



March 12, 2024

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

Subject: Truckee-Tahoe Airport  
Reconstruction of Apron A2  
Engineering Design  
Proposal for Professional Engineering Services

Dear Mr. Etnyre:

Truckee Tahoe Airport District proposes to complete the Reconstruction of Apron A2 at the Truckee Tahoe Airport. The estimated construction cost of this project is approximately \$4,268,000.

We are pleased to present herewith our proposal for preparing engineering design, plans, specifications, and Engineer's Estimates for this project. The plans, specifications, and reports will be prepared to meet all requirements of the District and FAA and will be carried through the District and FAA for approval.

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

- Phase 1 – Preliminary Engineering including environmental, topographic surveys, and geotechnical studies/pavement design.
- Phase 2 – Engineering Design Services Up Through Preparation of Plans and Specifications.

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

Phase 1 - Preliminary Engineering:

- ◆ Prepare environmental documents including Categorical Exclusion (NEPA).
- ◆ Perform detailed topographic surveys.
- ◆ Perform geotechnical studies and pavement design.

Phase 2 - Engineering Design Through Preparation of Plans and Specifications

- ◆ *Final Design, Plans & Specs* - Engineering design, preparation of plans and specifications, preparation of Engineer's Report including Engineer's Estimate, and preparation of Construction Management Plan and Construction Safety Plan

The engineering fees for this project are summarized below:

Phase 1 – Preliminary Engineering	\$ 51,500
Phase 2 – Engineering Design	<u>177,000</u>
Total – Not to Exceed	<u>\$228,500</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 \$228,500.

We include herewith our signed Supplemental Services Agreement No. 3 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.

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

Very truly yours,



R. Damon Brandley

RDB:aw  
Attachments

**TABLE NO. 1**

**TRUCKEE TAHOE AIRPORT**

**RECONSTRUCT APRON A2**

**BREAKDOWN OF ENGINEERING FEES**

**Phase 1 - Preliminary Engineering**

**Environmental Document - Categorical Exclusion**

NEPA Project Manager			\$	3,200.00	
Principal Engineer				<u>320.00</u>	
<i>Total Environmental Documentation</i>			\$	3,520.00	
<i>Total Environmental Documentation - Use</i>					\$ 3,500.00

**Topographic Surveys**

2 Man Survey Crew	40.0 Hrs. @	\$ 225.00	\$	9,000.00	
Cadd Operator	40.0 Hrs. @	105.00		4,200.00	
Senior Drafter	30.0 Hrs. @	120.00		3,600.00	
Travel Expenses				<u>1,000.00</u>	
<i>Total Topographic Surveys</i>			\$	17,800.00	
<i>Total Topographic Surveys - Use</i>					18,000.00

**Geotechnical Studies**

Mobilization			\$	2,500.00	
Truck Drill - 3 Man Crew	20.0 Hrs @	\$ 485.00		9,700.00	
Per Diem - 3 Man Crew	3.0 Day @	800.00		2,400.00	
Daily Travel	2.0 Hrs @	275.00		550.00	
Materials				1,000.00	
Senior Engineer (Field)	26.0 Hrs @	180.00		4,680.00	
Mileage	320.0 Miles @	0.655		209.60	
Geotechnical Engineer (Lab)	10.0 Hrs @	300.00		3,000.00	
Senior Engineer (Lab)	25.0 Hrs @	180.00		4,500.00	
Senior Drafter	4.0 Hrs @	120.00		480.00	
Outside Laboratory Soils Tests				<u>500.00</u>	
<i>Total Geotechnical Studies</i>			\$	29,519.60	
<i>Total Geotechnical Studies - Use</i>					30,000.00

**Phase 2 - Engineering Design:**

***Engineering Services up through Preparation of Plans, Specifications, and Reports***

Principal Engineer	200.0 Hrs. @	\$ 300.00	\$	60,000.00	
Senior Engineer	350.0 Hrs. @	180.00		63,000.00	
Junior Engineer	250.0 Hrs. @	120.00		30,000.00	
Project Administrator	140.0 Hrs. @	100.00		14,000.00	
Clerical	120.0 Hrs. @	75.00		9,000.00	
Miscellaneous - Printing, Shipping, etc.				<u>500.00</u>	
<i>Total Engineering Design</i>			\$	176,500.00	
					Use <u>177,000.00</u>
<b>Total Engineering Fees</b>					<b><u>\$ 228,500.00</u></b>