

SUPPLEMENTAL SERVICES AGREEMENT NO. 3

ARMSTRONG CONSULTANTS, INC. (AIRPORT ENGINEERING CONSULTANT)

THIS SUPPLEMENTAL SERVICES AGREEMENT NO. 3, hereinafter referred to as Supplemental Agreement, is made and entered into this _____ day of _____, 2023, by and between the COUNTY OF LAKE, hereinafter referred to as COUNTY, and ARMSTRONG CONSULTANTS, INC, hereinafter referred to as ENGINEER:

W I T N E S S E T H:

WHEREAS, the COUNTY has entered into a General Services Agreement dated July 26, 2022, with ENGINEER to perform engineering services, including planning studies, topographic surveys, soil tests and pavement evaluation studies, preparation of applications for State and Federal Aid, environmental studies, preliminary engineering studies, designs and cost estimates, engineering design including complete construction plans and specifications, and all engineering consultation required by COUNTY; and,

WHEREAS, the COUNTY AND ENGINEER now desire to also enter into this Supplemental Agreement with the scope of services described herein for project development for Lampson Field Airport,

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

1. The General Services Agreement remains in full force and effect, and in the performance of this Supplemental Agreement ENGINEER is held to all provisions and the terms of the General Services Agreement.

2. **Projects**

The project covered by this Supplemental Agreement shall include the following:

- Review of the constraints to the ultimate airport buildout, which includes an extension of the existing runway to facilitate larger airplane traffic.

3. **Scope of Work**

The scope of work covered by this Agreement is described in the Scope of Work and Cost Proposal dated May 24, 2023, prepared by ARMSTRONG CONSULTANTS, INC., which is attached as Exhibit "A".

4. **Compensation**

- A. As full compensation for all work or services to be provided by ENGINEER hereunder, County shall make payments to ENGINEER based on monthly invoices for all services performed under this Agreement. Invoices shall reference the project title and include a detailed breakdown of work items completed to date and the cost of work remaining. Payment will be a lump sum based on the percentage of work complete per task. Invoices are due and payable upon receipt. The total fee for the project will not exceed \$34,104.00 without prior approval of the County.

Upon satisfactory completion of services summarized in Attachment "A", the final payment of any balance will be due upon receipt of the final invoice. The final invoice shall be submitted within 60-calendar days after completion of the ENGINEER'S work.

- B. **Interest:** Interest at the rate of 1-1/2% per month, or that permitted by law if lesser, will be charged on all past-due amounts starting thirty (30) days after receipt of invoice and required documentation. Payments will first be credited to interest and then to principal.

In the event of a disputed or contested billing, only that portion so contested will be withheld from payment, and the undisputed portion will be paid. COUNTY will exercise reasonableness in contesting any bill or portion thereof. No interest will accrue on any contested portion of the billing until mutually resolved.

If COUNTY fails to make payment in full to ENGINEER for services within sixty (60) days of

the date due for any uncontested billing, ENGINEER may, after giving seven (7) days written notice to COUNTY, suspend services under this Agreement until paid in full, including interest. In the event of suspension of services, ENGINEER will have no liability to COUNTY for delays or damages caused COUNTY because of such suspension of services.

5. **Duration of Contract**

ENGINEER shall begin immediately on the work as assigned and this AGREEMENT shall remain in full force for a period of one (1) year from the date of approval or until terminated by either party.

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

County of Lake, a political
subdivision of the State of California

ARMSTRONG CONSULTANTS, INC.
Consulting Engineer

By _____
Chair, Board of Supervisors
(COUNTY)

(ENGINEER)

ATTEST: SUSAN PARKER
CLERK TO THE BOARD

APPROVED AS TO FORM:
LLOYD GUINTIVANO
COUNTY COUNSEL

By _____



**LAMPSON FIELD AIRPORT
LAKE COUNTY, CALIFORNIA
ULTIMATE AIRPORT CONSTRAINTS ANALYSIS
SCOPE OF WORK**

May 24, 2023

OBJECTIVE

Lake County (County) wishes to identify the constraints to development of the ultimate configuration of Lampson Field. Armstrong Consultants (Consultant) will undertake the tasks in this Scope of Work to provide the documentation the County seeks. The analysis will be at a high level and designed to facilitate discussion of the topic by the Board of Supervisors.

ELEMENT 1 - PROJECT MANAGEMENT

Task 1.1 Project Management and Quality Control

Description: To provide appropriate direction and project management for the development of the Lampson Field Ultimate Airport Constraints Analysis project as each task is undertaken and completed, Armstrong Consultants will maintain close liaison with the County to ensure the plan truly reflects the appropriate development needs.

To ensure consistency throughout the project in terms of written and graphic communication, Armstrong Consultants will be responsible, through regular in-house meetings and communications, for quality control, , editingpresentation graphics, and production of all documents, including draft reports, final reports, preliminary designs, and others as appropriate.

The duration of the project will be up to six (6) months. Invoices will be submitted to the County at key project milestones based on the percentage of tasks completed. Progress reports will accompany each billing.

Responsibilities:

- Consultant: Develop a program for project execution from all members of the Armstrong Consultants team including schedule, budget, meeting summaries, billings, and progress reports.
- County: Review and monitor all project management deliverables provided by Armstrong Consultants.

Output: A program for assuring the overall project is developed collaboratively by the Consultant and County.

Task 1.2 Format of Project Deliverables

Description: All project deliverables will be provided to the County, and other parties as directed by the County, in digital format. Draft and final deliverables will be provided in PDF format. If requested by the County graphics will be provided in a DWG format compatible with the version

potential for an improved instrument approach procedure. A plan view graphic will be produced that depicts terrain penetrations. The graphic will not document the heights of objects; it will simply show that they are a penetration. No surveying will be undertaken as a part of this project. This analysis will not include an analysis using the standards in Federal Aviation Administration Order 8260.3D, *United States Standard for Terminal Instrument Procedures (TERPS)*. Instrument approach procedure development is not included in this task.

Responsibilities:

- Consultant:
 - Preparation of schematic drawing of the ultimate airfield.
 - Preparation of a simplified airspace graphic in plan view.
- County: Respond to requests for clarification of County intent, if needed.

Output: Material that will be included in the summary report.

ELEMENT 3 - DEFINE CONSTRAINTS

Task 3.1 Identify Constraints

Description: Using the Runway Design Code developed in Element 2, the Consultant will document how the airfield would change to meet FAA design standards and longer runway. Graphics will be developed to illustrate how the new design standards would impact existing facilities. Nonstandard conditions will also be documented. Identified constraints will be documented and conceptual means of addressing the constraints will be noted. Specific designs to address constraints will not be provided. Cost estimates to address constraints and environmental impacts will also not be provided.

Responsibilities:

- Consultant: A graphic depiction of the constraints to construction of the ultimate airfield.
- County: Provide an AutoCAD (DWG) file of the currently approved ALP.

Output: Material that will be included in the summary report.

ELEMENT 4 – ASSESS POTENTIAL FOR SPECIFIC AVIATION USES

Task 4.1 Potential for New Aviation Uses

Description: The Consultant will provide a high-level assessment of the potential for specific uses identified by the County to be attracted to or viable at the ultimate version of Lampson Field. The following specific uses will be evaluated:

- Temporary or permanent fire attack base
- Small-package shipment (e.g., UPS or FedEx)
- Fixed-wing medical transport
- Scheduled passenger service (including scheduled charter)



**PROJECT COST SUMMARY
ULTIMATE AIRPORT CONSTRAINTS ANALYSIS
LAMPSON FIELD**

| Project Work Elements | Hours | Cost |
|--|--------------|--------------------|
| Element 1: Project Management | 22 | \$3,968.00 |
| Element 2: Define Ultimate Airport | 60 | \$8,798.00 |
| Element 3: Define Constraints | 48 | \$7,346.00 |
| Element 4: Assess Potential for Specific Aviation Uses | 10 | \$2,028.00 |
| Element 5: Documentation and Presentation | 58 | \$9,774.00 |
| Labor Subtotal | 198 | \$31,914.00 |
| Travel Subtotal | - | \$2,190.00 |
| Total Project Cost | - | \$34,104.00 |