

Attachment 1

Consultant Services Agreement with Environmental Science Associates regarding the update of the Humboldt County Airports Land Use Compatibility Plan

AGREEMENT FOR CONSULTANT SERVICES

BY AND BETWEEN

COUNTY OF HUMBOLDT

AND

ENVIRONMENTAL SCIENCE ASSOCIATES

PROJECT NAME: Update of the Humboldt County Airports Land Use Compatibility Plan

PROJECT NUMBER: [_____]

This Agreement, entered into this 8th day of May, 2018, by and between the County of Humboldt, a political subdivision of the State of California, hereinafter referred to as "COUNTY," and Environmental Science Associates, a California S Corporation, (AKA ESA), hereinafter referred to as "CONSULTANT," is made upon the following considerations:

WHEREAS, COUNTY, by and through its Department of Public Works – Land Use Division, desires to retain the services of CONSULTANT to update the Humboldt County Airports Land Use Compatibility Plan; and

WHEREAS, such work involves the performance of professional and technical services of a temporary and occasional character, and COUNTY has no employees available to perform such services and is unable to hire employees for the performance thereof for the temporary period; and

WHEREAS, Pursuant to California Government Code Section 31000, COUNTY may retain independent contractors to perform special services for COUNTY or any department thereof; and

WHEREAS, CONSULTANT has represented that it is qualified to perform said services.

NOW THEREFORE, the parties hereto mutually agree as follows:

1. OF CONSULTANT OBLIGATIONS:

- A. Professional Services. CONSULTANT agrees to furnish professional consulting services in accordance with the criteria, schedule and fiscal requirements set forth in Exhibit A – Scope of Services, Exhibit B – Project Schedule, Exhibit C – Project Budget and Exhibit D – Billing Rate Schedule, which are attached hereto and incorporated herein by reference. In providing such services CONSULTANT agrees to fully cooperate with the Humboldt County Department of Public Works Director or designee thereof, hereinafter referred to as "Director."
- B. Additional Services. No additional services shall be performed by CONSULTANT prior to the execution of a written amendment to this Agreement and the issuance of a separate "Notice to Proceed" authorizing the performance of such additional services. Any amendments authorizing the performance of additional services shall include a detailed description of such services, the dollar value thereof and the method by which such services shall be compensated.

2. OBLIGATIONS OF COUNTY:

- A. Provision of Necessary Data and Materials. COUNTY shall provide CONSULTANT with all background data necessary for CONSULTANT to complete the services required hereunder.
- B. COUNTY Representative. COUNTY shall designate a representative with complete authority to transmit instructions and information, receive correspondence, interpret policy and define decisions pertaining to this Agreement. COUNTY's representative shall have overall charge and responsibility of COUNTY's activities and obligations hereunder. All correspondence pertaining to the performance of CONSULTANT's duties and obligations contained herein shall be submitted to COUNTY's representative.
- C. Review of Submitted Materials. COUNTY shall thoroughly review all draft reports, sketches, proposals and other documents submitted by CONSULTANT. COUNTY shall provide CONSULTANT with a written response pertaining to the review of documents submitted by CONSULTANT within thirty (30) calendar days from the receipt thereof.

3. TERM:

This Agreement shall begin upon execution by both parties and remain in full force and effect for a period of three (3) years, unless sooner terminated as provided herein.

4. TERMINATION:

- A. Breach of Contract. If, in the opinion of COUNTY, CONSULTANT fails to adequately perform the services required hereunder within the time limits specified herein, or otherwise fails to comply with the terms of this Agreement, or violates any ordinance, regulation or other law applicable to its performance herein, COUNTY shall have the right to cancel or terminate this Agreement immediately, upon notice.
- B. Without Cause. COUNTY may terminate this Agreement without cause upon thirty (30) days advance written notice. Such notice shall state the effective date of the termination.
- C. Insufficient Funding. COUNTY's obligations under this Agreement are contingent upon the availability of local, state and/or federal funds. In the event such funding is terminated, COUNTY shall, at its sole discretion, determine whether this Agreement shall be terminated. COUNTY shall provide CONSULTANT seven (7) days advance written notice of its intent to terminate this Agreement due to insufficient funding.
- D. Compensation. In the event of any termination of this Agreement, CONSULTANT shall be entitled to compensation for uncompensated services rendered hereunder through and including the effective date of such termination. However, this provision shall not limit or reduce any damages owing to COUNTY resulting from a breach of this Agreement.

5. COMPENSATION:

The maximum amount payable by COUNTY for services rendered, and expenses incurred, by CONSULTANT pursuant to the terms and conditions of this Agreement is Two Hundred Fifty Thousand Twenty Eight Dollars and no cents (\$250,028.00), which includes three additive options of twenty thousand eight hundred thirty-six dollars (\$20,836.00) each.

Agreement for Consultant Services**Update of the Humboldt County Airports Land Use Compatibility Plan**

Item	Amount
Base Agreement Amount	\$187,520.00
Additive Option 1: Hoopa Airport (Hoopa Tribe)	\$20,836.00
Additive Option 2: Samoa Field (City of Eureka)	\$20,836.00
Additive Option 3: Shelter Cove Airport (Resort Improvement District)	\$20,836.00
MAXIMUM TOTAL (base plus all three additive option)	\$250,028.00

This agreement approves the Base Agreement amount of One Hundred Eighty Seven Thousand Five Hundred Twenty Dollars (\$187,520.00). Director of Public Works shall have the authority to approve any or all of the three additive options.

The specific rates and costs applicable to this Agreement shall be as set forth in Exhibit C – Project Budget.

6. PAYMENT:

CONSULTANT shall submit to COUNTY monthly progress reports and invoices which itemize all work completed as of the invoice date. All invoices submitted by CONSULTANT shall be in a format approved by, and shall include backup documentation as specified by, Director and the Humboldt County Auditor-Controller. CONSULTANT shall submit a final undisputed invoice for payment not more than thirty (30) days following the expiration or termination date of this Agreement. Payment for services rendered and expenses incurred hereunder shall be made within thirty (30) days after the receipt of approved invoices.

7. NOTICES:

Any and all notices required to be given pursuant to the terms of this Agreement shall be in writing and served personally, or sent by certified mail, return receipt requested, to the respective addresses set forth below. Notice shall be effective upon actual receipt or refusal as shown on the receipt obtained pursuant to the foregoing.

COUNTY: County of Humboldt
Department of Public Works – Land Use Division
Attn: Robert W. Bronkall, Deputy Director
1106 Second Street
Eureka, CA 95501

CONSULTANT: Environmental Science Associates (ESA)
Attn: Chris Jones, AICP, Senior Managing Associate
2600 Capitol Avenue Suite 200
Sacramento, CA 95816

8. REPORTS:

- A. CONSULTANT agrees to provide COUNTY with any and all reports which may be required by local, state or federal agencies for compliance with this Agreement. Reports shall be submitted no later than fifteen (15) days after the end of each calendar quarter using the format required by the State of California as appropriate.

9. RECORD RETENTION AND INSPECTION:

- A. Maintenance and Preservation of Records. CONSULTANT agrees to timely prepare accurate and complete financial, performance and payroll records relating to the services provided hereunder, and to maintain and preserve said records for at least three (3) years from the date of final payment under this Agreement, except that if any litigation, claim, negotiation, audit or other action is pending, the records shall be retained until completion and resolution of all issues arising therefrom. The books and records shall be original entry books with a general ledger itemizing all debits and credits for the work performed.
- B. Inspection of Records. Pursuant to California Government Code Section 8546.7, all records, documents, conditions and activities of CONSULTANT, and its subcontractors, related to the services provided hereunder, shall be subject to the examination and audit of the California State Auditor and other duly authorized agents of the State of California for a period of three (3) years after final payment under this Agreement. CONSULTANT hereby agrees to make such records available during normal business hours to inspection, audit and reproduction by COUNTY and any duly authorized local, state or federal agencies. CONSULTANT further agrees to allow interviews of any of its employees who might reasonably have information related to such records by COUNTY and any duly authorized local, state or federal agencies. All examinations and audits conducted under this section shall be strictly confined to those matters connected with the performance of this Agreement.
- C. Audit Costs. In the event of an audit exception or exceptions, the party responsible for not meeting the requirements of the project shall be responsible for the deficiency and for the cost of the audit. If the allowable expenditures cannot be determined because CONSULTANT's documentation is nonexistent or inadequate, according to generally accepted accounting practices, the questionable cost shall be disallowed by COUNTY.

10. MONITORING:

CONSULTANT agrees that COUNTY has the right to monitor all activities related to this Agreement, including the right to review and monitor CONSULTANT's records, programs or procedures, at any time, as well as the overall operation of CONSULTANT's programs in order to ensure compliance with the terms and conditions of this Agreement. However, COUNTY is not responsible, and will not be held accountable, for overseeing or evaluating the adequacy of the results of services performed by CONSULTANT pursuant to the terms of this Agreement.

11. CONFIDENTIAL INFORMATION:

- A. Disclosure of Confidential Information. In performance of this Agreement, CONSULTANT may receive information that is confidential under local, state or federal law. CONSULTANT hereby agrees to protect all confidential information in conformance with any and all applicable local, state and federal laws and regulations, including, but not limited to: California Welfare and Institutions Code Sections 827, 5328 and 10850; California Health & Safety Code Sections 1280.15 and 130203; the California Confidentiality of Medical Information Act ("CMIA"); the federal Health Information Technology for Economic and Clinical Health Act, ("HITECH Act"); the federal Health Insurance Portability and Accountability Act of 1996 ("HIPAA") and any current and future implementing regulations promulgated thereunder, including, without limitation, the Federal Privacy Regulations contained in Title 45 of the Code of Federal Regulations ("C.F.R.") Parts 160 and 164, the Federal Security Standards contained in 45 C.F.R. Parts 160, 162 and 164 and the Federal Standards for Electronic Transactions contained

in 45 C.F.R. Parts 160 and 162, all as may be amended from time to time.

- B. Continuing Compliance with Confidentiality Laws. The parties acknowledge that federal and state confidentiality laws are rapidly evolving and that amendment of this Agreement may be required to ensure compliance with such developments. Each party agrees to promptly enter into negotiations concerning an amendment to this Agreement embodying written assurances consistent with the standards and requirements of HIPAA, the HITECH Act, the CMIA and any other applicable local, state and federal laws or regulations.

12. **NUCLEAR FREE HUMBOLDT COUNTY ORDINANCE COMPLIANCE:**

CONSULTANT certifies by its signature below that it is not a Nuclear Weapons Contractor, in that CONSULTANT is not knowingly or intentionally engaged in the research, development, production or testing of nuclear warheads, nuclear weapons systems or nuclear weapons components, as defined by the Nuclear Free Humboldt County Ordinance. CONSULTANT agrees to notify COUNTY immediately if it becomes a Nuclear Weapons Contractor, as defined above. COUNTY may immediately terminate this Agreement if it determines that the foregoing certification is false or if CONSULTANT becomes a Nuclear Weapons Contractor.

13. **NONDISCRIMINATION COMPLIANCE:**

- A. Professional Services and Employment. In connection with the execution of this Agreement, CONSULTANT shall not discriminate in the provision of professional services or against any employee or applicant for employment because of race, religion or religious creed, color, age (over forty (40) years of age), sex (including gender identity and expression, pregnancy, childbirth and related medical conditions), sexual orientation (including heterosexuality, homosexuality and bisexuality), national origin, ancestry, marital status, medical condition (including cancer and genetic characteristics), mental or physical disability (including HIV status and AIDS), political affiliation, military service, or any other classification protected by local, state or federal laws and regulations. Nothing herein shall be construed to require employment of unqualified persons.
- B. Compliance with Anti-Discrimination Laws. CONSULTANT further assures that it will abide by the provisions of Title VI and Title VII of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, as amended, the Age Discrimination Act of 1975, California Welfare and Institutions Code Section 10000, CDSS MPP Division 21, United States Executive Order 11246, as amended, and any other applicable local, state and federal laws and regulations. Practices in hiring, compensation, benefits and firing are among the employment practices subject to this requirement.

14. **DRUG-FREE WORKPLACE:**

By signing this Agreement, CONSULTANT hereby certifies that CONSULTANT will comply with the requirements of the Drug-Free Workplace Act of 1990 (California Government Code Sections 8350 et seq.), and will provide a drug-free workplace by doing all of the following:

- A. Drug-Free Policy. Publish, as required by California Government Code Section 8355(a)(1), a Drug-Free Policy Statement which notifies employees that the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance is prohibited, and specifies the actions to be taken against employees for violations.

- B. Drug-Free Awareness Program. Establish, as required by California Government Code Section 8355(a)(2), a Drug-Free Awareness Program which informs employees about the following:
1. The dangers of drug abuse in the workplace;
 2. CONSULTANT's policy of maintaining a drug-free workplace;
 3. Any available counseling, rehabilitation and employee assistance programs; and
 4. Penalties that may be imposed upon employees for drug abuse violations.
- C. Drug-Free Employment Agreement. Ensure, as required by California Government Code Section 8355(a)(3), that every employee who provides services hereunder will:
1. Receive a copy of CONSULTANT's Drug-Free Policy Statement; and
 2. Agree to abide by the terms of CONSULTANT's Drug-Free Policy as a condition of employment.
- D. Noncompliance. Failure to comply with the above-referenced requirements may result in suspension of payments under this Agreement and/or termination thereof, and CONSULTANT may be ineligible for award of future contracts if COUNTY determines that the foregoing certification is false or if CONSULTANT violates the certification by failing to carry out the above-referenced requirements.

15. **INDEMNIFICATION:**

CONSULTANT shall hold harmless, defend and indemnify COUNTY and its officers, officials, employees and volunteers from and against any and all liability, loss, damage, expense, costs (including without limitation costs and fees of Litigation) of every nature to the extent arising out of or in connection with CONSULTANT's performance of work hereunder or its failure to comply with any of its obligations contained in the Agreement, except such loss or damage which was caused by the negligence or willful misconduct of the COUNTY. CONSULTANT shall reimburse COUNTY for all costs, attorneys' fees, expenses and liabilities incurred with respect to any Litigation in which CONSULTANT is obligated to indemnify, defend and hold harmless COUNTY under this Agreement.

16. **INSURANCE REQUIREMENTS:**

This Agreement shall not be executed by COUNTY, and CONSULTANT is not entitled to any rights hereunder, unless certificates of insurance, or other sufficient proof that the following provisions have been complied with, are filed with the Clerk of the Humboldt County Board of Supervisors.

- A. General Insurance Requirements. Without limiting CONSULTANT's indemnification obligations provided for herein, CONSULTANT shall, and shall require that all subcontractors hereunder, take out and maintain, throughout the entire period of this Agreement, and any extended term thereof, the following policies of insurance, placed with insurers authorized to do business in the State of California with a current A.M. Best's rating of no less than A; VII or its equivalent, against personal injury, death and property damage which may arise from, or in connection with, the activities of CONSULTANT, its agents, officers, directors, employees, licensees, invitees, assignees and subcontractors:
1. Comprehensive or Commercial General Liability Insurance at least as broad as Insurance Services Office Commercial General Liability Coverage (occurrence form CG0001), in an amount of Two Million Dollars (\$2,000,000) per occurrence for any one incident, including, but not limited to, personal injury, death and property damage. If a general

aggregate limit is used, such limit shall apply separately hereto or shall be twice the required occurrence limit.

2. Automobile/Motor Liability Insurance with a limit of liability not less than One Million Dollars (\$1,000,000) combined single limit coverage. Such insurance shall include coverage of all owned, non-owned and hired vehicles. Said coverage shall be at least as broad as Insurance Service Offices Form Code 1 (any auto).
3. Workers' Compensation Insurance, as required by the California Labor Code, with statutory limits and Employers' Liability Insurance with a limit of no less than One Million Dollars (\$1,000,000) per accident for bodily injury or disease. Said policy shall contain, or be endorsed to contain, a waiver of subrogation against COUNTY, its agents, officers, officials, employees and volunteers. In the event CONSULTANT is self-insured, a Certificate of Permission to Self-Insure, signed by the California Department of Industrial Relations Administration of Self-Insurance shall be filed with the Clerk of the Humboldt County Board of Supervisors.
4. Professional Liability Insurance – Error and Omission Coverage, including coverage in an amount no less than Two Million Dollars (\$2,000,000) for each occurrence (Four Million Dollars (\$4,000,000) general aggregate. Said insurance shall be maintained for the statutory period during which CONSULTANT may be exposed to liability. CONSULTANT shall require that such coverage be incorporated into its professional services agreements with any other entities.

B. Special Insurance Requirements. Said policies shall, unless otherwise specified herein, be endorsed with the following provisions:

1. The Comprehensive or Commercial General Liability Policy shall provide that COUNTY, its agents, officers, officials, employees and volunteers, are covered as additional insureds for liability arising out of the operations performed by or on behalf of CONSULTANT. The coverage shall contain no special limitations on the scope of protection afforded to COUNTY, its agents, officers, officials, employees and volunteers. Said policy shall also contain a provision stating that such coverage:
 - a. Includes contractual liability.
 - b. Does not contain exclusions as to loss or damage to property caused by explosion or resulting from collapse of buildings or structures or damage to property underground, commonly referred to as "XCU Hazards."
 - c. Is the primary insurance with regard to COUNTY.
 - d. Does not contain a pro-rata, excess only and/or escape clause.
 - e. Contains a cross liability, severability of interest or separation of insureds clause.
2. The above-referenced policies shall not be canceled, non-renewed or materially reduced in coverage without thirty (30) days prior written notice being provided to COUNTY in accordance with the notice provisions set forth herein. It is further understood that CONSULTANT shall not terminate such coverage until COUNTY receives adequate proof that equal or better insurance has been secured.

3. The inclusion of more than one insured shall not operate to impair the rights of one insured against another insured, and the coverage afforded shall apply as though separate policies had been issued to each insured, but the inclusion of more than one insured shall not operate to increase the limits of the insurer's liability.
4. For claims related to this Agreement, CONSULTANT's insurance is the primary coverage to COUNTY, and any insurance or self-insured programs maintained thereby are excess to CONSULTANT's insurance and will not be used to contribute therewith.
5. Any failure to comply with the provisions of this Agreement, including breach of warranties, shall not affect coverage provided to COUNTY, its agents, officers, officials, employees and volunteers.
6. CONSULTANT shall furnish COUNTY with certificates and original endorsements effecting the required coverage prior to execution of this Agreement. The endorsements shall be on forms approved by the Humboldt County Risk Manager or County Counsel. Any deductible or self-insured retention over One Hundred Thousand Dollars (\$100,000) shall be disclosed to, and approved by, COUNTY. If CONSULTANT does not keep all required policies in full force and effect, COUNTY may, in addition to other remedies under this Agreement, take out the necessary insurance, and CONSULTANT agrees to pay the cost thereof. COUNTY is also hereby authorized to deduct the cost of said insurance from the monies owed to CONSULTANT under this Agreement.
7. COUNTY is to be notified immediately if twenty-five percent (25%) or more of any required insurance aggregate limit is encumbered, and CONSULTANT shall be required to purchase additional coverage to meet above-referenced aggregate limits.

- C. Insurance Notices. Any and all insurance notices required to be given pursuant to the terms of this Agreement shall be sent to the addresses set forth below in accordance with the notice provisions described herein.

COUNTY: County of Humboldt
Risk Management
825 Fifth Street, Room 131
Eureka, CA 95501

County of Humboldt
Department of Public Works – Land Use Division
Attn: Robert W. Bronkall, Deputy Director
1106 Second Street
Eureka, California, 95501

CONSULTANT: Environmental Science Associates (ESA)
Attn: Chris Jones, AICP, Senior Managing Associate
2600 Capitol Avenue Suite 200
Sacramento, CA 95816

17. RELATIONSHIP OF PARTIES:

It is understood that this Agreement is by and between two independent contractors and is not intended to, and shall not be construed to, create the relationship of agent, servant, employee, partnership, joint venture or any other similar association. Both parties further agree that CONSULTANT shall not be entitled to any benefits to which COUNTY employees are entitled, including, but not limited to, overtime, retirement benefits, leave

benefits or workers' compensation. CONSULTANT shall be solely responsible for the acts or omissions of its agents, officers, directors, employees, licensees, invitees, assignees and subcontractors.

18. THIRD PARTY BENEFICIARIES:

CONSULTANT shall require that all subcontractors hereunder agree to be bound by the terms and conditions of this Agreement as applicable. However, nothing in this provision shall operate to confer any rights, remedies, obligations or liabilities upon any third parties.

19. COMPLIANCE WITH APPLICABLE LAWS:

CONSULTANT agrees to use usual and customary care within the standard of practice to comply with all local, state and federal laws and regulations applicable to the services covered by this Agreement. CONSULTANT further agrees to comply with all applicable local, state and federal licensure and certification requirements.

20. PROVISIONS REQUIRED BY LAW:

This Agreement is subject to any additional local, state and federal restrictions, limitations or conditions that may affect the provisions, terms or funding of this Agreement. This Agreement shall be read and enforced as though all legally required provisions are included herein, and if for any reason any such provision is not included, or is not correctly stated, the parties agree to amend the pertinent section to make such insertion or correction.

21. SEVERABILITY:

If any provision of this Agreement, or any portion thereof, is found by any court of competent jurisdiction to be unenforceable or invalid for any reason, such provision shall be severable and shall not in any way impair the enforceability of any other provision of this Agreement.

22. ASSIGNMENT:

CONSULTANT shall not delegate its duties or assign its rights hereunder, either in whole or in part, without COUNTY's prior written consent. Any assignment by CONSULTANT in violation of this provision shall be void, and shall be cause for immediate termination of this Agreement. This provision shall not be applicable to service agreements or other arrangements usually or customarily entered into by CONSULTANT to obtain supplies, technical support or professional services.

23. AGREEMENT SHALL BIND SUCCESSORS:

All provisions of this Agreement shall be fully binding upon, and shall inure to the benefit of, the parties and to each of their heirs, executors, administrators, successors and assigns.

24. NO WAIVER OF DEFAULT:

- A. **General Waivers.** The waiver by either party of any breach or violation of any requirement of this Agreement shall not be deemed to be a waiver of any such breach in the future, or of the breach of any other requirement of this Agreement.
- B. **Payment.** In no event shall any payment by COUNTY constitute a waiver of any breach of this Agreement or any default which may then exist on the part of CONSULTANT. Nor shall such payment impair or prejudice any remedy available to COUNTY with respect to the breach or default. COUNTY shall have the right to demand repayment of, and CONSULTANT shall promptly refund, any funds disbursed to CONSULTANT, which in the judgment of COUNTY were not expended in accordance with the terms of this Agreement.

25. NON-LIABILITY OF COUNTY OFFICIALS AND EMPLOYEES:

No official or employee of COUNTY shall be personally liable for any default or liability under this Agreement.

26. AMENDMENT:

No addition to, or alteration of, the terms of this Agreement shall be valid unless made in writing and signed by the parties hereto.

27. STANDARD OF PRACTICE:

CONSULTANT warrants that it has the degree of learning and skill ordinarily possessed by reputable professionals practicing in similar localities in the same profession and under similar circumstances. CONSULTANT's duty is to exercise such care, skill and diligence as professionals engaged in the same profession ordinarily exercise under like circumstances. It is hereby understood that COUNTY's acceptance of the services performed by CONSULTANT hereunder shall not operate as a waiver or release of any breach of this Agreement.

28. TITLE TO INFORMATION AND DOCUMENTS:

It is understood that any and all documents, information, and reports concerning the subject matter of this Agreement prepared and/or submitted by CONSULTANT shall become the property of COUNTY upon payment therefor. However, CONSULTANT may retain copies of such documents and information for its records. In the event of termination of this Agreement, for any reason whatsoever, CONSULTANT shall promptly turn over all information, writings and documents pertaining to the services provided hereunder to COUNTY without exception or reservation. COUNTY's use of such information and documents for a purpose other than that for which they were created will be at COUNTY's sole risk and without liability to CONSULTANT.

29. ADVERTISING AND MEDIA RELEASE:

All informational material related to this Agreement shall receive approval from COUNTY prior to being used as advertising or released to the media (television, radio, newspapers and internet). CONSULTANT shall inform COUNTY of all requests for interviews by media related to this Agreement before such interviews take place; and COUNTY is entitled to have a representative present at such interviews. All notices required by this provision shall be given to Director.

30. SUBCONTRACTS:

CONSULTANT shall obtain prior written approval from COUNTY before subcontracting any of the services to be delivered hereunder. Any and all subcontracts will be subject to all applicable provisions of this Agreement. CONSULTANT shall remain legally responsible for the performance of all terms and conditions of this Agreement, including work performed by third parties under subcontracts, whether approved by COUNTY or not.

31. JURISDICTION AND VENUE:

This Agreement shall be construed in accordance with the laws of the State of California. Any dispute arising hereunder, or relating hereto, shall be litigated in the State of California and venue shall lie in the County of Humboldt unless transferred by court order pursuant to California Code of Civil Procedure Sections 394 or 395.

Agreement for Consultant Services

Update of the Humboldt County Airports Land Use Compatibility Plan

IN WITNESS WHEREOF, the parties have entered into this Agreement as of the date written above.

ENVIRONMENTAL SCIENCE ASSOCIATES:

By: Catherine C. McEfee
Name: Catherine C. McEfee
Title: Vice President

Date: 5/2/18

By: Brian D. Boxer
Name: Brian D. Boxer
Title: Sr. Vice President

Date: 5/2/18

COUNTY OF HUMBOLDT:

By: Ryan Sharp
Chair, Board of Supervisors

Date: 5/8/18

(SEAL)

ATTEST:

Clerk of the Board

By: Ryan Sharp, Deputy

INSURANCE AND INDEMNIFICATION REQUIREMENTS APPROVED:

By: Klaus
Risk Manager

Exhibit "A" – Scope of Services

Exhibit "B" – Project Schedule

Exhibit "C" – Project Budget

Exhibit "D" – Billing Rate Schedule

32. ATTORNEY FEES:

If either party shall commence any legal action or proceeding, including an action for declaratory relief, against the other by reason of the alleged failure of the other to perform or keep any provision of this Agreement from being performed, each party shall bear its own costs and attorney fees

33. SURVIVAL:

The duties and obligations of the parties set forth in Sections 4(D), 9, 11 and 15 shall survive the expiration or termination of this Agreement.

34. CONFLICTING TERMS OR CONDITIONS:

In the event of any conflict in the terms or conditions set forth in any other agreements in place between the parties hereto and the terms and conditions set forth in paragraphs 1 through 39 of this Agreement, paragraphs 1 through 39 of this Agreement shall have priority.

35. INTERPRETATION:

This Agreement, as well as its individual provisions, shall be deemed to have been prepared equally by both of the parties hereto, and shall not be construed or interpreted more favorably for one party on the basis that the other party prepared it.

36. INDEPENDENT CONSTRUCTION:

The titles of the sections, subsections, and paragraphs set forth in this Agreement are inserted for convenience of reference only, and shall be disregarded in construing or interpreting any of the provisions of this Agreement.

37. FORCE MAJEURE:

Neither party hereto shall be liable or responsible for delays or failures in performance resulting from events beyond the reasonable control of such party and without fault or negligence of such party. Such events shall include, but not be limited to, acts of God, strikes, lockouts, riots, acts of war, epidemics, acts of government, fire, power failures, nuclear accidents, earthquakes, unusually severe weather, acts of terrorism or other disasters, whether or not similar to the foregoing.

38. ENTIRE AGREEMENT:

This Agreement contains all of the terms and conditions agreed upon by the parties hereto and no other agreements, oral or otherwise, regarding the subject matter of this Agreement shall be deemed to exist or to bind either of the parties hereto. In addition, this Agreement shall supersede in its entirety any and all prior agreements, promises, representations, understandings and negotiations, whether oral or written, concerning the same subject matter.

39. AUTHORITY TO EXECUTE:

Each person executing this Agreement represents and warrants that he or she is duly authorized and has legal authority to execute and deliver this Agreement. Each party represents and warrants to the other that the execution and delivery of this Agreement and the performance of such party's obligations hereunder have been duly authorized.

[Signatures on Following Page]

**Exhibit "A" – Scope of Services
Agreement for Consultant Services**

Update of the Humboldt County Airports Land Use Compatibility Plan

Note: All .pdf's that are intended for public release shall be fully ADA accessible.

Section 4

Scope of Work/Task Descriptions

The scope of the ALUCP Update for Humboldt County will revolve around the following:

- Developing land use compatibility policies and maps for the four compatibility factors evaluated in ALUCPs (safety, noise, airspace protection, and overflight);
- Assisting the Humboldt County ALUC with the adoption of updated Airport Influence Areas (AIA) for the ALUCP airports consistent with Public Utility Code section 21670.1;
- Preparing a Preliminary Draft, Public Draft, and Final ALUCP for Humboldt County;
- Assisting the ALUC and AAC at a public hearing in educating the general public and obtaining and responding to comments on the Public Draft ALUCP;
- Coordinating with local, county, and state agencies including, but not limited to, the Cities of Eureka, Fortuna, and Rio Dell; the Humboldt County Planning Department and Planning Commission; and Caltrans' Division of Aeronautics;
- Assisting the Humboldt County ALUC in complying with the provisions of the CEQA through preparation of an IS/ND or Mitigated Negative Declaration (IS/MND) and related environmental analysis documents.

Key planning issues, challenges, and opportunities associated with the ALUCP update are discussed below. We welcome the opportunity to present additional details at the County's request.

Regulatory Changes – There have been several changes to the State Aeronautics Act and other

related regulations since 1993. As a result of these changes, portions of the Humboldt County ALUCP are out-of-date and/or inconsistent with guidance presented in the current version of the Handbook. As the prime consultant for the 2011 update of the Handbook, ESA offers expert knowledge of these regulatory changes and their impact on the Handbook's guidance.

Updates to General Plans and Specific Plans –

The General Plans for Humboldt County and the cities of Eureka, Fortuna, and Rio Dell have all been or are currently being updated. ESA's familiarity with these plans, particularly the Humboldt County and City of Eureka General Plans, will be of great value in updating the ALUCP.

Aviation Activity Forecasts and Noise Contours –

The master plans for all Humboldt County airports are at least ten years old or older. The aviation activity forecasts for the airports will need to be updated and new aircraft noise exposure contours developed for inclusion in the updated ALUCP.

Tailoring the Plan to Local Conditions –

The updated ALUCP must be tailored to the specific conditions at the airports and airport environs. Humboldt County includes airports located in a range of planning environments, both urban and rural. The ALUCP policies and compatibility factors and criteria can be tailored to suit these differences. General plans and specific plans, ongoing planning studies, and recent land use actions in airport

vicinity will be carefully considered during the ALUCP update.

Achieving Balance – Policies contained in ALUCPs, or promulgated in related ordinances adopted by local land use authorities, can be overly restrictive. In other situations, these policies do not provide the desired level of protection to airport facilities from encroachment. A successful ALUCP update for Humboldt County will address the needs of airport management and surrounding communities – ensuring the flexibility required for airport operations to continue unimpeded while allowing communities and the airport to accommodate short- and long-term growth. Our staff are experts in terms of balancing airport and community needs through focused land use compatibility planning.

The following sections describe our proposed scope of work to completing the Humboldt County ALUCP.

Task 1 – Project Management and Meeting Attendance

Task 1.1 Project Management and QA/QC

ESA understands that effective project management is essential to successfully completing any project. Our project management team has a proven record of working with clients to meet project deadlines and deliver technically sound documents. Project management activities will include regular communication with Humboldt County staff, preparation and maintenance of a project schedule, and identification of issues that could affect the project schedule.

ESA's Project Manager will be the first point-of-contact for Humboldt County staff. In the event that the Project Manager is unavailable, the Project Director will always be available to respond to Humboldt County's needs. The Project Director will also be responsible for implementing ESA's comprehensive QA/QC program that is designed to

ensure the delivery of proficient, accurate, and thoroughly reviewed documents.

Deliverable

- A comprehensive project schedule in PDF format.

Task 1.2 Project Meetings/Teleconferences

Regular coordination with Humboldt County staff and other stakeholders will be integral to the successful update of the ALUCP. This scope of work includes attendance by up to two (2) ESA staff at one (1) "project kickoff" meeting and participation in a minimum of three (3) project teleconferences (note that additional teleconference calls are proposed further in the scope of work). Up to two (2) ESA staff will attend a three-hour in-person meeting with Humboldt County staff to formally kickoff the ALUCP update process. If feasible, the second half of this meeting may include meeting with representatives from affected jurisdictions (i.e., planning agency representatives), such that questions, data needs, and other issues involving the affected jurisdictions can be identified early on. The following tasks will be achieved at the kickoff meeting:

- The project scope of services will be reviewed at the meeting.
- ESA will compile a data needs list describing the reports and electronic datasets that will be required in connection with the ALUCP update.
- Humboldt County staff or local planning agency staff will identify future development or other land use/zoning changes that may be occurring in the vicinity of the airports.
- The project teleconferences will be used as "progress meetings" and will likely occur before important milestones, such as the completion of the Preliminary Draft ALUCP, Public Draft ALUCP, and the public release of the Final Draft ALUCP.

Deliverables

- One (1) project kickoff meeting with Humboldt County ALUC staff and potentially representatives from local jurisdictions.
- Three (3) additional project teleconferences and sets of meeting notes.

Task 1.3 Humboldt County ALUC/Aviation Advisory Committee Briefings

Up to two (2) ESA staff will participate in up to two (2) briefings, conducted as video conferences, with the Humboldt County ALUC and/or Aviation Advisory Committee. The first briefing will be timed to coincide with the release of the Preliminary Draft ALUCP. The second briefing will be scheduled to occur following the release of the Public Draft ALUCP and prior to the public hearing described in Task 1.4.

Deliverables

- Two (2) video conference briefings with members of the Humboldt County ALUC/AAC.

Task 1.4 Public Hearing

One (1) ESA staff will attend the public hearing convened by the Humboldt County ALUC to receive comments on the Draft ALUCP. ESA will assist Humboldt County staff to prepare notifications/advertisements for the public hearing, will answer questions posed by hearing attendees, and will be prepared to make a brief presentation if directed by Humboldt County ALUC staff. ESA will assist Humboldt County ALUC staff to prepare PowerPoint presentations (if necessary) and meeting handouts. Humboldt County ALUC staff will be responsible for arranging the venue and publishing all notifications/advertisements regarding the public hearing.

Deliverables

- Participation by one (1) ESA staff in one (1) public hearing in Humboldt County.

Task 1.5 Adoption Hearing

One (1) ESA staff will attend the adoption hearing convened by the Humboldt County ALUC to consider adoption of the ALUCP. At this hearing, the Humboldt County ALUC will also consider the CEQA compliance documentation prepared for the ALUCP. ESA will be prepared to make a presentation at the adoption hearing if directed by Humboldt County ALUC staff. Humboldt County ALUC staff will be responsible for arranging the venue and publishing all notifications/advertisements regarding the public hearing.

Deliverables

- Participation by one (1) ESA staff in one (1) adoption hearing in Humboldt County.

Task 2 – Assemble Existing and Future Conditions Data

The ALUCP update will begin by acquiring up-to-date and accurate airport information and land use data. Because of ESA's work on the Humboldt County General Plan, it is likely we already have many of the data sets required for analysis. Subsequently, we may only need to request some of the data from the County and relevant jurisdictions that we do not already have. Before the project kickoff meeting, ESA will use the current ALUCP document to develop a data needs list to help establish a database of existing conditions. ESA will coordinate with the local planning agencies to obtain the latest land use and zoning data in a GIS-compatible format. ESA will also work with the AAC to obtain and review other information required for the study including, but not limited to:

- Arcata-Eureka Airport (California Redwood Coast-Humboldt County Airport) 2005 Master Plan Report, Public Review Draft, and Airport Layout Plan
- Dinsmore Airport 2007 Master Plan Report and Airport Layout Plan
- Garberville Airport 2007 Master Plan Report and Airport Layout Plan

4 | Scope of Work/Task Descriptions

- Kneeland Airport 2005 Master Plan Update and Airport Layout Plan
- Murray Field Airport 2007 Master Plan Report and Airport Layout Plan
- Rohnerville Airport 2007 Master Plan Report and Airport Layout Plan
- Latest general plans and zoning ordinances, including land use and zoning maps in GIS format
- Relevant specific plans/master plans for areas around each of the airports
- Listing of entitled/approved development in areas around each of the airports
- Humboldt County Tax Assessor's parcel database
- The most recent FAA-approved aviation activity forecast document for each of the airports

ESA's Project Manager will engage in up to two (2) conference calls of up to one (1) hour in length with staff from each airport to confirm background information such as aircraft fleet mix and existing operation counts (annual and for other time periods). These conference calls will serve two purposes: 1) to determine whether airport facilities (as depicted in the current master plans) represent the forecasted facility needs of the airport for the next 20-plus years, and 2) to assist in the creation of existing and future-year noise contours (explained in more detail under Task 3.1). To the extent that it is available, the following information will be collected prior to or during the interview with airport staff:

- Current and projected aircraft activity levels by time of day
- Existing and forecasted aircraft fleet mix
- Existing and forecasted airport capacity
- Existing and forecasted runway use and flight track information, and
- Other useful information pertinent to the preparation of the ALUCP (e.g., sectional aeronautical charts)

The data collected under Task 2 will be used to establish existing conditions for the purpose of updating the ALUCP.

Task 3 – Technical Studies/ Compatibility Factor Mapping

ESA understands that Humboldt County's primary goal is to update the ALUCP, including compatibility factor maps and related land use policies and criteria, and bring it into conformance with current standards as set forth in the 2011 Handbook. ALUCP documents have 20-year planning horizons and employ compatibility factors that reflect operating conditions at the airports over this period. The ALUCP update will begin by using the data collected under Task 2 to complete the following tasks necessary for updating the ALUCP.

Task 3.1 – Prepare Existing and Future-Year Noise Contours

Aircraft noise exposure contours prepared for the purposes of airport land use planning are typically based on forecasts provided in an airport master plan. Because all the current airport master plans are ten years old or older and because the three airports that will potentially be included in the ALUCP (i.e., Hoopa Airport, Samoa Field, and Shelter Cove Airport) do not currently have master plans, ESA assumes that new noise contours will need to be produced as part of the ALUCP update.

ESA will develop existing (2017) and future-year (2037) aircraft noise exposure contours for each airport using the FAA's Aviation Environmental Design Tool (AEDT), version 2d, and the Community Noise Equivalent Level (CNEL) metric. CNEL contours to be displayed on noise exposure contour maps developed as part of this task include the 55, 60, 65, 70, and 75 dB CNEL. The assumptions used to develop the noise contours will be documented and provided in an appendix to the ALUCP document.

Task 3.2 - Prepare Safety Zones

ESA will develop safety zones based on information collected under Task 2, including information regarding airport operational procedures and forecasted operations. Excluding California Redwood Coast–Humboldt County Airport, and Rohnerville Airport, the runways at all the airports are less than 4,000 feet in length. Typical safety zones (per the 2011 Handbook) for general aviation airports with short length runways (i.e., less than 4,000 feet) and medium length runway (i.e., runway length between 4,000 feet and 5,999 feet) include:

- Zone 1: Runway Protection Zone
- Zone 2: Inner Approach/Departure Zone
- Zone 3: Inner Turning Zone
- Zone 4: Outer Approach/Departure Zone
- Zone 5: Sideline Zone
- Zone 6: Traffic Pattern Zone

Low-activity general aviation airports (i.e., fewer than 2,000 operations annually) such as Dinsmore Airport may only include five safety zones.

The safety zones will form the foundation of the safety compatibility criteria and policies in the updated ALUCP. Beginning with “generic” safety zones provided in the 2011 Handbook, the safety zones for each airport will be tailored to reflect the unique operating conditions at each airport. For example, Safety Zone 3 for Kneeland Airport may be limited to one side of the runway to reflect the airport’s single sided traffic pattern. ESA will use information collected under Task 2 to determine the appropriate safety zones for each Airport.

Task 3.3 - Prepare 14 CFR Part 77 Airspace Surfaces

Title 14 of the Code of Federal Regulations Part 77 - Safe, Efficient Use and Preservation of the Navigable Airspace (14 CFR Part 77) establishes the federal review process for determining whether proposed development activities in the vicinity of an airport have the potential to result in a hazard to

aviation. 14 CFR Part 77 identifies criteria that govern which projects require notice to be filed with the FAA as well as the standards for determining whether a proposed project would represent an obstruction “that may affect safe and efficient use of navigable airspace and the operation of planned or existing air navigation and communication facilities.”

The imaginary surfaces defined in 14 CFR Part 77 are typically included with an Airport Layout Plan drawing set. These surfaces are used to develop airspace protection zones and associated policies in ALUCPs. It is assumed that the 14 CFR Part 77 imaginary surfaces drawings to be included in the ALUCP will be based on the Airport Layout Plans (ALPs), updated using information collected under Task 2 to better reflect the ALUCP’s 20-year planning horizon. ESA will prepare drawings that depict the primary, approach, transitional, horizontal and conical surfaces for each airport. The 14 CFR Part 77 surfaces maps will include U.S. Geological Survey topographical data to identify locations where surrounding terrain penetrates the airport’s imaginary surfaces.

ESA will also review non-precision instrument approach procedures available at any of the airports. If the obstruction clearance surface defined in FAA Order 8260.3B *Terminal Instrument Procedures* (TERPS) appear to be more restrictive at these airports than the 14 CFR Part 77 imaginary surfaces, ESA will prepare a drawing to reflect the more restrictive surfaces.

Task 3.4 – Prepare Overflight Notification Areas

The 2011 Handbook recognizes that concerns related to aircraft noise commonly do not stop at the boundary of the outermost noise contour. Accordingly, overflight has been identified as a compatibility factor for consideration in ALUCPs. Overflight notification areas attempt to delineate potential noise impact areas associated with aircraft operations outside/beyond identified noise

contours. These areas are typically identified using flight track data, information on aircraft altitudes, and noise complaint records. As part of the data collection exercise identified under Task 2, ESA will collect information on noise complaints, if any, and use it in conjunction with the noise model inputs to delineate overflight notification areas for the airports.

Task 3.5 – Identify Airport Influence Area

The establishment of an airport influence area (AIA) is a key step in the preparation of an ALUCP. The AIA is the geographic boundary within which the policies of the ALUCP apply and delineates the extent of the ALUC's jurisdiction. Updating, or confirming existing AIAs for the airports is a critical step in updating the ALUCP. It is anticipated that the AIAs will be based on the four compatibility factors that form the backbone of the ALUCP and will extend to the outer boundary of the 14 CFR Part 77 conical surfaces for each airport.

Task 4 – Prepare a Preliminary Draft ALUCP

ESA will prepare a preliminary Draft ALUCP that is consistent with the checklist provided in Table 2a in the 2011 Handbook. The preliminary Draft ALUCP will incorporate the data collected under Task 2, as well as the compatibility factors, criteria, and draft policies prepared under Task 3. The preliminary Draft ALUCP will include the following elements:

- **Scope of the Plan:** including a statement of the purpose and need for the ALUCP; identification of the airports included in the ALUCP; a description of the AIA including a map of the proposed boundary; and identification of the affected jurisdictions, including maps depicting planned land use and zoning.
- **Airport Operational Assumptions:** information collected under Tasks 2 and 3 that describes existing and future airport operations as well as copies of the current ALPs.

- **Compatibility Factor Maps, Criteria, and Policies:** Maps depicting the compatibility criteria described under Tasks 3.1 through 3.4 will be prepared. It is recommended that in lieu of composite compatibility zones that individual compatibility factor maps be prepared. In addition to the compatibility factor maps, tables identifying compatibility criteria for areas within the noise contours and safety zones will be provided. The noise compatibility criteria table will identify various land uses and the maximum acceptable exterior noise levels by noise contour CNEL band. The safety compatibility criteria table will identify various land uses and the maximum acceptable residential densities and intensities by safety zone. Specific noise, safety, airspace, and overflight policies will be detailed and included.
- **ALUC Review Policies and Procedures:** including identification of the types of plans or projects that are to be submitted to the ALUC and details on the information to be included with each submittal, the timing requirements, and discussion on ALUC authority (powers and duties; statutory and practical limitations).
- **Local government implementation:** discussion on the relationship between the ALUC and local jurisdictions and the ALUCP implementation process, as well as detailed information on updating local land use documents for consistency with the ALUCP.
- **Supporting Materials:** Supporting materials will be included as appendices including applicable laws and regulations (e.g., State Aeronautics Act, 14 CFR Part 77, etc.); sample implementation documents (e.g., real estate disclosures, aviation easements, etc.); Methods for Calculating Usage Intensities; and an Airport Overlay Zone Ordinance.

Deliverables

- One (1) copy of the preliminary draft ALUCP in both Microsoft Word and PDF format. The PDF version will incorporate the maps and other figures.

Task 5 – Sample and Draft Enabling Ordinance

ESA will research how other counties have legally enabled their ALUCPs and compile the results of this research into a memorandum that includes sample ordinances. ESA will also review Humboldt County's Airport Approach Zone Building Height Regulations (Humboldt County Code, §333-1 *et seq.*) and provide a revised copy to the County reflecting changes in the ALUCP.

Deliverables

- One (1) electronic copy of compiled sample ordinances in PDF format.
- One (1) electronic copy of updated County Code § 333-1 *et seq.* in MS Word tracked changes/redline format.

Task 6 – Administrative Draft ALUCP

Following submittal of the Preliminary Draft ALUCP, ESA will assume receipt of a consolidated set of comments from Humboldt County staff within a reasonable period of time (to be agreed upon when developing the project schedule.) ESA will prepare the Administrative Draft ALUCP after addressing and reconciling any and all comments received.

Deliverables

- One (1) electronic screen check copy of the Administrative Draft ALUCP in PDF format.
- Four (4) single-sided hard copies of the Administrative Draft ALUCP.

Task 7 – Public Draft ALUCP

Upon receipt of one consolidated set of comments from Humboldt County, ESA will incorporate suggested revisions into a Public Draft ALUCP and prepare one (1) screen check document for Humboldt County review. At this time, it may also be appropriate to hold a video or teleconference with staff from local planning agencies in order to

address any concerns or questions they may have regarding the proposed policies presented in the ALUCP. Once all comments on the screen check version of the Public Draft ALUCP have been received, ESA will prepare the Final Draft ALUCP for public distribution and review.

ESA assumes that comments from the interested parties (e.g., Airport staff, Caltrans, affected jurisdictions, etc.) will be received within a reasonable time frame. We also assume that Humboldt County will be responsible for assembling a distribution list (e.g., libraries and stakeholders) for the Public Draft ALUCP and distributing the document itself.

Deliverables

- One (1) electronic screen check copy of the Public Draft ALUCP in PDF format.
- One (1) electronic copy of the complete ALUCP in a single, fully ADA accessible PDF file.

Prepare Related Environmental Documents

The following sections outline the process that ESA will follow to prepare an IS/ND and related approval documents for the Public Draft ALUCP. This scope of work is based on the assumption that an ALUCP is a policy document that does not propose construction projects; therefore, no natural resource investigations/field studies will be required to evaluate direct environmental effects. ESA staff may perform site visits to verify existing land uses, but neither environmental sampling nor field studies will be required.

Task 8 - Initial Study

Task 8.1 - Review of Environmental Resource Categories

ESA will review all of the environmental resource categories listed in Appendix G of the CEQA

Guidelines and describe the potential effects, if any, of the updated ALUCP on those resources. We anticipate that detailed evaluations will only be required for the six resource categories listed below:

- **Hazards and Hazardous Materials.** ALUCPs are documents that are intended to avoid exposing the public to hazards related to potential aircraft accidents. ESA believes that ALUCPs have a positive effect on the human environment in this regard, and should be described as such in any CEQA document.
- **Land Use/Planning.** ESA will provide a brief discussion of existing and proposed land uses in the vicinity of the airport as described in the Public Draft ALUCP. ESA will determine whether any potential impacts or conflicts will occur with existing zoning classifications or planned land use designations as a result of the implementation of the Draft ALUCP policies.
- **Noise.** ESA will discuss the ALUCP's intent of preventing the development of noise sensitive receptors in areas exposed to high levels of aircraft noise and/or areas where the nuisance of overflight could occur. This is considered as a positive effect on the human environment.
- **Population/Housing.** ESA will provide a brief discussion of the population and housing setting within the proposed AIAs. Population, housing, and other data will be evaluated to determine whether any impacts, such as displacement of potential future development, could occur as a result of ALUCP implementation.
- **Public Services.** A brief discussion of public services (e.g., police, fire, emergency services, etc.) within the proposed AIAs will be developed. Land use plans and zoning data will be evaluated to determine whether ALUCP policies could impact the future development of public land uses and/or the provision of public services.
- **Mandatory Findings of Significance.** ESA will conduct appropriate analyses to identify whether ALUCP implementation has the potential to degrade the quality of the environment, and whether there will be

considerable cumulative impacts as a result of the implementation of ALUCP policies.

Task 8.2 - Administrative Draft Initial Study

Following completion of the final development displacement analysis technical report described below in Task 9, ESA will prepare an Administrative Draft IS for the Public Draft ALUCP. ESA will submit one (1) electronic copy and four (4) single-sided hard copies of the Administrative Draft IS to Humboldt County for review and comment. The Administrative Draft IS will include a summary memorandum as an appendix that describes the development displacement analysis.

Up to two (2) ESA staff members will participate in a two (2) hour conference call with Humboldt County ALUC staff to discuss the Initial Study findings and to identify the appropriate CEQA documentation for the Public Draft ALUCP (e.g., ND, MND, or categorical exemption (CatEx)).

Deliverables

- One (1) electronic screen check copy of the Administrative Draft Initial Study in PDF format.
- Four (4) single-sided hard copies of the Administrative Draft IS.

Task 8.3 - Public Draft CEQA Document

ESA will incorporate requested revisions into the Administrative Draft IS upon receipt of one consolidated set of comments from Humboldt County. ESA will assume receipt of a consolidated set of comments from Humboldt County staff within a reasonable period of time to be agreed upon when developing the project schedule. ESA will prepare one (1) electronic copy and five (5) hard copies of the Public Draft IS. The ESA Team will prepare one (1) electronic copy and five (5) hard copies of written responses to comments submitted by Humboldt County ALUC staff regarding the Administrative Draft IS.

Deliverables

- One (1) electronic screen check copy of the Public Draft ALUCP in PDF format.
- One (1) electronic copy of the complete ALUCP in a single, fully ADA accessible PDF file.

Task 9 - Analysis of Potentially Displaced Development

ALUCs are required to determine whether implementation of their ALUCPs will result in potential displacement of future development. The results of this analysis informs the CEQA documentation prepared for the Draft ALUCP. ESA will prepare a development displacement analysis to determine to what extent, if any, potential future development may be displaced due to implementation of the ALUCP. ESA will review applicable general plans, zoning ordinances, specific plans, other planning documents from land use agencies with jurisdiction over areas within the updated AIAs. ESA will use these documents as well as corresponding GIS-based datasets, including County tax assessor parcel data and the compatibility criteria for noise and safety as provided in the Draft ALUCP to complete a development displacement analysis.

Task 9.1 - Draft Technical Report

ESA will prepare one (1) electronic copy and five (5) hard copies of a draft technical report for the development displacement analysis. The draft technical report will quantify potential development displacement that may result from implementation of the proposed ALUCP's noise, safety, and airspace protection compatibility policies and criteria. Noise restrictions and safety-related density (e.g., dwelling units per acre) and intensity (number of people per acre) restrictions and policies recommended in the Public Draft ALUCP may have the consequence, notwithstanding existing general plan designations and zoning, of displacing future development to areas outside the AIA.

Deliverables

- One (1) electronic copy in PDF format and five (5) hard copies of the Draft Technical Report.

Task 9.2 - Final Technical Report

ESA will incorporate requested revisions into the Final Technical Report upon receipt of one consolidated set of comments from Humboldt County. ESA will submit one (1) electronic copy and five (5) hard copies of the Final Technical Report.

Deliverables

- One (1) electronic copy in PDF format and five (5) hard copies of the Final Technical Report.

Task 10 - ND/MND

Task 10.1 - Administrative Draft CEQA Document

ESA will prepare an Administrative Draft CEQA Document for the Final Draft ALUCP that meets or surpasses the requirements of CEQA Guidelines Section 15063. ESA will provide a thorough discussion of the environmental setting within Humboldt County, and a more detailed discussion of the specific land uses within the airport influence area.

ESA will submit one (1) electronic screen check version of the CEQA Document for Humboldt County review. Once Humboldt County ALUC staff have completed their review of the screen check version of the Administrative Draft CEQA Document, ESA will incorporate any requested revisions and submit one (1) electronic version of the final document.

Deliverables

- One (1) electronic screen check version of the Administrative Draft CEQA Document in PDF format.
- One (1) electronic single, fully ADA accessible file of the Final CEQA document in PDF format.

Task 10.2 - Public Draft CEQA Document

ESA will prepare a Public Draft CEQA Document for the Public Draft ALUCP and provide Humboldt County staff with one (1) electronic copy of the Public Draft CEQA document and Public Draft ALUCP to Humboldt County ALUC staff for public distribution. ESA will be responsible for delivering fifteen (15) hard copies of the Public Draft IS/ND to the State Clearinghouse along with a completed Notice of Completion (NOC).

Deliverables

- One (1) electronic copy of the draft NOC in PDF format.
- One (1) final NOC for submittal to the State Clearinghouse with fifteen (15) hardcopies of the CEQA document and Public Draft ALUCP.

Task 10.3 - Response to Comments

ESA will create a matrix of comments received from agencies and the public along with corresponding responses. ESA will prepare one (1) electronic consolidated copy of written responses to agency and public comments on the Public Draft ALUCP and CEQA document.

Deliverables

- One (1) electronic copy of the responses to comments in PDF format.

Task 10.4 - Final CEQA Document and Approval Documents

Following a 30-day public review period for the Public Draft CEQA Document, ESA will revise the body of the IS/ND to address any substantive comments received or make necessary corrections. This task assumes that no new analysis will be required to prepare the final CEQA Document. ESA will submit one (1) electronic copy of the final draft CEQA Document to Humboldt County ALUC staff for review and comment. Comments received from Humboldt County ALUC staff shall be incorporated into the final CEQA Document, which will then be prepped for final distribution to the Humboldt County ALUC for approval and adoption, along with the Final Draft ALUCP. The ESA Team will submit nine (9) hard copies of the Final CEQA document, nine (9) hard copies of the Final ALUCP, and one (1) electronic ADA compliant PDF copy of each document.

Deliverables

- Nine (9) hard copies of the Final CEQA document and One (1) electronic ADA compliant PDF copy of the Final CEQA Document.
- Nine (9) hard copies of the Final ALUCP and one (1) electronic ADA compliant PDF copy of the Final ALUCP.

Task 10.5 - Final Electronic Files

ESA will provide Humboldt County with a full set of the compatibility factors and AIAs in GIS compatible format. ESA will also provide Humboldt County with an updated GIS shapefile for the Airport Zone Building Regulations (County Code Section 333) mapping to reflect proposed changes to County Code, § 333 *et seq.*

Deliverables

- GIS shapefiles and/or KML files for the final compatibility factors, AIAs, and Airport Zone Building Regulations mapping via electronic file delivery, CD Rom, and/or USB flash drive.

**Exhibit "B" – Project Schedule
Agreement for Consultant Services**

Update of the Humboldt County Airports Land Use Compatibility Plan

Note: All .pdf's that are intended for public release shall be fully ADA accessible.

Section 5

Project Schedule

ESA understands that Humboldt County would like to complete the project by May 2020, beginning in May 2018 with adoption hearings in March 2020. An itemized description of the project schedule is shown below in **Table 5-1** and illustrated on **Figure 5-1**.

TABLE 5-1: ITEMIZED PROJECT SCHEDULE AND DELIVERABLES

Task	Schedule	Deliverables
Task 1 – Project Management and Meeting Attendance	Beginning May 2018 and proceeding throughout the life of the project	<p>A comprehensive project schedule in PDF format.</p> <p>One (1) project kickoff meeting with Humboldt County ALUC staff and potentially representatives from local jurisdictions.</p> <p>Three (3) additional project meetings and sets of meeting notes.</p> <p>Two (2) video conference briefings with members of the Humboldt County ALUC/Aviation Advisory Committee (AAC).</p> <p>Participation by one (1) ESA staff in one (1) public hearing in Humboldt County.</p> <p>Participation by one (1) ESA staff in one (1) adoption hearing in Humboldt County.</p>
Task 2 – Assemble Existing and Future Conditions Data	May - September 2018	
Task 3 – Technical Studies/ Compatibility Factor Mapping	June 2018 – October 2018	
Task 4 – Prepare a Preliminary Draft ALUCP	June - October 2018	<p>One (1) copy of the preliminary draft ALUCP in both Microsoft Word and PDF format. The PDF version will incorporate the maps and other figures.</p>

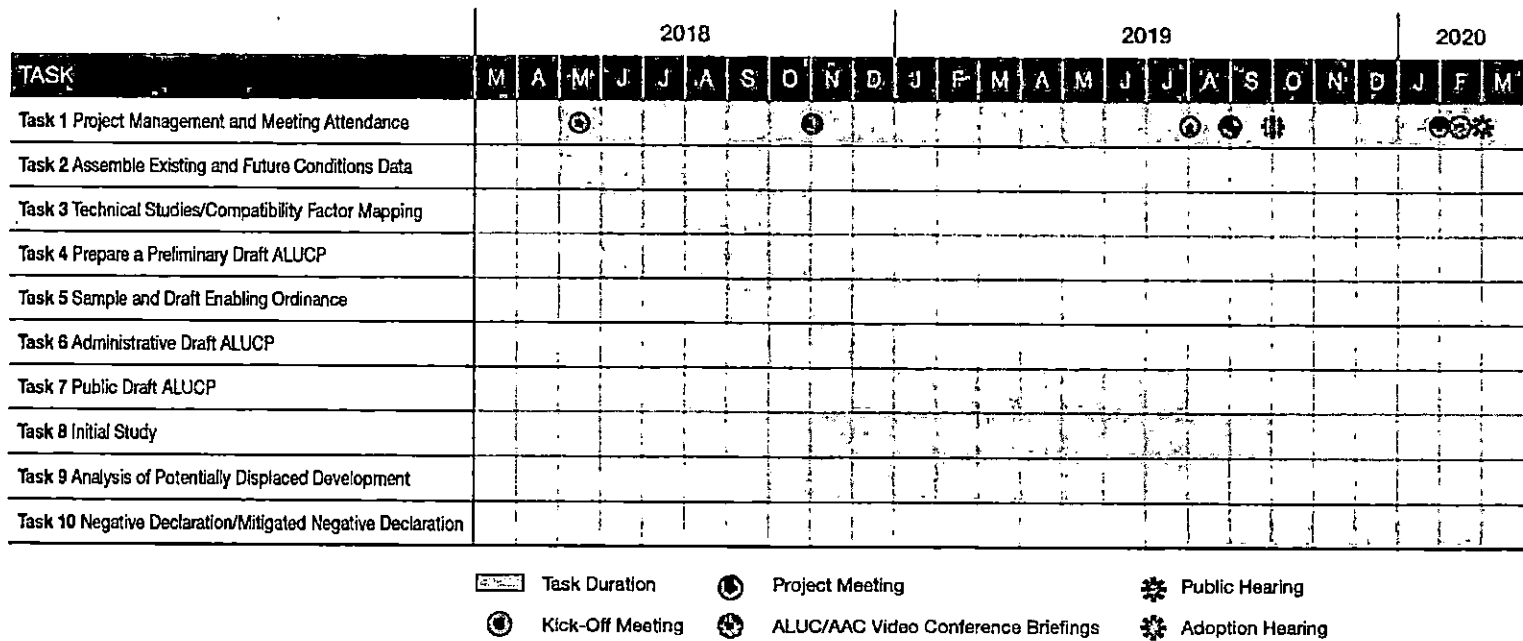
TABLE 5-1: ITEMIZED PROJECT SCHEDULE AND DELIVERABLES

Task	Schedule	Deliverables
Task 5 – Sample and Draft Enabling Ordinance	September - November 2018	One (1) electronic copy of compiled sample ordinances in PDF format. One (1) electronic copy of updated County Code § 333-1 <i>et seq.</i> in MS Word tracked changes/redline format.
Task 6 – Administrative Draft ALUCP	October - December 2018	One (1) electronic screen check copy of the Administrative Draft ALUCP in PDF format. Four (4) single-sided hard copies of the Administrative Draft ALUCP.
Task 7 – Public Draft ALUCP	January 2018 - July 2019	One (1) electronic screen check copy of the Public Draft ALUCP in PDF format. One (1) electronic copy of the complete ALUCP in a single, fully Americans with Disabilities Act (ADA) accessible PDF file.
Task 8 - Initial Study	Completion of the Administrative Draft Initial Study – December 2018 - September 2019	One (1) electronic screen check copy of the Administrative Draft Initial Study in PDF format. Four (4) single-sided hard copies of the Administrative Draft IS. One (1) electronic screen check copy of the Public Draft ALUCP in PDF format. One (1) electronic copy of the complete ALUCP in a single, fully ADA accessible PDF file.
Task 9 Analysis of Potentially Displaced Development	Completion of the Draft Technical Report – October - December 2018 Completion of the Final Technical Report – December 2018 - August 2019	One (1) electronic copy and five (5) hard copies of the Draft Technical Report in PDF format. One (1) electronic copy and five (5) hard copies of the Final Technical Report in PDF format.
Task 10 Negative Declaration/ Mitigated Negative Declaration	Completion of responses to comments – August 2019 - December 2019 Completion of the Final Draft ALUCP, CEQA Document, and draft Notice of Completion – December 2019 - January 2020 Completion and presentation of Final ALUCP and CEQA Document – January 2020 - March 2020 Submittal of electronic project files (e.g., GIS shapefiles) – March 2020 – April 2020	One (1) electronic screen check version of the Final Draft CEQA Document in PDF format. One (1) electronic single, fully ADA accessible PDF file of the Final CEQA document in PDF format. One (1) draft NOC in PDF format. One (1) final NOC for submittal to the State Clearinghouse with fifteen (15) hardcopies of the CEQA document and Public Draft ALUCP. One (1) electronic copy of the responses to comments in PDF format

TABLE 5-1: ITEMIZED PROJECT SCHEDULE AND DELIVERABLES

Task	Schedule	Deliverables
		Nine (9) hard copies of the Final CEQA document and One (1) electronic ADA compliant PDF copy of the Final CEQA Document.
		Nine (9) hard copies of the Final ALUCP and one (1) electronic ADA compliant PDF copy of the Final ALUCP.
		GIS shapefiles and/or KML files for the final compatibility factors, AIAs, and Airport Zone Building Regulations mapping via electronic file delivery, CD Rom, and/or USB flash drive.

ESA Figure 5-1 PROJECT SCHEDULE
Humboldt County Humboldt County Airports Land Use Compatibility Plan Update



**Exhibit "C" – Project Budget
Agreement for Consultant Services**

Update of the Humboldt County Airports Land Use Compatibility Plan

The Project Budget consists of the following four (4) parts:

Part A: Base Agreement

Part B: Additive Option 1: Hoopa Airport (Hoopa Tribe)

Part C: Additive Option 2: Samoa Field (City of Eureka)

Part D: Additive Option 3: Shelter Cove Airport (Resort Improvement District)

**Exhibit "C" – Project Budget
Agreement for Consultant Services**

Update of the Humboldt County Airports Land Use Compatibility Plan

Part A: Base Agreement

Cost Proposal - Humboldt County ALUCP Update (Base proposal for California Redwood Coast- Humboldt County Airport, Dinsmore Airport, Garberville Airport, Kneeland Airport, Murray Field, and Rohnerville Airport)
ESA Labor Detail and Expense Summary

Employee Names															
Labor Category		Steve Alverson	Harriet Ross	Chris Jones	Steve Smith	Sean Burlingame	Brad Allen	Evan Wasserman	Kristine Olson						
		Senior Director III	Director III	Managing Associate II	Managing Associate II	Senior Associate II	Senior Associate III	Associate II	Subtotal	Project Technician III	Project Technician II	Project Technician I	Subtotal	Total Hours	Labor Price
Task #	Task Name/Description	\$ 285	\$ 240	\$ 205	\$ 190	\$ 160	\$ 170	\$ 125		\$ 115	\$ 100	\$ 80			
	Task 1 – Project Management and Meeting Attendance														
	Task 1.1 – Project Management and QA/QC	7.50	0.00	48.00	0.00	0.00	0.00	0.00	\$ 11,977.50	0.00	0.00	0.00	\$ -	\$ 55.50	\$ 11,977.50
	Task 1.2 – Project Meetings/Videoconferences (1 kickoff meeting, 3 video conferences)	9.00	0.00	21.00	0.00	0.00	0.00	0.00	\$ 6,870.00	0.00	0.00	0.00	\$ -	\$ 30.00	\$ 6,870.00
	Task 1.3 – Humboldt County Airport Land Use Commission/Aviation Advisory Committee Briefings (2 video conferences)	6.00	0.00	12.00	0.00	0.00	0.00	0.00	\$ 4,170.00	0.00	0.00	0.00	\$ -	\$ 18.00	\$ 4,170.00
	Task 1.4 – Public Hearing (1 hearing)	0.00	0.00	12.00	0.00	0.00	0.00	0.00	\$ 2,460.00	0.00	0.00	0.00	\$ -	\$ 12.00	\$ 2,460.00
	Task 1.5 – Adoption Hearing (1 hearing)	0.00	0.00	6.00	0.00	0.00	0.00	0.00	\$ 1,230.00	0.00	0.00	0.00	\$ -	\$ 6.00	\$ 1,230.00
	Task 2 – Assemble Existing and Future Conditions Data	0.00	13.50	12.00	0.00	0.00	9.00	54.00	\$ 13,980.00	0.00	0.00	0.00	\$ -	\$ 88.50	\$ 13,980.00
	Task 3 – Technical Studies/Compatibility Factor Mapping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	\$ -	\$ -	\$ -
	Task 3.1 – Prepare Existing and Future-Year Noise Contours	0.00	0.00	6.00	0.00	48.00	0.00	0.00	\$ 8,910.00	0.00	0.00	0.00	\$ -	\$ 54.00	\$ 8,910.00
	Task 3.2 – Prepare Safety Zones	0.00	0.00	6.00	0.00	0.00	62.50	0.00	\$ 10,155.00	0.00	0.00	0.00	\$ -	\$ 58.50	\$ 10,155.00
	Task 3.3 – Prepare 14 CFR Part 77 Airspace Surfaces	0.00	0.00	6.00	0.00	0.00	30.00	0.00	\$ 6,330.00	0.00	0.00	0.00	\$ -	\$ 36.00	\$ 6,330.00
	Task 3.4 – Prepare Overflight Notification Areas	0.00	0.00	6.00	0.00	0.00	30.00	0.00	\$ 6,330.00	0.00	0.00	0.00	\$ -	\$ 36.00	\$ 6,330.00
	Task 3.5 – Identify Airport Influence Area	0.00	0.00	6.00	0.00	0.00	30.00	0.00	\$ 6,330.00	0.00	0.00	0.00	\$ -	\$ 36.00	\$ 6,330.00
	Task 4 – Prepare a Preliminary Draft ALUCP	3.00	39.00	12.00	0.00	0.00	0.00	60.00	\$ 19,015.00	0.00	9.00	0.00	\$ 900.00	\$ 114.00	\$ 19,915.00
	Task 5 – Sample and Draft Enabling Ordinances	0.00	0.00	12.00	0.00	0.00	0.00	12.00	\$ 3,960.00	0.00	0.00	0.00	\$ -	\$ 24.00	\$ 3,960.00
	Task 6 – Administrative Draft ALUCP	3.00	18.00	10.50	0.00	0.00	0.00	36.00	\$ 11,627.50	0.00	9.00	0.00	\$ 900.00	\$ 76.50	\$ 12,727.50
	Task 7 – Public Draft ALUCP	0.00	0.00	6.00	0.00	0.00	0.00	0.00	\$ 1,230.00	0.00	9.00	0.00	\$ 900.00	\$ 15.00	\$ 2,130.00
	Task 8 – Initial Study	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	\$ -	\$ -	\$ -
	Task 8.1 – Review of Environmental Resource Categories	0.00	0.00	6.00	0.00	0.00	0.00	0.00	\$ 1,230.00	0.00	0.00	0.00	\$ -	\$ 6.00	\$ 1,230.00
	Task 8.2 – Administrative Draft Initial Study	3.00	0.00	6.00	0.00	0.00	0.00	0.00	\$ 2,085.00	0.00	0.00	0.00	\$ -	\$ 9.00	\$ 2,085.00
	Task 8.3 – Public Draft CEQA Document	3.00	0.00	6.00	0.00	0.00	0.00	0.00	\$ 2,085.00	0.00	0.00	0.00	\$ -	\$ 9.00	\$ 2,085.00
	Task 9 – Analysis of Potentially Displaced Development	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	\$ -	\$ -	\$ -
	Task 9.1 – Draft Technical Report	3.00	0.00	6.00	30.00	12.00	0.00	0.00	\$ 9,705.00	0.00	4.50	0.00	\$ 450.00	\$ 65.50	\$ 10,155.00
	Task 9.2 – Final Technical Report	3.00	0.00	6.00	12.00	3.00	0.00	0.00	\$ 4,845.00	0.00	4.50	0.00	\$ 450.00	\$ 28.50	\$ 5,295.00
	Task 10 – Negative Declaration/Mitigated Negative Declaration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	\$ -	\$ -	\$ -
	Task 10.1 – Administrative Draft CEQA Document	6.00	0.00	8.00	45.00	0.00	0.00	0.00	\$ 12,105.00	0.00	6.00	0.00	\$ 600.00	\$ 66.00	\$ 12,705.00
	Task 10.2 – Public Draft CEQA Document	3.00	0.00	6.00	21.00	0.00	0.00	0.00	\$ 6,075.00	0.00	4.50	0.00	\$ 450.00	\$ 34.50	\$ 6,525.00
	Task 10.3 – Response to Comments	3.00	8.00	6.00	0.00	18.00	13.50	24.00	\$ 11,700.00	0.00	4.50	0.00	\$ 450.00	\$ 75.00	\$ 12,150.00
	Task 10.4 – Final CEQA Document and Approval Documents	0.00	0.00	6.00	15.00	0.00	0.00	0.00	\$ 4,080.00	0.00	3.00	0.00	\$ 300.00	\$ 24.00	\$ 4,380.00
	Task 10.5 – Final Electronic Files	0.00	0.00	1.60	1.60	3.00	9.00	0.00	\$ 2,092.50	0.00	0.00	0.00	\$ -	\$ 12.00	\$ 2,092.50
									\$ -				\$ -	\$ -	\$ -
	Total Hours	52.50	67.50	240.00	124.50	84.00	171.00	186.00	\$ 925.50	-	84.00	-	\$ 54.00	979.50	
	Total Labor Costs	\$ 14,962.50	\$ 16,200.00	\$ 49,200.00	\$ 23,655.00	\$ 13,440.00	\$ 29,070.00	\$ 23,250.00	\$ 169,777.50	\$ -	\$ 5,400.00	\$ -	\$ 5,400.00	\$ 175,177.50	
	Percent of Effort – Labor Hours Only	5.4%	6.9%	24.6%	12.7%	8.6%	17.5%	18.0%	94.9%	0.0%	5.5%	0.0%	5.5%	100.0%	
	Percent of Effort – Total Project Cost	8.0%	8.6%	26.2%	12.6%	7.2%	15.5%	12.4%		0.0%	2.9%	0.0%			93.4%

ESA Labor Cost		\$ 175,177.50
Labor Cost Communication Fee	3%	\$ 5,255.33
ESA Non-Labor Expenses		
Reimbursable Expenses (see Attachment A for detail)		\$ 7,087.50
ESA Equipment Usage (see Attachment A for detail)		\$ -
Subtotal ESA Non-Labor Expenses		\$ 7,087.50

PROJECT TOTAL

\$ 187,520.33

Attachment A
Cost Proposal: ESA Non-Labor Expenses Summary

Reimbursable Expenses	
Project Supplies	\$ -
Printing/Reproduction	\$ 2,625.00
Document and Map Reproductions (CD + Digital Photo)	\$ 1,875.00
Postage and Deliveries	\$ 375.00
Mileage	\$ -
Vehicle Rental	\$ 112.50
Lodging	\$ 600.00
Airfare	\$ 1,500.00
Other Travel Related	\$ -
-	\$ -
-	\$ -
-	\$ -
Subtotal Reimbursable Expenses	\$ 7,087.50
	\$ -
Total Reimbursable Expenses	\$ 7,087.50

ESA Equipment Usage	
General Equipment:	
Company Vehicle Usage	\$ -
HP Plotter	\$ -
Computer Time (GIS)	\$ -
Trimble GPS	\$ -
Tablet GPS	\$ -
Laser Level	\$ -
Garmin GPS or equivalent	\$ -
Laptop Computers	\$ -
LCD Projector	\$ -
Noise Meter	\$ -
Electrofischer	\$ -
Sample Pump	\$ -
Surveying Kit	\$ -
Total Station Set	\$ -
Field Traps	\$ -
Digital Planimeter	\$ -
Cameras/Video/Cell Phone	\$ -
Miscellaneous Small Equipment	\$ -
Stilling Well/Coring Pipe (3 inch aluminum)	\$ -
Hydrologic Data Collection, Water Current, Level and Wave Measurement Equipment:	
Culvert Flow Meter	\$ -
Logging Rain Gage	\$ -
Marsh-McBirney Hand-Held Current Meter	\$ -
Logging Water Level Logging-Stainless Steel Pressure Transducer	\$ -
Logging Water Level -Titanium Pressure Transducer	\$ -
Logging Barometric Pressure Logger	\$ -
Well Probe	\$ -
Bottom-Mounted Tripod / Mooring	\$ -
Water Quality Equipment:	
Logging Turbidimeter/Water Level Recorder	\$ -
Logging Temperature Probe	\$ -
Hach Hand-Held Turbidimeter Recording Conductivity Meter w/Datalogger	\$ -
Refractometer	\$ -
YSI Hand-Held Salinity Meter	\$ -
Hand-Held Conductivity/Dissolved Oxygen Probe	\$ -
Sedimentation / Geotechnical Equipment:	
Peat Corer	\$ -
60lb Helly-Smith Bedload Sampler with Bridge Crane	\$ -
Suspended Sediment Sampler with Bridge Crane	\$ -
Vibra-core	\$ -
Shear Strength Vane	\$ -
Auger (brass core @ \$ 5/each	\$ -
Boats:	
14 foot Aluminum Boas with 15 HP Outboard Motor	\$ -
Single or Double Person Canoe	\$ -
17' Boston Whaler w/ 80 HP Outboard	\$ -
Total Equipment Usage Costs	\$ -

**Exhibit "C" – Project Budget
Agreement for Consultant Services**

Update of the Humboldt County Airports Land Use Compatibility Plan

Part B: Additive Option 1: Hoopa Airport (Hoopa Tribe)

**Cost Proposal - Hoopa Airport
ESA Labor Detail and Expense Summary**

Employee Names															
Labor Category		Steve Alverson	Harriet Ross	Chris Jones	Steve Smith	Sean Buringame	Brad Allen	Evan Wasserman					Kristina Olson		
		Senior Director III	Director II	Managing Associate III	Managing Associate II	Senior Associate II	Senior Associate I	Associate I	Subtotal	Project Technician II	Project Technician I	Project Technician I	Subtotal	Total Hours	Labor Price
Task #	Task Name/Description	\$ 285	\$ 240	\$ 205	\$ 190	\$ 160	\$ 178	\$ 125		\$ 115	\$ 100	\$ 80			
	Task 1 - Project Management and Meeting Attendance														
	Task 1.1 - Project Management and QA/QC	0.83	0.00	5.33	0.00	0.00	0.00	0.00	\$ 1,320.83	0.00	0.00	0.00	0.00	6.17	\$ 1,320.83
	Task 1.2 - Project Meetings/Videoconferences (1 kickoff meeting, 3 video conferences)	1.00	0.00	2.33	0.00	0.00	0.00	0.00	\$ 763.33	0.00	0.00	0.00	0.00	3.33	\$ 763.33
	Task 1.3 - Humboldt County Airport Land Use Commission/Aviation Advisory Committee Briefings (2 video conferences)	0.67	0.00	1.33	0.00	0.00	0.00	0.00	\$ 463.33	0.00	0.00	0.00	0.00	2.00	\$ 463.33
	Task 1.4 - Public Hearing (1 hearing)	0.00	0.00	1.33	0.00	0.00	0.00	0.00	\$ 273.33	0.00	0.00	0.00	0.00	1.33	\$ 273.33
	Task 1.5 - Adoption Hearing (1 hearing)	0.00	0.00	0.67	0.00	0.00	0.00	0.00	\$ 136.67	0.00	0.00	0.00	0.00	0.67	\$ 136.67
	Task 2 - Assemble Existing and Future Conditions Data	0.00	1.50	1.33	0.00	0.00	1.00	6.00	\$ 1,553.33	0.00	0.00	0.00	0.00	9.83	\$ 1,553.33
	Task 3 - Technical Studies/Compatibility Factor Mapping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	0.00	0.00	\$ -
	Task 3.1 - Prepare Existing and Future-Year Noise Contours	0.00	0.00	0.67	0.00	5.33	0.00	0.00	\$ 990.00	0.00	0.00	0.00	0.00	6.00	\$ 990.00
	Task 3.2 - Prepare Safety Zones	0.00	0.00	0.67	0.00	0.00	5.83	0.00	\$ 1,128.33	0.00	0.00	0.00	0.00	6.50	\$ 1,128.33
	Task 3.3 - Prepare 14 CFR Part 77 Airspace Surfaces	0.00	0.00	0.67	0.00	0.00	3.33	0.00	\$ 703.33	0.00	0.00	0.00	0.00	4.00	\$ 703.33
	Task 3.4 - Prepare Overflight Notification Areas	0.00	0.00	0.67	0.00	0.00	3.33	0.00	\$ 703.33	0.00	0.00	0.00	0.00	4.00	\$ 703.33
	Task 3.5 - Identify Airport Influence Area	0.00	0.00	0.67	0.00	0.00	3.33	0.00	\$ 703.33	0.00	0.00	0.00	0.00	4.00	\$ 703.33
	Task 4 - Prepare a Preliminary Draft ALUCP	0.33	3.33	1.33	0.00	0.00	0.00	6.67	\$ 2,001.67	0.00	1.00	0.00	100.00	12.67	\$ 2,101.67
	Task 5 - Sample and Draft Enabling Ordinance	0.00	0.00	1.33	0.00	0.00	0.00	1.33	\$ 440.00	0.00	0.00	0.00	0.00	2.67	\$ 440.00
	Task 6 - Administrative Draft ALUCP	0.33	2.00	1.17	0.00	0.00	0.00	4.00	\$ 1,314.17	0.00	1.00	0.00	100.00	8.50	\$ 1,414.17
	Task 7 - Public Draft ALUCP	0.00	0.00	0.67	0.00	0.00	0.00	0.00	\$ 136.67	0.00	1.00	0.00	100.00	1.67	\$ 236.67
	Task 8 - Initial Study	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	0.00	0.00	\$ -
	Task 8.1 - Review of Environmental Resource Categories	0.00	0.00	0.67	0.00	0.00	0.00	0.00	\$ 136.67	0.00	0.00	0.00	0.00	0.67	\$ 136.67
	Task 8.2 - Administrative Draft Initial Study	0.33	0.00	0.67	0.00	0.00	0.00	0.00	\$ 231.67	0.00	0.00	0.00	0.00	1.00	\$ 231.67
	Task 8.3 - Public Draft CEQA Document	0.33	0.00	0.67	0.00	0.00	0.00	0.00	\$ 231.67	0.00	0.00	0.00	0.00	1.00	\$ 231.67
	Task 9 - Analysis of Potentially Displaced Development	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	0.00	0.00	\$ -
	Task 9.1 - Draft Technical Report	0.33	0.00	0.67	3.33	1.33	0.00	0.00	\$ 1,078.33	0.00	0.50	0.00	50.00	6.17	\$ 1,128.33
	Task 9.2 - Final Technical Report	0.33	0.00	0.67	1.33	0.33	0.00	0.00	\$ 538.33	0.00	0.50	0.00	50.00	3.17	\$ 588.33
	Task 10 - Negative Declaration/Mitigated Negative Declaration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	0.00	0.00	\$ -
	Task 10.1 - Administrative Draft CEQA Document	0.67	0.00	1.00	5.00	0.00	0.00	0.00	\$ 1,345.00	0.00	0.67	0.00	66.67	7.33	\$ 1,411.67
	Task 10.2 - Public Draft CEQA Document	0.33	0.00	0.67	2.33	0.00	0.00	0.00	\$ 675.00	0.00	0.50	0.00	50.00	3.83	\$ 725.00
	Task 10.3 - Response to Comments	0.33	0.67	0.67	0.00	2.00	1.50	2.67	\$ 1,300.00	0.00	0.50	0.00	50.00	8.33	\$ 1,350.00
	Task 10.4 - Final CEQA Document and Approval Documents	0.00	0.00	0.67	1.67	0.00	0.00	0.00	\$ 453.33	0.00	0.33	0.00	33.33	2.67	\$ 486.67
	Task 10.5 - Final Electronic Files	0.00	0.00	0.17	0.17	0.33	0.67	0.00	\$ 232.50	0.00	0.00	0.00	0.00	1.33	\$ 232.50
	Total Hours	6.83	7.50	26.67	13.83	8.33	10.00	20.67	102.83	0.00	6.00	0.00	6.00	158.83	
	Total Labor Costs	\$ 1,662.50	\$ 1,800.00	\$ 5,466.67	\$ 2,628.33	\$ 1,493.33	\$ 3,230.00	\$ 2,583.33	\$ 18,554.17	\$ -	\$ 600.00	\$ -	\$ 600.00		\$ 19,464.17
	Percent of Effort - Labor Hours Only	5.4%	6.6%	24.5%	12.7%	8.6%	17.5%	19.0%	94.5%	0.0%	6.5%	0.0%	5.5%	100.0%	
	Percent of Effort - Total Project Cost	8.0%	8.6%	26.2%	12.6%	7.2%	15.5%	12.4%		0.0%	2.9%	0.0%			93.4%

ESA Labor Cost		\$ 19,464.17
Labor Cost Communication Fee	3%	\$ 583.93
ESA Non-Labor Expenses		
Reimbursable Expenses	(see Attachment A for detail)	\$ 767.50
ESA Equipment Usage	(see Attachment A for detail)	\$ -
Subtotal ESA Non-Labor Expenses		\$ 767.50

PROJECT TOTAL

\$ 20,835.59

Attachment A
Cost Proposal: ESA Non-Labor Expenses Summary

Reimbursable Expenses	
Project Supplies	\$ -
Printing/Reproduction	\$ 291.67
Document and Map Reproductions (CD + Digital Photo)	\$ 208.33
Postage and Deliveries	\$ 41.67
Mileage	\$ -
Vehicle Rental	\$ 12.50
Lodging	\$ 66.67
Airfare	\$ 166.67
Other Travel Related	\$ -
-	\$ -
-	\$ -
-	\$ -
Subtotal Reimbursable Expenses	\$ 787.50
	\$ -
Total Reimbursable Expenses	\$ 787.50

ESA Equipment Usage

General Equipment:	
Company Vehicle Usage	\$ -
HP Plotter	\$ -
Computer Time (GIS)	\$ -
Trimble GPS	\$ -
Tablet GPS	\$ -
Laser level	\$ -
Garmin GPS or equivalent	\$ -
Laptop Computers	\$ -
LCD Projector	\$ -
Noise Meter	\$ -
Electrofisher	\$ -
Sample Pump	\$ -
Surveying Kit	\$ -
Total Station Set	\$ -
Field Traps	\$ -
Digital Planimeter	\$ -
Cameras/Video/Cell Phone	\$ -
Miscellaneous Small Equipment	\$ -
Stilling Well/Coring Pipe (3 inch aluminum)	\$ -
Hydrologic Data Collection, Water Current, Level and Wave Measurement Equipment:	
Culvert Flow Meter	\$ -
Logging Rain Gage	\$ -
Marsh-McBlimey Hand-Held Current Meter	\$ -
Logging Water Level Logging-Stainless Steel Pressure Transducer	\$ -
Logging Water Level -Titanium Pressure Transducer	\$ -
Logging Barometric Pressure Logger	\$ -
Well Probe	\$ -
Bottom-Mounted Tripod / Mooring	\$ -
Water Quality Equipment:	
Logging Turbidimeter/Water Level Recorder	\$ -
Logging Temperature Probe	\$ -
Hach Hand-Held Turbidimeter Recording Conductivity Meter w/Datalogger	\$ -
Refractometer	\$ -
YSI Hand-Held Salinity Meter	\$ -
Hand-Held Conductivity/Dissolved Oxygen Probe	\$ -
Sedimentation / Geotechnical Equipment:	
Peat Corer	\$ -
60lb Helly-Smith Bedload Sampler with Bridge Crane	\$ -
Suspended Sediment Sampler with Bridge Crane	\$ -
Vibra-core	\$ -
Shear Strength Vane	\$ -
Auger (brass core @ \$ 5/each)	\$ -
Boats:	
14 foot Aluminum Boas with 15 HP Outboard Motor	\$ -
Single or Double Person Canoe	\$ -
17' Boston Whaler w/ 90 HP Outboard	\$ -
Total Equipment Usage Costs	\$ -

**Exhibit "C" – Project Budget
Agreement for Consultant Services**

Update of the Humboldt County Airports Land Use Compatibility Plan

Part C: Additive Option 2: Samoa Field (City of Eureka)

**Cost Proposal - Samoa Field Airport
ESA Labor Detail and Expense Summary**

		Employee Names													
		Labor Category													
Task #	Task Name/Description	Senior Director II	Director II	Managing Associate II	Managing Associate II	Senior Associate II	Senior Associate II	Associate II	Subtotal	Project Technician II	Project Technician II	Project Technician II	Subtotal	Total Hours	Labor Price
	Task 1 - Project Management and Meeting Attendance	\$ 285	\$ 240	\$ 205	\$ 190	\$ 160	\$ 170	\$ 125	\$ 115	\$ 100	\$ 80				
	Task 1.1 - Project Management and QA/QC	0.63	0.00	5.33	0.00	0.00	0.00	0.00	\$ 1,370.63	0.00	0.00	0.00	0.00	6.17	\$ 1,330.63
	Task 1.2 - Project Meetings/Videoconferences (1 kickoff meeting, 3 video conferences)	1.00	0.00	2.33	0.00	0.00	0.00	0.00	\$ 763.33	0.00	0.00	0.00	0.00	3.33	\$ 763.33
	Task 1.3 - Humboldt County Airport Land Use Commission/Aviation Advisory Committee Briefings (2 video conferences)	0.67	0.00	1.33	0.00	0.00	0.00	0.00	\$ 463.33	0.00	0.00	0.00	0.00	2.00	\$ 463.33
	Task 1.4 - Public Hearing (1 hearing)	0.00	0.00	1.33	0.00	0.00	0.00	0.00	\$ 273.33	0.00	0.00	0.00	0.00	1.33	\$ 273.33
	Task 1.5 - Adoption Hearing (1 hearing)	0.00	0.00	0.67	0.00	0.00	0.00	0.00	\$ 136.67	0.00	0.00	0.00	0.00	0.67	\$ 136.67
	Task 2 - Assemble Existing and Future Conditions Data	0.00	1.50	1.33	0.00	0.00	1.00	6.00	\$ 1,553.33	0.00	0.00	0.00	0.00	8.83	\$ 1,553.33
	Task 3 - Technical Studies/Compatibility Factor Mapping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	0.00	0.00	\$ -
	Task 3.1 - Prepare Existing and Future-Year Noise Contours	0.00	0.00	0.67	0.00	5.33	0.00	0.00	\$ 990.00	0.00	0.00	0.00	0.00	6.00	\$ 990.00
	Task 3.2 - Prepare Safety Zones	0.00	0.00	0.67	0.00	0.00	5.63	0.00	\$ 1,128.33	0.00	0.00	0.00	0.00	6.50	\$ 1,128.33
	Task 3.3 - Prepare 14 CFR Part 77 Airspace Surfaces	0.00	0.00	0.67	0.00	0.00	3.33	0.00	\$ 703.33	0.00	0.00	0.00	0.00	4.00	\$ 703.33
	Task 3.4 - Prepare Overflight Notification Areas	0.00	0.00	0.67	0.00	0.00	3.33	0.00	\$ 703.33	0.00	0.00	0.00	0.00	4.00	\$ 703.33
	Task 3.5 - Identify Airport Influence Area	0.00	0.00	0.67	0.00	0.00	3.33	0.00	\$ 703.33	0.00	0.00	0.00	0.00	4.00	\$ 703.33
	Task 4 - Prepare a Preliminary Draft ALUCP	0.33	3.33	1.33	0.00	0.00	0.00	6.67	\$ 2,091.67	0.00	1.00	0.00	100.00	12.67	\$ 2,101.67
	Task 5 - Sample and Draft Enabling Ordinance	0.00	0.00	1.33	0.00	0.00	0.00	1.33	\$ 440.00	0.00	0.00	0.00	0.00	2.67	\$ 440.00
	Task 6 - Administrative Draft ALUCP	0.33	2.00	1.17	0.00	0.00	0.00	4.00	\$ 1,314.17	0.00	1.00	0.00	100.00	6.50	\$ 1,414.17
	Task 7 - Public Draft ALUCP	0.00	0.00	0.67	0.00	0.00	0.00	0.00	\$ 136.67	0.00	1.00	0.00	100.00	1.67	\$ 236.67
	Task 8 - Initial Study	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	0.00	0.00	\$ -
	Task 8.1 - Review of Environmental Resource Categories	0.00	0.00	0.67	0.00	0.00	0.00	0.00	\$ 136.67	0.00	0.00	0.00	0.00	0.67	\$ 136.67
	Task 8.2 - Administrative Draft Initial Study	0.33	0.00	0.67	0.00	0.00	0.00	0.00	\$ 231.67	0.00	0.00	0.00	0.00	1.00	\$ 231.67
	Task 8.3 - Public Draft CEQA Document	0.33	0.00	0.67	0.00	0.00	0.00	0.00	\$ 231.67	0.00	0.00	0.00	0.00	1.00	\$ 231.67
	Task 9 - Analysis of Potentially Displaced Development	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	0.00	0.00	\$ -
	Task 9.1 - Draft Technical Report	0.33	0.00	0.67	3.33	1.33	0.00	0.00	\$ 1,078.33	0.00	0.50	0.00	50.00	6.17	\$ 1,128.33
	Task 9.2 - Final Technical Report	0.33	0.00	0.67	1.33	0.33	0.00	0.00	\$ 538.33	0.00	0.50	0.00	50.00	3.17	\$ 568.33
	Task 10 - Negative Declaration/Mitigated Negative Declaration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	0.00	0.00	\$ -
	Task 10.1 - Administrative Draft CEQA Document	0.67	0.00	1.00	5.00	0.00	0.00	0.00	\$ 1,345.00	0.00	0.67	0.00	66.67	7.33	\$ 1,411.67
	Task 10.2 - Public Draft CEQA Document	0.33	0.00	0.67	2.33	0.00	0.00	0.00	\$ 675.00	0.00	0.50	0.00	50.00	3.83	\$ 725.00
	Task 10.3 - Response to Comments	0.33	0.67	0.67	0.00	2.00	1.50	2.67	\$ 1,300.00	0.00	0.50	0.00	50.00	8.33	\$ 1,350.00
	Task 10.4 - Final CEQA Document and Approval Documents	0.00	0.00	0.67	1.67	0.00	0.00	0.00	\$ 453.33	0.00	0.33	0.00	33.33	2.67	\$ 486.67
	Task 10.5 - Final Electronic Files	0.00	0.00	0.17	0.17	0.33	0.67	0.00	\$ 232.50	0.00	0.00	0.00	0.00	1.33	\$ 232.50
	Total Hours	5.93	7.50	26.67	13.83	9.33	18.00	20.67	102.83	0.00	6.00	0.00	6.00	108.83	
	Total Labor Costs	\$ 1,662.50	\$ 1,800.00	\$ 5,456.67	\$ 2,628.33	\$ 1,493.33	\$ 3,230.00	\$ 2,583.33	\$ 18,854.17	\$ -	\$ 800.00	\$ -	\$ 600.00		\$ 19,454.17
	Percent of Effort - Labor Hours Only	5.4%	6.9%	24.5%	12.7%	8.6%	17.5%	19.0%	84.5%	0.0%	5.5%	0.0%	5.5%	100.0%	
	Percent of Effort - Total Project Cost	8.0%	8.6%	26.2%	12.5%	7.2%	15.5%	12.4%		0.0%	2.9%	0.0%			93.4%

ESA Labor Cost		\$ 19,454.17
Labor Cost Communication Fee	3%	\$ 583.93
ESA Non-Labor Expenses		
Reimbursable Expenses (see Attachment A for detail)		\$ 787.50
ESA Equipment Usage (see Attachment A for detail)		\$ -
Subtotal ESA Non-Labor Expenses		\$ 787.50

PROJECT TOTAL

\$ 20,835.59

Attachment A
Cost Proposal: ESA Non-Labor Expenses Summary

Reimbursable Expenses

Project Supplies	\$	-
Printing/Reproduction	\$	291.67
Document and Map Reproductions (CD + Digital Photo)	\$	208.33
Postage and Deliveries	\$	41.67
Mileage	\$	-
Vehicle Rental	\$	12.50
Lodging	\$	66.67
Airfare	\$	166.67
Other Travel Related	\$	-
-	\$	-
-	\$	-
-	\$	-
Subtotal Reimbursable Expenses	\$	787.50
	\$	-
Total Reimbursable Expenses	\$	787.50

ESA Equipment Usage

General Equipment:		
Company Vehicle Usage	\$	-
HP Plotter	\$	-
Computer Time (GIS)	\$	-
Trimble GPS	\$	-
Tablet GPS	\$	-
Laser level	\$	-
Garmin GPS or equivalent	\$	-
Laptop Computers	\$	-
LCD Projector	\$	-
Noise Meter	\$	-
Electrofischer	\$	-
Sample Pump	\$	-
Surveying Kit	\$	-
Total Station Set	\$	-
Field Traps	\$	-
Digital Planimeter	\$	-
Cameras/Video/Cell Phone	\$	-
Miscellaneous Small Equipment	\$	-
Stilling Well/Coring Pipe (3 inch aluminum)	\$	-
Hydrologic Data Collection, Water Current, Level and Wave Measurement Equipment:		
Culvert Flow Meter	\$	-
Logging Rain Gage	\$	-
Marsh-McBirney Hand-Held Current Meter	\$	-
Logging Water Level Logging-Stainless Steel Pressure Transducer	\$	-
Logging Water Level -Titanium Pressure Transducer	\$	-
Logging Barometric Pressure Logger	\$	-
Well Probe	\$	-
Bottom-Mounted Tripod / Mooring	\$	-
Water Quality Equipment:		
Logging Turbidimeter/Water Level Recorder	\$	-
Logging Temperature Probe	\$	-
Hach Hand-Held Turbidimeter Recording Conductivity Meter w/Datalogger	\$	-
Refractometer	\$	-
YSI Hand-Held Salinity Meter	\$	-
Hand-Held Conductivity/Dissolved Oxygen Probe	\$	-
Sedimentation / Geotechnical Equipment:		
Peat Corer	\$	-
60lb Helly-Smith Bedload Sampler with Bridge Crane	\$	-
Suspended Sediment Sampler with Bridge Crane	\$	-
Vibra-core	\$	-
Shear Strength Vane	\$	-
Auger (brass core @ \$ 5/each	\$	-
Boats:		
14 foot Aluminum Boas with 15 HP Outboard Motor	\$	-
Single or Double Person Canoe	\$	-
17' Boston Whaler w/ 90 HP Outboard	\$	-
Total Equipment Usage Costs	\$	-

**Exhibit "C" – Project Budget
Agreement for Consultant Services**

Update of the Humboldt County Airports Land Use Compatibility Plan

Part D: Additive Option 3: Shelter Cove Airport (Resort Improvement District)

**Cost Proposal - Shelter Cove Airport
ESA Labor Detail and Expense Summary**

Employee Names															
		Steve Alverson	Harriet Ross	Chris Jones	Steve Smith	Sean Burlingame	Brad Allen	Evan Wasserman	Kristina Olson						
Labor Category		Senior Director II	Director II	Managing Associate III	Managing Associate II	Senior Associate II	Senior Associate I	Associate II	Subtotal	Project Technician II	Project Technician I	Project Technician I	Subtotal	Total Hours	Labor Price
Task #	Task Name/Description	\$ 285	\$ 240	\$ 205	\$ 190	\$ 160	\$ 170	\$ 125		\$ 115	\$ 100	\$ 80			
	Task 1 – Project Management and Meeting Attendance								\$ -						
	Task 1.1 – Project Management and QA/QC	0.83	0.00	5.33	0.00	0.00	0.00	0.00	\$ 1,330.83	0.00	0.00	0.00	0.00	8.17	\$ 1,330.83
	Task 1.2 – Project Meetings/Videoconferences (1 kickoff meeting; 3 video conferences)	1.00	0.00	2.33	0.00	0.00	0.00	0.00	\$ 763.33	0.00	0.00	0.00	0.00	3.33	\$ 763.33
	Task 1.3 – Humboldt County Airport Land Use Commission/Aviation Advisory Committee Briefings (2 video conferences)	0.67	0.00	1.33	0.00	0.00	0.00	0.00	\$ 463.33	0.00	0.00	0.00	0.00	2.00	\$ 463.33
	Task 1.4 – Public Hearing (1 hearing)	0.00	0.00	1.33	0.00	0.00	0.00	0.00	\$ 273.33	0.00	0.00	0.00	0.00	1.33	\$ 273.33
	Task 1.5 – Adoption Hearing (1 Hearing)	0.00	0.00	0.67	0.00	0.00	0.00	0.00	\$ 136.67	0.00	0.00	0.00	0.00	0.67	\$ 136.67
	Task 2 – Assemble Existing and Future Conditions Data	0.00	1.60	1.33	0.00	0.00	1.00	0.00	\$ 1,553.33	0.00	0.00	0.00	0.00	8.83	\$ 1,553.33
	Task 3 – Technical Studies/Compatibility Factor Mapping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	0.00	0.00	\$ -
	Task 3.1 – Prepare Existing and Future Year Noise Contours	0.00	0.00	0.67	0.00	5.33	0.00	0.00	\$ 990.00	0.00	0.00	0.00	0.00	6.00	\$ 990.00
	Task 3.2 – Prepare Safety Zones	0.00	0.00	0.67	0.00	0.00	5.83	0.00	\$ 1,128.33	0.00	0.00	0.00	0.00	6.50	\$ 1,128.33
	Task 3.3 – Prepare 14 CFR Part 77 Airspace Surfaces	0.00	0.00	0.67	0.00	0.00	3.33	0.00	\$ 703.33	0.00	0.00	0.00	0.00	4.00	\$ 703.33
	Task 3.4 – Prepare Overflight Notification Areas	0.00	0.00	0.67	0.00	0.00	3.33	0.00	\$ 703.33	0.00	0.00	0.00	0.00	4.00	\$ 703.33
	Task 3.5 – Identify Airport Influence Area	0.00	0.00	0.67	0.00	0.00	3.33	0.00	\$ 703.33	0.00	0.00	0.00	0.00	4.00	\$ 703.33
	Task 4 – Prepare a Preliminary Draft ALUCP	0.33	3.33	1.33	0.00	0.00	0.00	6.67	\$ 2,001.67	0.00	1.00	0.00	100.00	12.67	\$ 2,101.67
	Task 5 – Sample and Draft Enabling Ordinance	0.00	0.00	1.33	0.00	0.00	0.00	1.33	\$ 440.00	0.00	0.00	0.00	0.00	2.67	\$ 440.00
	Task 6 – Administrative Draft ALUCP	0.33	2.00	1.17	0.00	0.00	0.00	4.00	\$ 1,314.17	0.00	1.00	0.00	100.00	8.50	\$ 1,414.17
	Task 7 – Public Draft ALUCP	0.00	0.00	0.67	0.00	0.00	0.00	0.00	\$ 136.67	0.00	1.00	0.00	100.00	1.67	\$ 236.67
	Task 8 – Initial Study	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	0.00	0.00	\$ -
	Task 8.1 – Review of Environmental Resource Categories	0.00	0.00	0.67	0.00	0.00	0.00	0.00	\$ 136.67	0.00	0.00	0.00	0.00	0.67	\$ 136.67
	Task 8.2 – Administrative Draft Initial Study	0.33	0.00	0.67	0.00	0.00	0.00	0.00	\$ 231.67	0.00	0.00	0.00	0.00	1.00	\$ 231.67
	Task 8.3 – Public Draft CEQA Document	0.33	0.00	0.67	0.00	0.00	0.00	0.00	\$ 231.67	0.00	0.00	0.00	0.00	1.00	\$ 231.67
	Task 9 – Analysis of Potentially Displaced Development	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	0.00	0.00	\$ -
	Task 9.1 – Draft Technical Report	0.33	0.00	0.67	3.33	1.33	0.00	0.00	\$ 1,078.33	0.00	0.50	0.00	50.00	6.17	\$ 1,128.33
	Task 9.2 – Final Technical Report	0.33	0.00	0.67	1.33	0.33	0.00	0.00	\$ 538.33	0.00	0.50	0.00	50.00	3.17	\$ 588.33
	Task 10 – Negative Declaration/Mitigated Negative Declaration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	0.00	0.00	0.00	0.00	0.00	\$ -
	Task 10.1 – Administrative Draft CEQA Document	0.67	0.00	1.00	5.00	0.00	0.00	0.00	\$ 1,345.00	0.00	0.67	0.00	66.67	7.33	\$ 1,411.67
	Task 10.2 – Public Draft CEQA Document	0.33	0.00	0.67	2.33	0.00	0.00	0.00	\$ 675.00	0.00	0.50	0.00	50.00	3.83	\$ 725.00
	Task 10.3 – Response to Comments	0.33	0.67	0.67	0.00	2.00	1.50	2.67	\$ 1,300.00	0.00	0.50	0.00	50.00	8.33	\$ 1,350.00
	Task 10.4 – Final CEQA Document and Approval Documents	0.00	0.00	0.67	1.67	0.00	0.00	0.00	\$ 453.33	0.00	0.33	0.00	33.33	2.67	\$ 486.67
	Task 10.5 – Final Electronic Files	0.00	0.00	0.17	0.17	0.33	0.67	0.00	\$ 232.50	0.00	0.00	0.00	0.00	1.33	\$ 232.50
									0.00				0.00	0.00	\$ -
	Total Hours	5.83	7.50	26.87	13.63	9.33	19.00	20.67	102.83	0.00	6.00	0.00	6.00	108.83	
	Total Labor Costs	\$ 1,652.50	\$ 1,800.00	\$ 5,466.67	\$ 2,628.33	\$ 1,493.33	\$ 3,230.00	\$ 2,583.33	\$ 18,864.17	\$ -	\$ 600.00	\$ -	\$ 600.00		\$ 19,464.17
	Percent of Effort – Labor Hours Only	5.4%	8.9%	24.5%	12.7%	8.6%	17.5%	19.0%	94.5%	0.0%	5.5%	0.0%	5.5%	103.0%	
	Percent of Effort – Total Project Cost	8.0%	8.6%	26.2%	12.6%	7.2%	13.5%	12.4%		0.0%	2.9%	0.0%			93.4%

ESA Labor Cost		\$ 19,464.17
Labor Cost Communication Fee	3%	\$ 583.93
ESA Non-Labor Expenses		
Reimbursable Expenses	(see Attachment A for detail)	\$ 787.50
ESA Equipment Usage	(see Attachment A for detail)	\$ -
Subtotal ESA Non-Labor Expenses		\$ 787.50

PROJECT TOTAL

\$ 20,835.59

Attachment A
Cost Proposal: ESA Non-Labor Expenses Summary

Reimbursable Expenses

Project Supplies	\$	-
Printing/Reproduction	\$	291.67
Document and Map Reproductions (CD + Digital Photo)	\$	208.33
Postage and Deliveries	\$	41.67
Mileage	\$	-
Vehicle Rental	\$	12.50
Lodging	\$	66.67
Airfare	\$	166.67
Other Travel Related	\$	-
	\$	-
	\$	-
	\$	-
Subtotal Reimbursable Expenses	\$	787.50
	\$	-
Total Reimbursable Expenses	\$	787.50

ESA Equipment Usage

General Equipment:		
Company Vehicle Usage	\$	-
HP Plotter	\$	-
Computer Time (GIS)	\$	-
Trimble GPS	\$	-
Tablet GPS	\$	-
Laser level	\$	-
Garmin GPS or equivalent	\$	-
Laptop Computers	\$	-
LCD Projector	\$	-
Noise Meter	\$	-
Electrofischer	\$	-
Sample Pump	\$	-
Surveying Kit	\$	-
Total Station Set	\$	-
Field Traps	\$	-
Digital Planimeter	\$	-
Cameras/Video/Cell Phone	\$	-
Miscellaneous Small Equipment	\$	-
Stilling Well/Coring Pipe (3 inch aluminum)	\$	-
Hydrologic Data Collection, Water Current, Level and Wave Measurement Equipment:		
Culvert Flow Meter	\$	-
Logging Rain Gage	\$	-
Marsh-McBirney Hand-Held Current Meter	\$	-
Logging Water Level Logging-Stainless Steel Pressure Transducer	\$	-
Logging Water Level -Titanium Pressure Transducer	\$	-
Logging Barometric Pressure Logger	\$	-
Well Probe	\$	-
Bottom-Mounted Tripod / Mooring	\$	-
Water Quality Equipment:		
Logging Turbidimeter/Water Level Recorder	\$	-
Logging Temperature Probe	\$	-
Hach Hand-Held Turbidimeter Recording Conductivity Meter w/Datalogger	\$	-
Refractometer	\$	-
YSI Hand-Held Salinity Meter	\$	-
Hand-Held Conductivity/Dissolved Oxygen Probe	\$	-
Sedimentation / Geotechnical Equipment:		
Peat Corer	\$	-
60lb Helly-Smith Bedload Sampler with Bridge Crane	\$	-
Suspended Sediment Sampler with Bridge Crane	\$	-
Vibra-core	\$	-
Shear Strength Vane	\$	-
Auger (brass core @ \$ 5/each)	\$	-
Boats:		
14 foot Aluminum Boas with 15 HP Outboard Motor	\$	-
Single or Double Person Canoe	\$	-
17' Boston Whaler w/ 90 HP Outboard	\$	-
Total Equipment Usage Costs	\$	-

Exhibit "D" – Billing Rate Schedule

Agreement for Consultant Services

Update of the Humboldt County Airports Land Use Compatibility Plan

Section 6

Fee Proposal

Hourly Rate Schedule

Charges will be made at the Category hourly rates set forth below for time spent on project management, consultation or meetings related to the project, field work, report preparation and review, travel time, etc. Time spent on projects in litigation, in depositions and providing expert testimony will be charged at the Category rate times 1.5.

Labor Category	Level I	Level II	Level III
Senior Director	265	280	285
Director	210	225	240
Managing Associate	175	190	205
Senior Associate	150	160	170
Associate	105	125	135
Project Technicians	85	100	120

- The range of rates shown for each staff category reflects ESA staff qualifications, expertise and experience levels. These rate ranges allow our project managers to assemble the best project teams to meet the unique project requirements and client expectations for each opportunity.
- From time to time, ESA retains outside professional and technical labor on a temporary basis to meet peak workload demands. Such contract labor may be charged at regular Employee Category rates.
- ESA reserves the right to revise the Personnel Category Rates annually to reflect changes in its operating costs.