

SNOHOMISH COUNTY COUNCIL
Snohomish County, Washington

MOTION NO. 24-186

AUTHORIZING THE SNOHOMISH COUNTY EXECUTIVE TO EXECUTE A CONTRACT FOR
THE AWARD OF RFQ 24-003BC WITH JACOBS ENGINEERING GROUP INC. AT THE
SNOHOMISH COUNTY AIRPORT

WHEREAS, Snohomish County Airport is a very active airport with recently established commercial passenger service; and

WHEREAS, Airport staff requires specialized Airfield Engineering Consultant Services for various Airfield Planning, Design, Environmental and Construction Engineering projects; and

WHEREAS, the pavement condition of the airport's main runway, designated 16R-34L, as well as current Federal Aviation Administration airport design standards, warrants reconstruction of the runway; and

WHEREAS, the County has selected Jacobs Engineering Group Inc. (Jacobs) based on their qualifications for the project engineering services required in RFQ 24-003BC; and

WHEREAS, the contracts for engineering services required in RFQ 24-003BC shall be split into three parts: Part A – Preliminary Design Services, Part B – Final Design & Bidding Services, and Part C - Construction Engineering services; and

WHEREAS, Jacobs Runway 16R-34L Rehabilitation Engineering Services Part A contract expires December 31, 2026 and shall not exceed \$1,095,174; and

WHEREAS, the contract for Runway 16R-34L Rehabilitation Engineering Services Part B shall be executed separately at the conclusion of the preliminary design phase;

NOW, THEREFORE, ON MOTION, the Snohomish County Council authorizes the County Executive to execute a professional services contract for Runway 16R-34L Engineering Services – Part A with Jacobs Engineering Group Inc. not to exceed \$1,095,174, in the form attached hereto, and further authorizes the Airport Director or their designee to approve individual task orders pursuant to this contract.


PASSED this 23rd day of April, 2024.

SNOHOMISH COUNTY COUNCIL
Snohomish County, Washington



Council Chair

ATTEST:



Deputy Clerk of the Council

**Snohomish County Airport – Runway 16R-34L Rehabilitation
RFQ-24-003BC
Engineering Services - Part A**

CONSULTANT: Jacobs Engineering Group Inc.
CONTACT PERSON: Kevin L. Cooley, PE
ADDRESS: 1100 112th Avenue NE
Bellevue, WA 98004-3100
FEDERAL TAX ID NUMBER/U.B.I. NUMBER: 95-4081636
TELEPHONE/FAX NUMBER: 425-233-3047 / 503-736-2058
COUNTY DEPT: Airport
DEPT. CONTACT PERSON: Kevin Latschaw, PE
TELEPHONE/FAX NUMBER: 425-388-5122 / 425-355-9883
PROJECT: Runway 16R-34L Rehab – Engineering
AMOUNT: \$1,095,174
FUND SOURCE: 410.5216806604
CONTRACT DURATION: Date of Execution through Dec. 31, 2026
[unless extended or renewed pursuant to
Section 2 hereof]

AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT (the “Agreement”) is made by and between SNOHOMISH COUNTY, a political subdivision of the State of Washington (the “County”) and Jacobs Engineering Group Inc., a Delaware Corporation (the “Consultant”). In consideration of the mutual benefits and covenants contained herein, the parties agree as follows:

1. Purpose of Agreement; Scope of Services. The purpose of this Agreement is Engineering Services for Paine Field Runway 16R-34L Rehabilitation (“Services”). The Scope of Services is as defined in Schedule A attached hereto and by this reference made a part hereof. This Agreement is Part A of the product of County RFQ No. 24-003BC, Engineering Services, Paine Field Runway 16R-34L Rehabilitation. The required final design and bidding services will be executed as a separate Agreement for Professional Services as Part B of this RFQ when the Part A work is complete, and likewise the required construction administration services will be executed as Part C at the conclusion of design and bidding services.

The services shall be performed in accordance with the requirements of this Agreement and with generally accepted practices prevailing in the western Washington region in the occupation or industry in which the Consultant practices or operates at the time the services are

performed. The Consultant shall perform the Services in a timely manner and in accordance with the terms of this Agreement. Any materials or equipment used by the Consultant in connection with performing the Services shall be of good quality. The Consultant represents that it is fully qualified to perform the Services to be performed under this Agreement in a competent and professional manner.

The Consultant will prepare and present status reports and other information regarding performance of the Agreement as the County may request.

2. Term of Agreement; Time of Performance. This Agreement shall be effective upon contract execution (the "Effective Date") and shall terminate on December 31, 2026, with not new work allowed after December 31, 2026, PROVIDED, HOWEVER, that the County's obligations after December 31, 2019 are contingent upon local legislative appropriation of necessary funds for this specific purpose in accordance with the County Charter and applicable law. If necessary, at the option of the County, agreement may be supplemented for additional time.

3. Compensation.

a. Services. The County will pay the Consultant for Services as and when set forth in Schedule B, which is attached hereto and by this reference made a part of this Agreement.

b. Overhead and Expenses. The Consultant's compensation for Services set forth in Section 3a above includes overhead and expenses and no separate claims for reimbursement of overhead or expenses will be allowed under this Agreement.

c. Invoices. The Consultant shall submit properly executed invoices to the County no more frequently than monthly. Each invoice shall include an itemization of the dates on which Services were provided, including the number of hours and a brief description of the Services performed on each such date. Subject to Section 8 of this Agreement, the County will pay such invoices within thirty (30) calendar days of receipt.

d. Payment. The County's preferred method of payment under this contract is electronic using the County's "e-Payable" system with Bank of America. The Consultant is highly encouraged to take advantage of the electronic payment method.

In order to utilize the electronic payment method, the Consultant shall email SnocoEpayables@snoco.org and indicate it was awarded a contract with Snohomish County and will be receiving payment through the County's e-Payable process. The Consultant needs to provide contact information (name, phone number and email address). The Consultant will be contacted by a person in the Finance Accounts Payable group and assisted with the enrollment process. This should be done as soon as feasible after County award of a contract or purchase order, but not exceeding ten (10) business days.

Department approved invoices received in Finance will be processed for payment within seven calendar days for e-Payable contractors. Invoices are processed for payment by Finance two times a week for contractors who have selected the e-Payable payment option.

In the alternative, if the Consultant does not enroll in the electronic (“e-Payable”) payment method described above, contract payments will be processed by Finance with the issuance of paper checks or, if available, an alternative electronic method. Alternative payment methods, other than e-Payables, will be processed not more than 30 days from receipt of department approved invoices to Finance.

THE COUNTY MAY MAKE PAYMENTS FOR PURCHASES UNDER THIS CONTRACT USING THE COUNTY’S VISA PURCHASING CARD (PCARD).

Upon acceptance of payment, the Consultant waives any claims for the goods or Services covered by the Invoice. No advance payment shall be made for the goods or Services furnished by Consultant pursuant to this Contract.

4. Independent Consultant. The Consultant agrees that Consultant will perform the Services under this Agreement as an independent contractor and not as an agent, employee, or servant of the County. This Agreement neither constitutes nor creates an employer-employee relationship. The parties agree that the Consultant is not entitled to any benefits or rights enjoyed by employees of the County. The Consultant specifically has the right to direct and control Consultant’s own activities in providing the agreed Services in accordance with the specifications set out in this Agreement. The County shall only have the right to ensure performance. Nothing in this Agreement shall be construed to render the parties partners or joint venturers.

The Consultant shall furnish, employ and have exclusive control of all persons to be engaged in performing the Consultant’s obligations under this Agreement (the “Consultant personnel”), and shall prescribe and control the means and methods of performing such obligations by providing adequate and proper supervision. Such Consultant personnel shall for all purposes be solely the employees or agents of the Consultant and shall not be deemed to be employees or agents of the County for any purposes whatsoever. With respect to Consultant personnel, the Consultant shall be solely responsible for compliance with all rules, laws and regulations relating to employment of labor, hours of labor, working conditions, payment of wages and payment of taxes, including applicable contributions from Consultant personnel when required by law.

Because it is an independent contractor, the Consultant shall be responsible for all obligations relating to federal income tax, self-employment or FICA taxes and contributions, and all other so-called employer taxes and contributions including, but not limited to, industrial insurance (workers’ compensation). The Consultant agrees to indemnify, defend and hold the County harmless from any and all claims, valid or otherwise, made to the County because of these obligations.

The Consultant assumes full responsibility for the payment of all payroll taxes, use, sales, income, or other form of taxes, fees, licenses, excises or payments required by any city, county, federal or state legislation which are now or may during the term of the Agreement be enacted as to all persons employed by the Consultant and as to all duties, activities and requirements by the Consultant in performance of the Services under this Agreement. The Consultant shall assume exclusive liability therefor, and shall meet all requirements thereunder pursuant to any rules or regulations that are now or may be promulgated in connection therewith.

5. Ownership. Any and all data, reports, analyses, documents, photographs, pamphlets, plans, specifications, surveys, films or any other materials created, prepared, produced, constructed, assembled, made, performed or otherwise produced by the Consultant or the Consultant's subcontractors or subconsultants for delivery to the County under this Agreement shall be the sole and absolute property of the County. Such property shall constitute "work made for hire" as defined by the U.S. Copyright Act of 1976, 17 U.S.C. § 101, and the ownership of the copyright and any other intellectual property rights in such property shall vest in the County at the time of its creation. Ownership of the intellectual property includes the right to copyright, patent, and register, and the ability to transfer these rights. Material which the Consultant uses to perform this Agreement but is not created, prepared, constructed, assembled, made, performed or otherwise produced for or paid for by the County is owned by the Consultant and is not "work made for hire" within the terms of this Agreement.

6. Changes. No changes or additions shall be made in this Agreement except as agreed to by both parties, reduced to writing and executed with the same formalities as are required for the execution of this Agreement.

7. County Contact Person. The assigned contact person (or project manager) for the County for this Agreement shall be:

Name: Kevin Latschaw, PE
Title: Airport Engineering Manager
Department: Airport
Telephone: (425) 388-5122
Email: kevin.latschaw@snoco.org

8. County Review and Approval. When the Consultant has completed any discrete portion of the Services, the Consultant shall verify that the work is free from errors and defects and otherwise conforms to the requirements of this Agreement. The Consultant shall then notify the County that said Services are complete. The County shall promptly review and inspect the Services to determine whether the Services are acceptable. If the County determines the Services conform to the requirements of this Agreement, the County shall notify the Consultant that the County accepts the work. If the County determines the Services contain errors, omissions, or otherwise fail to conform to the requirements of this Agreement, the County shall reject the Services by providing the Consultant with written notice describing the problems with the Services and describing the necessary corrections or modifications to same. In such event, the Consultant shall promptly remedy the problem or problems and re-submit the work to the County. The Consultant shall receive no additional compensation for time spent correcting errors. Payment for the work will not be made until the work is accepted by the County. The Consultant shall be responsible for the accuracy of work even after the County accepts the work.

If the Consultant fails or refuses to correct the Consultant's work when so directed by the County, the County may withhold from any payment otherwise due to the Consultant an amount that the County in good faith believes is equal to the cost the County would incur in correcting the errors, in re-procuring the work from an alternate source, and in remedying any damage caused by the Consultant's conduct.

9. Subcontracting and Assignment. The Consultant shall not subcontract, assign, or delegate any of the rights, duties or obligations covered by this Agreement without prior express written consent of the County. Any attempt by the Consultant to subcontract, assign, or delegate any portion of the Consultant's obligations under this Agreement to another party in violation of the preceding sentence shall be null and void and shall constitute a material breach of this Agreement.

10. Records and Access; Audit; Ineligible Expenditures. The Consultant shall maintain adequate records to support billings. Said records shall be maintained for a period of seven (7) years after completion of this Agreement by the Consultant. The County or any of its duly authorized representatives shall have access at reasonable times to any books, documents, papers and records of the Consultant which are directly related to this Agreement for the purposes of making audit examinations, obtaining excerpts, transcripts or copies, and ensuring compliance by the County with applicable laws. Expenditures under this Agreement, which are determined by audit to be ineligible for reimbursement and for which payment has been made to the Consultant, shall be refunded to the County by the Consultant.

11. Indemnification.

a. Professional Liability.

The Consultant agrees to indemnify the County and, if any funds for this Agreement are provided by the State, the State and their officers, officials, agents and employees from damages and liability for damages, including reasonable attorneys' fees, court costs, expert witness fees, and other claims-related expenses, arising out of the performance of the Consultant's professional services under this Agreement, to the extent that such liability is caused by the negligent acts, errors or omissions of the Consultant, its principals, employees or subcontractors. The Consultant has no obligation to pay for any of the indemnitees' defense-related cost prior to a final determination of liability or to pay any amount that exceeds Consultant's finally determined percentage of liability based upon the comparative fault of the Consultant, its principals, employees and subcontractors. For the purpose of this section, the County and the Consultant agree that the County's and, if applicable, the State's costs of defense shall be included in the definition of damages above.

b. All Other Liabilities Except Professional Liability.

To the maximum extent permitted by law and except to the extent caused by the sole negligence of the County and, if any funds for this Agreement are provided by the State, the State, the Consultant shall indemnify and hold harmless the County and the State, their officers, officials, agents and employees, from and against any and all suits, claims, actions, losses, costs, penalties and damages of whatsoever kind or nature arising out of, in connection with, or incidental to the services and/or deliverables provided by or on behalf of the Consultant. In addition, the Consultant shall assume the defense of the County and, if applicable, the State and their officers and employees in all legal or claim proceedings arising out of, in connection with, or incidental to such services and/or deliverables and shall pay all defense expenses, including reasonable attorneys'

fees, expert fees and costs incurred by the County and, if applicable, the State, on account of such litigation or claims.

The above indemnification obligations shall include, but are not limited to, all claims against the County and, if applicable, the State by an employee or former employee of the Consultant or its subcontractors, and the Consultant, by mutual negotiation, expressly waives all immunity and limitation on liability, as respects only the County and, if applicable, the State, under any industrial insurance act, including Title 51 RCW, other worker's compensation act, disability benefit act, or other employee benefit act of any jurisdiction which would otherwise be applicable in the case of such claim.

In the event that the County or, if applicable, the State incurs any judgment, award and/or cost including attorneys' fees arising from the provisions of this section, or to enforce the provisions of this section, any such judgment, award, fees, expenses and costs shall be recoverable from the Consultant.

In addition to injuries to persons and damage to property, the term "claims," for purposes of this provision, shall include, but not be limited to, assertions that the use or transfer of any software, book, document, report, film, tape, or sound reproduction or material of any kind, delivered hereunder, constitutes an infringement of any copyright, patent, trademark, trade name, and/or otherwise results in an unfair trade practice.

The indemnification, protection, defense and save harmless obligations contained herein shall survive the expiration, abandonment or termination of this Agreement.

Nothing contained within this provision shall affect or alter the application of any other provision contained within this Agreement.

12. Insurance Requirements. The Consultant shall procure by the time of execution of this Agreement, and maintain for the duration of this Agreement, (i) insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the Services hereunder by the Consultant, its agents, representatives, or employees, and (ii) a current certificate of insurance and additional insured endorsement when applicable.

a. General. Each insurance policy shall be written on an "occurrence" form, except that Professional Liability, Errors and Omissions coverage, if applicable, may be written on a claims made basis. If coverage is approved and purchased on a "claims made" basis, the Consultant warrants continuation of coverage, either through policy renewals or the purchase of an extended discovery period, if such extended coverage is available, for not less than three (3) years from the date of completion of the Services which is the subject of this Agreement.

By requiring the minimum insurance coverage set forth in this Section 12, the County shall not be deemed or construed to have assessed the risks that may be applicable to the Consultant under this Agreement. The Consultant shall assess its own risks and, if it deems appropriate and/or prudent, maintain greater limits and/or broader coverage.

b. No Limitation on Liability. The Consultant's maintenance of insurance as required by this Agreement shall not be construed to limit the liability of the Consultant to the coverage provided by such insurance, or otherwise limit the County's recourse to any remedy available at law or in equity.

c. Minimum Scope and Limits of Insurance. The Consultant shall maintain coverage at least as broad as, and with limits no less than:

(i) General Liability: \$5,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage, and for those policies with aggregate limits, a \$5,000,000 aggregate limit. CG 00 01 current edition, including Products and Completed Operations;

(ii) Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage. CA 0001 current edition, Symbol 1;

(iii) Workers' Compensation: To meet applicable statutory requirements for workers' compensation coverage of the state or states of residency of the workers providing Services under this Agreement;

(iv) Employers' Liability or "Stop Gap" coverage: \$1,000,000;

v) Professional Liability: \$5,000,000.

d. Other Insurance Provisions and Requirements. The insurance coverages required in this Agreement for all liability policies except workers' compensation and Professional Liability, if applicable, must contain, or must be endorsed to contain, the following provisions:

(i) The County, its officers, officials, employees and agents are to be covered as additional insureds as respects liability arising out of activities performed by or on behalf of the Consultant in connection with this Agreement. Such coverage shall be primary and non-contributory insurance as respects the County, its officers, officials, employees and agents. Additional Insured Endorsement shall be included with the certificate of insurance, "CG 2026 07/04" or its equivalent is required.

(ii) The Consultant's insurance coverage shall apply separately to each insured against whom a claim is made and/or lawsuit is brought, except with respect to the limits of the insurer's liability.

(iii) Any deductibles or self-insured retentions must be declared to, and approved by, the County. The deductible and/or self-insured retention of the policies shall not limit or apply to the Consultant's liability to the County and shall be the sole responsibility of the Consultant.

(iv) Insurance coverage must be placed with insurers with a Best's Underwriting Guide rating of no less than A:VIII, or, if not rated in the Best's Underwriting Guide, with minimum surpluses the equivalent of Best's surplus size VIII. Professional Liability, Errors and Omissions insurance coverage, if applicable, may be placed with insurers with a Best's rating of B+:VII. Any exception must be approved by the County.

Coverage shall not be suspended, voided, canceled, reduced in coverage or in limits until after forty-five (45) calendar days' prior written notice has been given to the County.

If at any time any of the foregoing policies fail to meet minimum requirements, the Consultant shall, upon notice to that effect from the County, promptly obtain a new policy, and shall submit the same to the County, with the appropriate certificates and endorsements, for approval.

e. Subcontractors. The Consultant shall include all subcontractors as insureds under its policies, or shall furnish separate certificates of insurance and policy endorsements for each subcontractor. **Insurance coverages provided by subcontractors instead of the Consultant as evidence of compliance with the insurance requirements of this Agreement shall be subject to all of the requirements stated herein.**

13. County Non-discrimination. It is the policy of the County to reject discrimination which denies equal treatment to any individual because of his or her race, creed, color, national origin, families with children, sex, marital status, sexual orientation, age, honorably discharged veteran or military status, or the presence of any sensory, mental, or physical disability or the use of a trained dog guide or service animal by a person with a disability as provided in Washington's Law against Discrimination, Chapter 49.60 RCW, and the Snohomish County Human Rights Ordinance, Chapter 2.460 SCC. These laws protect against specific forms of discrimination in employment, credit transactions, public accommodation, housing, county facilities and services, and county contracts.

[The Consultant shall comply with the substantive requirements of Chapter 2.460 SCC, which are incorporated herein by this reference. Execution of this Agreement constitutes a certification by the Consultant of the Consultant's compliance with the requirements of Chapter 2.460 SCC. If the Consultant is found to have violated this provision, or to have furnished false or misleading information in an investigation or proceeding conducted pursuant to this Agreement or Chapter 2.460 SCC, this Agreement may be subject to a declaration of default and termination at the County's discretion. This provision shall not affect the Consultant's obligations under other federal, state, or local laws against discrimination.]

14. Federal Non-discrimination and Federal Compliance. Snohomish County assures that no persons shall on the grounds of race, color, national origin, or sex as provided by Title VI of the Civil Rights Act of 1964 (Pub. L. No. 88-352), as amended, and the Civil Rights Restoration Act of 1987 (Pub. L. No. 100-259) be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any County sponsored program or activity. Snohomish County further assures that every effort will be made to ensure nondiscrimination in all of its programs and activities, whether those programs and activities are federally funded or not.

A. General Civil Rights Provisions: The Consultant agrees to comply with pertinent statutes, Executive Orders and such rules as are promulgated to ensure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance. This provision binds the Consultant and subtier contractors from the bid solicitation period through the completion of the contract. This provision is in addition to that required of Title VI of the Civil Rights Act of 1964.

B. Title VI Solicitation Notice: The Snohomish County Airport, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

C. Compliance with Nondiscrimination Requirements: During the performance of this contract, the Consultant, for itself, its assignees, its consultants, its subcontractors and successors (hereinafter collectively referred to as Consultant) in interest agrees as follows:

1. **Compliance with Regulations.** The Consultant will comply with the Title VI List of Pertinent Nondiscrimination Acts And Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract as Addendum D.

2. **Non-discrimination:** The Consultant, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Consultant will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.

3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment.** If subcontracts applicable, in all solicitations, either by competitive bidding, or negotiation made by the Consultant for work to be performed under a subcontract, each potential subcontractor will be notified by the Consultant of the Consultant's obligations under this contract and the Nondiscrimination Acts And Authorities on the grounds of race, color, or national origin.

4. **Information and Reports.** The Consultant will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the County or the Federal Aviation Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts And Authorities and instructions. Where any information required of a consultant is in the exclusive possession of another who fails or refuses to furnish the information, the consultant will so certify to the sponsor or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

5. **Sanctions for Noncompliance.** In the event of a Consultant's noncompliance with the Nondiscrimination provisions of this contract, the County will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:

- a. Withholding payments to the Consultant under the contract until the Consultant complies; and/or
- b. Cancelling, terminating, or suspending a contract, in whole or in part.

6. **Incorporation of Provisions:** The Consultant will include the provisions of paragraphs one through six in every subcontract, if any. The Consultant will take action with respect to any subcontract as the County or the Federal Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the

Consultant becomes involved in, or is threatened with litigation by a subcontractor, the Consultant may request the County to enter into any litigation to protect the interests of the County. In addition, the Consultant may request the United States to enter into the litigation to protect the interests of the United States.

15. Employment of County Employees. SCC 2.50.075, “Restrictions on future employment of County employees,” imposes certain restrictions on the subsequent employment and compensation of County employees. The Consultant represents and warrants to the County that it does not at the time of execution of this Agreement, and that it shall not during the term of this Agreement, employ a former or current County employee in violation of SCC 2.50.075. For breach or violation of these representations and warranties, the County shall have the right to terminate this Agreement without liability.

16. Compliance with Other Laws. The Consultant shall comply with all other applicable federal, state and local laws, rules, and regulations in performing this Agreement.

17. Compliance with Grant Terms and Conditions. The Consultant shall comply with any and all conditions, terms and requirements of any federal, state or other grant, if any, that wholly or partially funds the Consultant’s Services hereunder.

18. Prohibition of Contingency Fee Arrangements. The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this Agreement and that it has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, brokerage fee, gifts or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, the County shall have the right to terminate this Agreement without liability or, in its discretion, to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

19. Force Majeure. If either party is unable to perform any of its obligations under this Agreement as a direct result of an unforeseeable event beyond that party’s reasonable control, including but not limited to an act of war, act of nature (including but not limited to earthquake and flood), embargo, riot, sabotage, labor shortage or dispute (despite due diligence in obtaining the same), or governmental restriction imposed subsequent to execution of the Agreement (collectively, a “force majeure event”), the time for performance shall be extended by the number of days directly attributable to the force majeure event. Both parties agree to use their best efforts to minimize the effects of such failures or delays.

20. Suspension of Work. The County may, at any time, instruct the Consultant in writing to stop Services effective immediately, or as directed, pending either further instructions from the County to resume the Services or a notice from the County of breach or termination under Section 21 of this Agreement.

21. Non-Waiver of Breach; Termination.

a. The failure of the County to insist upon strict performance of any of the covenants or agreements contained in this Agreement, or to exercise any option conferred by this Agreement, in one or more instances shall not be construed to be a waiver or relinquishment of those covenants, agreements or options, and the same shall be and remain in full force and effect.

b. If the Consultant breaches any of its obligations hereunder, and fails to cure the same within ten (10) business days of written notice to do so by the County, the County may terminate this Agreement, in which case the County shall pay the Consultant only for the services and corresponding reimbursable expenses, if any, accepted by the County in accordance with Sections 3 and 8 hereof.

c. The County may terminate this Agreement upon twenty (20) business days' written notice to the Consultant for any reason other than stated in subparagraph b above, in which case payment shall be made in accordance with Sections 3 and 8 hereof for the services and corresponding reimbursable expenses, if any, reasonably and directly incurred by the Consultant in performing this Agreement prior to receipt of the termination notice.

d. Termination by the County hereunder shall not affect the rights of the County as against the Consultant provided under any other section or paragraph herein. The County does not, by exercising its rights under this Section 21, waive, release or forego any legal remedy for any violation, breach or non-performance of any of the provisions of this Agreement. At its sole option, the County may deduct from the final payment due the Consultant (i) any damages, expenses or costs arising out of any such violations, breaches or non-performance and (ii) any other set-offs or credits including, but not limited to, the costs to the County of selecting and compensating another contractor to complete the Services of the Agreement.

22. Notices. All notices and other communications shall be in writing and shall be sufficient if given, and shall be deemed given, on the date on which the same has been mailed by certified mail, return receipt requested, postage prepaid, addressed as follows:

If to the County: Snohomish County Airport
 10108 32nd Ave W, Suite G
 Everett, Washington 98201
 Attention: Kevin Latschaw, PE
 Airport Engineering Manager

and to: Snohomish County Purchasing Division
 3000 Rockefeller Avenue, M/S 507
 Everett, Washington 98201
 Attention: Bill Thornton - Purchasing Manager

If to the Consultant: Jacobs Engineering Group Inc.
 1100 112th Avenue NE
 Bellevue, WA 98004-3100
 Attention: Kevin L. Cooley, PE - Principal Project Manager

and to: Jacobs Engineering Group Inc.
 1999 Bryan Street Suite 3500
 Dallas, TX 75201
 Attention: Legal Department

The County or the Consultant may, by notice to the other given hereunder, designate any further or different addresses to which subsequent notices or other communications shall be sent.

23. Confidentiality. The Consultant shall not disclose, transfer, sell or otherwise release to any third party any confidential information gained by reason of or otherwise in connection with the Consultant's performance under this Agreement. The Consultant may use such information solely for the purposes necessary to perform its obligations under this Agreement. The Consultant shall promptly give written notice to the County of any judicial proceeding seeking disclosure of such information.

24. Public Records Act. This Agreement and all public records associated with this Agreement shall be available from the County for inspection and copying by the public where required by the Public Records Act, Chapter 42.56 RCW (the "Act"). To the extent that public records then in the custody of the Consultant are needed for the County to respond to a request under the Act, as determined by the County, the Consultant agrees to make them promptly available to the County. If the Consultant considers any portion of any record provided to the County under this Agreement, whether in electronic or hard copy form, to be protected from disclosure under law, the Consultant shall clearly identify any specific information that it claims to be confidential or proprietary. If the County receives a request under the Act to inspect or copy the information so identified by the Consultant and the County determines that release of the information is required by the Act or otherwise appropriate, the County's sole obligations shall be to notify the Consultant (a) of the request and (b) of the date that such information will be released to the requester unless the Consultant obtains a court order to enjoin that disclosure pursuant to RCW 42.56.540. If the Consultant fails to timely obtain a court order enjoining disclosure, the County will release the requested information on the date specified.

The County has, and by this section assumes, no obligation on behalf of the Consultant to claim any exemption from disclosure under the Act. The County shall not be liable to the Consultant for releasing records not clearly identified by the Consultant as confidential or proprietary. The County shall not be liable to the Consultant for any records that the County releases in compliance with this section or in compliance with an order of a court of competent jurisdiction.

25. Interpretation. This Agreement and each of the terms and provisions of it are deemed to have been explicitly negotiated by the parties. The language in all parts of this Agreement shall, in all cases, be construed according to its fair meaning and not strictly for or against either of the parties hereto. The captions and headings of this Agreement are used only for convenience and are not intended to affect the interpretation of the provisions of this Agreement. This Agreement shall be construed so that wherever applicable the use of the singular number shall include the plural number, and vice versa, and the use of any gender shall be applicable to all genders.

26. Complete Agreement. The Consultant was selected through the County's RFQ identified in Section 1. The RFQ and the Consultant's response are incorporated herein by this reference. To the extent of any inconsistency among this Agreement, the RFQ, and the Consultant's response, this Agreement shall govern. To the extent of any inconsistency between the RFQ and the Consultant's response, the RFQ shall govern.

27. Conflicts between Attachments and Text. Should any conflicts exist between any attached exhibit or schedule and the text or main body of this Agreement, the text or main body of this Agreement shall prevail.

28. No Third Party Beneficiaries. The provisions of this Agreement are for the exclusive benefit of the County and the Consultant. This Agreement shall not be deemed to have conferred any rights, express or implied, upon any third parties.

29. Governing Law; Venue. This Agreement shall be governed by the laws of the State of Washington. The venue of any action arising out of this Agreement shall be in the Superior Court of the State of Washington, in and for Snohomish County.

30. Severability. Should any clause, phrase, sentence or paragraph of this agreement be declared invalid or void, the remaining provisions of this Agreement shall remain in full force and effect.

31. Authority. Each signatory to this Agreement represents that he or she has full and sufficient authority to execute this Agreement on behalf of the County or the Consultant, as the case may be, and that upon execution of this Agreement it shall constitute a binding obligation of the County or the Consultant, as the case may be.

32. Survival. Those provisions of this Agreement that by their sense and purpose should survive expiration or termination of the Agreement shall so survive.

33. Execution in Counterparts. This Agreement may be executed in counterparts, each of which shall constitute an original and all of which shall constitute one and the same Agreement.

Schedule A
Scope of Services

Paine Field

RFQ 24-003BC - Runway 16R-34L Rehabilitation - Engineering Services - Part A

Schedule A: Scope of Services

Updated: April 6, 2024

I. **Project Description** – *The project description is as follows:*

Snohomish County, Seattle - Paine Field International Airport (COUNTY) has selected Jacobs Engineering Group Inc. (CONSULTANT) to provide consulting services for RFQ 24-003BC, for "Engineering Services, Paine Field Runway 16R-34L Rehabilitation" (PROJECT). Under Part A of this PROJECT, CONSULTANT will provide project formulation; project management, Federal Aviation Administration (FAA) funding coordination; data collection required for conceptual design; standards review, conceptual design and phasing alternatives and environmental support as defined herein for the ultimate build-out of the runway rehabilitation program. Part B will include project management, additional data collection required for intermediate and final design, CatEx/Documented CatEx/SEPA and local permitting support, final design and bidding services for the first package of the overall runway rehabilitation program. Part C will include project management, construction administration, and project closeout for the first bid package of the overall runway rehabilitation program as well as any other additional services as defined in the Part C scope document.

Scope of Work – PART A Services

A1. PROJECT MANAGEMENT (Part A Services)

- A1.1. Project Scoping.** CONSULTANT will prepare initial scope of work and attend two (2) scoping meetings with COUNTY and FAA to discuss and refine the final scope of work. Up to 36 hours and two (2) additional meetings in COUNTY offices are included for this effort.
- A1.2. Project Instructions.** CONSULTANT will prepare Project Instructions for the work. An update to the project instructions will be provided prior to Part B and Part C services.
- A1.3. Project Quality Control Plan.** CONSULTANT will prepare a project specific Quality Control Plan for the work and will distribute to the internal consultant team. An update to the

Quality Control Plan will be provided prior to Part B and Part C services.

- A1.4. Project Safety Plan.** CONSULTANT will develop Field Safety Instructions for all its staff and subconsultants performing work under this contract. An update to the Project Safety Plan will be provided prior to Part B and Part C services.
- A1.5. FAA Coordination.** CONSULTANT will coordinate with the FAA project manager on the project, funding and other administrative issues during the project via email and brief phone calls, as needed. Three (3) meetings to be held in FAA regional offices and two (2) meetings to be held at the COUNTY offices are assumed to discuss project issues. In-person meetings will be conducted as allowed under current public health guidelines in place at the time of the meeting(s). Other FAA interactions are discussed in tasks that follow. CONSULTANT will keep COUNTY apprised of conversations with FAA and will prepare meeting agendas, meeting notes and telephone conversation records, as appropriate.
- A1.6. Project Administration.** CONSULTANT will provide project administrative services for this phase of the project, including record keeping; filing; monthly cost tracking and statusing; schedule management; monthly invoicing, subcontract development and subconsultant management (up to 4 subcontracts are expected for this scope of work). A brief invoice status letter will be provided with each invoice. It is assumed that the duration of this task order will extend from March 2024 to July 2024 (5 months).
- A1.7. Project Meetings and Teleconferences.** This scope of work assumes up to eight (8) project meetings with the COUNTY to discuss project management issues. Four (4) of these meetings are assumed to be one (1) hour or less in length and occur via MS-Teams with up to three (3) CONSULTANT staff participating. The remaining four (4) meetings are assumed to be held in the COUNTY's offices, as allowed under current public health guidelines, with three (3) CONSULTANT staff in attendance for up to two (2) hours. Twenty (20) biweekly design team meetings are budgeted for internal team coordination. Each team meeting is assumed to be one (1) hour long and involve up to eight (8) participants, including subconsultants. Additional task specific meetings are listed in the tasks that follow below.
- A1.8. Strategic Advisor Panel.** This scope of work assumes that one (1) introductory and up to four (4) monthly meetings of the strategic advisor panel will be held. The panel will include three (3) senior level advisors (25+ years' experience) in the areas of runway rehabilitation design and construction; runway reconstruction design and construction; and major runway construction National Environmental Policy Act (NEPA). CONSULTANT will schedule, attend and document up to five (5) meetings. The introductory meeting will be four (4) hours long and the monthly meetings will be one (1) hour long to discuss project issues and concerns. Three (3) senior level advisors will participate in each meeting along with (1) the project manager, (2) the design manager, (3) the standards review lead, (4) the airfield civil lead and (5) the NEPA specialist. It is assumed that

introductory meeting will be held in person as well as one (1) of the monthly meetings and the remaining three (3) monthly meetings will be conducted virtually using MS-Teams.

A1.9. Airport Tenant/Stakeholder Informational Meetings. This scope of work assumes up to three (3) tenant/stakeholder informational meetings with the COUNTY and possibly FAA to discuss and share information about the project and the status. COUNTY will direct which stakeholders/tenants will attend each meeting which are assumed to be three (3) hours or less in length occurring in-person at COUNTY offices with up to five (5) CONSULTANT staff participating in each meeting. Meetings assumed to be held in the COUNTY's offices, as allowed under current public health guidelines.

A1.10. Maintain Project Records and Files – CONSULTANT will maintain records and files pertaining to the project and store them for the duration of the work.

Task A1 Deliverables:

- Project Scope document. – Up to three drafts and one final version.
- Monthly invoice and invoice status letter (6 assumed)
- Schedule updates (3 assumed)
- Meeting agendas, meeting notes and telephone conversation records for important items.

A2. DATA COLLECTION (Part A Services)

A2.1. Existing Data Collection and Review

A2.1.1. CONSULTANT will review information provided by COUNTY for the PROJECT. At a minimum COUNTY will provide the following:

- Asbuilt Record Drawings of existing conditions in AutoCAD(preferred) or PDF format.
- Asbuilt Record Drawings of all existing County-owned utilities in AutoCAD(preferred) or PDF format for use on the Project.
- Geotechnical Data
- Pavement Condition Information for all pavement areas being rehabilitated as well as the pavements adjacent to those anticipated to be rehabilitated.
- Current and proposed aircraft and ground vehicle types and operations within the vicinity of the pavement areas being reconstructed.
- Recent CCTV and data on major gravity utilities crossing under Rwy 16R-34L
- Current Master Plan and forecasts
- Existing airport survey control system (PACS and SACS) for Rwy 16R-34L

- Existing FAA Modifications to Standards
- A2.1.2. CONSULTANT will work with COUNTY to secure access to FieldMap GIS database for the PROJECT. It is expected that three (3) staff will be provided access to the online database as well as mobile device access.
- A2.1.3. CONSULTANT will review the information provided and develop a list of additional information needed to complete Part A services as well as an advance list of additional information expected to be needed for Part B services.
- A2.1.4. CONSULTANT will schedule, meet with and document meetings with tenants and airlines operating at Seattle-Paine Field International Airport (PAE) to specifically discuss and determine the minimum runway lengths and takeoff/landing weight combinations that would be needed for various construction phases anticipated. Up to four (4) meetings are assumed to collect and confirm the needed operational information to complete Part A services. Each meeting is assumed to two (2) hours in length and will be held somewhere in the Puget Sound region, with up to three (3) CONSULTANT staff participating. Meeting agendas and notes will be prepared for each meeting.
- A2.1.5. CONSULTANT will collect and evaluate information concerning the existing domestic waterline that crosses under Runway 16R-34L. CONSULTANT will work with COUNTY and Mukilteo Water and Wastewater Department (MWWD) to determine if this utility will need special consideration in the runway rehabilitation project concept or final design phases and to understand MWWD's intent for any improvements to this line during the runway rehabilitation program. A brief technical memorandum is anticipated to document the outcome of this task. A draft and final document are expected.
- A2.1.6. CONSULTANT will collect information needed to determine and develop Pavement Classification Ratings (PCR) for the current Part 139 surfaces on the airfield in accordance with FAA Advisory Circular 150-5335-5D. A PCR will be developed for each of the following existing pavements under this task and a summary report will be provided:
- Rwy 16R-34L – assume six (6) different sections will be analyzed and minimum section will be reported.
 - Twy A– assume three (3) different sections will be analyzed and minimum section will be reported.
 - Twy A Connectors (10) – assume two (2) different sections for each connector will be analyzed and minimum section will be reported.
 - Twy K, K-1 and K-North – assume two (2) different sections for each will be analyzed and minimum section will be reported.
 - Twy C – assume three (3) different sections will be analyzed and minimum section will

be reported.

- Twy J– assume three (3) different sections will be analyzed and minimum section will be reported.

A2.2. Field Data Collection

A2.2.1. CONSULTANT will subcontract with the Field Survey Subconsultant for collection of additional field survey data needed for Part A services.

A2.2.2. This scope of work assumes five (5) separate ten (10) hour field survey mobilizations to collect data needed. Field data reduction and AutoCAD map development is assumed for each of the five (5) separate mobilization. If additional surveying is found to be needed for Part A services, an amendment will be made to add these services. All survey will be tied into the existing airport control system (PACS and SACS).

A2.2.3. CONSULTANT will utilize existing subsurface information for Part A services. Additional geotechnical investigation such as borings, corings, non-destructive testing (NDT) or other methods are deferred to Part B services and are not anticipated to be required for Part A services.

A2.2.4. CONSULTANT will review all CCTV and other information provided by COUNTY related to utility crossings under RWY 16R-34L and document findings in a brief technical memo. Additional Subsurface utility investigation, including field investigations, CCTV review of existing drainage facilities, utility locates and coordination with local utility providers (except existing potable water line crossing under the runway) is deferred to Part B services and are not anticipated to be required for Part A services.

A2.2.5. Prior to any fieldwork effort, CONSULTANT will develop for COUNTY review and approval a Data Collection Plan addressing the following topics:

- Location of all data collection activities
- Dates and times for all work elements
- Closure plan for airfield pavements, access roads as well as undeveloped areas needed to accomplish the work.
- Airport and Field Staff Safety
- Contact List for all entities that will be escorting or driving onsite.
- One draft and one final version of the plan are expected.

Task A2 Deliverables:

- List of additional information needed for Part A services.
- Brief Technical Memo concerning runway length requirement information collected from airlines and tenants (one draft and one final submission are assumed).
- PCR Report for existing Part 139 pavements (one draft and one final submission are assumed).
- Brief Tech. Memo concerning existing water main that crosses the runway (draft and final versions).
- Brief Tech. Memo concerning existing utilities that cross the runway from information provided by COUNTY (draft and final versions).
- Data Collection Plan (one draft and one final submission are assumed)
- Survey files in AutoCAD format meeting PAE CAD standards – current at date of scope approval.
- Agendas and Notes for all meetings held under this task.
- List of additional information needed for Part B services.

A3. STANDARDS REVIEW FOR RUNWAY 16R-34L SYSTEM.

- A3.1. CONSULTANT will review existing airfield conditions of the main runway system (RWY 16R/34L, TWYs AA, A1, A2, A3, A4, A5, A6, A7, A8, A8, A9, A10, K1, K6, and K7 and associated design surfaces) against the Airport Layout Plan, the recommendations of the new airport Master Plan, and FAA Advisory Circular 150-5300-13B, and application FAA Engineering Briefs. The objective of this task is to understand and summarize current FAA design standards that may impact the project and project area.
- A3.2. CONSULTANT will study the existing Aircraft fleet mix – summarize the current existing and projected fleet mix operating on the main runway system, identify design aircraft and traffic levels. The objective of this task is to compare and summarize the fleet mix currently operating and expected to operate on the main runway system and any other identified traffic sources.
- A3.3. CONSULTANT will analyze dimensional design standards such as pavement width, edge safety margins, safety areas, object free areas, cross-sectional and longitudinal gradients, primary/transitional surface interaction, and others applicable standards included in FAA Advisory circular 15-5300-13B and applicable FAA Engineering Briefs against the design ADG/TDG identified in the master plan.

- A3.4. CONSULTANT will evaluate existing geometry such as connector taxiway locations and orientations, including implementation of current FAA taxiway fillet requirements and potential hot spots.
- A3.5. CONSULTANT will schedule, conduct and document an existing conditions site visit to evaluate the condition and layout of airfield signage, markings, and electrical fixtures and equipment. A site visit of up to three (3) days is anticipated for up to six (6) staff to conduct this evaluation. A meeting with airport maintenance and the airfield electrician will be included in the site visit. Also included in this task is the evaluation of conversion of runway edge lights (HIRL) to LED and reestablishment of an interleaved system for runway and taxiway edge lighting with recommendations in a brief technical memorandum including class 5 cost estimate for the recommended improvements.
- A3.6. CONSULTANT will develop a Technical Memorandum documenting the outcome and recommendations of the Standards Review Tasks. The memo will include class 5 cost estimates for correcting each standard that does not currently meet FAA requirements. Two (2) draft submittals and one final submittal are anticipated.
- A3.7. CONSULTANT will schedule, prepare an agenda for and participate in up to two (2) all-day standards workshops with COUNTY and FAA staff to discuss the status of all standards for the Runway 16R-34L system and determine which will be corrected and which will be permitting to remain as is. Up to six (6) consultant staff will participate in person at the workshops to be held at County offices. CONSULTANT will prepare meeting notes documenting the outcome of each workshop.
- A3.8. CONSULTANT will develop FAA Modification To Standards (MOS) application for each standard not met that has been identified as either beyond scope or not financially viable for FAA regional review and official approval from FAA. Since the FAA standards that will require MOS are not known, a preliminary budget of 120 hours is established for this task. If additional hours are needed to complete this task, an amendment will be executed to add the needed hours.

Task A3 Deliverables:

- Brief Tech. Memo documenting airfield signage, markings, electrical fixtures and equipment evaluation and conversion of runway/taxiway edge lighting to LED and establishment of interleaving edge light circuits, including class 5 cost estimates (one draft and one final submission is anticipated).

- Technical Memo documenting the FAA Standards Review including class 5 cost estimates (two draft and one final submission is anticipated).
- Agendas and Notes for all meetings held under this task.
- FAA MOS draft for regional review and final versions for approval. (two drafts and one final submissions is assumed).

A4. PROJECT CONCEPTUAL DESIGN AND PHASING ALTERNATIVES

- A4.1. CONSULTANT will develop up to three (3) runway rehabilitation program alternatives to approximately ten (10%) percent complete for further evaluation, presentation and confirmation with the COUNTY, FAA, and other stakeholders (as directed by COUNTY) for the purpose of selection of the preferred alternative to proceed with and develop the 'Proposed Action' for NEPA. These alternatives will cover the entire length of RWY 16R-34L and parallel taxiway system and take into account the data obtained and decisions made in Tasks A2 and A3. The alternatives will be reviewed by the strategic advisor panel during development and prior to formal presentation to the COUNTY or others. It is anticipated that three (3) meetings, held in-person and via MS-Teams, will be held to coordinate this effort with the COUNTY, providing updates as to progress and to receive direction as the alternatives are being developed in addition to the workshops described below. These meetings will include up to six (6) consultant staff and last up to two (2) hours each. Four staff will attend in person and 2 are expected to participate virtually. Each program alternative is expected to include a narrative describing the alternative pros and cons, relative costs (class 5 estimate) and expected construction durations and construction phasing expectations. Each alternative is expected to include up to ten (10) engineering exhibits.
- A4.2. CONSULTANT shall perform a seismic resiliency review of the proposed runway project to evaluate options to increase the resiliency of the main runway/taxiway system and provide recommendations in a brief technical memorandum including class 5 cost estimate for the recommended improvements.
- A4.3. CONSULTANT will conduct up to three (3) full day workshops with Airport and FAA (optional) staff to present the runway rehabilitation program alternatives, evaluate alternatives, collect feedback, and to develop the selected alternative to be further developed into the 'Proposed Action' for the full runway rehabilitation, including prioritized improvements to meet FAA design standards, required project phasing, resolution of known surface and subsurface drainage issues, environmental requirements, scheduling and costs to complete the work. Up to six (6) consultant staff are expected to participate in the workshops to held in-person at either COUNTY offices, FAA SEA ADO or Jacobs local office. The first workshop is intended to develop the alternatives to be considered. The second workshop is intended to present and discuss the alternatives,

collect input and resolve questions as the alternatives are being developed and compared. The third workshop is intended to present and confirm the preferred alternative. A technical memo will be prepared along with a PowerPoint presentation detailing the preferred alternative for formal confirmation prior to development of the conceptual design package which will define the 'Proposed Action' for NEPA consideration (as defined in FAA NEPA Order 1050.1F).

A4.4. Upon selection of the preferred runway rehabilitation program alternative, CONSULTANT will prepare a conceptual (20%) design package consisting of approximately 30 plan sheets; class 5 engineer's cost estimate; preliminary Construction Safety and Phasing Plan (CSPP) and concept design report recommending optimal organization of the work required to rehabilitate RWY 16R-34L, considering:

- Constructability, and efficiency of grouping types and areas of work to be done
- Minimizing impact to airport users by reducing frequency and length of runway closure durations
- Compliance with environmental and permitting requirements
- Feasibility of addressing issues identified by Standards Analysis, including preparation of Modification to Standards documentation if necessary
- Accommodating expected project budgets, considering timing and amounts of Federal grant and local funding sources

Task A4 Deliverables:

- Up to three (3) runway rehabilitation program alternatives to approximately ten (10%) percent complete, include a narrative describing the alternative pros and cons, relative costs (class 5 estimate) and expected construction durations and construction phasing expectations. Each alternative is expected to include up to ten (10) engineering exhibits.
- Brief technical memorandum including class 5 cost estimate for the recommended seismic resiliency improvements (one draft and one final submission are assumed).
- Technical memo and PowerPoint presentation detailing the preferred alternative, 'Proposed Action' for NEPA consideration (as defined in FAA NEPA Order 1050.1F). (two draft and one final submission are assumed).
- Conceptual (20%) Design Package – project plans (~30), preliminary CSPP, class 5 cost estimate and concept design report. (one draft and one final submission are assumed).
- Agendas and Notes for all meetings held under this task.

A5. ENVIRONMENTAL SUPPORT DURING PART A SERVICES

- A5.1. CONSULTANT will support the NEPA environmental process through PART A services by coordinating with COUNTY, FAA, and any other consultants as directed by COUNTY to enable NEPA.
- A5.2. CONSULTANT will prepare an exhibit identifying drainage basins and anticipated Area of Potential Effect (APE) for the entire runway rehabilitation program for a PGIS discussion, early evaluation, and NMFS consultation by FAA. A one (1) hour meeting with FAA Environmental staff at the SEA ADO Offices is expected to review the project APE and stormwater impacts. Three (3) staff will attend the meeting one (1) staff will participate virtually. An additional 16 hours of support time is included in this task to cover follow on information requests and/or revisions.
- A5.3. Attend up to three (3) additional meetings with the airport, FAA and other consultants, as needed to support the work. Each meeting is anticipated to be 1 hour long and will be held in-person at either FAA SEA ADO or Airport with up to 4 staff attending in person.

Task A5 Deliverables:

- Program stormwater exhibit for PGIS/FAA/NMFS coordination.
- Agendas and Notes for all meetings held under this task.

II. Assumptions

1. The Project will qualify for NEPA Categorical Exclusion (CatEx) under FAA. If NEPA support beyond a CatEx or documented CatEx is required, an additional contract will be utilized for this work.
2. The services under this scope are anticipated to be 4- 5 months in duration.
3. Required travel for this contract is as described above in the scope of services. If travel requirements change, CONSULTANT may request additional compensation.
4. The project scope does not include an update to the FAA DBE Plan or DBE Goal or any meetings related to DBE or Civil Rights. If updates to current goals are required, they will be added by subsequent amendment.
5. The project scope does not include any safety risk assessment or safety risk management analysis or meetings. If these tasks are required, they will be added by subsequent amendment.
6. Additional geotechnical investigation such as borings, corings, non-destructive testing or other methods are deferred to Part B services and are not anticipated to be required for Part A services.
7. Subsurface utility investigation, including field investigations, CCTV review of existing drainage facilities, utility locates and coordination with local utility providers (except as specifically discussed in this scope of work) is deferred to Part B services and are not anticipated to be required for Part A

services. COUNTY will perform CCTV or other verification for gravity utilities crossing under RWY 16R-34L.

8. CONSULTANT may reasonably rely upon the accuracy, timeliness, and completeness of the information provided by COUNTY.
9. CONSULTANT will provide CAD drawings in AutoCAD at the conclusion of the work. The CAD files will meet the current PAE CAD Standards at the time of the execution of this AGREEMENT. COUNTY will provide a copy of the current CAD Standards prior to the work starting.
10. Access onto private property will not be needed. Access to leasehold properties will be coordinated by COUNTY. Access to the movement area will be supported by PAE escort.
11. In-person meetings will be conducted as allowed under current public health guidelines in place at the time of the meeting(s). Meetings will be held virtually via MS-Teams, teleconference or similar means if public health guidelines continue to restrict in place meetings.
12. In providing opinions of cost, financial analyses, economic feasibility projections, and schedules for the PROJECT, CONSULTANT has no control over cost or price of labor and materials; unknown or latent conditions of existing equipment or structures that may affect operation or maintenance costs; competitive bidding procedures and market conditions; time or quality of performance by operating personnel or third parties; and other economic and operational factors that may materially affect the ultimate PROJECT cost or schedule. Therefore, CONSULTANT makes no warranty that COUNTY's actual PROJECT costs, financial aspects, economic feasibility, or schedules will not vary from CONSULTANT's opinions, analyses, projections, or estimates. If COUNTY wishes greater assurance as to any element of PROJECT cost, feasibility, or schedule, COUNTY will employ an independent cost estimator, CONSULTANT, or other appropriate advisor.
13. A scope of work and budget will be established for follow-on services under Part B and Part C services for additional data collection, NEPA environmental permitting (CatEx or Documented CatEx level), SEPA and local permitting support, final design, bidding services, construction administration, and project closeout services.

END OF SCHEDULE A – SCOPE OF SERVICES

Schedule B
Compensation

SCHEDULE B - COMPENSATION

Estimated Level of Effort: JACOBS TEAM
Paine Field - Rwy 16R-34L Rehab - Part A Services
4/6/2024

		JACOBS										Jacobs Labor				
Task	Task/Subtask	Quality Manager Manager/ Principal Engineer 8 \$295,000	Senior Advisor/ QA/QC Manager/ Principal Engineer 7 \$287,000	Project Manager Manager/ Principal Engineer 7 \$287,000	Airfield EL Lead Engineer 5 \$240,000	Drainage Design Lead Engineer 5 \$240,000	Design Manager Engineer 5 \$240,000	Standards Review Lead Engineer 5 \$240,000	Airfield Civil Design Lead Engineer 4 \$200,000	Airfield Drainage Engineer Engineer 3 \$170,000	Airfield Design Engineer Engineer 2 \$140,000	CAD Tech Technician 3 \$145,000	SEPA / Local Permitting Lead Environmental/ Airfield Planner 4 \$180,000	Project Admin Administrative Assistant 6 \$170,000	Hours Total	Total
1.1	Per Mass Payment	-4722 \$	-2296 \$	-60271 \$	-1440 \$	-60245 \$	-19285 \$	-8160 \$	-2080 \$	-4930 \$	-	-	-	-	38	512,837
1.2	Project Scoping/Setup (4 mths., 36 hrs)														2	
1.3	Prepare Project Instructions	8		12											4	16
1.4	Prepare Project Safety Plan	8		6											24	8
1.5	FAA Coordination (5 mths., 2 hrs each)			10			15								12	18
1.6	FAA Coordination (5 mths., 2 hrs each)			10											30	30
1.7	Project Meetings (8 mths. mtds) (20 team mths)			12		20		32	20	20					156	60
1.8	Establish Strategic Advisor Panel (incl. Meetings 5)	8		8					8						4	52
1.9	Airport Tenant/Stakeholder Informational Meetings (3 x 2 hrs, 5 staff)			9					9						3	39
1.10	Maintain Project Records and Files			16		12									12	40
	Task Hours	16	8	233	6	26	82	34	49	29	0	0	0	110	593	
2.0	Data Collection				6,000 \$	7,440 \$	15,120 \$	2,880 \$	8,800 \$	5,440 \$	9,520 \$	1,160 \$	2,160 \$	3,060 \$	0	569,891
2.1	Existing Data Collection & Review			4		8		8		8					0	0
2.1.1	Field Data Collection			4		4		4		4					12	4
2.1.2	Field Data Review			4		4		4		4					12	4
2.1.3	Develop List of Additional Info Needed to Complete Part A and B			2		4		4		4					30	30
2.1.4	Tenant Meetings (4 x 2 hrs, 3 staff)			8				8		8					32	32
2.1.5	Collect/Evaluate Info re. Existing Domestic Waterline Crossing			2		2		2		2					20	20
2.1.6	Collect Information/Develop Pavement Classification Ratings (PCR) for Existing Field Data Collection Survey (Basemap)					8		8		8					68	68
2.2	Subcontract Field Survey Subcontractant			5											10	10
2.2.1	Scope incl. 5 (10-hr) field survey mobs; data collection, field data reduction & AutoCAD			5		5		5		5					15	15
2.2.2	Utilize existing subsurface information														25	25
2.2.3	Coordinate with CCR & other utility crossings: information & document findings in field notebook					8		8		8					32	32
2.2.4	Develop Data Collection Plan					8		8		8					20	20
2.2.5															0	0
	Task Hours	0	6	27	25	31	65	12	44	32	68	0	12	18	338	
3.0	Standards Review for Runway 16R-34L System	2,360 \$	10,096 \$	20,664 \$	21,120 \$	3,840 \$	31,200 \$	37,440 \$	20,000 \$	16,800 \$	1,160 \$	9,000 \$	1,160 \$	3,060 \$	0	5174,400
3.1	Review Existing Airfield Conditions of Main Runway System vs ALP			4		4		4		4					20	20
3.2	Fleet Mtr. Review & Study			2		2		2		2					44	44
3.3	Analyze All FAA Dimensional Design Standards			4		8		8		8					142	142
3.4	Review Existing Electrical Specifications (3 mths. 6 staff)			30		30		30		30					228	228
3.5	Evaluate Existing Electrical Specifications (3 mths. 6 staff)			0		64		64		64					140	140
3.6	Tech Memo Documenting Analysis and Recommendations			8		16		16		16					72	72
3.7	Facilitate 2 All-Day Standards Workshops with County & FAA (6 staff)			16		16		16		16					120	120
3.8	Develop FAA Mod to Standards (MDS) as needed (up to 120 hrs)			4		4		4		4					786	786
	Task Hours	8	38	72	88	16	130	156	100	0	120	8	50	0	786	
4.0	Preliminary Design (20%)	8,850 \$	3,444 \$	18,268 \$	24,960 \$	24,960 \$	40,320 \$	36,480 \$	40,000 \$	21,080 \$	17,920 \$	14,500 \$	1,160 \$	3,060 \$	0	529,882
4.1	Develop up to 3 Runway Rehab Program Alternatives up to 10%			24		80		80		80					646	646
4.2	Develop up to 3 Runway Rehabilitation Alternatives up to 10%			24		80		80		80					104	104
4.3	Conduct 3 Full Day Alternative Design Workshops (6 staff)			4		32		32		32					424	424
4.4	Prepare 20% Conceptual Design Package (30 plans, cost estim, CSPP & CIR)			8		24		24		24					0	1186
	Task Hours	30	12	64	104	104	168	152	200	124	128	100	0	0	1186	
5.0	Environmental														64	
5.1	Support FAA NEPA Confirmation			32											48	48
5.2	Prepare drainage base & DPE Exhibit for Full Runway Length			2		8		8		8					9	9
5.3	Attend up to 3 Additional Meetings with Airport, FAA & Env. Consultant			3		3		3		3					0	0
	Task Hours	0	0	37	0	8	3	0	14	4	0	12	43	0	121	
	TOTAL HOURS	54	64	433	223	185	446	354	407	189	316	120	105	128	3024	
	TOTAL COST	15,930 \$	18,368 \$	124,271 \$	53,520 \$	44,400 \$	107,040 \$	86,960 \$	81,400 \$	32,130 \$	44,240 \$	17,400 \$	18,900 \$	21,760 \$	664,319	

SCHEDULE B - COMPENSATION

Estimated Level of Effort: JACOBS TEAM
Paine Field - Rwy 16R-34L Rehab - Part A Services
4/6/2024

Task	Century West Engineering										David Evans & Associates - Survey Firm				
	Vice President / Principal	Sr. Project Manager III / Engineer	Sr. Project Manager II / Engineer	Sr. Project Manager I / Engineer	Project Manager / Engineer	Sr. Project Engineer	Project Engineer	Proj. Coord. / Clerk III	Survey Manager (SVM)	Survey Tech (SVTECH)	2 Person Crew (ADMA)	Admin Support (ADMA)	Hours	\$	Total Labor
1.0 Pre Measurement															
1.1 Prepare Project Instructions															
1.2 Prepare Project Quality Control Plan															
1.3 Prepare Project Safety Plan															
1.4 FAA Coordination (5 mgs.; 2 hrs each)															
1.5 Prepare and submit all proposals															
1.6 Project Meetings (8 hrs total) (20 team mgs.)															
1.7 Establish Strategic Advisor Panel (incl. Meetings) (5)															
1.8 Airport Tenant/Stakeholder Informational Meetings (3 x 2 hrs x 5 staff)															
1.9 Airport Tenant/Stakeholder Informational Meetings (3 x 2 hrs x 5 staff)															
1.10 Maintain Project Records and Files															
Task Hours	0	49	0	40	0	0	0	0	0	0	0	0	0	0	
2.0 Data Collection															
2.1 Existing Data Collection & Review															
2.2 Field Data Collection															
2.1.1 Field Data Collection															
2.1.2 Develop GIS Database Access															
2.1.3 Develop List of Additional Info Needed to Complete Part A and B															
2.1.4 Tenant Meetings (4 x 2 hrs x 3 staff)															
2.1.5 Collect/Evaluate Info re. Existing Domestic Waterline Crossing															
2.1.6 Collect Information/Develop Pavement Classification Ratings (PCR) for Existing Field Data Collection Survey (Basemap)															
2.2 Subcontract Field Survey Subcontractant															
2.2.1 Scope incl. 5 (10-hr) field survey mobs; data collection, field data reduction & AutoCAD															
2.2.2 Utilize existing subsurface information															
2.2.3 Utilize existing CCTV & other utility crossings information & document findings in field notebook															
2.2.4 Develop Data Collection Plan															
2.2.5															
Task Hours	0	8	10	10	0	18	0	0	0	0	0	0	0	46	
3.0 Standards Review for Runway 16R-34L System															
3.1 Review Existing Aired/ Conditions of Main Runway System vs AIP															
3.2 Fleet Mtr. Review & Study															
3.3 Analyze All FAA Dimensional Design Standards															
3.4 Evaluate Existing Electrical System (3 lines & staff)															
3.5 Tech Memo Documenting Analysis and Recommendations															
3.6 Facilitate 2 All-Party Standards Workshops with County & FAA (6 staff)															
3.7 Develop FAA Mod to Standards (MDS) as needed (up to 120 hrs)															
3.8															
Task Hours	0	24	8	146	0	262	0	16	2	458					
4.0 Preliminary Design (20%)															
4.1 Develop up to 3 Runway Rehab Program Alternatives up to 10%															
4.2 Conduct 3 Full Day Alternative Design Workshops (6 staff)															
4.3 Prepare 20% Conceptual Design Package (30 plans, cost estim, CSPP & CIR)															
4.4															
Task Hours	0	46	34	92	0	336	0	240	10	778					
5.0 Environmental															
5.1 Support FAA NEPA Confirmation															
5.2 Prepare Drainage Base & DPE Exhibit for Full Run Length															
5.3 Attend up to 3 Additional Meetings with Airport, FAA & Env. Consultant															
Task Hours	0	127	52	288	0	636	0	244	20	1,379					
TOTAL HOURS	0	127	52	288	0	636	0	244	20	1,379					
TOTAL COST	\$ -	\$ 41,942	\$ 12,806	\$ 66,384	\$ -	\$ 136,582	\$ -	\$ 40,192	\$ 2,720	\$ 306,626	\$ -	\$ -	\$ -	\$ 19,630	

SCHEDULE B - COMPENSATION

Estimated Level of Effort: JACOBS TEAM
Paine Field - Rwy 16R-34L Rehab - Part A Services
4/6/2024

Task	ESA (Environmental Science Associates)				Geotechnical Resources, Inc. (GRI)						ALL		Total Budget Jacobs Labor, Subconsultants & Markup On Subs		
	Senior Principal IV \$ 295,100	Aviation Specialist V \$ 242,250	Hours Total	Total Labor \$ 35,627	Principal \$ 280,009	Associate \$ 247,121	Senior Engineer \$ 247,269	Project Engineer \$ 248,213	Principal Engineer \$ 280,009	Hours Total	Total Labor \$ 50	SUBTOTAL \$ 40,127		Markup on Subs (4%) \$ 1,605	
1.0															
1.1															
1.1.1															
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1.1.4															
1.1.5															
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4.2															
4.3															
4.4															
5.0															
5.1															
5.2															
5.3															
TOTAL HOURS															
TOTAL COST															

Exhibit B-1

**RFQ -24-003BC, Engineering Services,
Paine Field Runway Rehabilitation**

Jacobs Engineering Group Inc. Hourly Rate Table

Valid through 12/31/2026

<u>Category</u>	<u>Hourly Rate (Regular)</u>
Manager/Principal Engineer 8	\$295.00
Manager/Principal Architect	\$293.00
Manager/Principal Engineer 7	\$287.00
Technical Specialist - Engineer 6	\$270.00
Engineer 5	\$240.00
Engineer 4 /Architect	\$200.00
Engineer 3	\$170.00
Engineer 2	\$140.00
Engineer 1	\$125.00
Technician 7	\$220.00
Technician 6	\$200.00
Technician 5	\$185.00
Technician 4	\$165.00
Technician 3	\$145.00
Technician 2	\$125.00
Technician 1	\$105.00
Environmental/Planner 8	\$270.00
Environmental/Planner 7	\$250.00
Environmental/Planner 6	\$220.00
Environmental/Planner 5	\$200.00
Environmental/Planner 4	\$180.00
Environmental/Planner 3	\$160.00
Environmental/Planner 2	\$140.00
Environmental/Planner 1	\$110.00
Admin Assistant 7	\$185.00
Admin Assistant 6	\$170.00
Admin Assistant 5	\$160.00
Admin Assistant 4	\$150.00
Admin Assistant 3	\$120.00
Admin Assistant 2	\$90.00
Admin Assistant 1	\$75.00

Notes

1. Rates above include standard travel expenses and reprographics.
2. All subcontract billing will have a 4% markup.
3. Billing rates shall be adjusted annually starting on 01/01/2027.

Exhibit B-1a

**RFQ -24-003BC, Engineering Services,
Paine Field Runway Rehabilitation**

Century West Engineering (CWE) Hourly Rate Table

Valid through 12/31/2026

<u>Category</u>		<u>Hourly Rate (Regular)</u>
101 Principal	\$	340.75
163 Vice President	\$	340.75
184 Senior Project Manager III	\$	330.25
198 Senior Airport Planner II	\$	250.00
185 Senior Project Manager II	\$	246.25
102 Senior Project Manager	\$	230.50
165 Project Manager II	\$	225.25
112 Senior Airport Planner	\$	214.75
103 Project Manager	\$	214.75
104 Senior Project Engineer	\$	178.00
106 Project Engineer	\$	157.00
133 Civil Designer	\$	160.00
153 Graphic Designer	\$	155.00
142 Senior Technician	\$	155.00
109 Senior CAD Technician	\$	157.00
187 Engineer-in-Training III	\$	151.75
118 Project Coordinator/Clerical II	\$	136.00
195 Engineer-in-Training II	\$	136.00
188 Engineer-in-Training I	\$	120.00
147 Staff Technician	\$	115.00
117 Project Coordinator/Clerical I	\$	110.00
114 Staff Airport Planner	\$	106.60
120 Receptionist	\$	95.00
181 Engineering Intern	\$	90.00

Notes

1. Rates above include standard travel expenses and reprographics.
2. Billing rates shall be adjusted annually starting on 01/01/2027.

Exhibit B-1b

**RFQ -24-003BC, Engineering Services,
Paine Field Runway Rehabilitation**

David Evans & Associates (DEA) Hourly Rate Table

Valid through 12/31/2026

<u>Category</u>	<u>Hourly Rate</u> <u>(Regular)</u>	
Survey Manager (SVYM)	\$	240.00
Senior PLS (SPLS)	\$	175.00
PLS (PLSU)	\$	150.00
Project Surveyor (PSVR)	\$	155.00
Survey Tech (SVTEIII)	\$	140.00
2-Person Crew	\$	235.00
1-Person Crew	\$	140.00
Admin Support (ADMA)	\$	120.00

Notes

1. Rates above include standard travel expenses and reprographics.
2. Billing rates shall be adjusted annually starting on 01/01/2027.

Exhibit B-1c

**RFQ -24-003BC, Engineering Services,
Paine Field Runway Rehabilitation**

Environmental Science Associates (ESA) Hourly Rate Table

Valid through 12/31/2026

<u>Category</u>		<u>Hourly Rate (Regular)</u>
Senior Principal Consultant III	\$	420.00
Senior Principal Consultant II	\$	386.00
Senior Principal Consultant I	\$	352.00
Principal Consultant III	\$	332.00
Principal Consultant II	\$	317.00
Principal Consultant I	\$	300.00
Managing Consultant III	\$	290.00
Managing Consultant II	\$	265.00
Managing Consultant I	\$	249.00
Senior Consultant III	\$	240.00
Senior Consultant II	\$	218.00
Senior Consultant I	\$	204.00
Consultant III	\$	191.00
Consultant II	\$	177.00
Consultant I	\$	162.00
Project Technician III	\$	186.00
Project Technician II	\$	161.00
Project Technician I	\$	135.00

Notes

1. Rates above include standard travel expenses and reprographics.
2. Billing rates shall be adjusted annually starting on 01/01/2027.

Exhibit B-1d

**RFQ -24-003BC, Engineering Services,
Paine Field Runway Rehabilitation**

Geotechnical Resources, Inc. (GRI) Hourly Rate Table

Valid through 12/31/2026

<u>Category</u>		<u>Hourly Rate (Regular)</u>
Principal	\$	360.69
Principal Engineer	\$	360.69
Associate	\$	247.91
Senior Engineer	\$	217.09
Project Engineer	\$	182.15

Notes

1. Rates above include standard travel expenses and reprographics.
2. Billing rates shall be adjusted annually starting on 01/01/2027.

Addendum C

Title VI List of Pertinent Nondiscrimination Acts and Authorities

During the performance of this contract, the Consultant, for itself, its consultants, its subconsultants, its assignees, and successors in interest agrees to comply with the following non-discrimination statutes and authorities, as they may be amended from time to time and which are incorporated herein by reference, including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR part 21 (Non-discrimination In Federally-Assisted Programs of The Department of Transportation—Effectuation of Title VI of The Civil Rights Act of 1964);
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and consultants, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration’s Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 *et seq.*). Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100).