

**PREAPPLICATION FOR FEDERAL ASSISTANCE**

**NEVADA COUNTY AIRPORT**  
**GRASS VALLEY, NEVADA COUNTY, CALIFORNIA**

**2023 AIRPORT IMPROVEMENT PROGRAM –**  
**AIRPORT LAYOUT PLAN NARRATIVE WITH**  
**UPDATED ALP DRAWINGS**

**AIRPORT GEOSPATIAL INFORMATION SYSTEM (AGIS)**  
**WITH OBSTRUCTION MITIGATION PLAN**

**NOVEMBER 28, 2022**

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**WITH OBSTRUCTION MITIGATION PLAN**

The County of Nevada has prepared and submits herewith a Preapplication for Federal Assistance for a grant under the Airport Improvement Program for an Airport Layout Plan Narrative with Updated Airport Layout Plan Drawings including an Airport Geospatial Information System (AGIS) with Obstruction Mitigation Plan for the Nevada County Airport.

This preapplication includes the documents listed in the FY23 AIP Pre-Application Checklist, including the FY23 Airport Project Schedule, Standard Form 424, FAA Form 5100-101, Program Narrative (Justification), project costs, Exhibit "A", Standard DOT Title VI Assurances, SAM certificate, and sponsor certifications.

**FY23 AIRPORT PROJECT SCHEDULE  
AIRPORT LAYOUT PLAN UPDATE**

Airport: Nevada County Airport, Grass Valley, California - ALP Update with AGIS with Obstruction Mitigation Plan

No.	Item	Date		Comments
		SFO ADO Due	Anticipated Submission	
1	Project Formulation Meeting with FAA			Meeting Held 8-11-2022
2	Submission of Pre-Application Checklist to ADO by: (Including Pre-Application, SOW, Justification)	11/30/22	11/30/22	Submitted 11-28-2022
3	Sponsor Submits IFE & Negotiated Fees for any Engineering Costs		1/30/23	
4	Final Application	5/1/23	4/1/23	

**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:

5a. Federal Entity Identifier:

GOO - 3-06-0095

5b. Federal Award Identifier:

**State Use Only:**

6. Date Received by State:

7. State Application Identifier:

**8. APPLICANT INFORMATION:**

\* a. Legal Name:

Nevada County Airport

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

94-6000526

\* c. UEI:

QDDBKGRJTRL5

**d. Address:**

\* Street1:

13083 John Bauer Avenue

Street2:

\* City:

Grass Valley

County/Parish:

Nevada

\* State:

CA: California

Province:

\* Country:

USA: UNITED STATES

\* Zip / Postal Code:

95945-9533

**e. Organizational Unit:**

Department Name:

Nevada County Airport

Division Name:

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

Prefix:

Mr.

\* First Name:

Kevin

Middle Name:

\* Last Name:

Edwards

Suffix:

Title:

Airport Manager

Organizational Affiliation:

\* Telephone Number:

530-273-3374

Fax Number:

\* Email:

kevin.edwards2@co.nevada.ca.us

**Application for Federal Assistance SF-424**

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

B: County Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

\* Other (specify):

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

Federal Aviation Administration

**11. Catalog of Federal Domestic Assistance Number:**

20.106

CFDA Title:

Airport Infrastructure Grant

**\* 12. Funding Opportunity Number:**

N/A

\* Title:

N/A

**13. Competition Identification Number:**

N/A

Title:

N/A

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

Add Attachment

Delete Attachment

View Attachment

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

Nevada County Airport, Grass Valley, Nevada County, CA - ALP Narrative with Updated ALP Drawings including an Airport Geospatial Information System (AGIS) with Obstruction Mitigation Plan

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

**Application for Federal Assistance SF-424**

**16. Congressional Districts Of:**

\* a. Applicant

\* b. Program/Project

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

Add Attachment

Delete Attachment

View Attachment

**17. Proposed Project:**

\* a. Start Date:

\* b. End Date:

**18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="220,500.00"/>
* b. Applicant	<input type="text" value="13,475.00"/>
* c. State	<input type="text" value="11,025.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="245,000.00"/>

**\* 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? (If "Yes," provide explanation in attachment.)**

Yes  No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

**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:  \* First Name:

Middle Name:

\* Last Name:

Suffix:

\* Title:

\* Telephone Number:  Fax Number:

\* Email:

\* Signature of Authorized Representative:

\* Date Signed:

## Application for Federal Assistance (Planning Projects)

### Part II – Project Approval Information

#### Section A – Statutory Requirements

The term “Sponsor” refers to the applicant name as provided in box 8 of the associated SF-424 form.

<b>Item 1</b>	Yes	No	
Does Sponsor maintain an active registration in the System for Award Management (www.SAM.gov)?			
<b>Item 2</b>	Yes	No	N/A
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?			
<b>Item 3</b>	Yes	No	N/A
Are there any foreseeable events that would delay completion of the project? If yes, provide attachment to this form that lists the events.			
<b>Item 4</b>	Yes	No	N/A
Is the project covered by another Federal assistance program? If yes, please identify other funding sources by the Catalog of Federal Domestic Assistance (CFDA) number.  CFDA: _____			
<b>Item 5</b>	Yes	No	N/A
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>			

## 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 III – Budget Information

### Section A – Budget Summary

Grant Program (a)	Federal Catalog No (b)	New or Revised Budget		
		Federal (c)	Non-Federal (d)	Total (e)
1. Airport Improvement Program	20-106	\$	\$	\$
2.				
<b>3. TOTALS</b>		\$	\$	\$

### Section B – Budget Categories (All Grant Programs)

4. Object Class Categories	Airport Improvement Program (1)		Other Program (2)		Total
	Amount	Adjustment + or (-) Amount (Use only for revisions)	Amount	Adjustment + or (-) Amount (Use only for revisions)	
a. Administrative expense	\$	\$	\$	\$	\$
b. Airport Planning					
c. Environmental Planning					
d. Noise Compatibility Planning					
e. Subtotal					
f. Program Income					
<b>g. TOTALS</b> (line e minus line f)	\$	\$	\$	\$	\$

### Section C – Non-Federal Resources

Grant Program (a)	Applicant (b)	State (c)	Other Sources (d)	Total (e)
5.	\$	\$	\$	\$
6.				
<b>7. TOTALS</b>	\$	\$	\$	\$

### Section D – Forecasted Cash Needs

Source of funds	Total for Project	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year
8. Federal	\$	\$	\$	\$	\$
9. Non-Federal					
<b>10. TOTAL</b>	\$	\$	\$	\$	\$

### Section E – Other Budget Information

11. Other Remarks: (attach sheets if necessary)
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**NEVADA COUNTY AIRPORT, GRASS VALLEY, NEVADA COUNTY, CALIFORNIA  
PREAPPLICATION FOR FEDERAL ASSISTANCE  
2023 AIRPORT IMPROVEMENT PROGRAM –  
AIRPORT LAYOUT PLAN NARRATIVE WITH UPDATED ALP DRAWINGS  
AIRPORT GEOSPATIAL INFORMATION SYSTEM (AGIS) SURVEY**

**PART IV  
PROGRAM NARRATIVE**

1. **OBJECTIVES**

A Preapplication for Federal Aviation Administration Airport Improvement Program funds has been prepared for an Airport Layout Plan Narrative with Updated ALP Drawings and Airport Geospatial Information System (AGIS) Survey proposed to be included in the 2023 Airport Improvement Program at the Nevada County Airport. The studies include the following:

The County of Nevada owns and operates Nevada County Airport located in Grass Valley, Nevada County, California. The most recent Airport Layout Plan for Nevada County Airport was completed in 2019. It is proposed in this project to perform a complete Airport Layout Plan Narrative with Updated Airport Layout Plan Drawings to guide possible future airport development while considering potential environmental and socioeconomic issues. The existing Airport Layout Plan will be evaluated, and additions and modifications made as necessary.

The updated Airport Layout Plan will be prepared to accommodate all forecast traffic and to meet FAA requirements. Special attention will be given to the following:

- Conformance with FAA Standards
- Evaluation of Existing Terrain Challenges
- Helicopter Parking
- Hangar Development
- Obstruction Evaluation and Mitigation

This Airport Layout Plan will consist of all items set forth in F.A.A. Advisory Circular 150/5070-6B, *Airport Master Plans*, including public involvement, environmental considerations including a cultural resource survey, a detailed inventory of existing facilities, aviation forecasts, facility requirements based on demand/capacity evaluation, development and evaluation of possible alternatives, detailed Airport Layout Plans, facility implementation plan, and financial feasibility analysis. The plan will also conform to SOP 2.0, *Standard Procedure for FAA Review and Approval of Airport Layout Plans*.

The purpose of this study is to prepare a comprehensive Airport Layout Plan Narrative with Updated Airport Layout Plan Drawings to provide appropriate criteria and guidelines for future short-term, mid-term, and long-term development of the airport so as to satisfy aviation demands that are compatible with community development.

As part of this Airport Layout Plan Update, F.A.A. has requested that an Airport Geospatial Information System (AGIS) survey be conducted to support the Airspace Analysis for approach and departure procedures into Runway Approach 7-25, along with the development of an Obstruction

Mitigation Plan. Nevada County Airport currently does not have any AGIS survey information.

2. **RESULTS OR BENEFITS EXPECTED**

The Airport Layout Plan Narrative with Updated Airport Layout Plan Drawings will provide the County of Nevada and the region with guidance for future potential development of the Nevada County Airport that supports its long-term goals as established by the County of Nevada. The plan will present a definitive strategy for airport development with detailed facility requirements, development costs, and suggested programs for financing project costs. This study will be the result of full consideration of the environment and compatibility with adjacent areas and communities, of City and County master plans, as well as the California Aviation Plan and National Airport System Plan.

The survey information collected during the AGIS survey will be utilized to assist in the development of an Obstruction Mitigation Plan as well as RVG approach and departure procedures for Runway 7/25 at the Nevada County Airport. Building elevations will also be provided to support the development of the Airport Layout Plan.

3. **APPROACH**

- a. *Plan of Action:* The airport study work program will conform to the phases and elements of work as described in F.A.A. Advisory Circular 150/5070-6, *Airport Master Plans*, latest edition, and will be prepared to meet all requirements of SOP 2.0, *Standard Procedure for FAA Review and Approval of Airport Layout Plans (ALPs)*. The Airport Property Map, Exhibit “A”, will conform to all requirements of SOP 3.0, *Standard Operating Procedure (SOP) for FAA Review of Exhibit “A” Airport Property Inventory Maps*. Data presented will conform to all criteria contained in FAA Advisory Circular 150/5300-13B, *Airport Design*. Appropriate data and recommendations from area-wide planning agencies and the California Department of Transportation, Division of Aeronautics, will be utilized and evaluated in this study. This study will include:

- Project Scoping
- A Narrative Report that includes:
  - ✓ Inventory of existing facilities.
  - ✓ Aeronautical forecasts (0-5, 6-10, & 11-20 years) to determine the need for new or expanded facilities.
  - ✓ Demand/Capacity Analysis.
  - ✓ Facility requirements determination.
  - ✓ Wildlife Hazard Management Issues Review
  - ✓ Cultural Resource Survey

- ✓ Preliminary Identification of Environmental Features
- ✓ Alternatives/Proposed Development including an explanation of proposed development items, near-term and future approach procedure requirements or effects, navigation aids or other equipment needs.
- ✓ Modification to Standards to indicate all items that do not conform to FAA standards for which FAA approval is being requested.
- ✓ Obstruction Surfaces
- ✓ Runway Protection Zone (RPZ) including a description of any incompatible land uses inside the RPZ.
- ✓ Penetrations and their dispositions obtained in the AGIS survey.
- ✓ A Development Summary including projects completed since the last ALP, projects proposed for the next 5 years, projects proposed for the 6-10 year period, and projects proposed for the 11-20 year period including cost estimates.
- ✓ Letters of Coordination with all levels of government, as needed.
- Airport Layout Plans:
  - ✓ Cover Sheet
  - ✓ Airport Layout Plan showing existing facilities, short-term proposed development, and ultimate development for the airport. The forecasts developed for operations and based aircraft and alternatives analysis will be used to develop this Airport Layout Plan. This plan will be updated to reflect the need to accommodate the forecast traffic indicated.
  - ✓ Data Tables including the wind rose, runway data tables, runway end data tables, and airport data tables. This information will provide the dimensional details of items shown on the Airport Layout Plan.
  - ✓ Terminal Area Layout Plan showing a large-scale plan of the terminal area facilities
  - ✓ Airport Airspace Drawing. This drawing will depict the critical surfaces for this airport as defined by FAR Part 77 and as they relate to existing topography. This plan will also show the areas where existing ground penetrates the Part 77 imaginary surfaces.
  - ✓ Inner Portion of Approach Surface Drawing. This drawing will show the plan/profile of the approaches to Runway 7 and Runway 25 for existing conditions and will show all items that penetrate the imaginary surface (vegetation, buildings, utilities, etc.).

- ✓ Airport Land Use Drawing showing land use recommendations.
- ✓ Airport Property Map/Exhibit A showing the airport property boundary, the various tracts of land that were acquired to develop the airport, and the method of acquisition.

The AGIS Surveys will be prepared by Woolpert, Inc., in accordance with FAA Advisory Circulars 150/5300-16A, -17C and -18B. Woolpert, Inc., will be engaged to provide the complete AGIS surveys for this project. Woolpert is a well-known and experienced survey firm and is approved by FAA for AGIS surveys. A detailed scope of services and plan of action for this project has been obtained from Woolpert and is included as Exhibit 1 to this Program Narrative.

The tasks will be completed as indicated in Table 2-1, Survey Requirements Matrix, under “Instrument Procedure Development” and “Airport Layout Plan (ALP)” of Advisory Circular 150/5300-18B.

Also included will be the development of an Obstruction Mitigation Plan that lays out planned mitigation for all identified obstructions.

4. **GEOGRAPHIC LOCATION**

The project included in this preapplication will be at the Nevada County Airport located in Grass Valley, Nevada County, California. The areas to be served will be the County of Nevada and areas of the County that will be served by the airport improvements.

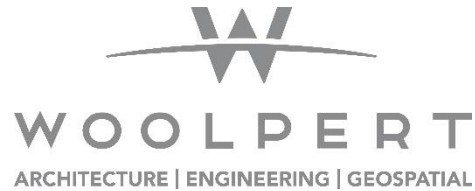
5. **SPONSOR’S REPRESENTATIVES**

Kevin Edwards, Airport Manager, 13083 John Bauer Avenue, Grass Valley, California 95945, Telephone: 530-273-3374, Email: [Kevin.Edwards2@co.nevada.ca.us](mailto:Kevin.Edwards2@co.nevada.ca.us)

6. **ATTACHMENTS**

Also included in this preapplication are the following attachments:

- Attachment 1 – Cost Estimates
- Attachment 2 – Exhibit A, Property Map
- Attachment 3 – Standard DOT Title VI Assurances
- Attachment 4 – System for Award Management (SAM)
- Attachment 5 – Sponsor Certifications



November 8<sup>th</sup> , 2021

R. Damon Brandley, PE  
 Brandley Engineering, Inc.  
 6125 King Road Suite 201  
 Loomis, CA 95650

**RE: Proposal: Aeronautical Survey at Nevada County (GOO) Airport**

Dear Mr Brandley:

We appreciate the opportunity to provide a proposal for supporting Brandley Engineering with geospatial services at the Nevada County (GOO) Airport, in Grass Valley, CA. The fee and bulleted list of scope functions is understood to be completed in accordance with the FAA Advisory Circulars 150/5300-16B, -17C, change 1 and -18B, with further guidance from the FAA Western-Pacific Region and the Office of Airports Safety and Standards (AAS) in Washington, D.C.

**Project Understanding**

Woolpert understands that this project is focused on the update of an Airport Layout Plan. Woolpert's role will be focused on meeting the requirements of AC-18B, Table 2-1, Survey Requirements Matrix, displayed in Exhibit "D" for the Airport Layout Plan (ALP) column and performing these three main tasks:

- 1) Obstruction analysis for AC 150/5300-18B, Vertically Guided Approach Obstruction Identification Surfaces as shown in Exhibit "A" for Existing Runway 07/25.
- 2) Planimetric/topographic mapping of Mapping Limits as shown in Exhibit "B." to record changes made at the airport since the previous ALP.
- 3) Part 77 – all surfaces, including Transitional & Primary, for Runway 07 Type 'C' and Runway 25 'B(V)'

Woolpert understands that these tasks shall provide geospatial analysis required to complete a potential relocation of the Automated Weather Observing System (AWOS).

**Task 01 - Obstruction analysis for AC 150/5300-18B, Vertically Guided Approach Obstruction Identification Surfaces as shown in Exhibit "A" for Existing Runway 07/25**

- Initiate and complete the AGIS Project process on the ADIP web portal as a Safety-Critical, No Design Data project.
  - Develop SOW and plans as required.
- Preliminary research shows that GOO does not possess PACS and one SACS. Our Woolpert Field Surveyors shall establish Temporary Survey Marks (TSMs) for this purpose in accordance with AC-16B.
- Establish photogrammetric control and collect stereo imagery covering the surface area defined by the Vertically Guided Runway standards.
  - Estimated 25 control points and 5 check points.
  - Collect imagery at a ground sample distance of 6-inch.
  - Collected with leaf-on conditions.
- Geo-referencing of aerial photography.
- Runway critical point survey on all usable runways.
- Runway profile survey on all usable runways.
- Navigational aid inventory for NAVAIDs associated to the airport (within 10 NM of ARP) including the associated perpendicular points.
- Obstruction analysis for objects penetrating the Vertically Guided surfaces.

- Woolpert has requested existing obstruction data for GOO from the FAA for review of the OIS. There are currently 2,707 existing published obstacles within a 5-mile radius of GOO, which Woolpert will verify as an added-value service at no extra cost.
  - Woolpert will collect objects penetrating the OIS using the Object Density Selection Criteria (ODSC) as specified in Section 2.7.1.6 of AC 150/5300-18B.
- Development of new ortho-photography of the limits shown in Exhibit “A”.
  - Pixel resolution of 6-inches.
  - A “MrSID” dataset will be developed and delivered to Brandley Engineering.
- Collect major landmark features within imagery coverage.
- Population of calculable and required attributes.
- Develop an AGIS compliant data file containing the safety critical data required to achieve instrument approach procedure development in the future.
- Develop the final reports to ADIP.
  - Imagery Acquisition Report
  - Final Project Report

#### **Task 02 - Planimetric/Topographic mapping of Mapping Limits as shown in Exhibit “B.”**

- Include mapping the defined Runway Protection Zone on 07 and 25 thresholds outside the fence.
- Utilize the imagery collected from Task 01
- Develop mapping features to generate 1”=100’ scale mapping at 2-foot contour intervals.
- Mapping will include features required for standard Airport Layout Plan (ALP) base mapping (Exhibit “C.”)
- Submit data to the Safety-Critical, No Design Data project created in Task 01.

#### **Task 03 - Obstruction analysis for FAR Part 77, for existing Runway 07/25**

- Obstruction analysis for surface penetrations of the FAR Part 77 surfaces.
  - Existing 07 is a Non-Precision Type “C” surface.
  - Existing 25 is a Visual Type “B” surface.
    - FAR Part 77 analysis will include Primary, Approach, Transition, Horizontal, and Conical surfaces.
- All railroad and road centerlines will have a spot elevation where they cross the extended runway centerline and the exterior limits of the OIS surfaces.
- Woolpert will collect objects penetrating the above-specified OIS using the object density selection criteria as specified in Section 2.7.1.6 of AC 150/5300-18B.
- Develop and deliver to Brandley a comma-separated values (CSV) file with the raw obstruction data containing information to all Obstacles that were collected within the Obstruction Identification Surfaces.
  - This CSV will contain only Point Number, Northing, Easting, Elevation, and Description.
  - All analysis spreadsheets and CAD files for the Part 77 and Table 3-2 surfaces are to be completed by Brandley.

**Fee Estimate Breakdown**

The survey fee estimate has been separated into individual breakdowns for each task.

Project Fee Estimate	
Task 01: AC-18B Obstruction Analysis & Imagery	\$55,614
Task 02: ALP/Planimetric/Topographic Mapping (2-foot)	\$20,748
Task 03: Part-77 Obstruction Analysis	\$ 7,446
<b>Project Total =</b>	<b>\$ 83,808</b>

Woolpert estimates the entire project to take 6 months from the date of imagery acquisition to the delivery of the final data file and report to the ADIP web portal, contingent on timely AGIS approvals. The proposed fee estimate is valid for ninety (90) days from proposal date. Please don't hesitate to contact me to discuss any comments or questions you may have (720.279.3764).

Sincerely,

*Dejan Damjanovic*

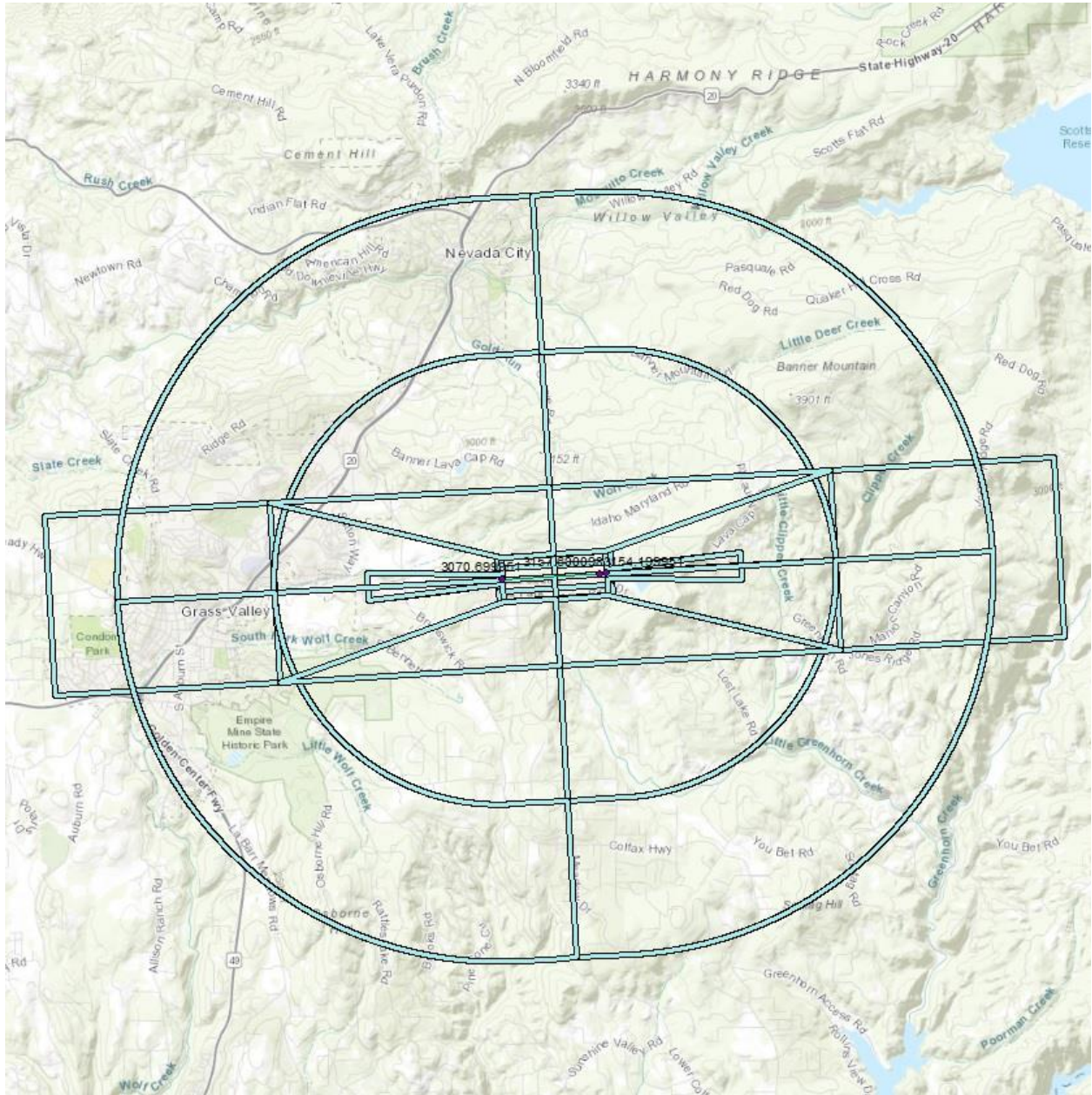
Woolpert, Inc.  
Dejan Damjanovic  
Aviation Geospatial Project Manager

*Eric Risner*

Woolpert, Inc.  
Eric Risner, VP, PS, IAM, PMP  
Aviation Practice Leader  
Senior Associate



# Exhibit A: Imagery Limits for -18B Vertically Guided Analysis, and Orthos





## Exhibit C: Feature Collection (where applicable)

Safety Critical					Non-Safety Critical				
	Ac 150/5300- 18b Section	Features	On Airport	Off Airport		Ac 150/5300- 18b Section	Features	On Airport	Off Airport
1	5.8.	AirportControlPoints	X	X	1	5.4.4.	AirfieldLight	X	
2	5.8.9.	CoordinateGridArea	X	X	2	5.4.15.	AirportSign	X	
3	5.4.19.	MarkingArea (Runway only)	X		3	5.4.1.	AircraftGateStand	X	
4	5.4.20.	MarkingLine (Runway only)	X		4	5.4.2.	AircraftNonMovementArea	X	
5	5.10.	Navaidequipment	X	X	5	5.4.16.	Apron	X	
6	5.5.2.	Obstacle	X	X	6	5.4.5.	ArrestingGear	X	
7	5.5.3.	ObstructionArea	X	X	7	5.13.1.	Bridge	X	X
8	5.5.4.	ObstructionDSurface	X	X	8	5.9.1.	Building	X	X
9	5.4.22.	Runway	X		9	5.13.2.	DrivewayArea	X	
10	5.4.25.	RunwayBlastPad	X		10	5.8.10.	ElevationContour	X	X
11	5.4.8.	RunwayCenterline	X		11	5.9.4.	Fence	X	
12	5.4.12.	RunwayElement	X		12	5.9.5.	Gate	X	
13	5.4.26.	RunwayEnd	X		13	5.8.11.	ImageArea	X	X
14	5.4.9.	RunwayHelipadDesignSurface	X	X	14	5.5.1.	LandmarkSegment	X	X
15	5.4.10.	RunwayIntersection	X		15	5.4.19.	MarkingArea (Off Runway)	X	
16	5.4.27.	RunwayLabel	X		16	5.4.20.	MarkingLine (Off Runway)	X	
17	5.4.11.	RunwayLAHSO	X		18	5.13.4.	ParkingLot	X	X
18	5.4.18.	TouchDownLiftOff	X		19	5.4.7.	PassengerLoadingBridge	X	
					20	5.13.5.	RailroadCenterline	X	X
					21	5.13.6.	RailroadYard	X	X
					22	5.13.7.	RoadCenterline	X	X
					23	5.13.8.	RoadPoint	X	X
					24	5.13.9.	RoadSegment	X	X
					25	5.4.24.	RunwayArrestingArea	X	
					26	5.7.11.	Shoreline	X	X
					27	5.4.29.	Shoulder	X	
					28	5.6.10.	State	X	X
					29	5.14.1.	TankSite	X	
					30	5.4.31.	TaxiwayElement	X	
					31	5.4.14.	Taxiwayholdingposition	X	
					32	5.4.30.	TaxiwayIntersection	X	
					33	5.9.6.	Tower	X	X
					35	5.7.5.	Forest Stand Area	X	X

## Exhibit D: FAA AC-18B Survey Requirements, Table 2-1

Intended End Use of the Data ➤	AC Reference	Airport Layout Plan (ALP )	Instrument Procedure Development
Required Tasks ▼			
Provide a Survey and Quality Control Plan	150/5300-16/17/18	•	•
Establish or validate Airport Geodetic Control	150/5300-16	•	•
Perform, document and report the tie to National Spatial Reference System (NSRS)	150/5300-16	•	•
Survey runway end(s)/threshold(s)	150/5300-18	•	•
Monument runway end(s)/threshold(s)	150/5300-18	•	•
Document runway end(s)/threshold location(s)	150/5300-18	•	• <sup>1</sup>
Identify and survey any displaced threshold(s)	150/5300-18	N/A	N/A
Monument displaced threshold(s)	150/5300-18	N/A	N/A
Document displaced threshold(s) location	150/5300-18	N/A	N/A
Determine or validate runway length	150/5300-18	•	•
Determine or validate runway width	150/5300-18	•	•
Determine runway profile using 50 foot stations	150/5300-18	N/A	N/A
Determine runway profile using 10 foot stations	150/5300-18	• <sup>2</sup>	•
Determine the touchdown zone elevation (TDZE)	150/5300-18	•	•
Determine and document the intersection point of all specially prepared hard surface (SPHS) runways	150/5300-18	•	
Determine and document the horizontal extents of any Stopways	150/5300-18	N/A	N/A
Determine any Stopway profiles	150/5300-18	N/A	N/A
Determine if the runway has an associated clearway	150/5300-18	N/A	N/A
Survey clearway to determine objects penetrating the slope	150/5300-18	N/A	N/A
Determine and document the taxiway intersection to threshold distance	150/5300-18	•	
Determine runway true azimuth	150/5300-18	•	•
Determine or validate and document the position of navigational aids	150/5300-18	•	•
Determine or validate and document the position of runway abeam points of navigational aids	150/5300-18		•
Perform or validate and document an airport airspace analysis	150/5300-18	•	•
Collect and document helicopter touchdown lift off area (TLOF)	150/5300-18	N/A	N/A
Collect and document helicopter final approach and takeoff area (FATO)	150/5300-18	N/A	N/A
Collect or validate and document airport planimetric data	150/5300-18	•	
Determine or validate the elevation of the Air Traffic Control Tower Cab Floor (if one is on the airport)	150/5300-18	•	
Perform or validate a topographic survey	150/5300-18	•	• <sup>1</sup>
Collect and document runway and taxiway lighting	150/5300-18	•	
Collect cultural and natural features of landmark value	150/5300-18	•	

<sup>1</sup> For Cat II and III radar altimeter area or if specifically requested

<sup>2</sup> All 14 CFR Part 139 airports require 10 foot stations. At all other airports the distance between stations is between 10 and 50 feet to meet local requirements



Intended End Use of the Data ➤	AC Reference	Airport Layout Plan (ALP)	Instrument Procedure Development
Required Tasks ▼			
Determine elevation of roadways at the intersecting point of the Runway Protection Zone (RPZ) or the runway centerline extended	150/5300-18	•	
Determine all Land Use to 65 DNL contour	150/5300-18	N/A	
Document features requiring digital photographs	150/5300-18	•	•
Document features requiring sketches	150/5300-18	•	•
Collect position and type of runway markings	150/5300-18	•	
Identify collect, and document wetlands or environmentally sensitive areas	150/5300-18	N/A	
Collect imagery	150/5300-17	•	•
Provide a final Project Report	150/5300-16/18	•	•

• = Required Task

**ATTACHMENT 1  
COST ESTIMATES**

**NEVADA COUNTY AIRPORT  
GRASS VALLEY, NEVADA COUNTY, CALIFORNIA**

Cost Estimates of the study and preparation of all phases of the ALP Narrative with Updated ALP Drawings are included in this attachment as follows:

- Attachment 1A– Breakdown of Engineering Costs
- Attachment 1B – Breakdown of Administration Costs
- Attachment 1C - Summary of Project Costs

**NEVADA COUNTY AIRPORT  
GRASS VALLEY, NEVADA COUNTY, CALIFORNIA  
2023 AIRPORT IMPROVEMENT PROGRAM - PLANNING**

**BREAKDOWN OF ENGINEERING COSTS**

**Airport Layout Plan Narrative with Updated ALP Drawings and AGIS Survey**

**Project Scoping**

Principal Engineer	10.0 Hrs. @	\$ 300.00	\$ 3,000.00	
Senior Engineer	7.0 Hrs. @	180.00	1,260.00	
Project Administrator	4.0 Hrs. @	100.00	400.00	
Mileage	660.0 Hrs. @	0.58	<u>382.80</u>	
<i>Total Project Scoping</i>			\$ 5,042.80	
			<b>Use</b>	\$ 5,000.00

**Airport Geospatial Information System (AGIS) and Obstruction Mitigation Plan**

AC-18B Obstruction Analysis & Imagery	Not to Exceed		\$ 55,614.00	
ALP/Planimetric/Topographic Mapping	Not to Exceed		20,748.00	
Part-77 Obstruction Analysis	Not to Exceed		7,446.00	
Principal Engineer	20.0 Hrs. @	\$ 300.00	6,000.00	
Junior Engineer	25.0 Hrs. @	110.00	2,750.00	
Project Administrator	5.0 Hrs. @	100.00	<u>500.00</u>	
<i>Total AGIS &amp; Obstruction Mitigation</i>			\$ 93,058.00	
			<b>Use</b>	93,000.00

**Narrative Report**

Principal Engineer	125.0 Hrs. @	\$ 300.00	\$ 37,500.00	
Senior Engineer	56.0 Hrs. @	180.00	10,080.00	
Senior Drafter	26.0 Hrs. @	110.00	2,860.00	
Project Administrator	18.0 Hrs. @	100.00	1,800.00	
Clerical	10.0 Hrs. @	75.00	750.00	
Environmental Subconsultant			<u>8,500.00</u>	
<i>Total Narrative Report</i>			\$ 61,490.00	
			<b>Use</b>	62,000.00

**ALP Updated Plans including Exhibit "A"**

Principal Engineer	63.0 Hrs. @	\$ 300.00	\$ 18,900.00	
Senior Engineer	200.0 Hrs. @	180.00	36,000.00	
Senior Drafter	40.0 Hrs. @	110.00	4,400.00	
Clerical	10.0 Hrs. @	75.00	<u>750.00</u>	
<i>Total ALP Updated Plans</i>			\$ 60,050.00	
			<b>Use</b>	60,000.00

**FAA Coordination**

Principal Engineer	15.0 Hrs. @	\$ 300.00	\$ 4,500.00	
Senior Engineer	15.0 Hrs. @	180.00	2,700.00	
Senior Drafter	15.0 Hrs. @	110.00	1,650.00	
Project Administrator	10.0 Hrs. @	100.00	1,000.00	
Clerical	4.0 Hrs. @	75.00	<u>300.00</u>	
<i>Total FAA Coordination</i>			\$ 10,150.00	
			<b>Use</b>	<u>10,000.00</u>

***Total Engineering Costs*** **\$ 230,000.00**

**NEVADA COUNTY AIRPORT**  
**GRASS VALLEY, NEVADA COUNTY, CALIFORNIA**  
**2023 AIRPORT IMPROVEMENT PROGRAM - PLANNING**

**BREAKDOWN OF ADMINISTRATION COSTS**

**Airport Layout Plan Narrative with Updated ALP Drawings and AGIS Survey**

Salaries - Nevada County Airport	\$ 8,000.00	
Independent Fee Estimate (IFE) Preparation	3,000.00	
Legal Notices, Mailing, Printing, etc.	4,000.00	
<i>Total Administration Costs</i>		\$ 15,000.00



**NEVADA COUNTY AIRPORT  
GRASS VALLEY, NEVADA COUNTY, CALIFORNIA**

**2023 AIRPORT IMPROVEMENT PROGRAM - PLANNING**

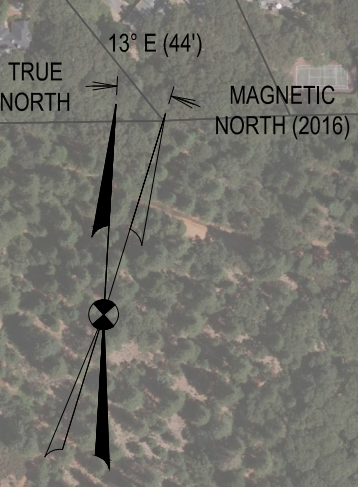
**AIRPORT LAYOUT PLAN NARRATIVE WITH UPDATED ALP DRAWINGS AND AGIS SURVEY**

**SUMMARY OF PROJECT COSTS**

Description	Engineering Cost	Administration Costs	Total Project Cost	F.A.A. Participation	Local Participation	State Participation
Airport Layout Plan Narrative with Updated ALP Drawings	\$ 137,000	\$ 10,000	\$ 147,000	\$ 132,300	\$ 8,085	\$ 6,615
Aeronautical Study and Obstruction Mitigation Plan	93,000	5,000	98,000	88,200	5,390	4,410
<b>Totals</b>	<b>\$ 230,000</b>	<b>\$ 15,000</b>	<b>\$ 245,000</b>	<b>\$ 220,500</b>	<b>\$ 13,475</b>	<b>\$ 11,025</b>

**ATTACHMENT 2**  
**EXHIBIT "A", PROPERTY MAP**

**NEVADA COUNTY AIRPORT**  
**GRASS VALLEY, NEVADA COUNTY, CALIFORNIA**



Existing Easement Data								
Parcel	APN	Acreage	Current Owner	Property Interest	Date Acquired	Recording Information (Book & Page)	FAA Grant Number	Usage
Parcel 5 Exception	06-401-03	±23.6	Unknown	Avigation Easement	1/16/1964	350 O.R. 19	N/A	Avigation Easement
Proposed Property Acquisition Data								
Parcel	APN	Acreage	Proposed Property Acquisition or Easement Subject to FAA Approval	Recording Information (Book & Page)	Current Owner	Current Land Use	Proposed Usage	
Lot 6	06-380.32	±3.2	Entire Parcel	420 O.R. 377 623 O.R. 378	Department of Transportation	Bus Storage	Aeronautical Development	

Existing Airport Property Data												
Parcel	APN	Acreage	Grantor	Recording Information (Book & Page)	Grantee	Type of Conveyance Instrument	Property Interest	Date Acquired	Usage	FAA Fund Source	FAA Grant Number	
Parcel 1				235 O.R. 238	County of Nevada		Fee Simple	7/31/1957	Airport	Local	N/A	
Parcel 2				295 O.R. 505	County of Nevada		Fee Simple	5/9/1960	Airport	Local	N/A	
Admin. Way	06-380-04	41.16		Unknown	County of Nevada		Fee Simple	1/1/1973	Airport	Local	N/A	
Parcel 16			Loma Rica Associates	1027 O.R. 368	County of Nevada	Grant Deed	Fee Simple	4/20/1979	Airport	Local	N/A	
Parcel 3			Nevada Irrigation District	349 O.R. 690	County of Nevada	Quitclaim Deed	Fee Simple	1/16/1964	Airport	Local	N/A	
Parcel 4			Eleanor Clark Giles	350 O.R. 4	County of Nevada	Grant Deed	Fee Simple	1/16/1964	Airport	Local	N/A	
Parcel 5				685 O.R. 336	County of Nevada		Fee Simple	4/10/1974	Airport	Local	N/A	
Parcel 6				699 O.R. 16	County of Nevada		Fee Simple	7/11/1974	Airport	Local	N/A	
Parcel 7				699 O.R. 21	County of Nevada		Fee Simple	7/11/1974	Airport	Local	N/A	
Parcel 8				699 O.R. 26	County of Nevada		Fee Simple	7/11/1974	Airport	Local	N/A	
Parcel 9	06-401-03	54.46		699 O.R. 31	County of Nevada		Fee Simple	7/11/1974	Airport	Local	N/A	
Parcel 10				699 O.R. 36	County of Nevada		Fee Simple	7/11/1974	Airport	Local	N/A	
Parcel 11				782 O.R. 640	County of Nevada		Fee Simple	4/16/1976	Airport	Local	N/A	
Parcel 12				798 O.R. 193	County of Nevada		Fee Simple	6/21/1976	Airport	Local	N/A	
Parcel 13				798 O.R. 350	County of Nevada		Fee Simple	6/22/1976	Airport	Local	N/A	
Parcel 14				822 O.R. 471	County of Nevada		Fee Simple	11/4/1976	Airport	Local	N/A	
Parcel 15				420 O.R. 377	County of Nevada		Fee Simple	5/9/1967	Airport	Local	N/A	
Airport Rd.				623 O.R. 378	County of Nevada		Fee Simple	11/13/1972	Airport	FAA	Unknown	
Lot 6	06-380-52	±7.5		623 O.R. 378	County of Nevada		Fee Simple	11/13/1972	Airport	FAA	Unknown	
Lot 2	06-380-33	1.30	Small Business Administration	541 O.R. 427, 623 O.R. 378	County of Nevada	Quitclaim Deed	Fee Simple	1/25/1971	Airport	Local	N/A	
Lot 5	06-380-49	6.65	Loma Rica Industrial Park	542 O.R. 529	County of Nevada	Grant Deed	Fee Simple	1/29/1971	Airport	Local	N/A	
Lot 3A	06-380-32	3.15		586 O.R. 495	County of Nevada		Fee Simple	1/31/1972	Airport	Local	N/A	
Lot 3B				630 O.R. 151	County of Nevada		Fee Simple	1/11/1973	Airport	Local	N/A	
Lot 4B				630 O.R. 148	County of Nevada		Fee Simple	10/12/1972	Airport	Local	N/A	
Lot 4A	06-380-53	2.90	Loma Rica Industrial Park	630 O.R. 148	County of Nevada	Grant Deed	Fee Simple	1/11/1973	Airport	Local	N/A	

C

C



**AIRPORT LAYOUT PLAN UPDATE**  
**NEVADA COUNTY AIRPORT**  
**COUNTY OF NEVADA**  
**CALIFORNIA**

B

B

A

A

LEGEND		
EXISTING	ULTIMATE	DESCRIPTION
N/A		Airfield Pavement
N/A		Roads/Parking Lot Pavement
N/A		On Airport Building
N/A		Demolition
		Airport Property Line
		Runway Safety Area (RSA)
		Runway Object Free Area (ROFA)
		Runway Protection Zone (RPZ)
		Part 77 Approach Surface
		Part 77 Primary Surface
		Easement Area

11/12	ALP APPROVAL	
MARK	DATE	DESCRIPTION
REVISIONS		
PROJECT NO: O95.001.002		
DATE: JUNE 2019		
DRAWN BY: J.J. SHURER		
DESIGNED BY: J.J. SHURER		
CHECKED BY: J. WATTS		

**EXHIBIT "A"**  
**AIRPORT**  
**PROPERTY**  
**INVENTORY**  
**MAP**

Jun 21, 2019 - 12:06pm - C:\Project\095 - Nevada County, CA\095.001.002 - ALP Narrative\Planning-Study\CADD\Sheet Files\095001002\_Property\_Map.dwg

**ATTACHMENT 3**  
**STANDARD DOT TITLE VI ASSURANCES**

**NEVADA COUNTY AIRPORT**  
**GRASS VALLEY, NEVADA COUNTY, CALIFORNIA**

**STANDARD DOT TITLE VI ASSURANCES**

County of Nevada (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 of 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 \_\_\_\_\_

COUNTY OF NEVADA  
(Sponsor)

By \_\_\_\_\_  
Kevin Edwards, Airport Manager

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**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 non-compliance 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.

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**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.
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**ATTACHMENT 4**  
**SYSTEM FOR AWARD MANAGEMENT (SAM)**

**NEVADA COUNTY AIRPORT**  
**GRASS VALLEY, NEVADA COUNTY, CALIFORNIA**



# COUNTY OF NEVADA

Unique Entity ID <b>QDDBKGRJTRL5</b>	CAGE / NCAGE <b>1P6F2</b>	Purpose of Registration <b>Federal Assistance Awards Only</b>
Registration Status <b>Active Registration</b>	Expiration Date <b>May 6, 2023</b>	
Physical Address <b>950 Maidu AVE Nevada City, California 95959-8600 United States</b>	Mailing Address <b>950 Maidu Avenue Nevada City, California 95959-8600 United States</b>	

## Business Information

Doing Business as <b>(blank)</b>	Division Name <b>(blank)</b>	Division Number <b>(blank)</b>
Congressional District <b>California 01</b>	State / Country of Incorporation <b>(blank) / (blank)</b>	URL <b>https://www.mynevadacounty.com/</b>

## Registration Dates

Activation Date <b>May 9, 2022</b>	Submission Date <b>May 6, 2022</b>	Initial Registration Date <b>May 4, 2000</b>
---------------------------------------	---------------------------------------	---

## Entity Dates

Entity Start Date <b>Jan 1, 1999</b>	Fiscal Year End Close Date <b>Jun 30</b>
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## Immediate Owner

CAGE <b>(blank)</b>	Legal Business Name <b>(blank)</b>
------------------------	---------------------------------------

## Highest Level Owner

CAGE <b>(blank)</b>	Legal Business Name <b>(blank)</b>
------------------------	---------------------------------------

## Executive Compensation

Registrants in the System for Award Management (SAM) respond to the Executive Compensation questions in accordance with Section 6202 of P.L. 110-252, amending the Federal Funding Accountability and Transparency Act (P.L. 109-282). This information is not displayed in SAM. It is sent to USAspending.gov for display in association with an eligible award. Maintaining an active registration in SAM demonstrates the registrant responded to the questions.

## Proceedings Questions

Registrants in the System for Award Management (SAM) respond to proceedings questions in accordance with FAR 52.209-7, FAR 52.209-9, or 2.C.F.R. 200 Appendix XII. Their responses are not displayed in SAM. They are sent to FAPIIS.gov for display as applicable. Maintaining an active registration in SAM demonstrates the registrant responded to the proceedings questions.

## Exclusion Summary

Active Exclusions Records?

**No**

## SAM Search Authorization

I authorize my entity's non-sensitive information to be displayed in SAM public search results:

**Yes**

## Entity Types

### Business Types

Entity Structure <b>U.S. Government Entity</b>	Entity Type <b>US Local Government</b>	Organization Factors <b>(blank)</b>
Profit Structure <b>(blank)</b>		

**Socio-Economic Types**

Check the registrant's Repts & Certs, if present, under FAR 52.212-3 or FAR 52.219-1 to determine if the entity is an SBA-certified HUBZone small business concern. Additional small business information may be found in the SBA's Dynamic Small Business Search if the entity completed the SBA supplemental pages during registration.

**Government Types**

**U.S. Local Government  
County**

**Financial Information**

Accepts Credit Card Payments <b>No</b>	Debt Subject To Offset <b>No</b>
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EFT Indicator <b>0000</b>	CAGE Code <b>1P6F2</b>
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**Points of Contact****Electronic Business**

 <b>Martin Polt, Deputy County Executive Officer</b>	<b>950 Maidu Avenue Nevada City, California 95959 United States</b>
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Georgette Aronow	950 Maidu Avenue Nevada City, California 95959 United States
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**Government Business**

 <b>Georgette Aronow, SR Management Analyst</b>	<b>950 Maidu AVE. County Executive Office Nevada City, California 95959 United States</b>
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Caleb Dardick, Asst. County Executive Officer	950 Maidu AVE. County Executive Office Nevada City, California 95959 United States
---	---

**Past Performance**

 <b>Georgette Aronow, Management Analyst</b>	<b>950 Maidu AVE. County Executive Office Nevada City, California 95959 United States</b>
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Martin Polt, Deputy County Executive Officer	950 Maidu Avenue Nevada City, California 95959 United States
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**Service Classifications****NAICS Codes**

Primary	NAICS Codes	NAICS Title
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**Disaster Response**

This entity does not appear in the disaster response registry.

**ATTACHMENT 5**  
**SPONSOR CERTIFICATIONS**

**NEVADA COUNTY AIRPORT**  
**GRASS VALLEY, NEVADA COUNTY, CALIFORNIA**

This attachment consists of the following Sponsor Certifications:

Drug-Free Workplace  
Selection of Consultants  
Potential Conflicts of Interests



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

## **FAA Form 5100-130, Drug-Free Workplace – Airport Improvement Program Sponsor Certification**

### **Paperwork Reduction Act Burden Statement**

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number. The OMB Control Number for this information collection is 2120-0569. Public reporting for this collection of information is estimated to be approximately 8 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information. All responses to this collection of information are required under 49 U.S.C. Section 47105 to retain a benefit and to meet the reporting requirements of 2 CFR 200. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, Federal Aviation Administration, 10101 Hillwood Parkway, Fort Worth, TX 76177-1524.



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## Drug-Free Workplace Airport Improvement Program Sponsor Certification

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Sponsor: County of Nevada

Airport: Nevada County Airport

Project Number: AIP No. 3-06-0095-

Description of Work: Airport Layout Plan Narrative with Updated Airport Layout Plan Drawings including an Airport Geospatial Information System (AGIS) with Obstruction Mitigation Plan

### 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: Nevada County Airport

Address: 13083 John Bauer Avenue, Grass Valley, CA 95945

**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: County of Nevada

Name of Sponsor's Authorized Official: Kevin Edwards

Title of Sponsor's Authorized Official: Airport Manager

**Signature** of Sponsor's Authorized Official: \_\_\_\_\_

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.





U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

## **FAA Form 5100-134, Selection of Consultants – Airport Improvement Program Sponsor Certification**

### **Paperwork Reduction Act Statement**

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## Selection of Consultants

### Airport Improvement Program Sponsor Certification

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Sponsor: County of Nevada

Airport: Nevada County Airport

Project Number: AIP No. 3-06-0095-

Description of Work: Airport Layout Plan Narrative with Updated Airport Layout Plan Drawings including an Airport Geospatial Information System (AGIS) with Obstruction Mitigation Plan

#### 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 contact 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: County of Nevada

Name of Sponsor's Authorized Official: Kevin Edwards

Title of Sponsor's Authorized Official: Airport Manager

**Signature** of Sponsor's Authorized Official: \_\_\_\_\_

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.



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

## **FAA Form 5100-135, Certification and Disclosure Regarding Potential Conflicts of Interest – Airport Improvement Program Sponsor Certification**

### **Paperwork Reduction Act Statement**

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

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Sponsor: County of Nevada

Airport: Nevada County Airport

Project Number: AIP No. 3-06-0095-

Description of Work: Airport Layout Plan Narrative with Updated Airport Layout Plan Drawings including an Airport Geospatial Information System (AGIS) with Obstruction Mitigation Plan

### 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 is 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: County of Nevada

Name of Sponsor's Authorized Official: Kevin Edwards

Title of Sponsor's Authorized Official: Airport Manager

**Signature** of Sponsor's Authorized Official: \_\_\_\_\_

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.