

APPLICATION FOR FEDERAL ASSISTANCE

**TRUCKEE TAHOE AIRPORT
TRUCKEE, CALIFORNIA**

**2023 AIRPORT IMPROVEMENT PROGRAM –
CONSTRUCT
RECONSTRUCT EXISTING RUNWAY 2-20
WITH AIRFIELD MARKING AND LIGHTING (PHASE 2)**

MARCH 30, 2023

APPLICATION FOR FEDERAL ASSISTANCE

**TRUCKEE TAHOE AIRPORT
TRUCKEE, CALIFORNIA**

**2023 AIRPORT IMPROVEMENT PROGRAM – CONSTRUCT
RECONSTRUCT EXISTING RUNWAY 2-20
WITH AIRFIELD MARKING AND LIGHTING**

The Truckee Tahoe Airport District has prepared and submits herewith an Application for Federal Assistance for a grant under the Airport Improvement Program for the construction of the Reconstruction of Existing Runway 2-20, With Airfield Marking and Lighting, at the Truckee Tahoe Airport.

This Application 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, NEPA Compliance, Exhibit "A", Standard DOT Title VI Assurances, SAM certificate, and sponsor certifications.

**FY23 AIRPORT PROJECT SCHEDULE
CONSTRUCTION PROJECTS**

Airport: Truckee Tahoe Airport
Project: Reconstruct Existing RW 2-20

No.	Item	Date		Comments
		SFO ADO Due	Anticipated Submission	
1	Project Formulation Meeting with FAA		Complete	
2	Execute Design Contract/Submit to ADO		Complete	Design Grant AIP # 042
3	Submit NEPA docs for ADO Review by	10/1/22	Complete	Submitted on 10-11-2020
4	Approval of NEPA no later than	12/31/22	Complete	Approval Received 10-26-2020
5	Preliminary Design at 30% Level		Complete	Completed 8/31/22
6	Submission of Pre-Application Checklist to ADO by: (Including Pre-Application, SOW, Justification)	11/30/22	11/30/22	Submitted on 11/30/22
7	Initiate CSPP Airspace Coordination (SMS & RSAD)		12/15/22	Initiated 1/3/23
8	Design Completed at 60% Level; CSPP Complete; SMS & RSAD Complete	1/1/23	Complete	
9	Sponsor Submits 90% Design Level to ADO by:		12/2/22	Submitted on 12/2/22
10	Sponsor Submission of IFE & Negotiated Fees for any Engineering Costs		1/31/23	
11	Sponsor Advertises Project by:		2/15/23	Advertised 2/27/23
12	Sponsor Open Bids, evaluation by:	4/15/23	3/15/23	Bids Open 3/29/23
13	Final Application with Amount Based on Bids	5/1/23	4/1/23	Submitted 3/30/23

Application for Federal Assistance SF-424	
*1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	
*2. Type of Application * If Revision, select appropriate letter(s): <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation * Other (Specify) <input type="checkbox"/> Revision	
*3. Date Received: 4. Applicant Identifier:	
5a. Federal Entity Identifier: KTRK - 3-06-0262-	5b. Federal Award Identifier:
State Use Only:	
6. Date Received by State:	7. State Application Identifier:
8. APPLICANT INFORMATION:	
*a. Legal Name: Truckee Tahoe Airport District	
*b. Employer/Taxpayer Identification Number (EIN/TIN): 94-1563328	*c. UEI: FE3TLKKSDCD5
d. Address:	
*Street 1: 10356 Truckee Tahoe Airport Road	
Street 2:	
*City: Truckee	
County/Parish: Nevada	
*State/Province: CA	
*Country: USA: United States	
*Zip / Postal Code 96161-1362	
e. Organizational Unit:	
Department Name: Airport District	Division Name:
f. Name and contact information of person to be contacted on matters involving this application:	
Prefix: Mr. *First Name: Robb	
Middle Name:	
*Last Name: Etnyre	
Suffix:	
Title: General Manager	
Organizational Affiliation:	
*Telephone Number: 530-587-4119 Ext. 105 Fax Number: (530) 587-2984	
*Email: robb.etnyre@truckeetahoeairport.com	

Application for Federal Assistance SF-424***9. Type of Applicant 1: Select Applicant Type:**

D: Special District 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:*11. Catalog of Federal Domestic Assistance Number:**

20.106

CFDA Title:

Airport Improvement Program

***12. Funding Opportunity Number:**

*Title:

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):***15. Descriptive Title of Applicant's Project:**

Truckee Tahoe Airport, Truckee, Nevada Co., CA - Construct: Reconstruct Existing Runway 2-20(75' x 4,654'), with Airfield Marking and Lighting

Attach supporting documents as specified in agency instructions.

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

*a. Applicant: CA-004

*b. Program/Project: CA-004

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

17. Proposed Project:

*a. Start Date: 06/01/2023

*b. End Date: 10/31/2024

18. Estimated Funding (\$):

*a. Federal	\$ 6,216,302
*b. Applicant	\$ 540,700
*c. State	\$ 150,000
*d. Local	\$ 0
*e. Other	\$ 0
*f. Program Income	
*g. TOTAL	\$ 6,907,002

***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 11/23/2022.
- ☐ 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: Robb

Middle Name:

*Last Name: Etnyre

Suffix:

*Title: General Manager

*Telephone Number: 530-587-4119 Ext 105

Fax Number: 530-587-2984

* Email: robb.etnyre@truckeeatahoeairport.com

*Signature of Authorized Representative:

*Date Signed:

3/30/2023

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)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 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).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 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.	
<input type="checkbox"/> 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? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> The project is included in another Federal Assistance program. Its CFDA number is below.	
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?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
If the request for Federal assistance includes a claim for allowable indirect costs, select the applicable indirect cost rate the Sponsor proposes to apply:	
<input type="checkbox"/> De Minimis rate of 10% as permitted by 2 CFR § 200.414.	
<input type="checkbox"/> Negotiated Rate equal to	% as approved by (Date) (2 CFR part 200, appendix VII).
(the Cognizant Agency)	
<i>Note: Refer to the instructions for limitations of application associated with claiming Sponsor indirect costs.</i>	

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:

County of Nevada and Truckee Tahoe Airport District have enacted height limit zoning ordinances to protect the Airport from objects penetrating approach and other critical surfaces.

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

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.

N/A

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]

Title in fee simple to all properties shown on Exhibit "A", Property Map dated July 2015, included in this Application as Attachment 1.

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:	

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			\$ 50,000
2. Preliminary expense			0
3. Land, structures, right-of-way			0
4. Architectural engineering basic fees			108,000
5. Other Architectural engineering fees			0
6. Project inspection fees			257,000
7. Land development			0
8. Relocation Expenses			0
9. Relocation payments to Individuals and Businesses			0
10. Demolition and removal			0
11. Construction and project improvement			6,492,002
12. Equipment			0
13. Miscellaneous			0
14. Subtotal (Lines 1 through 13)			\$ 6,907,002
15. Estimated Income (if applicable)			0
16. Net Project Amount (Line 14 minus 15)			6,907,002
17. Less: Ineligible Exclusions (Section C, line 23 g.)			0
18. Subtotal (Lines 16 through 17)			\$ 6,907,002
19. Federal Share requested of Line 18			6,216,302
20. Grantee share			540,700
21. Other shares			150,000
22. TOTAL PROJECT (Lines 19, 20 & 21)			\$ 6,907,002

SECTION C – EXCLUSIONS	
23. Classification (Description of non-participating work)	Amount Ineligible for Participation
a. None	
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)	540,700
d. Bonds	
e. Tax Levies	
f. Non-Cash	
g. Other (Explain):	
h. TOTAL - Grantee share	\$ 540,700
25. Other Shares	Amount
a. State	150,000
b. Other	
c. TOTAL - Other Shares	\$ 150,000
26. TOTAL NON-FEDERAL FINANCING	\$ 690,700

SECTION E – REMARKS (Attach sheets if additional space is required)
<p>Plans and specifications for this project are incorporated by reference. The Construction Safety and Phasing Plan (CSPP) for this project is incorporated by reference. The Construction Management Plan for this project is incorporated by reference.</p>

**TRUCKEE TAHOE AIRPORT – TRUCKEE, CALIFORNIA
APPLICATION FOR FEDERAL ASSISTANCE
2023 AIRPORT IMPROVEMENT PROGRAM – CONSTRUCTION
RECONSTRUCT EXISTING RUNWAY 2-20 WITH AIRFIELD MARKING AND LIGHTING**

PART IV

PROGRAM NARRATIVE

1. OBJECTIVES

An Application for Federal Aviation Administration Airport Improvement Program funds has been prepared for the Construction of the reconstruction of existing Runway 2-20 (75' x 4,654'), with airfield marking and lighting, proposed to be included in the 2023 Airport Improvement Program at the Truckee Tahoe Airport. This project is described as follows:

The 2014 Pavement Maintenance Management Plan (PMMP) prepared for Truckee Tahoe Airport shows that the pavement on Runway 2-20 needed to be reconstructed in 2022. This reconstruction will consist of pulverizing and recompacting existing AC and AB as ASB, placing new aggregate base course, and placing new asphalt surface course. There will be new pavement section constructed at the fillets for the cross taxiways required to meet the new geometry requirements for taxiway fillets in FAA's advisory circulars. Grading along the edge of the runway will be performed and shoulders and safety areas will be regraded to drain. The runway will be raised an average of 10 inches. Grooves will be saw cut in the asphalt pavements to minimize hydroplaning during wet weather, providing a skid resistant surface.

The existing runway lighting system is failing and going to ground as it an old direct burial lighting system. The runway lighting system will be replaced, including new lights, cans, and installation of underground electrical duct, wire, and guidance signs. A new regulator will be installed in the airfield electrical vault.

New airfield markings will be installed.

The PCI of the runway pavement is approximately 30 at this time according to the Pavement Maintenance Management Plan (PMMP) prepared in 2021. This PMMP recommends this reconstruction at this time.

The engineering design of this project was completed under AIP 042.

2. RESULTS OR BENEFITS EXPECTED

The reconstruction of the runway pavements will provide a safe and functional runway pavement for operations at the airport, which will have a remaining life so far as deep-seated distress is concerned of 20+ years.

The replacement of the runway lighting will improve the safety of operations on the Airport and allow for night operations.

3. **APPROACH**

a. *Plan of Action* - All airport design conforms to Advisory Circular 150/5300-13B, *Airport Design*. Specifications are being prepared based on Advisory Circular 150/5370-10H, *Standards for Specifying Construction of Airports*. All safety requirements as outlined in Advisory Circular 150/5370-2G, *Operational Safety on Airports During Construction* will be included in the Construction Safety and Phasing Plan prepared for this project.

The engineering will be performed in three phases, as follows:

Engineering Support During Bidding and Contract Award

- 1) Assist District in printing and distributing final plans and specifications to prospective contractors.
- 2) Participate in a pre-bid meeting for all prospective contractors.
- 3) Respond to any questions and comments from prospective contractors.
- 4) Preparation of required addenda.
- 5) Assist District in awarding contract including preparation of Abstract of Bids, evaluation of bids, and preparation of application for AIP funding.

Engineering Design Services During Construction and Project Closeout

- 1) Participate in a pre-construction conference.
- 2) Provide engineering surveillance of all construction operations, including attendance at weekly construction meetings, preparation of any change orders required, preparation of contractor pay estimates, preparation of F.A.A. reimbursement requests, review of all contractor submittals, preparation of final as-constructed drawings and final engineer's report, and updating the ALP to show as constructed conditions.

Construction Management - The Contractor will be required to furnish material submittals for all materials proposed for use on the project, provide all Quality Control Testing and Inspection during the construction of this project, and meet all requirements of the plans and specifications.

The Engineer will provide all Quality Assurance Testing and Inspection, which will include the following:

- 1) Furnish qualified Resident Engineer to review and monitor all construction activities. Provide all testing and inspection required as included in the quality assurance program including providing technicians and inspectors as required.
- 2) Provide all testing and inspection required as included in the quality assurance program including providing technicians and inspectors as required.
- 3) Provide surveying services as required.
- 4) Provide traffic safety inspectors and Safety Plan implementation.
- 5) Review and approve all contractor's quality control testing and inspection.

b. Consultant – The consultant who will work on the project will be Brandley Engineering. Brandley Engineering will perform the engineering support and construction management for this project.

4. **GEOGRAPHIC LOCATION**

This project included in this project Application will be at the Truckee Tahoe Airport located in Truckee, Nevada County, California. The areas to be served will be the Town of Truckee and areas of Nevada County and Placer County that will be served by the airport improvements.

The location and dimensions of the project are shown on the project sketch included as part of this Program Narrative.

5. **SPONSOR'S REPRESENTATIVES**

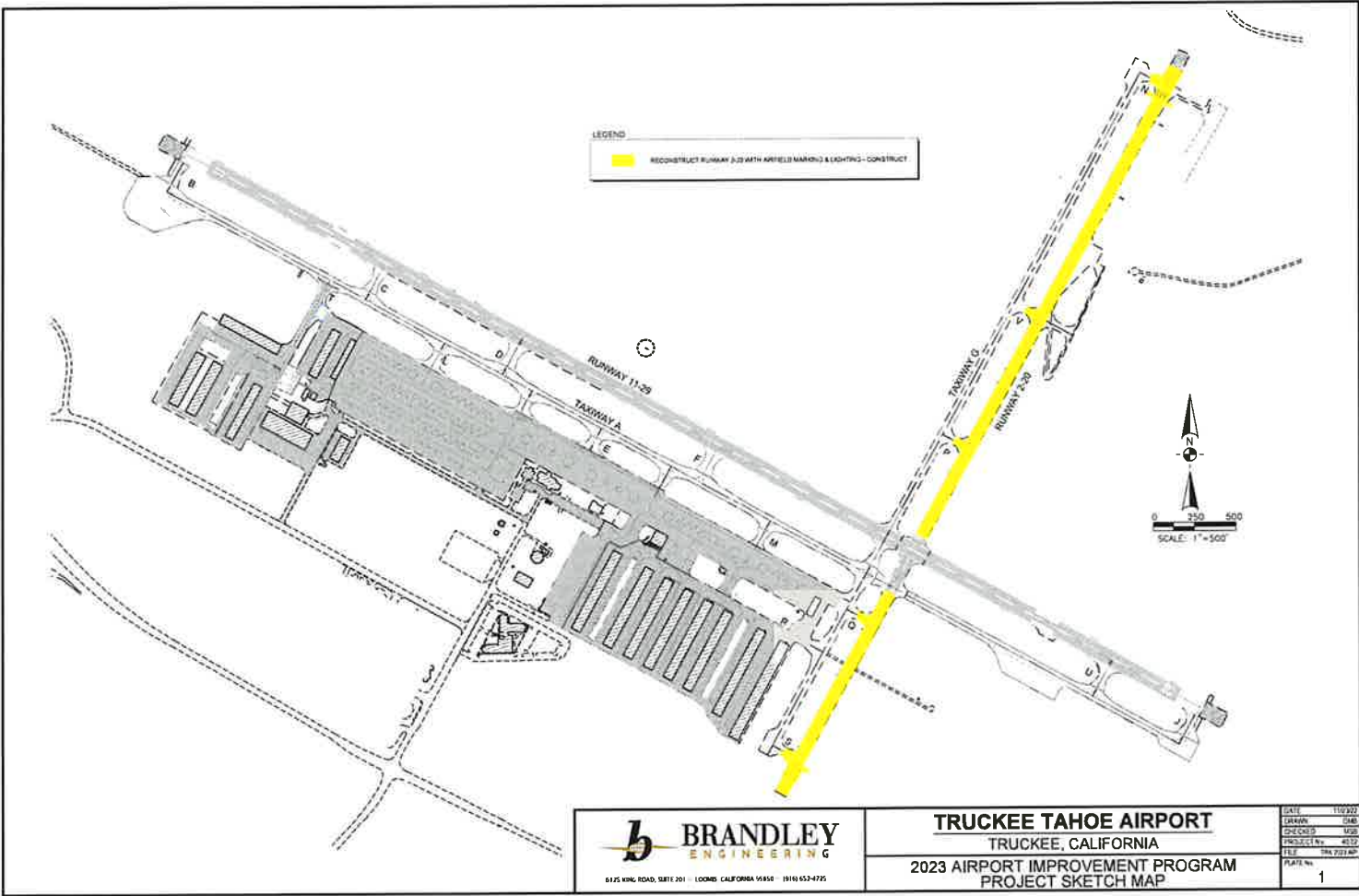
Robb Etnyre, General Manager, Truckee Tahoe Airport District, 10356 Truckee Tahoe Airport Road, Truckee, CA 96161, Telephone: 530-587-4119, Extension 105, Email: robb.etnyre@truckeetahoeairport.com

Dave Hoffman, Director of Operations and Maintenance, Truckee Tahoe Airport District, 10356 Truckee Tahoe Airport Road, Truckee, CA 96161, Telephone: 530-587-4119, Ext. 110, Email: dave.hoffman@truckeetahoeairport.com

6. **ATTACHMENTS**

Also included in this Application are the following attachments:

- Attachment 1 – Cost Estimates
- Attachment 2 – NEPA Compliance
- Attachment 3 – Exhibit A, Property Map
- Attachment 4 – Standard DOT Title VI Assurances
- Attachment 5 – System for Award Management (SAM)
- Attachment 6 - Sponsor Certifications



**ATTACHMENT 1
COST ESTIMATES**

**TRUCKEE TAHOE AIRPORT
TRUCKEE, NEVADA COUNTY, CALIFORNIA**

Cost Estimates of the project are included in this attachment as follows:

Attachment 1A – Engineer's Estimate of Construction Costs
Attachment 1B – Breakdown of Engineering Costs
Attachment 1C – Summary of Project Costs

Also included:
Record of Negotiations and
Independent Fee Estimate (IFE)

**TRUCKEE TAHOE AIRPORT
TRUCKEE, CALIFORNIA**

2023 AIRPORT IMPROVEMENT PROGRAM - CONSTRUCTION

CONSTRUCTION COSTS BASED ON BIDS

Reconstruct Existing Runway 2-20 with Airfield Marking and Lighting (Phase 2)

Item No.	Description	Unit	Quantity	Unit Cost	Total Cost
1	SWPPP Prepared by Qualified SWPPP Developer (QSD) and SWPPP Implementation and Monitoring (C-103)	LS	1.0	LS	\$ 118,000.00
2	Mobilization (C-105)	LS	1.0	LS	649,188.00
3	Marking and Lighting of Closed Airport Facilities (C-106)	LS	1.0	LS	90,000.00
4	Clearing and Grubbing (P-151)	Acre	11.0	\$ 6,000.00	66,000.00
5	Unclassified Excavation (P-152)	Cu Yd	6,900.0	40.00	276,000.00
6	Muck Excavation (P-152)	Cu Yd	1,950.0	50.00	97,500.00
7	Imported Fill (P-152)	Cu Yd	500.0	65.00	32,500.00
8	Scarify and Recompact Subgrade (P-152)	Sq Yd	11,000.0	4.00	44,000.00
9	Subbase Course (P-154)	Cu Yd	600.0	95.00	57,000.00
10	Geogrid (P-154)	Sq Yd	2,900.0	5.00	14,500.00
11	In-Place Full Depth Recycled (FDR) Asphalt Aggregate Subbase Course - Pulverizing and Mixing (P-207)	Sq. Yd.	45,000.0	1.00	45,000.00
12	In-Place Full Depth Recycled (FDR) Asphalt Aggregate Subbase Course - Regrade and Recompact (P-207)	Sq Yd	36,000.0	5.00	180,000.00
13	In-Place Full Depth Recycled (FDR) Asphalt Aggregate Subbase Course - Excavate, Haul, Place, and Compact (P-207)	Cu Yd	2,700.0	15.00	40,500.00
14	Mill Existing Asphalt Pavement (P-207)	Sq Yd	3,000.0	4.00	12,000.00
15	Crushed Aggregate Base Course (P-209)	Cu Yd	8,100.0	122.00	988,200.00
16	Scarify and Recompact Existing Aggregate Base Course (P-209)	Sq Yd	1,400.0	5.00	7,000.00
17	Asphalt Surface Course (P-401)	Ton	12,600.0	196.00	2,469,600.00
18	Emulsified Asphalt Prime Coat (P-602)	Ton	38.0	1,000.00	38,000.00

**TRUCKEE TAHOE AIRPORT
TRUCKEE, CALIFORNIA**

2023 AIRPORT IMPROVEMENT PROGRAM - CONSTRUCTION

CONSTRUCTION COSTS BASED ON BIDS

Reconstruct Existing Runway 2-20 with Airfield Marking and Lighting (Phase 2)

Item No.	Description	Unit	Quantity	Unit Cost	Total Cost
19	Emulsified Asphalt Tack Coat (P-603)	Ton	34.0	\$ 900.00	\$ 30,600.00
20	Joint Sealing Filler - Reseal Existing Joints (P-605)	Ln Ft	1,500.0	5.00	7,500.00
21	Surface Preparation - Marking Removal with Fog Seal (P-620)	Sq Ft	1,550.0	8.00	12,400.00
22	Airfield Marking (P-620)	Sq Ft	29,500.0	2.00	59,000.00
23	Reflective Media (P-620)	Lbs	2,600.0	5.00	13,000.00
24	Grooving (P-621)	Sq Yd	28,000.0	5.00	140,000.00
25	12" Corrugated HDPE Pipe (D-701)	Ln Ft	128.0	100.00	12,800.00
26	12" Plastic Flared End Sections (D-701)	Each	4.0	1,500.00	6,000.00
27	Rip Rap (D-701)	Ton	5.0	500.00	2,500.00
28	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in Conduit (L-108)	Ln Ft	14,000.0	2.94	41,160.00
29	No. 2 AWG, Solid, Bare Copper Counterpoise Wire, Installed Above Duct Bank or Conduit (L-108)	Ln Ft	12,000.0	3.60	43,200.00
30	No. 6 AWG, Stranded THWN-2 Equipment Ground, Installed in Conduit (L-108)	Ln Ft	12,350.0	2.80	34,580.00
31	Installation of Equipment Within Existing Vault, in Place (L-109)	LS	1.0	LS	25,900.00
32	Non-Encased Electrical Conduit, 1-way, 2-inch (L-110)	Ln Ft	8,650.0	26.00	224,900.00
33	Concrete Encased Electrical Conduit, 1-way, 2-inch (L-110)	Ln Ft	1,100.0	49.50	54,450.00
34	Concrete Encased Electrical Conduit, 2-way, 3-inch (L-110)	Ln Ft	535.0	83.00	44,405.00
35	Slurry Encased Duct Bank, 4-way/4-inch Communication and 4-way/4-inch Electrical (L-110)	Ln Ft	670.0	228.00	152,760.00
36	3-inch Directional Bore Electrical Conduit (L-110)	Ln Ft	550.0	49.00	26,950.00
37	Electrical Junction Structure, L-867, Class 1, Size B, with Steel Lid and Concrete Collar (L-115)	Ln Ft	6.0	1,400.00	8,400.00

**TRUCKEE TAHOE AIRPORT
TRUCKEE, CALIFORNIA**

2023 AIRPORT IMPROVEMENT PROGRAM - CONSTRUCTION

CONSTRUCTION COSTS BASED ON BIDS

Reconstruct Existing Runway 2-20 with Airfield Marking and Lighting (Phase 2)

Item No.	Description	Unit	Quantity	Unit Cost	Total Cost
38	Electrical Junction Structure, L-867, Class 1, Size D, with Steel Lid and Concrete Collar (L-115)	Each	13.0	\$ 1,900.00	\$ 24,700.00
39	Electrical Junction Structure, L-868, Class 1, Size B, with Steel Lid, Snow-Plow Ring and Concrete Collar (L-115)	Each	3.0	2,300.00	6,900.00
40	Electrical Junction Structure, 2' x 3' (L-115)	Ln Ft	6.0	11,400.00	68,400.00
41	Electrical Demolition (L-125)	LS	1.0	LS	15,000.00
42	New Retroreflective Marker, L-853 (L-125)	Each	29.0	140.00	4,060.00
43	L-861 Runway Edge Lights on L-867 Base, Complete (L-125)	Each	39.0	1,600.00	62,400.00
44	L-861E Runway Threshold Lights on L-867 Base, Complete (L-125)	Each	24.0	1,940.00	46,560.00
45	L-850C Flush Mounted Runway Edge Lights on L-868 Base with Snow Plow Ring, Complete (L-125)	Each	3.0	5,760.00	17,280.00
46	L-861T Taxiway Edge Lights on L-867 Base, Complete (L-125)	Each	2.0	3,760.00	7,520.00
47	New Solar Taxiway Edge Lights (L-125)	Each	27.0	707.00	19,089.00
48	Replace Existing L-830 Transformers and Lamps on Existing Signs, Size 1, Style 2, 2 Module (L-125)	Each	2.0	500.00	1,000.00
49	Replace Existing L-830 Transformers and Install LED Conversion on Existing Signs, Size 1, Style 2, 1 Module (L-125)	Each	2.0	1,000.00	2,000.00
50	Replace Existing L-830 Transformers and Install LED Conversion on Existing Signs, Size 4, Style 2, 1 Module ((L-125)	Each	2.0	500.00	1,000.00

**TRUCKEE TAHOE AIRPORT
TRUCKEE, CALIFORNIA**

2023 AIRPORT IMPROVEMENT PROGRAM - CONSTRUCTION

CONSTRUCTION COSTS BASED ON BIDS

Reconstruct Existing Runway 2-20 with Airfield Marking and Lighting (Phase 2)

Item No.	Description	Unit	Quantity	Unit Cost	Total Cost
51	Replace Existing L-830 Transformers and Install LED Conversion on Existing Signs, Size 1, Style 2, 2 Module (L-125)	Each	10.0	\$ 500.00	\$ 5,000.00
52	Remove and Relocate Existing Lighted Guidance Sign on New Sign Pad, including New Transformer and LED Conversion, Size 1, Style 2, 1 Module (L-125)	Each	5.0	4,700.00	23,500.00
53	Remove and Relocate Existing Lighted Guidance Sign on New Sign Pad, including New Transformer and LED Conversion, Size 4, Style 2, 1 Module (L-125)	Each	1.0	4,700.00	4,700.00
54	Furnish and Install New LED Guidance Sign on New Sign Pad, L-858Y, Size 1, Style 2, 2 Character, 1 Module (L-125)	Each	3.0	5,800.00	17,400.00
	Total Construction Cost				\$ 6,492,002.00

TRUCKEE TAHOE AIRPORT

2023 AIRPORT IMPROVEMENT PROGRAM - DESIGN

BREAKDOWN OF ENGINEERING COSTS*Reconstruct Existing Runway 2-20 with Airfield Marking and Lighting (Phase 2)*Phase 1 - Engineering Support During Bidding and Contract Award

Principal Engineer	16.0	Hrs @	\$	300.00	\$	4,800.00	
Senior Design Engineer	20.0	Hrs @		180.00		3,600.00	
Junior Engineer	10.0	Hrs @		120.00		1,200.00	
Project Administrator	10.0	Hrs @		100.00		1,000.00	
Clerical	10.0	Hrs @		85.00		850.00	
Mileage	500.0	Miles @		0.655		327.50	
Postage and Other Expenses						500.00	
<i>Total Phase 1 - Bidding and Contract Award</i>					\$	12,277.50	
						Use	\$ 12,000.00

Phase 2 - Engineering Design During Construction and Final Project Closeout

Principal Engineer	185.0	Hrs @	\$	300.00	\$	55,500.00	
Senior Engineer	100.0	Hrs @		180.00		18,000.00	
Junior Engineer	75.0	Hrs @		120.00		9,000.00	
Project Administrator	80.0	Hrs @		100.00		8,000.00	
Clerical	40.0	Hrs @		85.00		3,400.00	
Mileage	2,000.0	Miles @		0.655		1,310.00	
<i>Total Phase 2 - Engineering During Construction</i>					\$	95,210.00	
						Use	96,000.00

Phase 3 - Construction Management

Resident Engineer							
Regular Hours	595.0	Hrs @	\$	190.00	\$	113,050.00	
Overtime Hours	140.0	Hrs @		285.00		39,900.00	
Senior Inspection							
Regular Hours	170.0	Hrs @		180.00		30,600.00	
Overtime Hours	40.0	Hrs @		270.00		10,800.00	
Apprentice							
Regular Hours	112.0	Hrs @		95.00		10,640.00	
Overtime Hours	28.0	Hrs @		142.50		3,990.00	
Certified Asphalt Testing Lab		Standard Rates				20,000.00	
Certified Concrete Testing Lab		Standard Rates				5,000.00	
Vehicle Rental	90.0	Days @		50.00		4,500.00	
Mileage	2,900.0	Miles @		0.655		1,899.50	
Per Diem	72.0	Days @		230.00		16,560.00	
<i>Total Phase 3 - Construction Management</i>						256,939.50	
						Use	257,000.00
<i>Total Engineering Services</i>						\$	<u>365,000.00</u>

**TRUCKEE TAHOE AIRPORT
TRUCKEE, CALIFORNIA**

**2023 AIRPORT IMPROVEMENT PROGRAM
CONSTRUCTION**

Reconstruct Existing Runway 2-20 with Airfield Marking and Lighting (Phase 2)

SUMMARY OF PROJECT COSTS

<u>Construction</u>		\$ 6,492,002
<u>Engineering:</u>		
Engineering Support Through Bidding and Contract Award	\$ 12,000.00	
Engineering Design During Construction and Final Project Closeout	96,000.00	
Construction Management	<u>257,000.00</u>	
<i>Total Engineering Costs</i>		365,000
<u>Administration</u>		<u>50,000</u>
	<i>Total Project Costs</i>	\$ 6,907,002
	F.A.A. Participation	\$ 6,216,302
	Sponsor Participation	\$ 540,700
	State Participation	\$ 150,000



TRUCKEE TAHOE AIRPORT DISTRICT

10356 Truckee Airport Rd.

Truckee, CA 96161

(530) 587-4119 tel

(530) 587-2984 fax

WWW.TRUCKEETAHOEAIRPORT.COM

DIRECTORS

DAVID DIAMOND

MARY HETHERINGTON

TERESA O'DETTE

KATHRYN ROHLF

RICK STEPHENS

March 16, 2023

Mr. Barry Franklin
Federal Aviation Administration
Airports District Office
1000 Marina Boulevard, Suite 220
Brisbane, California 94005

Subject: Truckee Tahoe Airport
2023 Airport Improvement Program
Reconstruct Existing Runway 2-20, including Runway Lighting –
Construction Management
Record of Negotiations

Dear Barry:

The Truckee Tahoe Airport District proposes the construction of the Reconstruction of Existing Runway 2-20, including Runway Lighting at the Truckee Tahoe Airport, Truckee, California, under the 2023 Airport Improvement Program of the Federal Aviation Administration. It is proposed to utilize the services of Brandley Engineering, Inc., to perform construction management services during the construction of this project. The Truckee Tahoe Airport District and Brandley Engineering entered negotiations for the engineering fees related to this project.

The consulting firm of Brandley Engineering was selected in January 2023 from those consultants who submitted their qualifications, and the Truckee Tahoe Airport District entered into an agreement with Brandley Engineering.

A scope of work and detailed independent fee estimate (IFE) in the amount of \$484,881 for the construction management of the subject project was prepared by an independent consultant, Auerbach Engineering Corporation, and submitted to the Sponsor on March 16, 2023.

Contract design costs were discussed with the consultant to ensure that the proper scope was being evaluated. After discussions the consultant submitted their proposed costs to the District on March 15, 2023, for a total construction management fee of \$365,000, which was 25% below the IFE. Since the IFE was within 10% of the consultant's fee proposal, the Sponsor considers this reasonable and recommends accepting the consultant's fee of \$365,000.

The final fee proposal is considered reasonable by the Sponsor. A contract has been prepared for the agreement between the Sponsor and consultant. The scope of work, Sponsor's independent fee estimate, consultant's proposal, and draft contract are attached to this record of negotiation and hereby submitted to the ADO for a reasonableness of cost determination. The analysis was conducted in good faith to ensure the fees are fair and reasonable. The procedures outlined in AC 150/5100-14 have been followed.

Robb Etnyre
General Manager, Truckee Tahoe Airport District

**TRUCKEE TAHOE AIRPORT – TRUCKEE, CALIFORNIA
2023 AIRPORT IMPROVEMENT PROGRAM
RECONSTRUCT EXISTING RUNWAY 2-20 INCLUDING RUNWAY LIGHTING
CONSTRUCTION MANAGEMENT**

IFE - SCOPE OF WORK

An Application for Federal Aviation Administration Airport Improvement Program funds has been prepared for the construction of the reconstruction of existing Runway 2-20 (75' x 4,654'), including runway lighting, proposed to be included in the 2023 Airport Improvement Program at the Truckee Tahoe Airport. This project is described as follows:

The 2021 Pavement Maintenance Management Plan (PMMP) prepared for Truckee Tahoe Airport showed that the pavement on Runway 2-20 has a PCI of 30 and needed to be reconstructed in 2023. This reconstruction will consist of pulverizing and recompact existing AC and AB as ASB, placing new aggregate base course, and placing new asphalt surface course. There will be new pavement section constructed at the fillets for the cross taxiways required to meet the new geometry requirements for taxiway fillets in FAA's advisory circulars. Grading along the edge of the runway will be performed and shoulders and safety areas will be regraded to drain. The runway will be raised an average of 10 inches

The existing runway lighting system is failing and going to ground as it an old direct burial lighting system. The runway lighting system will be replaced, including new lights, cans, and installation of underground electrical duct, wire, and guidance signs. A new regulator will be installed in the airfield electrical vault.

New airfield markings will be installed.

The estimate of construction costs for this project is \$4,900,000. The construction phase is anticipated to take 70 working days to complete.

The engineering design of this project is being completed under a separate contract funded by FAA AIP 042. This scope of work includes engineering services during bidding, construction and project closeout. The Engineer's Estimate including a listing of bid items and estimated quantities is shown in the attached Table No. 1. A sketchmap detailing the limits and scope of this project is included as Plate No. 1. A detailed description of the anticipated scope of services is as follows:

Phase 1 - Engineering Support During Bidding and Contract Award

- 1) Assist District in distributing final plans and specifications to prospective contractors.
- 2) Participate in a pre-bid meeting for all prospective contractors.
- 3) Respond to any questions and comments from prospective contractors.
- 4) Preparation of required addenda.

- 5) Assist District in awarding contract including preparation of Abstract of Bids, evaluation of bids, recommendation for award, and preparation of application for AIP funding.

Engineering Design Services During Construction and Project Closeout

- 1) Participate in an in person pre-construction conference including travel time from Loomis, CA – Principal Engineer
- 2) Provide engineering surveillance of all construction operations, including
 - ✓ Attendance at weekly construction meetings – Assumes 12 in-person meetings with travel time from Loomis, CA – Principal Engineer
 - ✓ Preparation of any change orders required including negotiation of change order costs, drafting change orders for signature and writing a change order engineers report including justification of AIP eligibility. This will involve Principal Engineer, resident engineer for drafting of plan revisions, and project administrator and clerical for drafting and formatting change orders and reports.
 - ✓ Preparation of contractor pay estimates by Senior Engineer with oversight by Principal Engineer and support from Project Administrator and Clerical
 - ✓ Preparation of F.A.A. reimbursement requests by Project Administrator and Clerical
 - ✓ Review of all contractor submittals – It is estimated there will be 25 submittals for review and some will require resubmittal and multiple reviews – Principal Engineer and clerical
 - ✓ Coordination and construction schedule management – Principal Engineer
 - ✓ Preparation of final as-constructed drawings with drafting by the Senior Engineer and review by the Principal Engineer
 - ✓ Preparation of final engineer's report by the Principal Engineer, Senior Engineer, Project Administrator and Clerical

Construction Management - The Contractor will be required to furnish material submittals for all materials proposed for use on the project, provide all Quality Control Testing and Inspection during the construction of this project, and meet all requirements of the plans and specifications. The Engineer will provide all Quality Assurance Testing and Inspection, which will include the following:

- 1) Furnish qualified Resident Engineer to review and monitor all construction activities. Provide all testing and inspection required as included in the quality assurance program including providing technicians and inspectors as required.
 - ✓ Includes on site Resident Engineer for the full 70 working days (14 weeks) and a second Senior Inspector for 3 of the weeks including travel time from Loomis, CA each week. Overtime includes assumption of 10 hour days. State of CA DIR prevailing wage requirements apply to this work including the use of an apprentice (if accepted) for 20% of the Resident Engineer hours.

- ✓ Includes outside ASTM certified testing lab services for all required asphalt and concrete testing

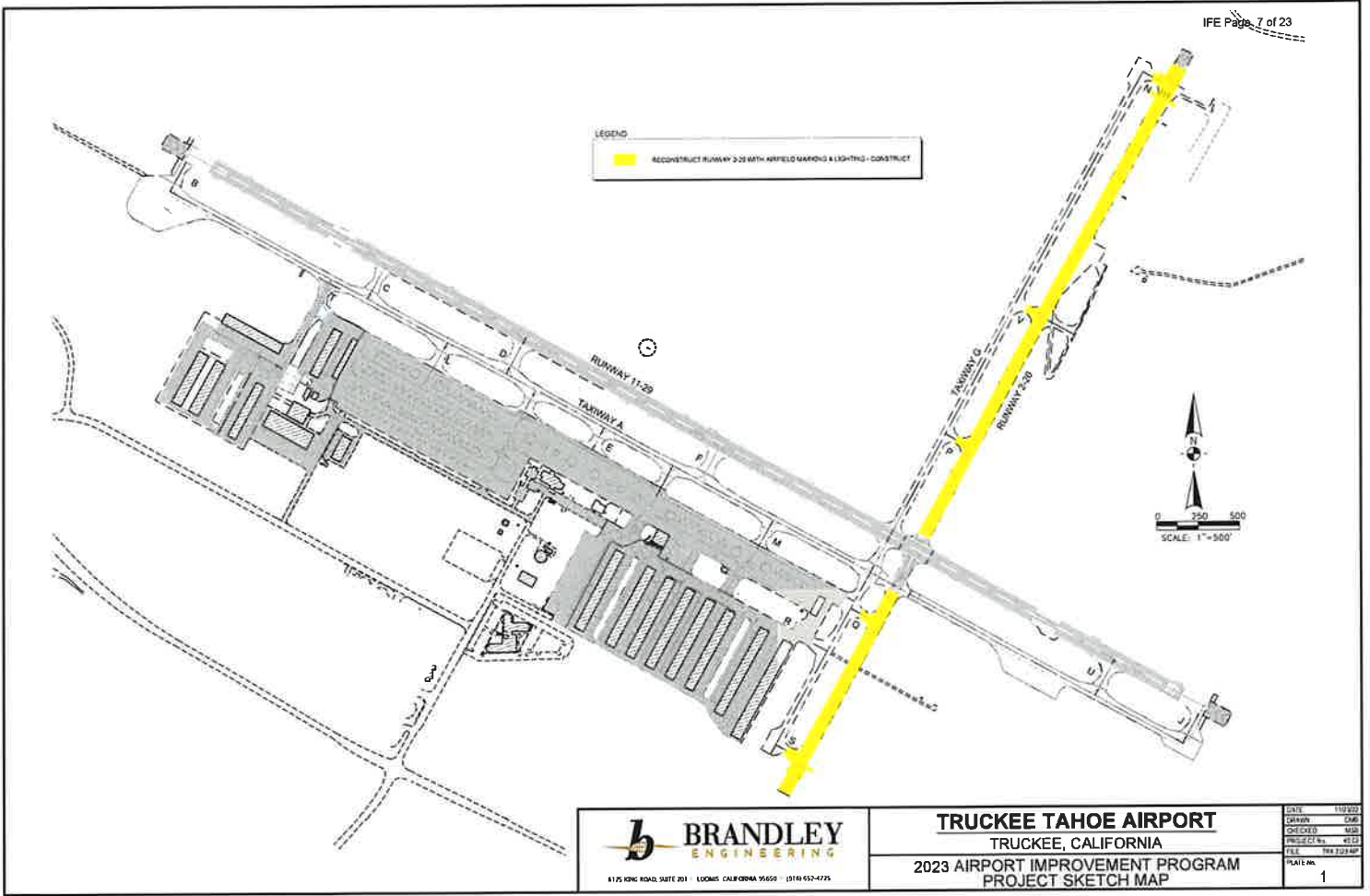
- 2) Provide surveying services as required.
- 3) Provide traffic safety inspectors and Safety Plan implementation.
- 4) Review and approve all contractor's quality control testing and inspection.

TABLE NO. 1**TRUCKEE TAHOE AIRPORT
TRUCKEE, CALIFORNIA****RECONSTRUCT RUNWAY 2-20 WITH
AIRFIELD MARKING AND LIGHTING****AIP NO. 3-06-0262-046-2023****ENGINEER'S ESTIMATE**

Item No.	Description	Unit	Quantity	Actual Quantity	Unit Cost	Total Cost
1	SWPPP Prepared by Qualified SWPPP Developer (QSD) and SWPPP Implementation and Monitoring (C-103)	LS	1.0	1.0	\$ 20,000.00	\$ 20,000
2	Mobilization (C-105)	LS	1.0	1.0	480,000.00	480,000
3	Marking and Lighting of Closed Airport Facilities (C-106)	LS	1.0	1.0	50,000.00	50,000
4	Clearing and Grubbing (P-151)	Acre	11.0	10.08	3,000.00	33,000
5	Unclassified Excavation (P-152)	Cu Yd	6,900.0	6,799.5	25.00	172,500
6	Muck Excavation (P-152)	Cu Yd	1,950.0	1,908.1	35.00	68,250
7	Imported Fill (P-152)	Cu Yd	500.0	473.6	40.00	20,000
8	Scarify and Recompact Subgrade (P-152)	Sq Yd	11,000.0	10,960.3	4.00	44,000
9	Subbase Course (P-154)	Cu Yd	600.0	568.1	90.00	54,000
10	Geogrid (P-154)	Sq Yd	2,900.0	2,862.1	6.00	17,400
11	In-Place Full Depth Recycled (FDR) Asphalt Aggregate Subbase Course - Pulverizing and Mixing (P-207)	Sq. Yd.	45,000.0	44,800.5	2.00	90,000
12	In-Place Full Depth Recycled (FDR) Asphalt Aggregate Subbase Course - Regrade and Recompact (P-207)	Sq Yd	36,000.0	35,214.8	4.00	144,000
13	In-Place Full Depth Recycled (FDR) Asphalt Aggregate Subbase Course - Excavate, Haul, Place, and Compact (P-207)	Cu Yd	2,700.0	2,692.7	30.00	81,000
14	Mill Existing Asphalt Pavement (P-207)	Sq Yd	3,000.0	2,939.5	3.00	9,000
15	Crushed Aggregate Base Course (P-209)	Cu Yd	8,100.0	8,045.0	100.00	810,000
16	Scarify and Recompact Existing Aggregate Base Course (P-209)	Sq Yd	1,400.0	1,376.3	4.00	5,600
17	Asphalt Surface Course (P-401)	Ton	12,600.0	12,487.5	160.00	2,016,000
18	Emulsified Asphalt Prime Coat (P-602)	Ton	38.0	37.8	1,000.00	38,000
19	Emulsified Asphalt Tack Coat (P-603)	Ton	19.0	18.9	1,000.00	19,000
20	Surface Preparation - Marking Removal with Fog Seal (P-620)	Sq Ft	560.00	555.50	10.00	5,600
21	Airfield Marking (P-620)	Sq Ft	29,500.00	29,330.93	1.50	44,250
22	Reflective Media (P-620)	Lbs	2,600.00	2,550.52	7.00	18,200
23	12" Corrugated HDPE Pipe (D-701)	Ln Ft	128.00	121.00	75.00	9,600
24	12" Plastic Flared End Sections (D-701)	Each	4.00	4.00	400.00	1,600
25	Rip Rap (D-701)	Ton	5.00	3.54	100.00	500
26	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in Conduit (L-108)	Ln Ft	14,000.00	13,959.00	2.50	35,000
27	No. 2 AWG, Solid, Bare Copper Counterpoise Wire, Installed Above Duct Bank or Conduit (L-108)	Ln Ft	12,000.00	11,458.00	1.00	12,000
28	No. 6 AWG, Stranded THWN-2 Equipment Ground, Installed in Conduit (L-108)	Ln Ft	12,350.00	12,307.50	1.50	18,525
29	Installation of Equipment Within Existing Vault, in Place (L-109)	LS	1.00	1.00	40,000.00	40,000
30	Non-Encased Electrical Conduit, 1-way, 2-inch (L-110)	Ln Ft	8,650.00	8,617.00	20.00	173,000
31	Concrete Encased Electrical Conduit, 1-way, 2-inch (L-110)	Ln Ft	1,100.00	1,092.00	35.00	38,500
32	Concrete Encased Electrical Conduit, 2-way, 3-inch (L-110)	Ln Ft	535.00	531.00	70.00	37,450

TABLE NO. 1**TRUCKEE TAHOE AIRPORT
TRUCKEE, CALIFORNIA****RECONSTRUCT RUNWAY 2-20 WITH
AIRFIELD MARKING AND LIGHTING****AIP NO. 3-06-0262-046-2023****ENGINEER'S ESTIMATE**

Item No.	Description	Unit	Quantity	Actual Quantity	Unit Cost	Total Cost
33	Slurry Encased Duct Bank, 4-way/4-inch Communication and 4-way/4-inch Electrical (L-110)	Ln Ft	670.00	670.00	90.00	60,300
34	3-inch Directional Bore Electrical Conduit (L-110)	Ln Ft	550.00	548.00	100.00	55,000
35	Electrical Junction Structure, L-867, Class 1, Size B, with Steel Lid and Concrete Collar (L-115)	Ln Ft	6.00	6.00	1,200.00	7,200
36	Electrical Junction Structure, L-867, Class 1, Size D, with Steel Lid and Concrete Collar (L-115)	Each	13.00	13.00	1,500.00	19,500
37	Electrical Junction Structure, L-868, Class 1, Size B, with Steel Lid, Snow-Plow Ring and Concrete Collar (L-115)	Each	3.00	3.00	1,200.00	3,600
38	Electrical Junction Structure, 2' x 3' (L-115)	Ln Ft	6.00	6.00	5,000.00	30,000
39	Electrical Demolition (L-125)	LS	1.00	1.00	30,000.00	30,000
40	New Retroreflective Marker, L-853 (L-125)	Each	29.00	29.00	200.00	5,800
41	L-861 Runway Edge Lights on L-867 Base, Complete (L-125)	Each	39.00	39.00	1,600.00	62,400
42	L-861E Runway Threshold Lights on L-867 Base, Complete (L-125)	Each	24.00	24.00	1,600.00	38,400
43	L-850C Flush Mounted Runway Edge Lights on L-868 Base with Snow Plow Ring, Complete (L-125)	Each	3.00	3.00	1,600.00	4,800
44	L-861T Taxiway Edge Lights on L-867 Base, Complete (L-125)	Each	2.00	2.00	1,600.00	3,200
45	New Solar Taxiway Edge Lights (L-125)	Each	27.00	27.00	200.00	5,400
46	Replace Existing L-830 Transformers on Existing Fixtures (L-125)	Each	14.00	14.00	800.00	11,200
47	Remove and Relocate Existing Lighted Guidance Sign on New Sign Pad, including New Transformer and Lamps (L-125)	Each	6.00	6.00	5,000.00	30,000
48	Furnish and Install New Guidance Sign on New Sign Pad, L-858Y, Size 1, Style 2, 2 Character, 1 Module (L-125)	Each	3.00	3.00	300.00	900
Total Construction Cost						\$ 4,973,675





March 16, 2023

Project No.: 420.30_01

Mr. Robb Etnyre, General Manager
Truckee Tahoe Airport District
10356 Truckee Airport Rd
Truckee, CA 96161

**Re: Truckee Tahoe Airport – Truckee, California
2023 Airport Improvement Program; Reconstruct Existing Runway 2-20
Including Runway Lighting-Construction Management
Independent Fee Estimate**

Dear Mr. Etnyre,

I have reviewed the “Application for Federal Aviation Administration Airport Improvement Program funds” (undated) by Brandley Engineering, for the following Truckee Tahoe Airport project:

- Project 1: 2023 Airport Improvement Program – Reconstruct Existing Runway 2-20 Including Lighting-Construction Management

The proposed Independent Fee Estimate for Project 1 are attached. As a Civil Engineer registered in the State of California, I am qualified as an experienced engineer in estimating professional services and negotiating contracts for these types of services.

If you should have any questions regarding this matter, please feel free to call me at (530) 214-3097 or email me at wauerbach@auerbachengineering.com.

Sincerely
Auerbach Engineering Corporation

Walter R. Auerbach, P.E.
President

Enclosures: Exhibit B

Exhibit B
Truckee Tahoe Airport District
RECONSTRUCT EXISTING RUNWAY 2-20 INCLUDING RUNWAY LIGHTING
Labor Hour Estimate

Task	Description	P	SE	JE	SD	JD	LT	LA	FC	RE	RE-OT	I	I-OT	A	PA	Clerical	Total Hours
TASK 1.0	Engineering Support During Bidding and Contract Award																
1.1	Assist District in distributing final plans and specifications to prospective contractors.	2	4	0	0	0	0	0	0	0	0	0	0	0	2	1	9
1.2	Participate in a pre-bid meeting for all prospective contractors.	5	5	0	0	0	0	0	0	5	0	0	0	0			15
1.3	Respond to any questions and comments from prospective contractors.	2	4	0	0	0	0	0	0	4	0	0	0	0	2	1	13
1.4	Preparation of required addenda.	2	8	4	0	0	0	0	0	2	0	0	0	0	2	1	19
1.5	Assist District in awarding contract including preparation of Abstract of Bids, evaluation of bids, recommendation for award, and preparation of application for AIP funding.	2	2	8	0	0	0	0	0	8	0	0	0	0	2	8	30
	Task Subtotal	13	23	12	0	0	0	0	0	19	0	0	0	0	8	11	86
TASK 2.0	Engineering Design Services During Construction and Project Closeout																
2.1	Participate in an in person pre-construction conference including travel time from Loomis, CA – Principal Engineer	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
2.2	Attendance at weekly construction meetings – Assumes 12 in-person meetings with travel time from Loomis, CA – Principal Engineer	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84
2.3	Preparation of any change orders required including negotiation of change order costs, drafting change orders for signature and writing a change order engineers report including justification of AIP eligibility. This will involve Principal Engineer, Resident Engineer for drafting of plan revisions, and project administrator and clerical for drafting and formatting change orders and reports.	20	0	0	0	0	0	0	0	40	0	0	0	0	20	20	100
2.4	Preparation of contractor pay estimates by Senior Engineer with oversight by Principal Engineer and support from Project Administrator and Clerical	15	30	0	0	0	0	0	0	0	0	0	0	0	15	10	70
2.5	Preparation of F.A.A. reimbursement requests by Project Administrator and Clerical	0	0	0	0	0	0	0	0	0	0	0	0	0	10	5	15
2.6	Review of all contractor submittals – It is estimated there will be 25 submittals for review and some will require resubmittal and multiple reviews – Principal Engineer and clerical	75	0	0	0	0	0	0	0	0	0	0	0	0	0	50	125
2.7	Coordination and construction schedule management – Principal Engineer	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
2.8	Preparation of final as-constructed drawings with drafting by the Senior Engineer and review by the Principal Engineer	5	30	0	0	0	0	0	0	0	0	0	0	0	0	0	35
2.9	Preparation of final engineer's report by the Principal Engineer, Senior Engineer, Project Administrator and Clerical	10	20	0	0	0	0	0	0	0	0	0	0	0	80	30	140
	Task Subtotal	229	80	0	0	0	0	0	0	40	0	0	0	0	125	115	589

Exhibit B
Truckee Tahoe Airport District
RECONSTRUCT EXISTING RUNWAY 2-20 INCLUDING RUNWAY LIGHTING
Labor Hour Estimate

Task	Description	P	SE	JE	SD	JD	LT	LA	FC	RE	RE-OT	I	I-OT	A	PA	Clerical	Total Hours
Task 3.0	Construction Management	0	0	0	0	0	0	0	0	640	202	200	92	168.4	0	0	1302.4
3.1	Furnish qualified Resident Engineer to review and monitor all construction activities. Provide all testing and inspection required as included in the quality assurance program including providing technicians and inspectors as required. Includes on site Resident Engineer for the full 70 working days (14 weeks) and a second Senior Inspector for 5 of the weeks including travel time from Loomis, CA each week. Overtime includes assumption of 10 hour days. State of CA DIR prevailing wage requirements apply to this work including the use of an apprentice (if accepted) for 20% of the Resident Engineer hours.	0	0	0	0	0	0	0	0	640	202	200	92	168.4	0	0	1302.4
3.1A	Outside ASTM certified testing lab services	0	0	0	20	20	0	0	0	SEE ODCs 40	0	0	0	0	0	0	80
3.2	Provide surveying services as required.	0	0	0	0	0	0	0	0	SEE ODCs 30	0	15	0	0	0	0	45
3.3	Provide traffic safety inspectors and Safety Plan implementation.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.4	Review and approve all contractor's quality control testing and inspection.	0	0	0	20	20	0	0	0	40	670	202	215	92	168.4	0	1427.4
Task Subtotal		0	0	0	20	20	0	0	0	40	670	202	215	92	168.4	0	1427.4
Total Hours		242	103	12	20	20	0	0	40	720	202	215	92	168.4	133	126	2102

Exhibit B
Truckee Tahoe Airport District
RECONSTRUCT EXISTING RUNWAY 2-20 INCLUDING RUNWAY LIGHTING
Labor Cost Estimate

Task	Description	P	SE	JE	SD	JD	LT	LA	FC	RE	RE-OT	I	I-OT	A	PA	Clerical	Total Costs
TASK 1.0	Engineering Support During Bidding and Contract Award																
1.1	Assist District in distributing final plans and specifications to prospective contractors	\$600	\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$200	\$85	\$1,605
1.2	Participate in a pre-bid meeting for all prospective contractors.	\$1,500	\$800	\$0	\$0	\$0	\$0	\$0	\$0	\$950	\$0	\$0	\$0	\$0	\$0	\$0	\$3,350
1.3	Respond to any questions and comments from prospective contractors.	\$800	\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$760	\$0	\$0	\$0	\$0	\$200	\$85	\$2,365
1.4	Preparation of required addenda.	\$600	\$1,440	\$480	\$0	\$0	\$0	\$0	\$0	\$380	\$0	\$0	\$0	\$0	\$200	\$85	\$3,165
1.5	Assist District in awarding contract including preparation of Abstract of Bids, evaluation of bids, recommendation for award, and preparation of application for AIP funding.	\$600	\$360	\$960	\$0	\$0	\$0	\$0	\$0	\$1,520	\$0	\$0	\$0	\$0	\$200	\$680	\$4,320
	Task Subtotal	\$3,600	\$4,140	\$1,440	\$0	\$0	\$0	\$0	\$0	\$3,610	\$0	\$0	\$0	\$0	\$800	\$935	\$14,825
TASK 2.0	Engineering Design Services During Construction and Project Closeout																
2.1	Participate in an in person pre-construction conference including travel time from Loomis, CA – Principal Engineer	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000
2.2	Attendance at weekly construction meetings – Assumes 12 in-person meetings with travel time from Loomis, CA – Principal Engineer	\$25,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,200
2.3	Preparation of any change orders required including negotiation of change order costs, drafting change orders for signature and writing a change order engineers report including justification of AIP eligibility. This will involve Principal Engineer, Resident Engineer for drafting of plan revisions, and project administrator and clerical for drafting and formatting change orders and reports.	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,600	\$0	\$0	\$0	\$0	\$2,000	\$1,700	\$17,300
2.4	Preparation of contractor pay estimates by Senior Engineer with oversight by Principal Engineer and support from Project Administrator and Clerical	\$4,500	\$5,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500	\$850	\$12,250
2.5	Preparation of F.A.A. reimbursement requests by Project Administrator and Clerical	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$425	\$1,425
2.6	Review of all contractor submittals – It is estimated there will be 25 submittals for review and some will require resubmittal and multiple reviews – Principal Engineer and Clerical	\$22,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,250	\$26,750
2.7	Coordination and construction schedule management – Principal Engineer	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000
2.8	Preparation of final as-constructed drawings with drafting by the Senior Engineer and review by the Principal Engineer	\$1,500	\$5,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,900
2.9	Preparation of final engineer's report by the Principal Engineer, Senior Engineer, Project Administrator and Clerical	\$3,000	\$3,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,000	\$2,550	\$17,150
	Task Subtotal	\$69,700	\$14,400	\$0	\$0	\$0	\$0	\$0	\$0	\$7,600	\$0	\$0	\$0	\$0	\$12,500	\$9,775	\$112,975

Exhibit B
Truckee Tahoe Airport District
RECONSTRUCT EXISTING RUNWAY 2-20 INCLUDING RUNWAY LIGHTING
Labor Cost Estimate

Task	Description	P	SE	JE	SD	JD	LT	LA	FC	RE	RE-OT	I	I-OT	A	PA	Clerical	Total Costs
Task 3.0	Construction Management																
3.1	Furnish qualified Resident Engineer to review and monitor all construction activities. Provide all testing and inspection required as included in the quality assurance program including providing technicians and inspectors as required. Includes on site Resident Engineer for the full 70 working days (14 weeks) and a second Senior Inspector for 5 of the weeks including travel time from Loomis, CA each week. Overtime includes assumption of 10 hour days. State of CA DIR prevailing wage requirements apply to this work including the use of an apprentice (if accepted) for 20% of the Resident Engineer hours.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$121,600	\$57,570	\$36,000	\$24,840	\$15,998	\$0	\$0	\$256,008
3.1A	Outside ASTM certified testing lab services								SEE ODCs								
3.2	Provide surveying services as required.	\$0	\$0	\$0	\$2,400	\$2,000	\$0	\$0	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,400
3.3	Provide traffic safety inspectors and Safety Plan implementation.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	SEE ODCs	\$5,700	\$0	\$2,700	\$0	\$0	\$0	\$0	\$8,400
3.4	Review and approve all contractor's quality control testing and inspection.	\$0	\$0	\$0	\$2,400	\$2,000	\$0	\$0	\$12,000	\$127,300	\$57,570	\$36,700	\$24,840	\$15,998	\$0	\$0	\$280,908
	Task Subtotal	\$0	\$0	\$0	\$2,400	\$2,000	\$0	\$0	\$12,000	\$127,300	\$57,570	\$36,700	\$24,840	\$15,998	\$0	\$0	\$280,908
	Total Cost	\$72,600	\$18,540	\$1,440	\$2,400	\$2,000	\$0	\$0	\$12,000	\$138,510	\$57,570	\$36,700	\$24,840	\$15,998	\$13,360	\$10,710	\$408,608

Exhibit B
Truckee Tahoe Airport District
RECONSTRUCT EXISTING RUNWAY 2-20 INCLUDING RUNWAY LIGHTING
Summary of Costs for Design Services

Labor Description	Rate	Total Hours	Total Cost
Principal (P)	\$300.00	242	\$72,600
Senior Engineer (SE)	\$180.00	103	\$18,540
Junior Engineer (JE)	\$120.00	12	\$1,440
Senior Drafter (SD)	\$120.00	20	\$2,400
Junior Drafter (D)	\$100.00	20	\$2,000
Laboratory Technician (LT)	\$90.00	0	\$0
Laboratory Apprentice (LA)	\$50.00	0	\$0
2-Person Survey Field Crew (FC)	\$300.00	40	\$12,000
Resident Engineer (RE)	\$190.00	729	\$138,510
Resident Engineer Overtime (RE-OT)	\$285.00	202	\$57,570
Senior Inspector (I)	\$180.00	215	\$38,700
Senior Inspector Overtime (I-OT)	\$270.00	92	\$24,840
Apprentice (A)	\$95.00	168	\$15,998
Project Admin (PA)	\$100.00	133	\$13,300
Clerical (C)	\$85.00	126	\$10,710
Sub-Total		2102	\$ 408,608
Other Direct Costs (ODC's)			
a) Per Diem			\$16,100
b) Mileage, prints, direct expense allowance, vehicle			\$4,953
c) Traffic Control (subconsultant)+10%			\$27,500
d) Materials Testing (subconsultant)+10%			\$27,720
Sub-Total			\$76,273
Total Design Cost			\$ 484,881

**BRANDLEY**
ENGINEERING

R. DAMON BRANDLEY, PE

MELISSA BRANDLEY, PE

March 15, 2023

Mr. Robb Etnyre
General Manager
Truckee-Tahoe Airport
10356 Truckee Airport Road
Truckee, California 96161

Subject: Truckee-Tahoe Airport
Reconstruction of Existing Runway 2-20 with Airfield Marking and Lighting
Construction Management Services
Proposal for Professional Engineering Services

Dear Mr. Etnyre:

Truckee Tahoe Airport District proposes to complete the Reconstruction of Existing Runway 2-20, including Airfield Marking and Lighting at the Truckee Tahoe Airport. The estimated construction cost of this project is approximately \$5,185,000.

We are pleased to present herewith our proposal for providing engineering services during bid and award, during construction and final project closeout, and resident engineering, testing, and inspection services for this project.

The engineering scope for this project has been broken down into three phases:

- Phase 1 – Engineering Support During Bidding and Contract Award
- Phase 2 – Engineering Design During Construction and Final Project Closeout
- Phase 3 – Construction Management

We have summarized below the scope of work for each phase of engineering.

Phase 1 - Engineering Support During Bidding and Contract Award

- ♦ Assist District in distributing final plans and specifications to prospective contractors.
- ♦ Participate in a pre-bid meeting for all prospective contractors.
- ♦ Respond to any questions and comments from prospective contractors.
- ♦ Preparation of required addenda.
- ♦ Assist District in awarding contract including preparation of Abstract of Bids, evaluation of bids, and preparation of application for AIP funding.

Mr. Robb Etnyre

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March 15, 2023

Phase 2 - Engineering Design Services During Construction and Project Closeout

- ◆ Participate in a pre-construction conference.
- ◆ Provide engineering surveillance of all construction operations, including attendance at weekly construction meetings, preparation of any change orders required, preparation of contractor pay estimates, preparation of F.A.A. reimbursement requests, review of all contractor submittals, preparation of final as-constructed drawings and final engineer's report, and coordination of updating the ALP to show as constructed conditions.

Phase 3 - Construction Management - The Contractor will be required to furnish material submittals for all materials proposed for use on the project, provide all Quality Control Testing and Inspection during the construction of this project, and meet all requirements of the plans and specifications.

The Engineer will provide all Quality Assurance Testing and Inspection, which will include the following:

- ◆ Furnish qualified Resident Engineer to review and monitor all construction activities. Provide all testing and inspection required as included in the quality assurance program including providing technicians and inspectors as required.
- ◆ Provide all testing and inspection required as included in the quality assurance program including providing technicians and inspectors as required.
- ◆ Provide surveying services as required.
- ◆ Provide traffic safety inspectors and Safety Plan implementation.
- ◆ Review and approve all contractor's quality control testing and inspection.

The engineering fees for this project are summarized below:

Phase 1 – Support During Bid and Award	\$ 12,000
Phase 2 – Engineering During Construction	96,000
Phase 3 – Construction Management	<u>257,000</u>
Total – Not to Exceed	<u>\$365,000</u>

A breakdown of estimated engineering fees for this project is attached as Table No. 1.

The total engineering fee for this project is a not to exceed at standard hourly rates of \$365,000.

We include herewith two signed copies of Supplemental Services Agreement No. 1 covering this work. If this is satisfactory to the District, please have the Supplemental Services Agreement approved and provide us with a copy for our files.

Mr. Robb Etnyre

-3-

March 15, 2023

We appreciate the opportunity of presenting this proposal and look forward to working with you on this project.

Very truly yours,



R. Damon Brandley, P.E.
President

RDB:aw
Enclosures

TABLE NO. 1**TRUCKEE TAHOE AIRPORT****RECONSTRUCT EXISTING RUNWAY 2-20 WITH AIRFIELD MARKING AND LIGHTING (PHASE 2)****BREAKDOWN OF ENGINEERING FEES****Phase 1 - Engineering Support During Bidding and Contract Award**

Principal Engineer	16.0	Hrs @	\$	300.00	\$	4,800.00	
Senior Design Engineer	20.0	Hrs @		180.00		3,600.00	
Junior Engineer	10.0	Hrs @		120.00		1,200.00	
Project Administrator	10.0	Hrs @		100.00		1,000.00	
Clerical	10.0	Hrs @		85.00		850.00	
Mileage	500.0	Miles @		0.655		327.50	
Postage and Other Expenses						500.00	
<i>Total Phase 1 - Bidding and Contract Award</i>					\$	12,277.50	
						Use	\$ 12,000.00

Phase 2 - Engineering Design During Construction and Final Project Closeout

Principal Engineer	185.0	Hrs @	\$	300.00	\$	55,500.00	
Senior Engineer	100.0	Hrs @		180.00		18,000.00	
Junior Engineer	75.0	Hrs @		120.00		9,000.00	
Project Administrator	80.0	Hrs @		100.00		8,000.00	
Clerical	40.0	Hrs @		85.00		3,400.00	
Mileage	2,000.0	Miles @		0.655		1,310.00	
<i>Total Phase 2 - Engineering During Construction</i>					\$	95,210.00	
						Use	96,000.00

Phase 3 - Construction Management

Resident Engineer							
Regular Hours	595.0	Hrs @	\$	190.00	\$	113,050.00	
Overtime Hours	140.0	Hrs @		285.00		39,900.00	
Senior Inspector							
Regular Hours	170.0	Hrs @		180.00		30,600.00	
Overtime Hours	40.0	Hrs @		270.00		10,800.00	
Apprentice							
Regular Hours	112.0	Hrs @		95.00		10,640.00	
Overtime Hours	28.0	Hrs @		142.50		3,990.00	
Certified Asphalt Testing Lab		Standard Rates				20,000.00	
Certified Concrete Testing Lab		Standard Rates				5,000.00	
Vehicle Rental	90.0	Days @		50.00		4,500.00	
Mileage	2,900.0	Miles @		0.655		1,899.50	
Per Diem	72.0	Days @		230.00		16,560.00	
<i>Total Phase 3 - Construction Management</i>						256,939.50	
						Use	257,000.00
<i>Total Engineering Services</i>							<u>\$ 365,000.00</u>

**SUPPLEMENTAL SERVICES AGREEMENT NO. 1
(CONSULTING AIRPORT ENGINEER)**

THIS SUPPLEMENTAL AGREEMENT is made and entered into this ____ day of _____, 2023, by and between TRUCKEE TAHOE AIRPORT DISTRICT, hereinafter referred to as DISTRICT, and BRANDLEY ENGINEERING, INC., hereinafter referred to as ENGINEER:

W I T N E S S E T H:

WHEREAS, District entered into an Agreement for Aviation Services with the Engineer dated the 25th day of January 2023 to perform engineering design work, including design and construction supervision, for development of the Truckee Tahoe Airport, and

WHEREAS, District desires Engineer to perform specific services under the said Agreement,

NOW, THEREFORE, IN CONSIDERATION OF the covenants and agreements herein set forth, it is hereby agreed:

1. This agreement supplements said Special Services Agreement, and the terms of said Agreement apply hereto.

2. **Project**

The project covered by this Supplemental Services Agreement shall include the Preliminary Engineering and Engineering Design through Plans and Specifications for the following work at the Truckee Tahoe Airport:

- Reconstruction of Existing Runway 2-20 (75' x 4,654'), including Airfield Marking and Lighting.

3. **Scope of Work**

Phase 1 - Engineering Support During Bidding and Contract Award

- 1) Assist District in distributing final plans and specifications to prospective contractors.
- 2) Participate in a pre-bid meeting for all prospective contractors.
- 3) Respond to any questions and comments from prospective contractors.
- 4) Preparation of required addenda.
- 5) Assist District in awarding contract including preparation of Abstract of Bids, evaluation of bids, and preparation of application for AIP funding.

Phase 2 - Engineering Design Services During Construction and Project Closeout

- 1) Participate in a pre-construction conference.
- 2) Provide engineering surveillance of all construction operations, including attendance at weekly construction meetings, preparation of any change orders required, preparation of contractor pay estimates, preparation of F.A.A. reimbursement requests, review of all contractor submittals, preparation of final as-constructed drawings and final engineer's report, and coordination of updating the ALP to show as constructed conditions.

Phase 3 - Construction Management - The Contractor will be required to furnish material submittals for all materials proposed for use on the project, provide all Quality Control Testing and Inspection during the construction of this project, and meet all requirements of the plans and specifications.

The Engineer will provide all Quality Assurance Testing and Inspection, which will include the following:

- 1) Furnish qualified Resident Engineer to review and monitor all construction activities. Provide all testing and inspection required as included in the quality assurance program including providing technicians and inspectors as required.
- 2) Provide all testing and inspection required as included in the quality assurance program including providing technicians and inspectors as required.
- 3) Provide surveying services as required.

Page 3

- 4) Provide traffic safety inspectors and Safety Plan implementation.
- 5) Review and approve all contractor's quality control testing and inspection.

4. **Compensation**

As full compensation for all work or services to be provided by Engineer hereunder, District shall make payments to Engineer at the times and in accordance with the procedures set forth in the Special Services Agreement and at the rates set forth herein:

Engineering Support During Bidding and Contract Award	\$ 12,000
Engineering During Construction and Project Closeout	96,000
Construction Management	<u>257,000</u>
Total Compensation – Not to Exceed	<u>\$ 365,000</u>

These services will be performed at standard hourly rates as set forth in Exhibit A to this agreement. The total fee under this agreement will not exceed \$365,000 without prior approval of the Truckee Tahoe Airport District.

5. **Time of Completion**

The Engineering Services during Construction and Final Project Closeout will be conducted during the entire construction phase. Final record drawings and final report will be prepared within thirty (30) calendar days of receipt of contractor's final redline drawings and quality control test results.

For the Construction Engineering, Testing and Inspection services Engineer shall begin the work assigned immediately after the construction contract is awarded and shall provide all resident engineering, testing, and inspection required during the construction of this project.

6. *Resident Engineer's Office:*

District shall provide at no cost to Engineer enclosed space at the Airport with running water and electricity to serve as an office and laboratory by the Resident Project Representative (RPR) during the construction phase of the project.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first written above.

TRUCKEE TAHOE AIRPORT DISTRICT, a political
subdivision of the State of California

By _____

"DISTRICT"

ATTEST:

By _____

BRANDLEY ENGINEERING, INC.



R. Damon Brandley, P.E., President
"ENGINEER"

EXHIBIT A**Brandley Engineering, Inc.
Standard Billing Rates****Personnel**

Principal Engineer	\$300.00/Hour
Senior Engineer.....	\$180.00/Hour
Junior Engineer	\$120.00/Hour
Senior Drafter	\$120.00/Hour
Junior Drafter	\$100.00/Hour
Laboratory Technician	\$90.00/Hour
Laboratory Apprentice	\$50.00/Hour
Project Administrator	\$100.00/Hour
Clerical	\$85.00/Hour
Resident Engineer	\$190.00/Hour
Senior Inspector	\$180.00/Hour
Apprentice	\$95.00/Hour

Travel and Vehicle Rental

Per Diem	\$230/Day*
Vehicle Rental	\$50.00/Day + \$0.655/Mile

Subconsultants

Consulting Services, Testing Services.....	Cost + 10%
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*Subject to change based on U.S. General Services Administration (GSA) Per Diem Rates.

ATTACHMENT 2
NEPA COMPLIANCE

TRUCKEE TAHOE AIRPORT
TRUCKEE, NEVADA COUNTY, CALIFORNIA



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

Western-Pacific Region
Airports Division

San Francisco Airports District Office
1000 Marina Boulevard, Suite 220
Brisbane, CA 94005-1835

Via e-mail

October 26, 2020

Mr. Kevin Smith
General Manager
Truckee-Tahoe Airport District
10356 Truckee Tahoe Airport Road
Truckee, CA 96161

**Subject: Environmental Evaluation of Truckee-Tahoe Airport (TRK) Airport Project –
Reconstruct Runway 2-20 and Update Fillet Geometry on Cross Taxiways**

Dear Mr. Smith:

The Federal Aviation Administration (FAA) has reviewed the environmental information you submitted for the Truckee-Tahoe Airport (TRK) Airport Project: Reconstruct Runway 2-20, which also includes updating the fillet geometry of cross taxiways that connect to Runway 2-20. The FAA has determined this proposed project as described in your Categorical Exclusion documentation is Categorically Excluded pursuant to FAA Order 1050.1F as it relates to the National Environmental Policy Act of 1969, as amended (NEPA). Therefore, no further federal environmental disclosure documentation for this project is necessary for NEPA purposes.

This letter notifies you that the proposed project has complied with NEPA only. This is not a notice of final project approval of funding availability.

If you have any questions regarding this matter, I am available at 650-827-7612, or email me at Douglas.Pomeroy@faa.gov.

Sincerely,

10/26/2020

X Douglas R. Pomeroy

Douglas R. Pomeroy
Environmental Protection Specialist
Signed by: 438514

Douglas R. Pomeroy
Environmental Protection Specialist

Truckee Tahoe Airport

Loc ID: KTRK

Sponsor: Truckee Tahoe Airport District, California
Point of Contact: Kevin Smith, Airport Manager
Address: 10356 Truckee Airport Road
Truckee, CA 96161
Telephone: (530) 587-4119 ext. 105
Airport Location: 10356 Truckee Airport Road
Truckee, California 96161

Standard Operating Procedure (ARP SOP No. 5.1, June 2, 2017), CATEX Determination,
Paragraph 7.1 Simple Written Record for a CATEX

Reconstruct Runway 2-20

Project Description and Justification

Truckee Tahoe Airport District (District), the airport sponsor, proposes to reconstruct Runway 2-20 (4,650-feet long; 75-feet wide) on the Truckee Tahoe Airport as shown in Attachment 1. Reconstruction is needed because the runway's asphalt surface is showing signs of cracking with secondary cracking at pavement joints. The current pavement management plan indicates that the useful life of the surface course is nearing its end and the surface course needs to be removed so that new a base course and asphalt surface can be constructed. If Runway 2-20 is not reconstructed, the runway may pose a safety risk as the surface continues to deteriorate and increase the potential for foreign object damage to aircraft and passengers.

The District is considering widening Runway 2-20 by 25-feet to a total width of 100-feet. However, that project is not part of this Categorical Exclusion evaluation process. Potential runway widening would be evaluated in a separate National Environmental Policy Act document.

Runway reconstruction includes the removal of the existing pavement, recompact the existing base course, placing new aggregate base course, and placing new asphalt surface course. There will be some new pavement areas at the cross taxiways to conform with new geometry of the fillets in FAA's advisory circulars. Grading along the edge of the runway will be performed. Some fills as the runway will be raised up 6" to 12" (amount pending final design). Runway lighting system will be replaced, new lights, cans, and installation of duct (existing is direct burial), wire, sign pads and new airfield markings.

Construction traffic will use two access routes to reach opposite ends of Runway 2-20 as shown in Attachment 1: 1) Approach end Runway 20 will use Martis Dam Road via State Route 267 to Sailplane Way. Both travelways are public access The staging area is within a highly disturbed infield area between the runway and taxiway. 2) Approach end Runway 2 is accessed by Airport Road to Omni Way and through Airport Gate Number 5 to a staging area near the end of Taxiway G. By using two staging areas, construction traffic avoids crossing the Airport's primary runway. Total construction time is expected to be 90 to 120 days. The airport will issue a NOTAM during project construction.

Truckee Tahoe Airport: Environmental Setting

The Truckee Tahoe Airport is located within the Truckee River and Martis Creek watersheds at an elevation of 5,901 feet above sea level east of the Sierra Nevada crest. The Airport straddles the boundary between Nevada and Placer counties; the Town of Truckee surrounds the Airport on the north and west, but Airport property is not within Town limits. The Town is located within Nevada County. In addition to the Town and counties land use jurisdictions, land uses around the Airport are administered by the federal government: specifically, the U.S. Army Corps of Engineers (Martis Creek Lake National Recreation Area) and the U.S. Forest Service (Tahoe National Forest). California State Highway 267 borders the Airport on the southwest. Interstate 80 is located about 2 miles to the north and connects the local area to Sacramento, California, 100 miles to the southwest and to Reno, Nevada, 24 miles east.

The Truckee area receives about 200 inches of snowfall annually with the greatest accumulations occurring between December and March. The average daily high winter temperature is generally in the mid to high 40°F; the average daily low winter temperatures are typically in the mid-teens to low 20°F. Summer high temperatures are generally mild ranging in the mid 70°F to low 80°F, with average low temperatures in the high 30°F to low 40°F. The eastern Sierra Nevada experiences periods of high winds in the spring and occasional summer thunderstorms.

Approximately 35 percent (330-acres) of Airport property is occupied by aviation facilities, non-aviation facilities, or is required to remain open for aeronautical purposes. Natural habitats on the Airport are sagebrush scrub and minor areas of coniferous woodland; the Airport sits higher in the landscape primarily among sagebrush. A band of conifers occurs along a slope break north of the airport but in general, the coniferous areas form clusters on the edges or outside of the Airport boundaries. Airport habitat is uniform and not very diverse in terms of species composition or stratification. Jeffrey pine (*Pinus jeffreyi*) is the most common tree species. Big sagebrush (*Artemisia tridentata*), bitterbrush (*Purshia tridentata*), and mahala mats (*Ceanothus prostratus*) occur throughout the Airport. Perennial grasses and sedges, dominated by wheatgrass (*Elytrigia intermedia*) occur throughout the Airport. Areas within the active airfield – along runways, taxiways, infields and aprons are maintained to control vegetation.

The proposed action does not involve extraordinary circumstances, as described in FAA Order 1050.1F, or projects listed in FAA Order 5050.4B, Table 6-1, and therefore, conforms to **FAA Order 1050.1F paragraph 5-6.4.e:**

Federal financial assistance, licensing, or Airport Layout Plan (ALP) approval for the following actions, provided the action would not result in significant erosion or sedimentation, and will not result in a significant noise increase over noise sensitive areas or result in significant impacts on air quality.

- Construction, repair, reconstruction, resurfacing, extending, strengthening, or widening of a taxiway, apron, loading ramp, or runway safety area (RSA), including an RSA using Engineered Material Arresting System (EMAS); or
- Reconstruction, resurfacing, extending, strengthening, or widening of an existing runway.

This CATEx includes marking, grooving, fillets and jet blast facilities associated with any of the above facilities.

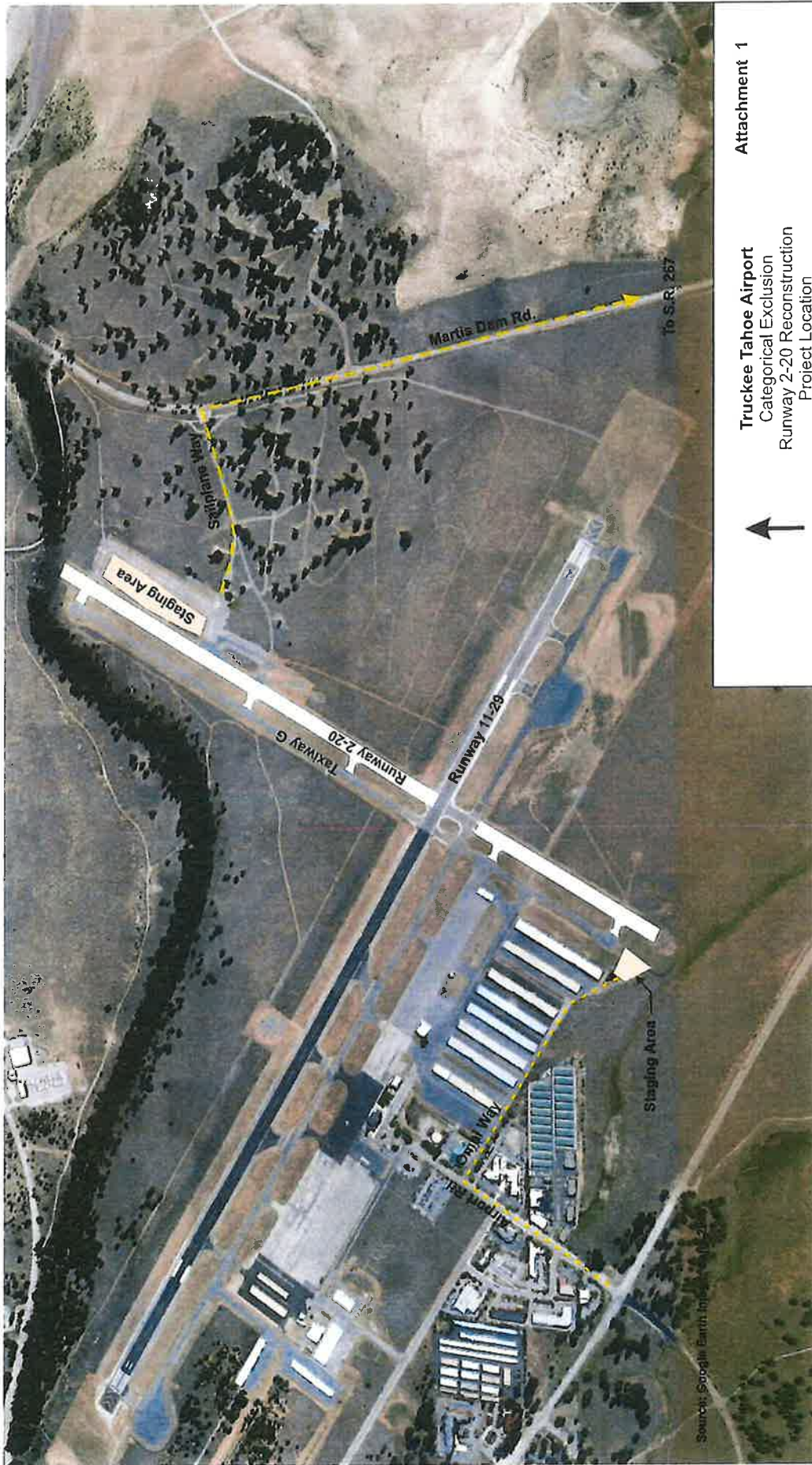
Attachment 1, Project Location

Truckee Tahoe Airport

Signed: 

Date: 

Prepared by: 
Jim Wallace
Wallace Environmental Consulting, Inc.
P.O. Box 266
Courtland, CA 95615
(916) 775 2380
jim@wallaceenvironmental.com



Attachment 1

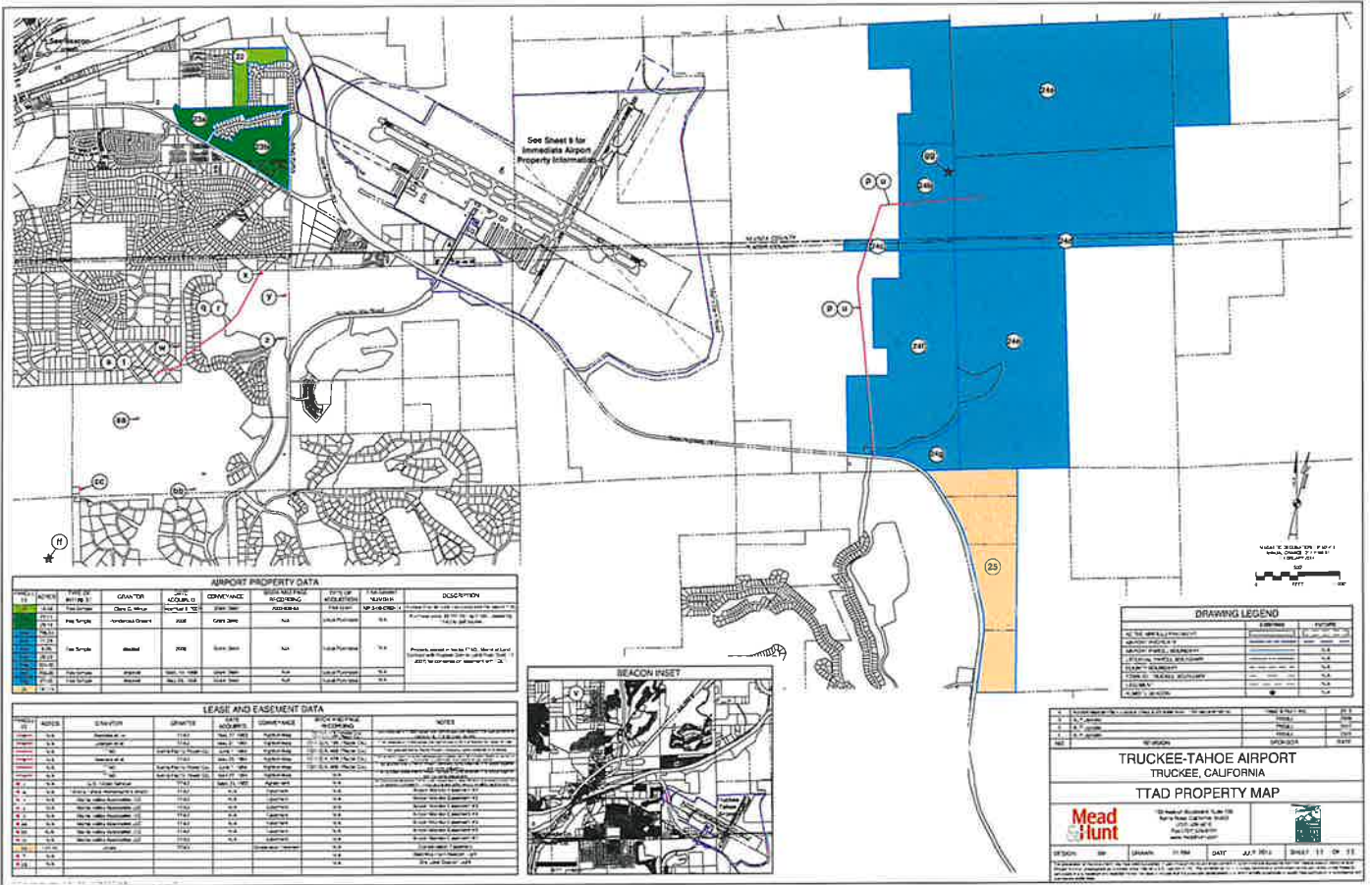
Truckee Tahoe Airport
Categorical Exclusion
Runway 2-20 Reconstruction
Project Location



October 2020

ATTACHMENT 3
EXHIBIT “A”, PROPERTY MAP

TRUCKEE TAHOE AIRPORT
TRUCKEE, NEVADA COUNTY, CALIFORNIA



AIRPORT PROPERTY DATA							
TRACT #	OWNER	CHARTER	DATE	COMMENTS	REMARKS	STATUS	DESCRIPTION
101	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
102	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
103	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
104	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
105	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
106	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
107	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
108	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
109	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
110	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013

LEASE AND EASEMENT DATA							
TRACT #	OWNER	CHARTER	DATE	COMMENTS	REMARKS	STATUS	DESCRIPTION
101	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
102	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
103	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
104	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
105	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
106	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
107	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
108	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
109	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013
110	TRUCKEE-TAHOE AIRPORT	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013	06/20/2013

DRAWING LEGEND	
101	101
102	102
103	103
104	104
105	105
106	106
107	107
108	108
109	109
110	110

101	101
102	102
103	103
104	104
105	105
106	106
107	107
108	108
109	109
110	110

ATTACHMENT 4
STANDARD DOT TITLE VI ASSURANCES

TRUCKEE TAHOE AIRPORT
TRUCKEE, NEVADA COUNTY, CALIFORNIA

STANDARD DOT TITLE VI ASSURANCES


Truckee Tahoe Airport District (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 3/30/2023

TRUCKEE TAHOE AIRPORT DISTRICT
(Sponsor)

By 
Robb Etnyre, General 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 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.

**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.
-

ATTACHMENT 5
SYSTEM FOR AWARD MANAGEMENT (SAM)

TRUCKEE TAHOE AIRPORT
TRUCKEE, NEVADA COUNTY, CALIFORNIA



TRUCKEE-TAHOE AIRPORT DISTRICT

Unique Entity ID FE3TLKSDCD5	CAGE / NCAGE 487Y1	Purpose of Registration Federal Assistance Awards Only
Registration Status Active Registration	Expiration Date May 24, 2023	
Physical Address 10356 Truckee Airport RD Truckee, California 96161-3330 United States	Mailing Address 10356 Truckee Airport RD Truckee, California 96161-3364 United States	

Business Information

Doing Business as TTAD	Division Name (blank)	Division Number (blank)
Congressional District California 04	State / Country of Incorporation (blank) / (blank)	URL (blank)

Registration Dates

Activation Date May 31, 2022	Submission Date May 24, 2022	Initial Registration Date Dec 1, 2005
--	--	---

Entity Dates

Entity Start Date Apr 8, 1958	Fiscal Year End Close Date Dec 31
---	---

Immediate Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Highest Level Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

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 U.S. Government Entity	Entity Type US Local Government	Organization Factors (blank)
Profit Structure (blank)		

Socio-Economic Types

Check the registrant's Reps & 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

Inter-municipal

Other Government Entities

Airport Authority

Financial Information

Accepts Credit Card Payments

Yes

Debt Subject To Offset

No

EFT Indicator

0000

CAGE Code

487Y1

Points of Contact**Electronic Business**

✎

Kelly Woo, Director of Finance

10356 Truckee Airport RD

Truckee, California 96161

United States

Government Business

✎

Kelly Woo, Director of Finance

10356 Truckee Airport RD

Truckee, California 96161

United States

Kelly Woo, Director of Finance

10356 Truckee Airport RD

Truckee, California 96161

United States

Service Classifications**NAICS Codes**

Primary

NAICS Codes

NAICS Title

Disaster Response

This entity does not appear in the disaster response registry.

ATTACHMENT 6
SPONSOR CERTIFICATIONS

TRUCKEE TAHOE AIRPORT
TRUCKEE, NEVADA COUNTY, CALIFORNIA

This attachment consists of the following Sponsor Certifications:

Drug-Free Workplace
Selection of Consultants
Project Plans and Specifications
Equipment and Construction Projects
Construction Project Final Acceptance
Potential Conflicts of Interest



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.



Drug-Free Workplace Airport Improvement Program Sponsor Certification

Sponsor: Truckee Tahoe Airport District

Airport: Truckee Tahoe Airport

Project Number: AIP No. 3-06-0262-046

Description of Work: Construct: Reconstruct Existing Runway 2-20 with Airfield Marking and Lighting

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: Truckee Tahoe Airport

Address: 10356 Truckee Tahoe Airport Road, Truckee, California 96161

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 30 day of March, 2023.

Name of Sponsor: Truckee Tahoe Airport District

Name of Sponsor's Authorized Official: Robb Etnyre

Title of Sponsor's Authorized Official: General 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

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.

Selection of Consultants

Airport Improvement Program Sponsor Certification

Sponsor: Truckee Tahoe Airport District

Airport: Truckee Tahoe Airport

Project Number: AIP No. 3-06-0262-046

Description of Work: Construct: Reconstruct Existing Runway 2-20 with Aifield Marking and Lighting

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 30 day of March, 2023.

Name of Sponsor: Truckee Tahoe Airport District

Name of Sponsor's Authorized Official: Robb Etnyre

Title of Sponsor's Authorized Official: General 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 5100-132, Project Plans and Specifications – Airport Improvement Program Sponsor Certification

Paperwork Reduction Act 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.

Project Plans and Specifications

Airport Improvement Program Sponsor Certification

Sponsor: Truckee Tahoe Airport District

Airport: Truckee Tahoe Airport

Project Number: AIP No. 3-06-0262-046

Description of Work: Construct: Reconstruct Existing Runway 2-20 with Aifield Marking and Lighting

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 30 day of March, 2023.

Name of Sponsor: Truckee Tahoe Airport District

Name of Sponsor's Authorized Official: Robb Etnyre

Title of Sponsor's Authorized Official: General 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 5100-131, Equipment and Construction Contracts – Airport Improvement 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.

Equipment and Construction Contracts Airport Improvement Sponsor Certification

Sponsor: Truckee Tahoe Airport District

Airport: Truckee Tahoe Airport

Project Number: AIP No. 3-06-0262-046

Description of Work: Construct: Reconstruct Existing Runway 2-20 with Aifield Marking and Lighting

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 30 day of March, 2023.

Name of Sponsor: Truckee Tahoe Airport District

Name of Sponsor's Authorized Official: Robb Etnyre

Title of Sponsor's Authorized Official: General 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 5100-129, Construction Project Final Acceptance – Airport Improvement Program Sponsor Certification

Paperwork Reduction Act Burden Statement

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Construction Project Final Acceptance Airport Improvement Program Sponsor Certification

Sponsor: Truckee Tahoe Airport District

Airport: Truckee Tahoe Airport

Project Number: AIP No. 3-06-0262-046

Description of Work: Construct: Reconstruct Existing Runway 2-20 with Aifield Marking and Lighting

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 30 day of March, 2023.

Name of Sponsor: Truckee Tahoe Airport District

Name of Sponsor's Authorized Official: Robb Etnyre

Title of Sponsor's Authorized Official: General 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

Sponsor: Truckee Tahoe Airport District

Airport: Truckee Tahoe Airport

Project Number: AIP No. 3-06-0262-046

Description of Work: Construct: Reconstruct Existing Runway 2-20 with Aifield Marking and Lighting

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 30 day of March, 2023.

Name of Sponsor: Truckee Tahoe Airport District

Name of Sponsor's Authorized Official: Robb Etnyre

Title of Sponsor's Authorized Official: General 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.