connector Rehabilitation & MAGVAR Improvements****Bid Schedule No.: 5451****9944-33**

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S EST		Redding Airport Constructors	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
39	Electrical Junction Structure, Aircraft Rated with Spring Assisted Cover, Size 2, 2'x3'x3'	EA	16	\$36,000.00	\$576,000.00	\$17,000.00	\$272,000.00
40	Install L-862(L) High Intensity LED Elevated Runway Edge Light, Complete	EA	64	\$3,000.00	\$192,000.00	\$3,500.00	\$224,000.00
41	Install L-862E(L) High Intensity LED Elevated Runway Threshold Light, Complete	EA	16	\$3,600.00	\$57,600.00	\$4,000.00	\$64,000.00
42	Install L-850C(L) High Intensity LED In-pavement Runway Edge Light, Complete	EA	6	\$3,300.00	\$19,800.00	\$5,000.00	\$30,000.00
43	Install Salvaged Elevated Runway Light Fixture and Transformer on New Can	EA	1	\$2,100.00	\$2,100.00	\$3,000.00	\$3,000.00
44	Install Salvaged Elevated Taxiway Light Fixture and Transformer on New Can	EA	2	\$2,000.00	\$4,000.00	\$2,800.00	\$5,600.00
45	Airfield Sign Legend Replacement with New Transformer	EA	25	\$1,200.00	\$30,000.00	\$2,200.00	\$55,000.00
46	Install L-858 Airfield Guidance Sign LED, 1 Module, Size 2 on Existing PCC Pad, Complete	EA	5	\$4,100.00	\$20,500.00	\$3,000.00	\$15,000.00
47	Install L-858 Airfield Guidance Sign LED, 2 Module, Size 2 on Existing PCC Pad, Complete	EA	6	\$5,700.00	\$34,200.00	\$4,000.00	\$24,000.00
48	Install L-858 Airfield Guidance Sign LED, 3 Module, Size 2 on Existing PCC Pad, Complete	EA	3	\$6,700.00	\$20,100.00	\$5,000.00	\$15,000.00
49	Install L-858 Airfield Guidance Sign LED, 4 Module, Size 2 on Existing PCC Pad, Complete	EA	2	\$9,800.00	\$19,600.00	\$6,000.00	\$12,000.00
50	Install L-858 Airfield Guidance Sign LED, 1 Module, Size 2 on New PCC Pad	EA	5	\$15,500.00	\$77,500.00	\$7,000.00	\$35,000.00

BID TABULATION FOR:**Redding Regional Airport Runway 16-34 & Taxiway Connector Rehabilitation & MAGVAR Improvements****Bid Schedule No.: 5451****9944-33**

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S EST		Redding Airport Constructors	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
51	Install L-858 Airfield Guidance Sign LED, 2 Module, Size 2 on New PCC Pad	EA	9	\$18,500.00	\$166,500.00	\$7,500.00	\$67,500.00
52	Install L-858 Airfield Guidance Sign LED, 3 Module, Size 2 on New PCC Pad	EA	12	\$21,500.00	\$258,000.00	\$10,000.00	\$120,000.00
53	Install L-858 Airfield Guidance Sign LED, RDR, Size 4 on New PCC Pad	EA	7	\$35,000.00	\$245,000.00	\$8,000.00	\$56,000.00
54	Install New Windcone Transformer	EA	2	\$1,500.00	\$3,000.00	\$500.00	\$1,000.00
55	Airfield Electrical Vault Equipment Improvements	LS	1	\$100,000.00	\$100,000.00	\$52,000.00	\$52,000.00
56	Cold Milling, Variable Depth Transition and Stockpile On-site	SY	-20190	\$11.00	(\$222,090.00)	\$1.00	(\$20,190.00)
57	Asphalt Mixture Leveling Course	TON	-2600	\$175.00	(\$455,000.00)	\$175.00	(\$455,000.00)
58	Remove Miscellaneous Airfield Electrical Components	LS	-1	\$12,000.00	(\$12,000.00)	\$50,000.00	(\$50,000.00)
59	Marking, Single Application, Yellow with Reflective Media	SF	-4300	\$1.00	(\$4,300.00)	\$4.00	(\$17,200.00)
60	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in Duct Bank or Conduit	LF	-580	\$3.00	(\$1,740.00)	\$5.00	(\$2,900.00)
61	Concrete Encased, Electrical Conduit, 1-Way 2-Inch Sch 40 PVC, Type 1 Trench	LF	-370	\$100.00	(\$37,000.00)	\$60.00	(\$22,200.00)
62	No. 6 AWG, Solid, Bare Counterpoise Wire, Installed in Trench Above Duct Bank or Conduit, Including Ground Rods and Ground Connectors	LF	-370	\$3.50	(\$1,295.00)	\$5.00	(\$1,850.00)
63	Existing Electrical Junction Structure Elevation Adjustment	EA	-9	\$7,800.00	(\$70,200.00)	\$9,000.00	(\$81,000.00)

BID TABULATION FOR:
Redding Regional Airport Runway 16-34 & Taxiway Connector Rehabilitation & MAGVAR Improvements
Bid Schedule No.: 5451
9944-33

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S EST		Redding Airport Constructors	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
64	Existing Electrical Junction Can Elevation Adjustment	EA	-2	\$2,500.00	(\$5,000.00)	\$3,000.00	(\$6,000.00)
65	Airfield Sign Legend Replacement	EA	-26	\$1,000.00	(\$26,000.00)	\$2,500.00	(\$65,000.00)
66	Remove and Salvage Runway / Taxiway Light Fixture, and Transformer	EA	-73	\$500.00	(\$36,500.00)	\$700.00	(\$51,100.00)
67	Remove Runway Light Base Can and Transformer, Salvage Light Fixture	EA	-16	\$780.00	(\$12,480.00)	\$800.00	(\$12,800.00)
68	Install Salvaged Elevated Runway Edge Light Fixture and Transformer on Existing Can, without elevation adjustment	EA	-10	\$350.00	(\$3,500.00)	\$1,000.00	(\$10,000.00)
69	Install Salvaged Elevated Runway Edge Light Fixture and Transformer on Existing Can, with elevation adjustment	EA	-55	\$1,600.00	(\$88,000.00)	\$2,800.00	(\$154,000.00)
70	Install Salvaged In-pavement Runway Edge Light Fixture and Transformer on Existing Can, with elevation adjustment	EA	-8	\$2,600.00	(\$20,800.00)	\$3,000.00	(\$24,000.00)
71	Install Salvaged Elevated Runway Threshold Light Fixture and Transformer on New Can	EA	-16	\$2,600.00	(\$41,600.00)	\$4,000.00	(\$64,000.00)
	TOTAL BID ALTERNATE 1				\$7,670,140.00		\$7,666,587.00
	TOTAL BASE BID PLUS ADDITIVE ALTERNATE				\$24,032,035.00		\$27,777,777.00

NOTE: PROCUREMENT OF AIRFIELD ELECTRICAL ITEMS WILL BE FUNDED UNDER A SEPARATE GRANT. SEE EXHIBIT C1 COST SUMMARY FOR BREAKDOWN OF PROJECT COSTS.

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Exhibit E

Schedule

Preliminary Proposed Project Schedule

Redding Regional Airport - FY 2025 Runway 16-34

Preliminary Proposed Project Schedule for the following Project:

Runway 16-34 Rehabilitation; Connector Taxiway H, Runway 16-34 Shoulder and Runway 16-34 Blast Pad Reconstruction; MAGVAR Updates; Runway 16-34 High Intensity Light Replacement; and Airfield Signage Improvements (Phase 2)

AIP 3-06-0194-XXX-2025

The project schedule for the grant items included in the application is as follows:

- | | |
|----------------------------------|-------------------------------|
| 1) Contract and NTP | January 2024 |
| 2) Update 95% Design | February 2024 |
| 3) Final Design | March 2024 |
| 4) Bid Advertisement | March 2024 |
| 5) Final Grant Submission | April 2025 |
| 6) Grant Received | May 2025 |
| 7) Construction Mobilization | June 2025 – September 2025 |
| 8) Construction (Runway Closure) | September 2025 – October 2025 |

Exhibit F

Sponsor Grant Assurances



**FAA
Airports**

ASSURANCES AIRPORT SPONSORS

A. General.

1. These assurances shall be complied with in the performance of grant agreements for airport development, airport planning, and noise compatibility program grants for airport sponsors.
2. These assurances are required to be submitted as part of the project application by sponsors requesting funds under the provisions of Title 49, U.S.C., subtitle VII, as amended. As used herein, the term "public agency sponsor" means a public agency with control of a public-use airport; the term "private sponsor" means a private owner of a public-use airport; and the term "sponsor" includes both public agency sponsors and private sponsors.
3. Upon acceptance of this grant offer by the sponsor, these assurances are incorporated in and become part of this Grant Agreement.

B. Duration and Applicability.

1. **Airport development or Noise Compatibility Program Projects Undertaken by a Public Agency Sponsor.**

The terms, conditions and assurances of this Grant Agreement shall remain in full force and effect throughout the useful life of the facilities developed or equipment acquired for an airport development or noise compatibility program project, or throughout the useful life of the project items installed within a facility under a noise compatibility program project, but in any event not to exceed twenty (20) years from the date of acceptance of a grant offer of Federal funds for the project. However, there shall be no limit on the duration of the assurances regarding Exclusive Rights and Airport Revenue so long as the airport is used as an airport. There shall be no limit on the duration of the terms, conditions, and assurances with respect to real property acquired with federal funds. Furthermore, the duration of the Civil Rights assurance shall be specified in the assurances.

2. **Airport Development or Noise Compatibility Projects Undertaken by a Private Sponsor.**

The preceding paragraph (1) also applies to a private sponsor except that the useful life of project items installed within a facility or the useful life of the facilities developed or equipment acquired under an airport development or noise compatibility program project shall be no less than ten (10) years from the date of acceptance of Federal aid for the project.

3. **Airport Planning Undertaken by a Sponsor.**

Unless otherwise specified in this Grant Agreement, only Assurances 1, 2, 3, 5, 6, 13, 18, 23, 25, 30, 32, 33, 34, and 37 in Section C apply to planning projects. The terms, conditions, and

assurances of this Grant Agreement shall remain in full force and effect during the life of the project; there shall be no limit on the duration of the assurances regarding Exclusive Rights and Airport Revenue so long as the airport is used as an airport.

C. Sponsor Certification.

The sponsor hereby assures and certifies, with respect to this grant that:

1. General Federal Requirements

It will comply with all applicable Federal laws, regulations, executive orders, policies, guidelines, and requirements as they relate to the application, acceptance, and use of Federal funds for this Grant including but not limited to the following:

FEDERAL LEGISLATION

- a. 49 U.S.C. subtitle VII, as amended.
- b. Davis-Bacon Act, as amended — 40 U.S.C. §§ 3141-3144, 3146, and 3147, et seq.¹
- c. Federal Fair Labor Standards Act — 29 U.S.C. § 201, et seq.
- d. Hatch Act — 5 U.S.C. § 1501, et seq.²
- e. Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, 42 U.S.C. § 4601, et seq.^{1, 2}
- f. National Historic Preservation Act of 1966 — Section 106 — 54 U.S.C. § 306108.¹
- g. Archeological and Historic Preservation Act of 1974 — 54 U.S.C. § 312501, et seq.¹
- h. Native Americans Grave Repatriation Act — 25 U.S.C. § 3001, et seq.
- i. Clean Air Act, P.L. 90-148, as amended — 42 U.S.C. § 7401, et seq.
- j. Coastal Zone Management Act, P.L. 92-583, as amended — 16 U.S.C. § 1451, et seq.
- k. Flood Disaster Protection Act of 1973 — Section 102(a) - 42 U.S.C. § 4012a.¹
- l. 49 U.S.C. § 303, (formerly known as Section 4(f)).
- m. Rehabilitation Act of 1973 — 29 U.S.C. § 794.
- n. Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin).
- o. Americans with Disabilities Act of 1990, as amended, (42 U.S.C. § 12101 et seq.) (prohibits discrimination on the basis of disability).
- p. Age Discrimination Act of 1975 — 42 U.S.C. § 6101, et seq.
- q. American Indian Religious Freedom Act, P.L. 95-341, as amended.
- r. Architectural Barriers Act of 1968, as amended — 42 U.S.C. § 4151, et seq.¹
- s. Powerplant and Industrial Fuel Use Act of 1978 — Section 403 — 42 U.S.C. § 8373.¹
- t. Contract Work Hours and Safety Standards Act — 40 U.S.C. § 3701, et seq.¹
- u. Copeland Anti-kickback Act — 18 U.S.C. § 874.¹

- v. National Environmental Policy Act of 1969 – 42 U.S.C. § 4321, et seq.¹
- w. Wild and Scenic Rivers Act, P.L. 90-542, as amended – 16 U.S.C. § 1271, et seq.
- x. Single Audit Act of 1984 – 31 U.S.C. § 7501, et seq.²
- y. Drug-Free Workplace Act of 1988 – 41 U.S.C. §§ 8101 through 8105.
- z. The Federal Funding Accountability and Transparency Act of 2006, as amended (P.L. 109-282, as amended by section 6202 of P.L. 110-252).
- aa. Civil Rights Restoration Act of 1987, P.L. 100-259.
- bb. Build America, Buy America Act, P.L. 117-58, Title IX.

EXECUTIVE ORDERS

- a. Executive Order 11246 – Equal Employment Opportunity¹
- b. Executive Order 11990 – Protection of Wetlands
- c. Executive Order 11998 – Flood Plain Management
- d. Executive Order 12372 – Intergovernmental Review of Federal Programs
- e. Executive Order 12699 – Seismic Safety of Federal and Federally Assisted New Building Construction¹
- f. Executive Order 12898 – Environmental Justice
- g. Executive Order 13166 – Improving Access to Services for Persons with Limited English Proficiency
- h. Executive Order 13985 – Executive Order on Advancing Racial Equity and Support for Underserved Communities Through the Federal Government
- i. Executive Order 13988 – Preventing and Combating Discrimination on the Basis of Gender Identity or Sexual Orientation
- j. Executive Order 14005 – Ensuring the Future is Made in all of America by All of America’s Workers
- k. Executive Order 14008 – Tackling the Climate Crisis at Home and Abroad

FEDERAL REGULATIONS

- a. 2 CFR Part 180 – OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement).
- b. 2 CFR Part 200 – Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. ^{4, 5}
- c. 2 CFR Part 1200 – Nonprocurement Suspension and Debarment.
- d. 14 CFR Part 13 – Investigative and Enforcement Procedures.
- e. 14 CFR Part 16 – Rules of Practice for Federally-Assisted Airport Enforcement Proceedings.
- f. 14 CFR Part 150 – Airport Noise Compatibility Planning.

- g. 28 CFR Part 35 – Nondiscrimination on the Basis of Disability in State and Local Government Services.
- h. 28 CFR § 50.3 – U.S. Department of Justice Guidelines for the Enforcement of Title VI of the Civil Rights Act of 1964.
- i. 29 CFR Part 1 – Procedures for Predetermination of Wage Rates.¹
- j. 29 CFR Part 3 – Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States.¹
- k. 29 CFR Part 5 – Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction (Also Labor Standards Provisions Applicable to Nonconstruction Contracts Subject to the Contract Work Hours and Safety Standards Act).¹
- l. 41 CFR Part 60 – Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor (Federal and Federally-assisted contracting requirements).¹
- m. 49 CFR Part 20 – New Restrictions on Lobbying.
- n. 49 CFR Part 21 – Nondiscrimination in Federally-Assisted Programs of the Department of Transportation - Effectuation of Title VI of the Civil Rights Act of 1964.
- o. 49 CFR Part 23 – Participation by Disadvantage Business Enterprise in Airport Concessions.
- p. 49 CFR Part 24 – Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally-Assisted Programs.^{1, 2}
- q. 49 CFR Part 26 – Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs.
- r. 49 CFR Part 27 – Nondiscrimination on the Basis of Disability in Programs or Activities Receiving Federal Financial Assistance.¹
- s. 49 CFR Part 28 – Enforcement of Nondiscrimination on the Basis of Handicap in Programs or Activities Conducted by the Department of Transportation.
- t. 49 CFR Part 30 – Denial of Public Works Contracts to Suppliers of Goods and Services of Countries That Deny Procurement Market Access to U.S. Contractors.
- u. 49 CFR Part 32 – Governmentwide Requirements for Drug-Free Workplace (Financial Assistance).
- v. 49 CFR Part 37 – Transportation Services for Individuals with Disabilities (ADA).
- w. 49 CFR Part 38 – Americans with Disabilities Act (ADA) Accessibility Specifications for Transportation Vehicles.
- x. 49 CFR Part 41 – Seismic Safety.

FOOTNOTES TO ASSURANCE (C)(1)

¹ These laws do not apply to airport planning sponsors.

² These laws do not apply to private sponsors.

³ 2 CFR Part 200 contains requirements for State and Local Governments receiving Federal assistance. Any requirement levied upon State and Local Governments by this regulation shall

apply where applicable to private sponsors receiving Federal assistance under Title 49, United States Code.

- ⁴ Cost principles established in 2 CFR part 200 subpart E must be used as guidelines for determining the eligibility of specific types of expenses.
- ⁵ Audit requirements established in 2 CFR part 200 subpart F are the guidelines for audits.

SPECIFIC ASSURANCES

Specific assurances required to be included in grant agreements by any of the above laws, regulations or circulars are incorporated by reference in this Grant Agreement.

2. Responsibility and Authority of the Sponsor.

a. Public Agency Sponsor:

It has legal authority to apply for this Grant, and to finance and carry out the proposed project; that a resolution, motion or similar action has been duly adopted or passed as an official act of the applicant's governing body authorizing the filing of the application, including all understandings and assurances contained therein, and directing and authorizing the person identified as the official representative of the applicant to act in connection with the application and to provide such additional information as may be required.

b. Private Sponsor:

It has legal authority to apply for this Grant and to finance and carry out the proposed project and comply with all terms, conditions, and assurances of this Grant Agreement. It shall designate an official representative and shall in writing direct and authorize that person to file this application, including all understandings and assurances contained therein; to act in connection with this application; and to provide such additional information as may be required.

3. Sponsor Fund Availability.

It has sufficient funds available for that portion of the project costs which are not to be paid by the United States. It has sufficient funds available to assure operation and maintenance of items funded under this Grant Agreement which it will own or control.

4. Good Title.

- a. It, a public agency or the Federal government, holds good title, satisfactory to the Secretary, to the landing area of the airport or site thereof, or will give assurance satisfactory to the Secretary that good title will be acquired.
- b. For noise compatibility program projects to be carried out on the property of the sponsor, it holds good title satisfactory to the Secretary to that portion of the property upon which Federal funds will be expended or will give assurance to the Secretary that good title will be obtained.

5. Preserving Rights and Powers.

- a. It will not take or permit any action which would operate to deprive it of any of the rights and powers necessary to perform any or all of the terms, conditions, and assurances in this Grant Agreement without the written approval of the Secretary, and will act promptly to acquire, extinguish or modify any outstanding rights or claims of right of others which would interfere

with such performance by the sponsor. This shall be done in a manner acceptable to the Secretary.

- b. Subject to the FAA Act of 2018, Public Law 115-254, Section 163, it will not sell, lease, encumber, or otherwise transfer or dispose of any part of its title or other interests in the property shown on Exhibit A to this application or, for a noise compatibility program project, that portion of the property upon which Federal funds have been expended, for the duration of the terms, conditions, and assurances in this Grant Agreement without approval by the Secretary. If the transferee is found by the Secretary to be eligible under Title 49, United States Code, to assume the obligations of this Grant Agreement and to have the power, authority, and financial resources to carry out all such obligations, the sponsor shall insert in the contract or document transferring or disposing of the sponsor's interest, and make binding upon the transferee all of the terms, conditions, and assurances contained in this Grant Agreement.
- c. For all noise compatibility program projects which are to be carried out by another unit of local government or are on property owned by a unit of local government other than the sponsor, it will enter into an agreement with that government. Except as otherwise specified by the Secretary, that agreement shall obligate that government to the same terms, conditions, and assurances that would be applicable to it if it applied directly to the FAA for a grant to undertake the noise compatibility program project. That agreement and changes thereto must be satisfactory to the Secretary. It will take steps to enforce this agreement against the local government if there is substantial non-compliance with the terms of the agreement.
- d. For noise compatibility program projects to be carried out on privately owned property, it will enter into an agreement with the owner of that property which includes provisions specified by the Secretary. It will take steps to enforce this agreement against the property owner whenever there is substantial non-compliance with the terms of the agreement.
- e. If the sponsor is a private sponsor, it will take steps satisfactory to the Secretary to ensure that the airport will continue to function as a public-use airport in accordance with these assurances for the duration of these assurances.
- f. If an arrangement is made for management and operation of the airport by any agency or person other than the sponsor or an employee of the sponsor, the sponsor will reserve sufficient rights and authority to ensure that the airport will be operated and maintained in accordance with Title 49, United States Code, the regulations and the terms, conditions and assurances in this Grant Agreement and shall ensure that such arrangement also requires compliance therewith.
- g. Sponsors of commercial service airports will not permit or enter into any arrangement that results in permission for the owner or tenant of a property used as a residence, or zoned for residential use, to taxi an aircraft between that property and any location on airport. Sponsors of general aviation airports entering into any arrangement that results in permission for the owner of residential real property adjacent to or near the airport must comply with the requirements of Sec. 136 of Public Law 112-95 and the sponsor assurances.

6. Consistency with Local Plans.

The project is reasonably consistent with plans (existing at the time of submission of this application) of public agencies that are authorized by the State in which the project is located to plan for the development of the area surrounding the airport.

7. Consideration of Local Interest.

It has given fair consideration to the interest of communities in or near where the project may be located.

8. Consultation with Users.

In making a decision to undertake any airport development project under Title 49, United States Code, it has undertaken reasonable consultations with affected parties using the airport at which project is proposed.

9. Public Hearings.

In projects involving the location of an airport, an airport runway, or a major runway extension, it has afforded the opportunity for public hearings for the purpose of considering the economic, social, and environmental effects of the airport or runway location and its consistency with goals and objectives of such planning as has been carried out by the community and it shall, when requested by the Secretary, submit a copy of the transcript of such hearings to the Secretary. Further, for such projects, it has on its management board either voting representation from the communities where the project is located or has advised the communities that they have the right to petition the Secretary concerning a proposed project.

10. Metropolitan Planning Organization.

In projects involving the location of an airport, an airport runway, or a major runway extension at a medium or large hub airport, the sponsor has made available to and has provided upon request to the metropolitan planning organization in the area in which the airport is located, if any, a copy of the proposed amendment to the airport layout plan to depict the project and a copy of any airport master plan in which the project is described or depicted.

11. Pavement Preventive Maintenance-Management.

With respect to a project approved after January 1, 1995, for the replacement or reconstruction of pavement at the airport, it assures or certifies that it has implemented an effective airport pavement maintenance-management program and it assures that it will use such program for the useful life of any pavement constructed, reconstructed or repaired with Federal financial assistance at the airport. It will provide such reports on pavement condition and pavement management programs as the Secretary determines may be useful.

12. Terminal Development Prerequisites.

For projects which include terminal development at a public use airport, as defined in Title 49, it has, on the date of submittal of the project grant application, all the safety equipment required for certification of such airport under 49 U.S.C. § 44706, and all the security equipment required by rule or regulation, and has provided for access to the passenger enplaning and deplaning area of such airport to passengers enplaning and deplaning from aircraft other than air carrier aircraft.

13. Accounting System, Audit, and Record Keeping Requirements.

- a. It shall keep all project accounts and records which fully disclose the amount and disposition by the recipient of the proceeds of this Grant, the total cost of the project in connection with which this Grant is given or used, and the amount or nature of that portion of the cost of the project supplied by other sources, and such other financial records pertinent to the project. The

accounts and records shall be kept in accordance with an accounting system that will facilitate an effective audit in accordance with the Single Audit Act of 1984.

- b. It shall make available to the Secretary and the Comptroller General of the United States, or any of their duly authorized representatives, for the purpose of audit and examination, any books, documents, papers, and records of the recipient that are pertinent to this Grant. The Secretary may require that an appropriate audit be conducted by a recipient. In any case in which an independent audit is made of the accounts of a sponsor relating to the disposition of the proceeds of a grant or relating to the project in connection with which this Grant was given or used, it shall file a certified copy of such audit with the Comptroller General of the United States not later than six (6) months following the close of the fiscal year for which the audit was made.

14. Minimum Wage Rates.

It shall include, in all contracts in excess of \$2,000 for work on any projects funded under this Grant Agreement which involve labor, provisions establishing minimum rates of wages, to be predetermined by the Secretary of Labor under 40 U.S.C. §§ 3141-3144, 3146, and 3147, Public Building, Property, and Works), which contractors shall pay to skilled and unskilled labor, and such minimum rates shall be stated in the invitation for bids and shall be included in proposals or bids for the work.

15. Veteran's Preference.

It shall include in all contracts for work on any project funded under this Grant Agreement which involve labor, such provisions as are necessary to insure that, in the employment of labor (except in executive, administrative, and supervisory positions), preference shall be given to Vietnam era veterans, Persian Gulf veterans, Afghanistan-Iraq war veterans, disabled veterans, and small business concerns owned and controlled by disabled veterans as defined in 49 U.S.C. § 47112. However, this preference shall apply only where the individuals are available and qualified to perform the work to which the employment relates.

16. Conformity to Plans and Specifications.

It will execute the project subject to plans, specifications, and schedules approved by the Secretary. Such plans, specifications, and schedules shall be submitted to the Secretary prior to commencement of site preparation, construction, or other performance under this Grant Agreement, and, upon approval of the Secretary, shall be incorporated into this Grant Agreement. Any modification to the approved plans, specifications, and schedules shall also be subject to approval of the Secretary, and incorporated into this Grant Agreement.

17. Construction Inspection and Approval.

It will provide and maintain competent technical supervision at the construction site throughout the project to assure that the work conforms to the plans, specifications, and schedules approved by the Secretary for the project. It shall subject the construction work on any project contained in an approved project application to inspection and approval by the Secretary and such work shall be in accordance with regulations and procedures prescribed by the Secretary. Such regulations and procedures shall require such cost and progress reporting by the sponsor or sponsors of such project as the Secretary shall deem necessary.

18. Planning Projects.

In carrying out planning projects:

- a. It will execute the project in accordance with the approved program narrative contained in the project application or with the modifications similarly approved.
- b. It will furnish the Secretary with such periodic reports as required pertaining to the planning project and planning work activities.
- c. It will include in all published material prepared in connection with the planning project a notice that the material was prepared under a grant provided by the United States.
- d. It will make such material available for examination by the public, and agrees that no material prepared with funds under this project shall be subject to copyright in the United States or any other country.
- e. It will give the Secretary unrestricted authority to publish, disclose, distribute, and otherwise use any of the material prepared in connection with this grant.
- f. It will grant the Secretary the right to disapprove the sponsor's employment of specific consultants and their subcontractors to do all or any part of this project as well as the right to disapprove the proposed scope and cost of professional services.
- g. It will grant the Secretary the right to disapprove the use of the sponsor's employees to do all or any part of the project.
- h. It understands and agrees that the Secretary's approval of this project grant or the Secretary's approval of any planning material developed as part of this grant does not constitute or imply any assurance or commitment on the part of the Secretary to approve any pending or future application for a Federal airport grant.

19. Operation and Maintenance.

- a. The airport and all facilities which are necessary to serve the aeronautical users of the airport, other than facilities owned or controlled by the United States, shall be operated at all times in a safe and serviceable condition and in accordance with the minimum standards as may be required or prescribed by applicable Federal, state, and local agencies for maintenance and operation. It will not cause or permit any activity or action thereon which would interfere with its use for airport purposes. It will suitably operate and maintain the airport and all facilities thereon or connected therewith, with due regard to climatic and flood conditions. Any proposal to temporarily close the airport for non-aeronautical purposes must first be approved by the Secretary. In furtherance of this assurance, the sponsor will have in effect arrangements for:
 1. Operating the airport's aeronautical facilities whenever required;
 2. Promptly marking and lighting hazards resulting from airport conditions, including temporary conditions; and
 3. Promptly notifying pilots of any condition affecting aeronautical use of the airport. Nothing contained herein shall be construed to require that the airport be operated for aeronautical use during temporary periods when snow, flood, or other climatic conditions interfere with such operation and maintenance. Further, nothing herein shall be construed as requiring the maintenance, repair, restoration, or replacement of any structure or

facility which is substantially damaged or destroyed due to an act of God or other condition or circumstance beyond the control of the sponsor.

- b. It will suitably operate and maintain noise compatibility program items that it owns or controls upon which Federal funds have been expended.

20. Hazard Removal and Mitigation.

It will take appropriate action to assure that such terminal airspace as is required to protect instrument and visual operations to the airport (including established minimum flight altitudes) will be adequately cleared and protected by removing, lowering, relocating, marking, or lighting or otherwise mitigating existing airport hazards and by preventing the establishment or creation of future airport hazards.

21. Compatible Land Use.

It will take appropriate action, to the extent reasonable, including the adoption of zoning laws, to restrict the use of land adjacent to or in the immediate vicinity of the airport to activities and purposes compatible with normal airport operations, including landing and takeoff of aircraft. In addition, if the project is for noise compatibility program implementation, it will not cause or permit any change in land use, within its jurisdiction, that will reduce its compatibility, with respect to the airport, of the noise compatibility program measures upon which Federal funds have been expended.

22. Economic Nondiscrimination.

- a. It will make the airport available as an airport for public use on reasonable terms and without unjust discrimination to all types, kinds and classes of aeronautical activities, including commercial aeronautical activities offering services to the public at the airport.
- b. In any agreement, contract, lease, or other arrangement under which a right or privilege at the airport is granted to any person, firm, or corporation to conduct or to engage in any aeronautical activity for furnishing services to the public at the airport, the sponsor will insert and enforce provisions requiring the contractor to:
 - 1. Furnish said services on a reasonable, and not unjustly discriminatory, basis to all users thereof, and
 - 2. Charge reasonable, and not unjustly discriminatory, prices for each unit or service, provided that the contractor may be allowed to make reasonable and nondiscriminatory discounts, rebates, or other similar types of price reductions to volume purchasers.
- c. Each fixed-based operator at the airport shall be subject to the same rates, fees, rentals, and other charges as are uniformly applicable to all other fixed-based operators making the same or similar uses of such airport and utilizing the same or similar facilities.
- d. Each air carrier using such airport shall have the right to service itself or to use any fixed-based operator that is authorized or permitted by the airport to serve any air carrier at such airport.
- e. Each air carrier using such airport (whether as a tenant, non-tenant, or subtenant of another air carrier tenant) shall be subject to such nondiscriminatory and substantially comparable rules, regulations, conditions, rates, fees, rentals, and other charges with respect to facilities directly and substantially related to providing air transportation as are applicable to all such air carriers which make similar use of such airport and utilize similar facilities, subject to reasonable

classifications such as tenants or non-tenants and signatory carriers and non-signatory carriers. Classification or status as tenant or signatory shall not be unreasonably withheld by any airport provided an air carrier assumes obligations substantially similar to those already imposed on air carriers in such classification or status.

- f. It will not exercise or grant any right or privilege which operates to prevent any person, firm, or corporation operating aircraft on the airport from performing any services on its own aircraft with its own employees (including, but not limited to maintenance, repair, and fueling) that it may choose to perform.
- g. In the event the sponsor itself exercises any of the rights and privileges referred to in this assurance, the services involved will be provided on the same conditions as would apply to the furnishing of such services by commercial aeronautical service providers authorized by the sponsor under these provisions.
- h. The sponsor may establish such reasonable, and not unjustly discriminatory, conditions to be met by all users of the airport as may be necessary for the safe and efficient operation of the airport.
- i. The sponsor may prohibit or limit any given type, kind or class of aeronautical use of the airport if such action is necessary for the safe operation of the airport or necessary to serve the civil aviation needs of the public.

23. Exclusive Rights.

It will permit no exclusive right for the use of the airport by any person providing, or intending to provide, aeronautical services to the public. For purposes of this paragraph, the providing of the services at an airport by a single fixed-based operator shall not be construed as an exclusive right if both of the following apply:

- a. It would be unreasonably costly, burdensome, or impractical for more than one fixed-based operator to provide such services, and
- b. If allowing more than one fixed-based operator to provide such services would require the reduction of space leased pursuant to an existing agreement between such single fixed-based operator and such airport. It further agrees that it will not, either directly or indirectly, grant or permit any person, firm, or corporation, the exclusive right at the airport to conduct any aeronautical activities, including, but not limited to charter flights, pilot training, aircraft rental and sightseeing, aerial photography, crop dusting, aerial advertising and surveying, air carrier operations, aircraft sales and services, sale of aviation petroleum products whether or not conducted in conjunction with other aeronautical activity, repair and maintenance of aircraft, sale of aircraft parts, and any other activities which because of their direct relationship to the operation of aircraft can be regarded as an aeronautical activity, and that it will terminate any exclusive right to conduct an aeronautical activity now existing at such an airport before the grant of any assistance under Title 49, United States Code.

24. Fee and Rental Structure.

It will maintain a fee and rental structure for the facilities and services at the airport which will make the airport as self-sustaining as possible under the circumstances existing at the particular airport, taking into account such factors as the volume of traffic and economy of collection. No part of the Federal share of an airport development, airport planning or noise compatibility project for

which a Grant is made under Title 49, United States Code, the Airport and Airway Improvement Act of 1982, the Federal Airport Act or the Airport and Airway Development Act of 1970 shall be included in the rate basis in establishing fees, rates, and charges for users of that airport.

25. Airport Revenues.

- a. All revenues generated by the airport and any local taxes on aviation fuel established after December 30, 1987, will be expended by it for the capital or operating costs of the airport; the local airport system; or other local facilities which are owned or operated by the owner or operator of the airport and which are directly and substantially related to the actual air transportation of passengers or property; or for noise mitigation purposes on or off the airport. The following exceptions apply to this paragraph:
 1. If covenants or assurances in debt obligations issued before September 3, 1982, by the owner or operator of the airport, or provisions enacted before September 3, 1982, in governing statutes controlling the owner or operator's financing, provide for the use of the revenues from any of the airport owner or operator's facilities, including the airport, to support not only the airport but also the airport owner or operator's general debt obligations or other facilities, then this limitation on the use of all revenues generated by the airport (and, in the case of a public airport, local taxes on aviation fuel) shall not apply.
 2. If the Secretary approves the sale of a privately owned airport to a public sponsor and provides funding for any portion of the public sponsor's acquisition of land, this limitation on the use of all revenues generated by the sale shall not apply to certain proceeds from the sale. This is conditioned on repayment to the Secretary by the private owner of an amount equal to the remaining unamortized portion (amortized over a 20-year period) of any airport improvement grant made to the private owner for any purpose other than land acquisition on or after October 1, 1996, plus an amount equal to the federal share of the current fair market value of any land acquired with an airport improvement grant made to that airport on or after October 1, 1996.
 3. Certain revenue derived from or generated by mineral extraction, production, lease, or other means at a general aviation airport (as defined at 49 U.S.C. § 47102), if the FAA determines the airport sponsor meets the requirements set forth in Section 813 of Public Law 112-95.
- b. As part of the annual audit required under the Single Audit Act of 1984, the sponsor will direct that the audit will review, and the resulting audit report will provide an opinion concerning, the use of airport revenue and taxes in paragraph (a), and indicating whether funds paid or transferred to the owner or operator are paid or transferred in a manner consistent with Title 49, United States Code and any other applicable provision of law, including any regulation promulgated by the Secretary or Administrator.
- c. Any civil penalties or other sanctions will be imposed for violation of this assurance in accordance with the provisions of 49 U.S.C. § 47107.

26. Reports and Inspections.

It will:

- a. submit to the Secretary such annual or special financial and operations reports as the Secretary may reasonably request and make such reports available to the public; make available to the

public at reasonable times and places a report of the airport budget in a format prescribed by the Secretary;

- b. for airport development projects, make the airport and all airport records and documents affecting the airport, including deeds, leases, operation and use agreements, regulations and other instruments, available for inspection by any duly authorized agent of the Secretary upon reasonable request;
- c. for noise compatibility program projects, make records and documents relating to the project and continued compliance with the terms, conditions, and assurances of this Grant Agreement including deeds, leases, agreements, regulations, and other instruments, available for inspection by any duly authorized agent of the Secretary upon reasonable request; and
- d. in a format and time prescribed by the Secretary, provide to the Secretary and make available to the public following each of its fiscal years, an annual report listing in detail:
 - 1. all amounts paid by the airport to any other unit of government and the purposes for which each such payment was made; and
 - 2. all services and property provided by the airport to other units of government and the amount of compensation received for provision of each such service and property.

27. Use by Government Aircraft.

It will make available all of the facilities of the airport developed with Federal financial assistance and all those usable for landing and takeoff of aircraft to the United States for use by Government aircraft in common with other aircraft at all times without charge, except, if the use by Government aircraft is substantial, charge may be made for a reasonable share, proportional to such use, for the cost of operating and maintaining the facilities used. Unless otherwise determined by the Secretary, or otherwise agreed to by the sponsor and the using agency, substantial use of an airport by Government aircraft will be considered to exist when operations of such aircraft are in excess of those which, in the opinion of the Secretary, would unduly interfere with use of the landing areas by other authorized aircraft, or during any calendar month that:

- a. Five (5) or more Government aircraft are regularly based at the airport or on land adjacent thereto; or
- b. The total number of movements (counting each landing as a movement) of Government aircraft is 300 or more, or the gross accumulative weight of Government aircraft using the airport (the total movement of Government aircraft multiplied by gross weights of such aircraft) is in excess of five million pounds.

28. Land for Federal Facilities.

It will furnish without cost to the Federal Government for use in connection with any air traffic control or air navigation activities, or weather-reporting and communication activities related to air traffic control, any areas of land or water, or estate therein as the Secretary considers necessary or desirable for construction, operation, and maintenance at Federal expense of space or facilities for such purposes. Such areas or any portion thereof will be made available as provided herein within four months after receipt of a written request from the Secretary.

29. Airport Layout Plan.

- a. Subject to the FAA Reauthorization Act of 2018, Public Law 115-254, Section 163, it will keep up to date at all times an airport layout plan of the airport showing:
 1. boundaries of the airport and all proposed additions thereto, together with the boundaries of all offsite areas owned or controlled by the sponsor for airport purposes and proposed additions thereto;
 2. the location and nature of all existing and proposed airport facilities and structures (such as runways, taxiways, aprons, terminal buildings, hangars and roads), including all proposed extensions and reductions of existing airport facilities;
 3. the location of all existing and proposed non-aviation areas and of all existing improvements thereon; and
 4. all proposed and existing access points used to taxi aircraft across the airport's property boundary.

Such airport layout plans and each amendment, revision, or modification thereof, shall be subject to the approval of the Secretary which approval shall be evidenced by the signature of a duly authorized representative of the Secretary on the face of the airport layout plan. The sponsor will not make or permit any changes or alterations in the airport or any of its facilities which are not in conformity with the airport layout plan as approved by the Secretary and which might, in the opinion of the Secretary, adversely affect the safety, utility or efficiency of the airport.

- b. Subject to the FAA Reauthorization Act of 2018, Public Law 115-254, Section 163, if a change or alteration in the airport or the facilities is made which the Secretary determines adversely affects the safety, utility, or efficiency of any federally owned, leased, or funded property on or off the airport and which is not in conformity with the airport layout plan as approved by the Secretary, the owner or operator will, if requested, by the Secretary:
 1. eliminate such adverse effect in a manner approved by the Secretary; or
 2. bear all costs of relocating such property (or replacement thereof) to a site acceptable to the Secretary and all costs of restoring such property (or replacement thereof) to the level of safety, utility, efficiency, and cost of operation existing before the unapproved change in the airport or its facilities except in the case of a relocation or replacement of an existing airport facility due to a change in the Secretary's design standards beyond the control of the airport sponsor.

30. Civil Rights.

It will promptly take any measures necessary to ensure that no person in the United States shall, on the grounds of race, color, and national origin (including limited English proficiency) in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4); creed and sex (including sexual orientation and gender identity) per 49 U.S.C. § 47123 and related requirements; age per the Age Discrimination Act of 1975 and related requirements; or disability per the Americans with Disabilities Act of 1990 and related requirements, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in any program and activity conducted with, or benefiting from, funds received from this Grant.

- a. Using the definitions of activity, facility, and program as found and defined in 49 CFR § 21.23(b) and 21.23(e), the sponsor will facilitate all programs, operate all facilities, or conduct all programs in compliance with all non-discrimination requirements imposed by or pursuant to these assurances.
- b. Applicability
 1. Programs and Activities. If the sponsor has received a grant (or other federal assistance) for any of the sponsor's program or activities, these requirements extend to all of the sponsor's programs and activities.
 2. Facilities. Where it receives a grant or other federal financial assistance to construct, expand, renovate, remodel, alter, or acquire a facility, or part of a facility, the assurance extends to the entire facility and facilities operated in connection therewith.
 3. Real Property. Where the sponsor receives a grant or other Federal financial assistance in the form of, or for the acquisition of real property or an interest in real property, the assurance will extend to rights to space on, over, or under such property.
- c. Duration.

The sponsor agrees that it is obligated to this assurance for the period during which Federal financial assistance is extended to the program, except where the Federal financial assistance is to provide, or is in the form of, personal property, or real property, or interest therein, or structures or improvements thereon, in which case the assurance obligates the sponsor, or any transferee for the longer of the following periods:

 1. So long as the airport is used as an airport, or for another purpose involving the provision of similar services or benefits; or
 2. So long as the sponsor retains ownership or possession of the property.
- d. Required Solicitation Language. It will include the following notification in all solicitations for bids, Requests For Proposals for work, or material under this Grant Agreement and in all proposals for agreements, including airport concessions, regardless of funding source:

"The CITY OF REDDING, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders or offerors that it will affirmatively ensure that for any contract entered into pursuant to this advertisement, [select businesses, or disadvantaged business enterprises or airport concession disadvantaged business enterprises] will be afforded full and fair opportunity to submit bids in response to this invitation and no businesses will be discriminated against on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability in consideration for an award."
- e. Required Contract Provisions.
 1. It will insert the non-discrimination contract clauses requiring compliance with the acts and regulations relative to non-discrimination in Federally-assisted programs of the Department of Transportation (DOT), and incorporating the acts and regulations into the contracts by reference in every contract or agreement subject to the non-discrimination in Federally-assisted programs of the DOT acts and regulations.

2. It will include a list of the pertinent non-discrimination authorities in every contract that is subject to the non-discrimination acts and regulations.
3. It will insert non-discrimination contract clauses as a covenant running with the land, in any deed from the United States effecting or recording a transfer of real property, structures, use, or improvements thereon or interest therein to a sponsor.
4. It will insert non-discrimination contract clauses prohibiting discrimination on the basis of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability as a covenant running with the land, in any future deeds, leases, license, permits, or similar instruments entered into by the sponsor with other parties:
 - a. For the subsequent transfer of real property acquired or improved under the applicable activity, project, or program; and
 - b. For the construction or use of, or access to, space on, over, or under real property acquired or improved under the applicable activity, project, or program.
- f. It will provide for such methods of administration for the program as are found by the Secretary to give reasonable guarantee that it, other recipients, sub-recipients, sub-grantees, contractors, subcontractors, consultants, transferees, successors in interest, and other participants of Federal financial assistance under such program will comply with all requirements imposed or pursuant to the acts, the regulations, and this assurance.
- g. It agrees that the United States has a right to seek judicial enforcement with regard to any matter arising under the acts, the regulations, and this assurance.

31. Disposal of Land.

- a. For land purchased under a grant for airport noise compatibility purposes, including land serving as a noise buffer, it will dispose of the land, when the land is no longer needed for such purposes, at fair market value, at the earliest practicable time. That portion of the proceeds of such disposition which is proportionate to the United States' share of acquisition of such land will be, at the discretion of the Secretary, (1) reinvested in another project at the airport, or (2) transferred to another eligible airport as prescribed by the Secretary. The Secretary shall give preference to the following, in descending order:
 1. Reinvestment in an approved noise compatibility project;
 2. Reinvestment in an approved project that is eligible for grant funding under 49 U.S.C. § 47117(e);
 3. Reinvestment in an approved airport development project that is eligible for grant funding under 49 U.S.C. §§ 47114, 47115, or 47117;
 4. Transfer to an eligible sponsor of another public airport to be reinvested in an approved noise compatibility project at that airport; or
 5. Payment to the Secretary for deposit in the Airport and Airway Trust Fund.

If land acquired under a grant for noise compatibility purposes is leased at fair market value and consistent with noise buffering purposes, the lease will not be considered a disposal of the land. Revenues derived from such a lease may be used for an approved airport development

project that would otherwise be eligible for grant funding or any permitted use of airport revenue.

- b. For land purchased under a grant for airport development purposes (other than noise compatibility), it will, when the land is no longer needed for airport purposes, dispose of such land at fair market value or make available to the Secretary an amount equal to the United States' proportionate share of the fair market value of the land. That portion of the proceeds of such disposition which is proportionate to the United States' share of the cost of acquisition of such land will, upon application to the Secretary, be reinvested or transferred to another eligible airport as prescribed by the Secretary. The Secretary shall give preference to the following, in descending order:
 - 1. Reinvestment in an approved noise compatibility project;
 - 2. Reinvestment in an approved project that is eligible for grant funding under 49 U.S.C. § 47117(e);
 - 3. Reinvestment in an approved airport development project that is eligible for grant funding under 49 U.S.C. §§ 47114, 47115, or 47117;
 - 4. Transfer to an eligible sponsor of another public airport to be reinvested in an approved noise compatibility project at that airport; or
 - 5. Payment to the Secretary for deposit in the Airport and Airway Trust Fund.
- c. Land shall be considered to be needed for airport purposes under this assurance if (1) it may be needed for aeronautical purposes (including runway protection zones) or serve as noise buffer land, and (2) the revenue from interim uses of such land contributes to the financial self-sufficiency of the airport. Further, land purchased with a grant received by an airport operator or owner before December 31, 1987, will be considered to be needed for airport purposes if the Secretary or Federal agency making such grant before December 31, 1987, was notified by the operator or owner of the uses of such land, did not object to such use, and the land continues to be used for that purpose, such use having commenced no later than December 15, 1989.
- d. Disposition of such land under (a), (b), or (c) will be subject to the retention or reservation of any interest or right therein necessary to ensure that such land will only be used for purposes which are compatible with noise levels associated with operation of the airport.

32. Engineering and Design Services.

If any phase of such project has received Federal funds under Chapter 471 subchapter 1 of Title 49 U.S.C., it will award each contract, or sub-contract for program management, construction management, planning studies, feasibility studies, architectural services, preliminary engineering, design, engineering, surveying, mapping or related services in the same manner as a contract for architectural and engineering services is negotiated under Chapter 11 of Title 40 U.S.C., or an equivalent qualifications-based requirement prescribed for or by the sponsor of the airport.

33. Foreign Market Restrictions.

It will not allow funds provided under this Grant to be used to fund any project which uses any product or service of a foreign country during the period in which such foreign country is listed by

the United States Trade Representative as denying fair and equitable market opportunities for products and suppliers of the United States in procurement and construction.

34. Policies, Standards, and Specifications.

It will carry out any project funded under an Airport Improvement Program Grant in accordance with policies, standards, and specifications approved by the Secretary including, but not limited to, current FAA Advisory Circulars (<https://www.faa.gov/airports/aip/media/aip-pfc-checklist.pdf>) for AIP projects as of **APRIL 28, 2025**.

35. Relocation and Real Property Acquisition.

- a. It will be guided in acquiring real property, to the greatest extent practicable under State law, by the land acquisition policies in Subpart B of 49 CFR Part 24 and will pay or reimburse property owners for necessary expenses as specified in Subpart B.
- b. It will provide a relocation assistance program offering the services described in Subpart C of 49 CFR Part 24 and fair and reasonable relocation payments and assistance to displaced persons as required in Subpart D and E of 49 CFR Part 24.
- c. It will make available within a reasonable period of time prior to displacement, comparable replacement dwellings to displaced persons in accordance with Subpart E of 49 CFR Part 24.

36. Access By Intercity Buses.

The airport owner or operator will permit, to the maximum extent practicable, intercity buses or other modes of transportation to have access to the airport; however, it has no obligation to fund special facilities for intercity buses or for other modes of transportation.

37. Disadvantaged Business Enterprises.

The sponsor shall not discriminate on the basis of race, color, national origin, or sex, in the award and performance of any DOT-assisted contract covered by 49 CFR Part 26, or in the award and performance of any concession activity contract covered by 49 CFR Part 23. In addition, the sponsor shall not discriminate on the basis of race, color, national origin or sex in the administration of its Disadvantaged Business Enterprise (DBE) and Airport Concessions Disadvantaged Business Enterprise (ACDBE) programs or the requirements of 49 CFR Parts 23 and 26. The sponsor shall take all necessary and reasonable steps under 49 CFR Parts 23 and 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts, and/or concession contracts. The sponsor's DBE and ACDBE programs, as required by 49 CFR Parts 26 and 23, and as approved by DOT, are incorporated by reference in this agreement. Implementation of these programs is a legal obligation and failure to carry out its terms shall be treated as a violation of this agreement. Upon notification to the sponsor of its failure to carry out its approved program, the Department may impose sanctions as provided for under Parts 26 and 23 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. § 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. §§ 3801-3809, 3812).

38. Hangar Construction.

If the airport owner or operator and a person who owns an aircraft agree that a hangar is to be constructed at the airport for the aircraft at the aircraft owner's expense, the airport owner or operator will grant to the aircraft owner for the hangar a long term lease that is subject to such terms and conditions on the hangar as the airport owner or operator may impose.

39. Competitive Access.

- a. If the airport owner or operator of a medium or large hub airport (as defined in 49 U.S.C. § 47102) has been unable to accommodate one or more requests by an air carrier for access to gates or other facilities at that airport in order to allow the air carrier to provide service to the airport or to expand service at the airport, the airport owner or operator shall transmit a report to the Secretary that:
 1. Describes the requests;
 2. Provides an explanation as to why the requests could not be accommodated; and
 3. Provides a time frame within which, if any, the airport will be able to accommodate the requests.
- b. Such report shall be due on either February 1 or August 1 of each year if the airport has been unable to accommodate the request(s) in the six month period prior to the applicable due date.

Exhibit G

Title VI Assurances

STANDARD DOT TITLE VI ASSURANCES

CITY OF REDDING (hereinafter referred to as the Sponsor) hereby agrees that as a condition to receiving Federal financial assistance from the Department of Transportation (DOT), it will comply with Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d et seq.) and all requirements imposed by 49 CFR Part 21, - Nondiscrimination in Federally Assisted Programs of the Department of Transportation -- Effectuation of Title VI of the Civil Rights Act of 1964 (hereinafter referred to as the "Regulations") to the end that no person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the applicant receives Federal financial assistance and will immediately take any measures necessary to effectuate this agreement. Without limiting the above general assurance, the sponsor agrees concerning this grant that:

1. Each "program" and "facility" (as defined in Sections 21.23(e) and 21.23 (b)) will be conducted or operated in compliance with all requirements of the Regulations.
2. It will insert the clauses of Attachment 1 of this assurance in every contract subject to the Act and the Regulations.
3. Where Federal financial assistance is received to construct a facility, or part of a facility, the assurance shall extend to the entire facility and facilities operated in connection therewith.
4. Where Federal financial assistance is in the form or for the acquisition of real property or an interest in real property, the assurance shall extend to rights to space on, over, or under such property.
5. It will include the appropriate clauses set forth in Attachment 2 of this assurance, as a covenant running with the land, in any future deeds, leases, permits, licenses, and similar agreements entered into by the sponsor with other parties:
 - (a) for the subsequent transfer of real property acquired or improved with Federal financial assistance under this Project; and
 - (b) for the construction or use of or access to space on, over, or under real property acquired or improved with Federal financial assistance under this Project.
6. This assurance obligates the Sponsor for the period during which Federal financial assistance is extended to the program, except where the Federal financial assistance is to provide, or is in the form of personal property or real property or interest therein or structures or improvements thereon, in which case the assurance obligates the sponsor or any transferee for the longer of the following periods.
 - (a) the period during which the property is used for a purpose for which Federal financial assistance is extended, or for another purpose involving the provision of similar services or benefits, or
 - (b) the period during which the sponsor retains ownership or possession of the property.

7. It will provide for such methods of administration for the program as are found by the Secretary of Transportation or the official to whom he delegates specific authority to give reasonable guarantee that it, other sponsors, subgrantees, contractors, subcontractors, transferees, successors in interest, and other participants or Federal financial assistance under such program will comply with all requirements imposed or pursuant to the Act, the Regulations, and this assurance.

8. It agrees that the United States has a right to seek judicial enforcement with regard to any matter arising under the Act, the Regulations, and this assurance.

THIS ASSURANCE is given in consideration of and for the purpose of obtaining Federal financial assistance for this Project and is binding on its contractors, the sponsor, subcontractors, transferees, successors in interest and other participants in the Project. The person or persons whose signatures appear below are authorized to sign this assurance on behalf of the Sponsor.

DATED _____

CITY OF REDDING

(Sponsor)

By **Andrew Solsvig** Digitally signed by Andrew Solsvig
Date: 2025.04.04 11:47:21 -07'00'

(Signature of Authorized Official)
Andrew Solsvig, Airports Manager

CONTRACTOR CONTRACTUAL REQUIREMENTS

ATTACHMENT 1

During the performance of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. **Compliance with Regulations.** The contractor shall comply with the Regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation (hereinafter, "DOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

2. **Nondiscrimination.** The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment.** In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.

4. **Information and Reports.** The contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Sponsor or the Federal Aviation Administration (FAA) to be pertinent to ascertain compliance with such Regulations, orders, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, the contractor shall so certify to the sponsor or the FAA, as appropriate, and shall set forth what efforts it has made to obtain the information.

5. **Sanctions for Noncompliance.** In the event of the contractor's noncompliance with the nondiscrimination provisions of this contract, the sponsor shall impose such contract sanctions as it or the FAA may determine to be appropriate, including, but not limited to:

a. Withholding of payments to the contractor under the contract until the contractor complies, and/or

b. Cancellation, termination, or suspension of the contract, in whole or in part.

6. **Incorporation of Provisions.** The contractor shall include the provisions of paragraphs 1 through 5 in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations or directives issued Pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the sponsor or the FAA may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the contractor may request the Sponsor to enter into such litigation to protect the interests of the sponsor and, in addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

CLAUSES FOR DEEDS, LICENSES, LEASES, PERMITS OR SIMILAR INSTRUMENTS

ATTACHMENT 2

The following clauses shall be included in deeds, licenses, leases, permits, or similar instruments entered into by the Sponsor pursuant to the provisions of Assurances 5(a) and 5(b).

1. The (grantee, licensee, lessee, permittee, etc., as appropriate) for himself, his heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree (in the case of deeds and leases add "as a covenant running with the land") that in the event facilities are constructed, maintained, or otherwise operated on the said property described in this (deed, license, lease, permit, etc.) for a purpose for which a DOT program or activity is extended or for another purpose involving the provision of similar services or benefits, the (grantee, licensee, lessee, permittee, etc.) shall maintain and operate such facilities and services in compliance with all other requirements imposed pursuant to 49 CFR Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation, and as said Regulations may be amended.

2. The (grantee, licensee, lessee, permittee, etc., as appropriate) for himself, his personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree (in the case of deeds and leases add "as a covenant running with the land") that: (1) no person on the grounds of race, color, or national origin shall be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under such land and the furnishing of services thereon, no person on the grounds of race, color, or national origin shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the (grantee, licensee, lessee, permittee, etc.) shall use the premises in compliance with all other requirements imposed by or pursuant to 49 CFR Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation, and as said Regulations may be amended.

Exhibit H

Sponsor Certifications

Agreement on State Sponsorship and Airport Sponsor Obligations Airport Improvement Program

Airport: Redding Regional (RDD)

Sponsor: City of Redding
hereinafter called the "Airport Sponsor"

Associated City: Redding
hereinafter called the "Associated City"

Project Description:

Runway 16-34 Rehabilitation; Connector Taxiway H, Rwy 16-34 Shoulder and Runway 16-34 Blast Pad Reconstruction; MAGVAR updates; Runway 16-34 High Intensity Light Replacement (HIRL) and Airfield Signage Improvements; Phase 2, Construction.

hereinafter called the "Project"

State: CA hereinafter called the "State"

In accordance with 49 USC § 47105 the Airport Sponsor hereby consents to the Project sponsorship by the State for the Project at the above airport and associated city.

Sponsor's Certification

I assure and certify, for the project identified herein, the Airport Sponsor will comply with terms, conditions, and assurances contained in the Project Application submitted to the Federal Aviation Administration by the state and to Grant Agreement Conditions required by the Federal Aviation Administration. A copy of the Project Application Assurances and Grant Agreement Conditions is attached and made part of this Agreement on State Sponsorship and Airport Sponsor Obligations.

Executed on this day of ,

Name of Sponsor: City of Redding

Name of Sponsor's Authorized Official: Andrew Solsvig

Title of Sponsor's Authorized Official: Airports Manager

Signature of Sponsor's Authorized Official: Andrew Solsvig
Digitally signed by Andrew Solsvig
Date: 2025.04.04 11:48:08 -07'00'

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Construction Project Final Acceptance Airport Improvement Program Sponsor Certification

Sponsor: City of Redding

Airport: Redding Regional (RDD)

Project Number: 3-06-0194-0XX-2025

Description of Work: Runway 16-34 Rehabilitation; Connector Taxiway H, Rwy 16-34 Shoulder and Runway 16-34 Blast Pad Reconstruction; MAGVAR updates; Runway 16-34 High Intensity Light Replacement (HIRL) and Airfield Signage Improvements; Phase 2, Constructi

Application

49 USC § 47105(d), authorizes the Secretary to require me certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program. General standards for final acceptance and close out of federally funded construction projects are in 2 CFR § 200.343 – Closeout and supplemented by FAA Order 5100.38. The sponsor must determine that project costs are accurate and proper in accordance with specific requirements of the grant agreement and contract documents.

Certification Statements

Except for certification statements below marked not applicable (N/A), this list includes major requirements of the construction project. Selecting “Yes” represents sponsor acknowledgment and confirmation of the certification statement. The term “will” means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. The personnel engaged in project administration, engineering supervision, project inspection, and acceptance testing were or will be determined to be qualified and competent to perform the work (Grant Assurance).
☒ Yes ☐ No ☐ N/A
2. Construction records, including daily logs, were or will be kept by the resident engineer/construction inspector that fully document contractor's performance in complying with:
 - a. Technical standards (Advisory Circular (AC) 150/5370-12);
 - b. Contract requirements (2 CFR part 200 and FAA Order 5100.38); and
 - c. Construction safety and phasing plan measures (AC 150/5370-2).☒ Yes ☐ No ☐ N/A
3. All acceptance tests specified in the project specifications were or will be performed and documented. (AC 150/5370-12).
☒ Yes ☐ No ☐ N/A

4. Sponsor has taken or will take appropriate corrective action for any test result outside of allowable tolerances (AC 150/5370-12).
☒ Yes ☐ No ☐ N/A
5. Pay reduction factors required by the specifications were applied or will be applied in computing final payments with a summary made available to the FAA (AC 150/5370-10).
☒ Yes ☐ No ☐ N/A
6. Sponsor has notified, or will promptly notify the Federal Aviation Administration (FAA) of the following occurrences:
- a. Violations of any federal requirements set forth or included by reference in the contract documents (2 CFR part 200);
 - b. Disputes or complaints concerning federal labor standards (29 CFR part 5); and
 - c. Violations of or complaints addressing conformance with Equal Employment Opportunity or Disadvantaged Business Enterprise requirements (41 CFR Chapter 60 and 49 CFR part 26).
- ☒ Yes ☐ No ☐ N/A
7. Weekly payroll records and statements of compliance were or will be submitted by the prime contractor and reviewed by the sponsor for conformance with federal labor and civil rights requirements as required by FAA and U.S. Department of Labor (29 CFR Part 5).
☒ Yes ☐ No ☐ N/A
8. Payments to the contractor were or will be made in conformance with federal requirements and contract provisions using sponsor internal controls that include:
- a. Retaining source documentation of payments and verifying contractor billing statements against actual performance (2 CFR § 200.302 and FAA Order 5100.38);
 - b. Prompt payment of subcontractors for satisfactory performance of work (49 CFR § 26.29);
 - c. Release of applicable retainage upon satisfactory performance of work (49 CFR § 26.29); and
 - d. Verification that payments to DBEs represent work the DBE performed by carrying out a commercially useful function (49 CFR §26.55).
- ☒ Yes ☐ No ☐ N/A
9. A final project inspection was or will be conducted with representatives of the sponsor and the contractor present that ensure:
- a. Physical completion of project work in conformance with approved plans and specifications (Order 5100.38);
 - b. Necessary actions to correct punch list items identified during final inspection are complete (Order 5100.38); and
 - c. Preparation of a record of final inspection and distribution to parties to the contract (Order 5100.38);
- ☒ Yes ☐ No ☐ N/A
10. The project was or will be accomplished without material deviations, changes, or modifications from approved plans and specifications, except as approved by the FAA (Order 5100.38).
☒ Yes ☐ No ☐ N/A

11. The construction of all buildings have complied or will comply with the seismic construction requirements of 49 CFR § 41.120.

☐ Yes ☐ No ☒ N/A

12. For development projects, sponsor has taken or will take the following close-out actions:

- a. Submit to the FAA a final test and quality assurance report summarizing acceptance test results, as applicable (Grant Condition);
- b. Complete all environmental requirements as established within the project environmental determination (Order 5100.38); and
- c. Prepare and retain as-built plans (Order 5100.38).

☒ Yes ☐ No ☐ N/A

13. Sponsor has revised or will revise their airport layout plan (ALP) that reflects improvements made and has submitted or will submit an updated ALP to the FAA no later than 90 days from the period of performance end date. (49 USC § 47107 and Order 5100.38).

☒ Yes ☐ No ☐ N/A

Attach documentation clarifying any above item marked with "No" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

Executed on this _____ day of _____, _____.

Name of Sponsor: City of Redding

Name of Sponsor's Authorized Official: Andrew Solsvig

Title of Sponsor's Authorized Official: Airports Manager

Signature of Sponsor's Authorized Official: Andrew Solsvig

Digitally signed by Andrew
Solsvig
Date: 2025.04.04 11:48:53 -07'00'

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Drug-Free Workplace Airport Improvement Program Sponsor Certification

Sponsor: City of Redding

Airport: Redding Regional (RDD)

Project Number: 3-06-0194-0XX-2025

Description of Work: Runway 16-34 Rehabilitation; Connector Taxiway H, Rwy 16-34 Shoulder and Runway 16-34 Blast Pad Reconstruction; MAGVAR updates; Runway 16-34 High Intensity Light Replacement (HIRL) and Airfield Signage Improvements; Phase 2, Construction.

Application

49 USC § 47105(d) authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General requirements on the drug-free workplace within federal grant programs are described in 2 CFR part 182. Sponsors are required to certify they will be, or will continue to provide, a drug-free workplace in accordance with the regulation. The AIP project grant agreement contains specific assurances on the Drug-Free Workplace Act of 1988.

Certification Statements

Except for certification statements below marked as not applicable (N/A), this list includes major requirements of the construction project. Selecting "Yes" represents sponsor acknowledgement and confirmation of the certification statement. The term "will" means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. A statement has been or will be published prior to commencement of project notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the sponsor's workplace, and specifying the actions to be taken against employees for violation of such prohibition (2 CFR § 182.205).

☒ Yes ☐ No ☐ N/A

2. An ongoing drug-free awareness program (2 CFR § 182.215) has been or will be established prior to commencement of project to inform employees about:

- a. The dangers of drug abuse in the workplace;
- b. The sponsor's policy of maintaining a drug-free workplace;
- c. Any available drug counseling, rehabilitation, and employee assistance programs; and
- d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.

☒ Yes ☐ No ☐ N/A

3. Each employee to be engaged in the performance of the work has been or will be given a copy of the statement required within item 1 above prior to commencement of project (2 CFR § 182.210).

☒ Yes ☐ No ☐ N/A

4. Employees have been or will be notified in the statement required by item 1 above that, as a condition employment under the grant (2 CFR § 182.205(c)), the employee will:

- a. Abide by the terms of the statement; and
- b. Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction.

☒ Yes ☐ No ☐ N/A

5. The Federal Aviation Administration (FAA) will be notified in writing within 10 calendar days after receiving notice under item 4b above from an employee or otherwise receiving actual notice of such conviction (2 CFR § 182.225). Employers of convicted employees must provide notice, including position title of the employee, to the FAA (2 CFR § 182.300).

☒ Yes ☐ No ☐ N/A

6. One of the following actions (2 CFR § 182.225(b)) will be taken within 30 calendar days of receiving a notice under item 4b above with respect to any employee who is so convicted:

- a. Take appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; and
- b. Require such employee to participate satisfactorily in drug abuse assistance or rehabilitation programs approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency.

☒ Yes ☐ No ☐ N/A

7. A good faith effort will be made, on a continuous basis, to maintain a drug-free workplace through implementation of items 1 through 6 above (2 CFR § 182.200).

☒ Yes ☐ No ☐ N/A

Site(s) of performance of work (2 CFR § 182.230):

Location 1

Name of Location: Redding Regional Airport

Address: Redding, California

Location 2 (if applicable)

Name of Location:

Address:

Location 3 (if applicable)

Name of Location:

Address:

Attach documentation clarifying any above item marked with a "No" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

Executed on this day of , .

Name of Sponsor: City of Redding

Name of Sponsor's Authorized Official: Andrew Solsvig

Title of Sponsor's Authorized Official: Airports Manager

Signature of Sponsor's Authorized Official: Andrew Solsvig

Digitally signed by Andrew
Solsvig
Date: 2025.04.04 11:49:34 -07'00'

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Equipment and Construction Contracts Airport Improvement Sponsor Certification

Sponsor: City of Redding

Airport: Redding Regional (RDD)

Project Number: 3-06-0194-0XX-2025

Description of Work: Runway 16-34 Rehabilitation; Connector Taxiway H, Rwy 16-34 Shoulder and Runway 16-34 Blast Pad Reconstruction; MAGVAR updates; Runway 16-34 High Intensity Light Replacement (HIRL) and Airfield Signage Improvements; Phase 2, Constructi

Application

49 USC § 47105(d) authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General procurement standards for equipment and construction contracts within Federal grant programs are described in 2 CFR §§ 200.317-200.326. Labor and Civil Rights Standards applicable to the AIP are established by the Department of Labor (www.dol.gov) AIP Grant Assurance C.1—General Federal Requirements identifies all applicable Federal Laws, regulations, executive orders, policies, guidelines and requirements for assistance under the AIP. Sponsors may use state and local procedures provided the procurement conforms to these federal standards.

This certification applies to all equipment and construction projects. Equipment projects may or may not employ laborers and mechanics that qualify the project as a “covered contract” under requirements established by the Department of Labor requirements. Sponsor shall provide appropriate responses to the certification statements that reflect the character of the project regardless of whether the contract is for a construction project or an equipment project.

Certification Statements

Except for certification statements below marked as not applicable (N/A), this list includes major requirements of the construction project. Selecting “Yes” represents sponsor acknowledgement and confirmation of the certification statement. The term “will” means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. A written code or standard of conduct is or will be in effect prior to commencement of the project that governs the performance of the sponsor’s officers, employees, or agents in soliciting, awarding and administering procurement contracts (2 CFR § 200.318).

☒ Yes ☐ No ☐ N/A

2. For all contracts, qualified and competent personnel are or will be engaged to perform contract administration, engineering supervision, construction inspection, and testing (Grant Assurance C.17).
☒ Yes ☐ No ☐ N/A
3. Sponsors that are required to have a Disadvantage Business Enterprise (DBE) program on file with the FAA have included or will include clauses required by Title VI of the Civil Rights Act and 49 CFR Part 26 for Disadvantaged Business Enterprises in all contracts and subcontracts.
☒ Yes ☐ No ☐ N/A
4. Sponsors required to have a DBE program on file with the FAA have implemented or will implement monitoring and enforcement measures that:
- a. Ensure work committed to Disadvantaged Business Enterprises at contract award is actually performed by the named DBEs (49 CFR § 26.37(b));
 - b. Include written certification that the sponsor has reviewed contract records and has monitored work sites for performance by DBE firms (49 CFR § 26.37(b)); and
 - c. Provides for a running tally of payments made to DBE firms and a means for comparing actual attainments (i.e. payments) to original commitments (49 CFR § 26.37(c)).
- ☒ Yes ☐ No ☐ N/A
5. Sponsor procurement actions using the competitive sealed bid method (2 CFR § 200.320(c)). was or will be:
- a. Publicly advertised, allowing a sufficient response time to solicit an adequate number of interested contractors or vendors;
 - b. Prepared to include a complete, adequate and realistic specification that defines the items or services in sufficient detail to allow prospective bidders to respond;
 - c. Publicly opened at a time and place prescribed in the invitation for bids; and
 - d. Prepared in a manner that result in a firm fixed price contract award to the lowest responsive and responsible bidder.
- ☒ Yes ☐ No ☐ N/A
6. For projects the Sponsor proposes to use the competitive proposal procurement method (2 CFR § 200.320(d)), Sponsor has requested or will request FAA approval prior to proceeding with a competitive proposal procurement by submitting to the FAA the following:
- a. Written justification that supports use of competitive proposal method in lieu of the preferred sealed bid procurement method;
 - b. Plan for publicizing and soliciting an adequate number of qualified sources; and
 - c. Listing of evaluation factors along with relative importance of the factors.
- ☐ Yes ☐ No ☒ N/A
7. For construction and equipment installation projects, the bid solicitation includes or will include the current federal wage rate schedule(s) for the appropriate type of work classifications (2 CFR Part 200, Appendix II).
☒ Yes ☐ No ☐ N/A

8. Concurrence was or will be obtained from the Federal Aviation Administration (FAA) prior to contract award under any of the following circumstances (Order 5100.38D):
- a. Only one qualified person/firm submits a responsive bid;
 - b. Award is to be made to other than the lowest responsible bidder; and
 - c. Life cycle costing is a factor in selecting the lowest responsive bidder.
- ☒ Yes ☐ No ☐ N/A
9. All construction and equipment installation contracts contain or will contain provisions for:
- a. Access to Records (§ 200.336)
 - b. Buy American Preferences (Title 49 U.S.C. § 50101)
 - c. Civil Rights - General Provisions and Title VI Assurances(41 CFR part 60)
 - d. Federal Fair Labor Standards (29 U.S.C. § 201, et seq)
 - e. Occupational Safety and Health Act requirements (20 CFR part 1920)
 - f. Seismic Safety – building construction (49 CFR part 41)
 - g. State Energy Conservation Requirements - as applicable(2 CFR part 200, Appendix II)
 - h. U.S. Trade Restriction (49 CFR part 30)
 - i. Veterans Preference (49 USC § 47112(c))
- ☒ Yes ☐ No ☐ N/A
10. All construction and equipment installation contracts exceeding \$2,000 contain or will contain the provisions established by:
- a. Davis-Bacon and Related Acts (29 CFR part 5)
 - b. Copeland "Anti-Kickback" Act (29 CFR parts 3 and 5)
- ☒ Yes ☐ No ☐ N/A
11. All construction and equipment installation contracts exceeding \$3,000 contain or will contain a contract provision that discourages distracted driving (E.O. 13513).
- ☒ Yes ☐ No ☐ N/A
12. All contracts exceeding \$10,000 contain or will contain the following provisions as applicable:
- a. Construction and equipment installation projects - Applicable clauses from 41 CFR Part 60 for compliance with Executive Orders 11246 and 11375 on Equal Employment Opportunity;
 - b. Construction and equipment installation - Contract Clause prohibiting segregated facilities in accordance with 41 CFR part 60-1.8;
 - c. Requirement to maximize use of products containing recovered materials in accordance with 2 CFR § 200.322 and 40 CFR part 247; and
 - d. Provisions that address termination for cause and termination for convenience (2 CFR Part 200, Appendix II).
- ☒ Yes ☐ No ☐ N/A

13. All contracts and subcontracts exceeding \$25,000: Measures are in place or will be in place (e.g. checking the System for Award Management) that ensure contracts and subcontracts are not awarded to individuals or firms suspended, debarred, or excluded from participating in federally assisted projects (2 CFR parts 180 and 1200).

☒ Yes ☐ No ☐ N/A

14. Contracts exceeding the simplified acquisition threshold (currently \$250,000) include or will include provisions, as applicable, that address the following:

- a. Construction and equipment installation contracts - a bid guarantee of 5%, a performance bond of 100%, and a payment bond of 100% (2 CFR § 200.325);
- b. Construction and equipment installation contracts - requirements of the Contract Work Hours and Safety Standards Act (40 USC 3701-3708, Sections 103 and 107);
- c. Restrictions on Lobbying and Influencing (2 CFR part 200, Appendix II);
- d. Conditions specifying administrative, contractual and legal remedies for instances where contractor or vendor violate or breach the terms and conditions of the contract (2 CFR §200, Appendix II); and
- e. All Contracts - Applicable standards and requirements issued under Section 306 of the Clean Air Act (42 USC 7401-7671q), Section 508 of the Clean Water Act (33 USC 1251-1387, and Executive Order 11738.

☒ Yes ☐ No ☐ N/A

Attach documentation clarifying any above item marked with "No" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

Executed on this day of , .

Name of Sponsor: City of Redding

Name of Sponsor's Authorized Official: Andrew Solsvig

Title of Sponsor's Authorized Official: Airports Manager

Signature of Sponsor's Authorized Official: _____

Andrew Solsvig

Digitally signed by Andrew
Solsvig
Date: 2025.04.04 11:50:05
-07'00'

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Project Plans and Specifications

Airport Improvement Program Sponsor Certification

Sponsor: City of Redding

Airport: Redding Regional (RDD)

Project Number: 3-06-0194-0XX-2025

Description of Work: Runway 16-34 Rehabilitation; Connector Taxiway H, Rwy 16-34 Shoulder and Runway 16-34 Blast Pad Reconstruction; MAGVAR updates; Runway 16-34 High Intensity Light Replacement (HIRL) and Airfield Signage Improvements; Phase 2, Constructi

Application

49 USC § 47105(d) authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). Labor and civil rights standards applicable to AIP are established by the Department of Labor (www.dol.gov/). AIP Grant Assurance C.1—General Federal Requirements identifies applicable federal laws, regulations, executive orders, policies, guidelines and requirements for assistance under AIP. A list of current advisory circulars with specific standards for procurement, design or construction of airports, and installation of equipment and facilities is referenced in standard airport sponsor Grant Assurance 34 contained in the grant agreement.

Certification Statements

Except for certification statements below marked as not applicable (N/A), this list includes major requirements of the construction project. Selecting "Yes" represents sponsor acknowledgement and confirmation of the certification statement. The term "will" means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. The plans and specifications were or will be prepared in accordance with applicable federal standards and requirements, so that no deviation or modification to standards set forth in the advisory circulars, or FAA-accepted state standard, is necessary other than those explicitly approved by the Federal Aviation Administration (FAA) (14 USC § 47105).
☒ Yes ☐ No ☐ N/A
2. Specifications incorporate or will incorporate a clear and accurate description of the technical requirement for the material or product that does not contain limiting or proprietary features that unduly restrict competition (2 CFR §200.319).
☒ Yes ☐ No ☐ N/A

3. The development that is included or will be included in the plans is depicted on the current airport layout plan as approved by the FAA (14 USC § 47107).
☒ Yes ☐ No ☐ N/A
4. Development and features that are ineligible or unallowable for AIP funding have been or will be omitted from the plans and specifications (FAA Order 5100.38, par. 3-43).
☒ Yes ☐ No ☐ N/A
5. The specification does not use or will not use "brand name" or equal to convey requirements unless sponsor requests and receives approval from the FAA to use brand name (FAA Order 5100.38, Table U-5).
☒ Yes ☐ No ☐ N/A
6. The specification does not impose or will not impose geographical preference in their procurement requirements (2 CFR §200.319(b) and FAA Order 5100.38, Table U-5).
☒ Yes ☐ No ☐ N/A
7. The use of prequalified lists of individuals, firms or products include or will include sufficient qualified sources that ensure open and free competition and that does not preclude potential entities from qualifying during the solicitation period (2 CFR §319(d)).
☒ Yes ☐ No ☐ N/A
8. Solicitations with bid alternates include or will include explicit information that establish a basis for award of contract that is free of arbitrary decisions by the sponsor (2 CFR § 200.319(a)(7)).
☒ Yes ☐ No ☐ N/A
9. Concurrence was or will be obtained from the FAA if Sponsor incorporates a value engineering clause into the contract (FAA Order 5100.38, par. 3-57).
☒ Yes ☐ No ☐ N/A
10. The plans and specifications incorporate or will incorporate applicable requirements and recommendations set forth in the federally approved environmental finding (49 USC §47106(c)).
☒ Yes ☐ No ☐ N/A
11. The design of all buildings comply or will comply with the seismic design requirements of 49 CFR § 41.120. (FAA Order 5100.38d, par. 3-92)
☐ Yes ☐ No ☒ N/A
12. The project specification include or will include process control and acceptance tests required for the project by as per the applicable standard:
a. Construction and installation as contained in Advisory Circular (AC) 150/5370-10.
☒ Yes ☐ No ☐ N/A

b. Snow Removal Equipment as contained in AC 150/5220-20.

☐ Yes ☐ No ☒ N/A

c. Aircraft Rescue and Fire Fighting (ARFF) vehicles as contained in AC 150/5220-10.

☒ Yes ☐ No ☐ N/A

13. For construction activities within or near aircraft operational areas(AOA):

a. The Sponsor has or will prepare a construction safety and phasing plan (CSPP) conforming to Advisory Circular 150/5370-2.

b. Compliance with CSPP safety provisions has been or will be incorporated into the plans and specifications as a contractor requirement.

c. Sponsor will not initiate work until receiving FAA's concurrence with the CSPP (FAA Order 5100.38, Par. 5-29).

☒ Yes ☐ No ☐ N/A

14. The project was or will be physically completed without federal participation in costs due to errors and omissions in the plans and specifications that were foreseeable at the time of project design (49 USC §47110(b)(1) and FAA Order 5100.38d, par. 3-100).

☒ Yes ☐ No ☐ N/A

Attach documentation clarifying any above item marked with "No" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

Executed on this day of , .

Name of Sponsor: City of Redding

Name of Sponsor's Authorized Official: Andrew Solsvig

Title of Sponsor's Authorized Official: Airports Manager

Signature of Sponsor's Authorized Official: _____

Andrew Solsvig

Digitally signed by Andrew
Solsvig
Date: 2025.04.04 11:50:39
-07'00'

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Selection of Consultants

Airport Improvement Program Sponsor Certification

Sponsor: City of Redding

Airport: Redding Regional (RDD)

Project Number: 3-06-0194-0XX-2025

Description of Work: Runway 16-34 Rehabilitation; Connector Taxiway H, Rwy 16-34 Shoulder and Runway 16-34 Blast Pad Reconstruction; MAGVAR updates; Runway 16-34 High Intensity Light Replacement (HIRL) and Airfield Signage Improvements; Phase 2, Constructi

Application

49 USC § 47105(d) authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General requirements for selection of consultant services within federal grant programs are described in 2 CFR §§ 200.317-200.326. Sponsors may use other qualifications-based procedures provided they are equivalent to standards of Title 40 chapter 11 and FAA Advisory Circular 150/5100-14, Architectural, Engineering, and Planning Consultant Services for Airport Grant Projects.

Certification Statements

Except for certification statements below marked as not applicable (N/A), this list includes major requirements of the construction project. Selecting "Yes" represents sponsor acknowledgement and confirmation of the certification statement. The term "will" means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. Sponsor acknowledges their responsibility for the settlement of all contractual and administrative issues arising out of their procurement actions (2 CFR § 200.318(k)).
☒ Yes ☐ No ☐ N/A
2. Sponsor procurement actions ensure or will ensure full and open competition that does not unduly limit competition (2 CFR § 200.319).
☒ Yes ☐ No ☐ N/A
3. Sponsor has excluded or will exclude any entity that develops or drafts specifications, requirements, or statements of work associated with the development of a request-for-qualifications (RFQ) from competing for the advertised services (2 CFR § 200.319).
☒ Yes ☐ No ☐ N/A

4. The advertisement describes or will describe specific project statements-of-work that provide clear detail of required services without unduly restricting competition (2 CFR § 200.319).
☒ Yes ☐ No ☐ N/A
5. Sponsor has publicized or will publicize a RFQ that:
a. Solicits an adequate number of qualified sources (2 CFR § 200.320(d)); and
b. Identifies all evaluation criteria and relative importance (2 CFR § 200.320(d)).
☒ Yes ☐ No ☐ N/A
6. Sponsor has based or will base selection on qualifications, experience, and disadvantaged business enterprise participation with price not being a selection factor (2 CFR § 200.320(d)).
☒ Yes ☐ No ☐ N/A
7. Sponsor has verified or will verify that agreements exceeding \$25,000 are not awarded to individuals or firms suspended, debarred or otherwise excluded from participating in federally assisted projects (2 CFR § 180.300).
☒ Yes ☐ No ☐ N/A
8. A/E services covering multiple projects: Sponsor has agreed to or will agree to:
a. Refrain from initiating work covered by this procurement beyond five years from the date of selection (AC 150/5100-14); and
b. Retain the right to conduct new procurement actions for projects identified or not identified in the RFQ (AC 150/5100-14).
☒ Yes ☐ No ☐ N/A
9. Sponsor has negotiated or will negotiate a fair and reasonable fee with the firm they select as most qualified for the services identified in the RFQ (2 CFR § 200.323).
☒ Yes ☐ No ☐ N/A
10. The Sponsor's contract identifies or will identify costs associated with ineligible work separately from costs associated with eligible work (2 CFR § 200.302).
☒ Yes ☐ No ☐ N/A
11. Sponsor has prepared or will prepare a record of negotiations detailing the history of the procurement action, rationale for contract type and basis for contract fees (2 CFR § 200.318(i)).
☒ Yes ☐ No ☐ N/A
12. Sponsor has incorporated or will incorporate mandatory contract provisions in the consultant contract for AIP-assisted work (49 U.S.C. Chapter 471 and 2 CFR part 200 Appendix II)
☒ Yes ☐ No ☐ N/A

13. For contracts that apply a time-and-material payment provision (also known as hourly rates, specific rates of compensation, and labor rates), the Sponsor has established or will establish:

- a. Justification that there is no other suitable contract method for the services (2 CFR §200.318(j));
- b. A ceiling price that the consultant exceeds at their risk (2 CFR §200.318(j)); and
- c. A high degree of oversight that assures consultant is performing work in an efficient manner with effective cost controls in place 2 CFR §200.318(j)).

☒ Yes ☐ No ☐ N/A

14. Sponsor is not using or will not use the prohibited cost-plus-percentage-of-cost (CPPC) contract method. (2 CFR § 200.323(d)).

☒ Yes ☐ No ☐ N/A

Attach documentation clarifying any above item marked with "no" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Executed on this day of , .

Name of Sponsor: City of Redding

Name of Sponsor's Authorized Official: Andrew Solsvig

Title of Sponsor's Authorized Official: Airports Manager

Signature of Sponsor's Authorized Official: Andrew Solsvig Digitally signed by Andrew Solsvig
Date: 2025.04.04 11:51:16 -0700

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Certification and Disclosure Regarding Potential Conflicts of Interest Airport Improvement Program Sponsor Certification

Sponsor: City of Redding

Airport: Redding Regional (RDD)

Project Number: 3-06-0194-0XX-2025

Description of Work: Runway 16-34 Rehabilitation; Connector Taxiway H, Rwy 16-34 Shoulder and Runway 16-34 Blast Pad Reconstruction; MAGVAR updates; Runway 16-34 High Intensity Light Replacement (HIRL) and Airfield Signage Improvements; Phase 2, Constructi

Application

Title 2 CFR § 200.112 and § 1201.112 address Federal Aviation Administration (FAA) requirements for conflict of interest. As a condition of eligibility under the Airport Improvement Program (AIP), sponsors must comply with FAA policy on conflict of interest. Such a conflict would arise when any of the following have a financial or other interest in the firm selected for award:

- a) The employee, officer or agent,
- b) Any member of his immediate family,
- c) His or her partner, or
- d) An organization which employs, or is about to employ, any of the above.

Selecting "Yes" represents sponsor or sub-recipient acknowledgement and confirmation of the certification statement. Selecting "No" represents sponsor or sub-recipient disclosure that it cannot fully comply with the certification statement. If "No" is selected, provide support information explaining the negative response as an attachment to this form. This includes whether the sponsor has established standards for financial interest that are not substantial or unsolicited gifts are of nominal value (2 CFR § 200.318(c)). The term "will" means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance.

Certification Statements

1. The sponsor or sub-recipient maintains a written standards of conduct governing conflict of interest and the performance of their employees engaged in the award and administration of contracts (2 CFR § 200.318(c)). To the extent permitted by state or local law or regulations, such standards of conduct provide for penalties, sanctions, or other disciplinary actions for violations of such standards by the sponsor's and sub-recipient's officers, employees, or agents, or by contractors or their agents.

☒ Yes ☐ No

2. The sponsor's or sub-recipient's officers, employees or agents have not and will not solicit or accept gratuities, favors or anything of monetary value from contractors, potential contractors, or parties to sub-agreements (2 CFR § 200.318(c)).

☒ Yes ☐ No

3. The sponsor or sub-recipient certifies that it has disclosed and will disclose to the FAA any known potential conflict of interest (2 CFR § 1200.112).

☒ Yes ☐ No

Attach documentation clarifying any above item marked with "no" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and have the explanation for any item marked "no" is correct and complete.

Executed on this day of , .

Name of Sponsor: City of Redding

Name of Sponsor's Authorized Official: Andrew Solsvig

Title of Sponsor's Authorized Official: Airports Manager

Signature of Sponsor's Authorized Official: _____

Andrew Solsvig

Digitally signed by Andrew
Solsvig
Date: 2025.04.04 11:51:42
-07'00'

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.