MEMORANDUM TO COUNCIL

To: Mayor and City Council Members
From: Phil Baumgartner, Public Works
Through: Jack Savo, Jr, Acting City Manager
Date: October 6, 2025
Re: RFP – 2025-02 Waterline Extension firm recommendation

SUMMARY:

The City sought and acquired funding for an extension of the current waterline to the airport due to PFAS contamination of water in the Windmill Hill and Airport areas of Dillingham. Subsequently RFP-2025-02 was published to acquire proposals to address this issue. Multiple proposals being received.

The Selection Committee **recommends awarding RFP-2025-02 to Respec Company, LLC** (Respec) and approval of the Service Agreement (Agreement) for Engineering Design Services outlined in RFP No. 2025-02.

PREVIOUS COUNCIL ACTION:

Funding for this project is available pursuant to Resolution 2024-09 adopted on February 1, 2024, and Resolution 2024-47 adopted on November 7, 2024

BACKGROUND:

The project entails extending a new buried watermain from the existing water distribution system to the municipal airport and service lines to homes and businesses. The City's water system, which serves 215 structures, is approximately two (2) miles east of the airport. Due to documented PFAS contamination in the groundwater around the airport, caused by the historical use of PFAS-containing compounds during airport operations, the project will address and mitigate this contamination issue providing clean and safe drinking water to the affected homes and businesses.

DISCUSSION:

In response to the Dillingham PFAS Contamination – Alternative Water Supply Study, dated April 28, 2020, an examination of alternatives was undertaken to provide safe, reliable and regulatory-compliant drinking water to properties served by wells that have been found to have per- and polyfluoroalkyl substance (PFAS) levels exceeding the US Environmental Protection Agency (EPA) lifetime health advisory (LHA) or former State of Alaska Department of Environmental Conservation (DEC) action level.

The City issued RFP (No. 2025-02) for Engineering Desing Services for the Airport Waterline Extension. A Selection Committee was formed to evaluate and recommend the most responsive firm. Three proposals were received. Based on the scoring criteria established in the RFP the firms and their respective scores were Respec, LLC (98.13), PND Engineers, Inc. (86.33) and CRW Engineering Group (84.5). Respec was found to be the highest scoring, most

responsive and most probable to result in accomplishing the goal of this project.

While all three respondents are reputable firms with experience related to the subject matter, Respec was more creative, thoughtful and comprehensive in their approach, their evaluation of variables and providing considerations to unknown potential aspects than the other firms. They were proactive in identifying and assisting in addressing permits, licensing, access, easements, right of ways,

The agreed upon services will provide the City with a Design Analysis Report (DAR) and thirty-five (35%) percent Schematic Design. While the fee structure for this portion of the job is a substantial portion of the overall budgeted amount, this portion is the most labor and field work intensive. The workload moving from 35% to 100% design drawings for construction is largely not field work. Overall costs to reach 100% design drawings and Issued for Construction documents are anticipated to be within the funds allocated.

ALTERNATIVES:

In the absence of efforts made to mitigate the impact of PFAS contamination, the residents and airport of Dillingham will not benefit from the reliability and safety of a managed, treated and regulated public water system.

Small-Scale Water distribution systems were evaluated for the Windmill Hill, Airport Spur, and Airport areas. This option was discounted, citing high system management, operations and management costs, well selection, existing well development, property access, and increased regulatory, legal and licensing requirements. Evaluating, studying and designing multiple independent systems would be time and cost prohibitive.

Additionally, there is no discernible pattern of PFAS contamination with regard to well construction, depth, or casing, and no exhaustive groundwater modelling has been performed. Therefore, it is impossible to predict if a new well will be or whether existing wells will remain free of PFAS contamination

The alternative with the highest likelihood of accomplishing the goal of this project was identified as extending the city's existing water distribution system to the affected areas.

FINANCIAL IMPLICATIONS:

The Airport Waterline Extension overall cost is estimated to be $1.4 million. On review of scope and discussions with Respec it's been determined to break the project into phases. This Phase 1 will cost $895,386.10. It provides thorough evaluation of options which in turn impact the magnitude and cost of the project. Phasing provides timely completion of planning, cost estimation, and timeline toward construction. Budget projections showed marginal progress in FY26 due to delays in the RFP process and seasonal constraints. Should this Resolution be approved on November 6, 2025, given the scope of the Agreement, we expect to complete Phase 1 in FY26. This increases the FY26 budget by $700,000. However, the funding source is a fully forgivable loan. Thereby having a net neutral overall impact on the City's finances. The Fiscal Note is attached.

LEGAL:

The City Attorney has reviewed the Agreement. Which is found acceptable and in compliance with all applicable laws, regulations and ordinances.

STAFF RECOMMENDATION:

It is the recommendation of this committee to award RFP-2025-02 to Respec Company, LLC and approve the Agreement for Engineering Design Services.

PROPOSED MOTION:

MOVE TO ADOPT A RESOLUTION 2025-38 OF THE DILLINGHAM CITY COUNCIL AUTHORIZING THE CITY MANAGER TO AWARD A CONTRACT TO RESPEC FOR PHASE 1 (35% DESIGN) ENGINEERING SERVICES FOR THE AIRPORT WATERLINE EXTENSION PROJECT, RFP 2025-02

1. Authorizes the City Manager to award and execute a professional services contract with RESPEC for Phase 1 (35% design) of the Airport Waterline Extension Project, RFP 2025-02, in an amount not to exceed the negotiated contract sum, subject to legal review and available appropriations.
2. Clarifies that this authorization applies only to Phase 1. Any subsequent phases (65%, 95%, Issued for Construction) and construction administration will require separate Council approval based on information and recommendations provided upon completion of Phase 1.
3. Directs the City Manager to execute all necessary documents to proceed with Phase 1 work and to provide periodic updates to the Council.

CITY MANAGER COMMENTS:

I recommend the approval of Resolution 2025-38. I have observed the process at each step and am confident that the selection made by the committee is the best option for the City of Dillingham.

ATTACHMENTS:

Fiscal Note

Agreement

City of Dillingham
Fiscal Note

Agenda Date: November 6, 2025

Award RESPEC - PFAS Contamination - Engineering and Design of Airport Waterline Extension

ORIGINATOR: Finance Director

FISCAL ACTION (TO BE COMPLETED BY FINANCE)		FISCAL IMPACT	☒ YES	☐ NO
AMOUNT REQUESTED:	$895,386	FUNDING SOURCE **City of Dillingham**		
FROM ACCOUNT 4450 8520 30 61 3022 0	Enginieering & Design	Project Engineering and Design of Airport Waterline Extension		
TO ACCOUNT:	VERIFIED BY: Anita Foran	Date: 10/30/2025		

EXPENDITURES

OPERATING	FY26	FY27	FY28	FY29
Water - Engineering and Design	$ 895,386.00			
TOTAL OPERATING	**$ 895,386.00**	**$ -**	**$ -**	**$ -**

CAPITAL	$ -			

REVENUE	-			

FUNDING

SRF Forgivable Loan	$ 895,386.00	$ -		
TOTAL FUNDING	**$ 895,386.00**	**$ -**	**$ -**	**$ -**

POSITIONS

Full-Time				
Part-Time				

Analysis: (Attach a separate page if necessary) See Resolution 2025-38
If council approves project at November meeting, project can be done by 06/30/2025.. Will Require a budget amendment of $700,000 during Budget Amdment #2.

PREPARED BY: Anita Foran October 30, 2025

DEPARTMENT: Finance

APPROVED BY: _____ _____

Agreement Between RESPEC and City of Dillingham

Airport Waterline Extension

AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES

TABLE OF CONTENTS

AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES

This is an Agreement between **the City of Dillingham** (Owner) and **RESPEC Company, LLC,** a limited liability company organized and existing under the laws of the State of South Dakota with an office located at 3824 Jet Drive, Rapid City, SD, 57703 (Engineer). Owner's Project, of which Engineer's services under this Agreement are a part, is generally identified as **Airport Waterline Extension** (Project). Other terms used in this Agreement are defined in Article 7. Engineer's services under this Agreement are generally identified as **the design of water system extension to serve properties near the airport which have been affected by PFAS contamination.**

Owner and Engineer further agree as follows:

ARTICLE 1—SERVICES OF ENGINEER

1.01 Scope

A. Engineer's services will be detailed in a duly executed Task Order for each Project. Each Task Order will indicate the specific services comprising the Work to be performed and deliverables to be provided. Task Order's may take the form of separate, Project-specific proposals submitted to Owner by Engineer, or may follow a specific Task Order format mutually agreed to by Owner and Engineer.

B. This Agreement is not a commitment by Owner to Engineer to issue any Task Orders.

C. Engineer shall not be obligated to perform any prospective Task Order unless and until Owner and Engineer agree as to the nature, extent, and compensation for a Project, including the specific scope of Engineer's Work, time for performance, basis of compensation for the Work, and all other matters relevant to the Agreement terms and conditions prescribed below.

D. If authorized by Owner, or if required because of changes in the Project, Engineer shall furnish services in addition to those set forth above ("Additional Services").

E. Any change in the Work or Services shall be authorized in writing by a change order as determined by mutual acceptance. Any change to the terms and conditions of this Agreement shall be authorized in writing by an Amendment executed by both Parties.

1.02 Task Order Procedure

A. Owner and Engineer shall agree on the scope, time required for performance, and basis of compensation for each Task Order in writing. Each duly executed Task Order shall be incorporated into and subject to the terms and conditions of this Agreement.

B. Engineer will commence performance as set forth in the Task Order upon execution and notice to proceed by Owner.

C. Engineer shall provide, or cause to be provided, the services set forth in the Task Order.

ARTICLE 2—OWNER'S RESPONSIBILITIES

2.01 Project Information

A. Owner shall provide Engineer with existing Project-related information and data in Owner's possession and required by Engineer for performance of Engineer's Work or Services.

B. Owner shall inform Engineer in writing of any safety or security programs that are applicable to the personnel of Engineer, its Subconsultants and/or Engineer's Subcontractors, as they visit the Site or otherwise perform Work or Services under this Agreement.

C. Owner shall arrange for safe access to and make all provisions for Engineer to enter upon public and private property as required for Engineer to assist or perform Work or Services under this Agreement.

D. Owner shall provide necessary direction and make decisions, including prompt review of Engineer's submittals, and carry out all of Owner's contractual responsibilities and obligations in a timely manner so as not to delay Engineer's performance of its services.

E. Owner shall be responsible for all requirements and instructions that it furnishes to Engineer pursuant to this Agreement, and for the accuracy and completeness of all programs, reports, data, and other information furnished by Owner to Engineer pursuant to this Agreement. Engineer may use and rely upon such requirements, programs, instructions, reports, data, and information in performing or furnishing services under this Agreement or any other Owner-provided information, subject to any express limitations or reservations applicable to the furnished items and the Standard of Care.

F. Owner will be receiving funding for the project costs from the State Revolving Fund. Those funds are subject to the SRF Loan Program requirements. The Owner will provide those requirements to the Engineer so that the design and construction meets those requirements.

ARTICLE 3—SCHEDULE FOR RENDERING SERVICES

3.01 Commencement

A. This Agreement shall be effective and applicable to Task Orders issued hereunder for [one year] from the Effective Date of the Agreement. However, any delays not of the Owner's fault will automatically extend the original one-year term without additional cost to the Owner.

B. The parties may extend or renew this Agreement, with or without changes, by written instrument establishing a new term.

C. If an active Task Order issued prior to the expiration date of the Agreement remains in effect after the expiration date, this Agreement shall remain in effect for the period necessary for Engineer to complete the Work specified under the active Task Order.

3.02 Time for Completion

A. A. The Effective Date of the Task Order and the timeframe(s) for completing the Work, including identification of dates for completion of Project-specific deliverables, will be stated in each Task Order. Engineer is authorized to begin rendering services under a Task Order as of the Effective Date of the Task Order.

B. If, through no fault of Engineer, such periods of time or dates are changed, or the orderly and continuous progress of Engineer's services is impaired, or Engineer's Work or Services are delayed or suspended, then the time for completion of Engineer's Work or Services, and the rates and amounts of Engineer's compensation, will be adjusted equitably.

C. If Owner authorizes changes in the scope, extent, or character of the Project or Engineer's Work or Services, then the time for completion of Engineer's Work or Services, and the rates and amounts of Engineer's compensation, will be adjusted equitably.

D. If Engineer fails, for reasons within reasonable control of Engineer, to complete the performance required in this Agreement within the time set forth, as duly adjusted, then Owner shall be entitled to the recovery of direct damages and reimbursement of funds paid to the extent, if any, resulting from such failure by Engineer.

ARTICLE 4—INVOICES AND PAYMENTS

4.01 Payments

A. Invoices: Engineer shall prepare invoices in accordance with its standard invoicing practices and submit the invoices to Owner on a monthly basis. Invoices are due and payable within 30 days of receipt or within 21 calendar days of the date the Owner actually receives the reimbursement from the State of Alaska, whichever is later. If Owner fails to make any payment due Engineer for Work or Services and expenses within 30 days after Owner's receipt of Engineer's invoice, then Engineer may, after giving seven (7) days' written notice to Owner, suspend its Work or Services under this Agreement until Engineer has been paid in full all amounts due for Work or Services, expenses, and other related charges. Owner waives any and all claims for damages or delay against Engineer for any such suspension.

B. Payment: As compensation for Engineer providing or furnishing Work or Services, Owner shall pay Engineer as set forth in Paragraph 4.02 and/or 4.03 below.

C. Annual Rate Escalation: the Standard Hourly Rates and Reimbursable Expenses Schedule shall be adjusted annually beginning January 1st, 2027, to reflect equitable changes in the compensation payable to Engineer.

D. Disputed Invoices: If Owner disputes an invoice, either as to amount or entitlement, then Owner shall promptly advise Engineer in writing of the specific bases for doing so, may withhold only that portion so disputed, and must pay the undisputed portion subject to the terms of Article 4.

E. Sales or Use Taxes: If after the Effective Date any governmental entity takes an action that imposes additional sales or use taxes on Engineer's Work or Services or compensation under this Agreement, then Engineer may invoice such additional

sales or use taxes for reimbursement by Owner. Owner shall reimburse Engineer for the cost of such invoiced additional sales or use taxes; such reimbursement will be in addition to the compensation to which Engineer is entitled.

4.02 Basis of Payment—Lump Sum with Progress or Milestone Payments

A. Owner shall pay Engineer for Services as follows:

1. The portion of the compensation amount billed monthly for Engineer's Services will be based upon Engineer's estimate of the percentage of the total Work or Services actually completed during the billing period, or upon mutually agreed milestone payments prescribed in Engineer's scope of Work or Services and associated Task Orders (Appendix A).

4.03 Basis of Payment—Hourly Rates Plus Reimbursable Expenses (Time & Expense)

A. Owner shall pay Engineer for Work or Services as follows:

1. An amount equal to the cumulative hours charged to the Project by each class of Engineer's employees times standard hourly rates for each applicable billing class, plus reimbursement of expenses incurred in connection with providing the Work or Services and Engineer's consultants' charges, if any, as prescribed in Engineer's scope of Work or Services and associated Task Orders (Appendix A).

4.04 Additional Services: For Additional Work or Services, Owner shall pay Engineer an amount equal to the cumulative hours charged in providing the Additional Work or Services by each class of Engineer's employees, times standard hourly rates for each applicable billing class; plus reimbursement of expenses incurred in connection with providing the Additional Work or Services and Engineer's consultants' charges, if any. Engineer's standard hourly rates are provided in Engineer's Proposal (Appendix A). Engineer shall provide Owner an estimate of Additional Work or Services upon request and in accordance with mutually agreed work or services scope and schedule.

ARTICLE 5—OPINIONS OF COST

5.01 Opinions of Probable Construction Cost

A. Engineer's opinions of probable Construction Cost (if any) are subject to the Standard of Care and to be made on the basis of Engineer's experience, qualifications, and general familiarity with the construction industry. However, because Engineer has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, Engineer cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by Engineer. If Owner requires greater assurance as to probable Construction Cost, then Owner agrees to obtain an independent cost estimate.

B. "Construction Cost" means the cost to Owner of the construction of those portions of the entire Project designed or specified by or for Engineer under this Agreement, including construction labor, services, materials, equipment, insurance, and bonding costs, and allowances for contingencies. Construction Cost does not include costs of

Work or Services of Engineer or other design professionals and consultants; cost of land or rights-of-way, or compensation for damages to property; Owner's costs for legal, accounting, insurance counseling, or auditing services; interest or financing charges incurred in connection with the Project; or the cost of other work or services to be provided by others to Owner.

ARTICLE 6—GENERAL CONSIDERATIONS

6.01 Standards of Performance

A. Standard of Care: The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. Engineer perform its services as expeditiously as is consistent with such professional skill and care and the orderly progress of the Project.

1. For Engineer's performance of non-professional construction work, if applicable, Engineer shall comply with all applicable construction industry standards.

B. Technical Accuracy: Owner shall not be responsible for discovering deficiencies in the technical accuracy of Engineer's services. Engineer shall correct deficiencies in technical accuracy without additional compensation, unless such corrective action is directly attributable to deficiencies in Owner-furnished information.

C. Engineer's Subcontractors and Subconsultants: Engineer may retain such Engineer's Subcontractors and Subconsultants as Engineer deems necessary to assist in the performance or furnishing of the services, subject to reasonable, timely, and substantive objections by Owner.

D. Reliance on Others: Subject to the standard of care set forth in Paragraph 6.01.A, Engineer may use or rely upon design elements and information ordinarily or customarily furnished by others, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards.

E. Engineer shall not at any time supervise, direct, control, or have authority over any Constructor's work, nor will Engineer have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, or the safety precautions and programs incident thereto, for security or safety at the Site, nor for any failure of a Constructor to comply with Laws and Regulations applicable to that Constructor's furnishing and performing of its work. Engineer shall not be responsible for the acts or omissions of any Constructor.

F. Engineer neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish and perform its Work.

G. While at the Site, Engineer, its Subconsultants, and Engineer's Subcontractors, and their employees and representatives will comply with the applicable requirements of Contractor's and Owner's safety programs of which Engineer has been informed in writing.

6.02 Ownership and Use of Documents

A. All documents and deliverables such as drawings, specifications, data, reports, models, whether printed or in electronic form ("Documents") are instruments of service, and Engineer owns the Documents, including all associated copyrights and the right of reuse at the discretion of the Engineer, subject to the following provisions:

1. Any works or materials previously and/or independently created by Engineer or any of its Subconsultants (as defined below) contained or embodied in the Work Product shall continue to be owned by the Engineer. Engineer shall own (i) its working papers and (ii) any general skills, know-how, expertise, ideas, concepts, methods, technique processes, software, materials or other intellectual property which may have been discovered, created, received, or developed by Engineer either prior to or as a result of performing the services hereunder (collectively, "Background Materials"). Engineer shall grant Owner a non-exclusive, non-transferable license to use Background Materials for its own internal use and only for the purposes for which they are delivered to the extent they form part of a deliverable but only with respect to this Project. Notwithstanding anything to the contrary in this Agreement, Engineer and its personnel are free to use and employ their general skills, know-how, and expertise, and to use, disclose, and employ any generalized ideas, concepts, know-how, methods, techniques or skills gained or learned during the course of this Agreement so long as they acquire and apply such information without any unauthorized use or disclosure of confidential or proprietary information of Owner.

2. Upon receipt by Engineer of full payment due and owing for all services relating to preparation of the Documents, Engineer will issue to Owner a royalty-free, nonexclusive and irrevocable license to use such Background Materials but only for this Project or for any extension of this Project.

3. Owner acknowledges that the Documents are not intended or represented to be suitable for use on the Project unless completed by Engineer, or for use or reuse by Owner or others on extensions of the Project, on any other project, or for any other use or purpose, without written verification or adaptation by Engineer.

4. Any such use or reuse, or any modification of the Documents, without written verification, completion, or adaptation by Engineer, as appropriate for the specific purpose intended, will be at Owner's sole risk and without liability or legal exposure to Engineer or to its officers, directors, members, partners, agents, employees, and Consultants.

5. Owner shall indemnify, defend and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and Subconsultants from all claims, damages, losses, and expenses, including attorneys' fees, arising out of or resulting from any use, misuse, reuse, or modification of the Documents without written verification, completion, or adaptation by Engineer.

6. Such limited license to Owner shall not create any rights in third parties.

B. Engineer will obtain Owner's consent, which consent will not be unreasonably withheld, prior to releasing any publicity, including news and press releases, promotional publications, award and prize competition submittals, and other advertising regarding the subject matter of this Agreement. Nothing herein will limit the Engineer's right to include information in statements of qualifications and proposals to others accurately describing its participation and participation of employees in the Project.

6.03 Confidentiality

A. Engineer will not disclose any confidential or proprietary information of Owner as identified in writing unless authorized by Owner to do so. Notwithstanding the foregoing, Engineer may disclose "confidential" or "business proprietary" information after 7 days' notice to the other party, when required by law, arbitrator's order, or court order, including a subpoena or other form of compulsory legal process issued by a court or governmental entity, or to the extent such information is reasonably necessary for Engineer to defend itself in any dispute. Engineer may also disclose such information to its employees, officers, agents, consultants, Subconsultants or contractors in order to perform Work or Services solely and exclusively for the Project, provided those employees, officers, agents, consultants, Subconsultants and contractors are subject to the restrictions on the disclosure and use of such information. Engineers' employees, officers, agents, consultants, Subconsultants and contractors will also be bound to this same obligation.

B. Engineer will not release any information to third parties or make any public statements about this Project without Owner's express written consent, which consent shall not be unreasonably withheld. It is hereby agreed that the following information is not considered to be confidential under this Agreement:

1. Information already in the public domain;
2. Information disclosed to Engineer by a third party who is not under a confidentiality obligation;
3. Information developed by or in the custody of Engineer before entering into this Agreement;
4. Information developed by Engineer solely through its work with its other clients; or
5. Information required to be disclosed by operation of law, including but not limited to, order of court or governmental agency.

6.04 Insurance

A. During the term of the Agreement, Engineer shall secure and maintain, at its own expense, Workers' Compensation insurance coverage for its employees performing the Work in accordance with statutory limits applicable to the State wherein the Work is completed. In addition, during the term of the Agreement, Engineer shall procure and maintain General Liability, Automobile Liability and Professional Liability insurance at the limits and coverages specified below:

1. General Liability coverage shall be $1,000,000 per occurrence, and $2,000,000 in aggregate. General Liability coverage shall include primary contractual

liability, personal injury, death, damage to property, and destruction of property.

2. Automobile Liability coverage shall be $1,000,000.

3. Professional Liability coverage shall be $1,000,000 per claim and $1,000,000 in aggregate. Professional Liability insurance shall be "claims made."

4. Certificates of Insurance (COI) will be furnished to Owner and shall specify that insurance will not be canceled without minimum ten (10) days prior written notice to the primary insured.

B. Engineer shall cause Owner to be listed as additional insureds on Engineer's commercial general liability, automobile liability, and umbrella or excess liability policies.

C. To the extent damages are covered by property insurance, Owner and Engineer waive all rights against each other and against the contractors, consultants, agents, and employees of the other, for damages, except such rights as they may have to the proceeds of such insurance as set forth in this Agreement. Owner or Engineer, as appropriate, shall require of the contractors, consultants, agents, and employees of any of them, similar waivers in favor of the other parties enumerated herein.

6.05 Suspension and Termination

A. Suspension

1. By Owner: Owner may suspend Engineer's services for up to 90 days upon 7 days' written notice to Engineer.

2. By Engineer: Engineer may, after giving 7 days' written notice to Owner, suspend services under this Agreement if Owner has failed to pay Engineer for invoiced services and expenses, as set forth in Article 4.

B. Termination for Cause

1. Either Party may terminate the Agreement for cause upon 30 days' written notice in the event of substantial failure by the other Party to perform in accordance with the terms of the Agreement, through no fault of the terminating party.

C. Termination for Convenience: Owner may terminate this Agreement for convenience upon no fewer than fourteen (14) days' written notice to Engineer.

D. Payments Upon Termination: In the event of any termination under Paragraph 6.05, Engineer will be entitled to invoice Owner and to receive full payment for all Work or Services performed or furnished in accordance with this Agreement and all reimbursable expenses incurred through the effective date of termination. Upon making such payment, Owner will have the limited right to the use of Documents, at Owner's sole risk, subject to the provisions of Paragraph 6.02.

6.06 Dispute Resolution

A. Owner and Engineer shall resolve all disputes in the following manner:

1. Owner and Engineer agree to negotiate all disputes between them in good faith for a period of 30 days from the date of notice, prior to invoking mediation.

2. Owner and Engineer agree that they shall first submit any and all unsettled claims, counterclaims, disputes, and other matters in question between them arising out of or relating to this Agreement or the breach thereof ("Disputes") to mediation. Owner and Engineer agree to participate in the mediation process in good faith with a mutually agreed mediator. The Parties shall equally share all fees and costs of mediation. The process will be conducted on a confidential basis, and must be completed within 120 days.

3. If the Parties fail to resolve a Dispute through negotiations under Paragraph 6.06.A.1 or mediation under Paragraph 6.06.A.2, then the dispute shall be litigated in a court of competent jurisdiction.

6.07 Controlling Law; Venue

A. This Agreement is to be governed by the Laws and Regulations of the state in which the Project is located.

B. Venue for any exercise of rights at law will be a court of competent jurisdiction in the state in which the Project is located.

6.08 Indemnification and Limitation of Liability

A. Indemnification by Engineer: To the fullest extent permitted by Laws and Regulations, Engineer shall indemnify and hold harmless Owner, and Owner's officers, directors, members, partners and employees, from losses, damages, and judgments (including reasonable consultants' and attorneys' fees and expenses) arising from third-party claims or actions relating to the Project, provided that any such claim, action, loss, damages, or judgment is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), but only to the extent caused by the negligence of Engineer or others for whom Engineer is legally liable.

B. Indemnification by Owner: To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and Subconsultants, and Engineer's Subcontractors, from and against any and all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court, arbitration, or other dispute resolution costs) arising out of or relating to the Project, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death or to injury to or destruction of tangible property (other than the Work itself), but only to the extent caused by the negligence of Owner or others for whom Owner is legally liable.

C. No Defense Obligation: The indemnification commitments in this Agreement do not include a defense obligation by the indemnitor.

D. Percentage Share of Negligence: To the fullest extent permitted by Laws and Regulations, a party's total liability to the other party and anyone claiming by, through, or under the other party for any cost, loss, or damages caused in part by the negligence of the party and in part by the negligence of the other party or any other negligent entity or individual, will not exceed the percentage share that the party's negligence bears to the total negligence of Owner, Engineer, and all other negligent entities and individuals.

E. Reserved.

F. Limitation of Liability: Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by Laws and Regulations, the total liability, in the aggregate, of either party or their respective officers, directors, members, partners, agents, employees, Sub-subconsultants, and any others for whom the party is legally liable, to the other party and to anyone claiming by, through, or under the party for any and all claims, losses, costs, or damages whatsoever (including, but not limited to, direct, indirect, special, incidental, punitive, exemplary, or consequential damages) arising out of, resulting from, or in any way related to the Project or the Agreement from any cause or causes, including, but not limited to, negligence, strict liability, breach of contract, indemnity obligations, or warranty express or implied, (the "Claim") will be limited to (1) the fees paid and/or due and payable under a Scope of Work or Services under this Agreement if the Claim is not covered by an insurance policy required by this Agreement, or (2) if the Claim is covered by an insurance policy required by this Agreement, the amount that the insurer(s) is obligated to pay or indemnify under a policy required by this Agreement..

6.09 Records Retention

A. Engineer shall maintain on file in legible form, for a period of five years following completion or termination of its services, or such other period as required by Laws and Regulations, all Documents, records (including cost records), and design calculations related to Engineer's services or pertinent to Engineer's performance under this Agreement. Upon Owner's request and upon reasonable notice, Engineer shall provide a copy of any such item to Owner at Owner's cost.

6.10 Miscellaneous Provisions

A. Notices: Any notice required under this Agreement will be in writing, and delivered: in person (by commercial courier or otherwise); by registered or certified mail; or by e-mail to the recipient with an email receipt, with the words "Formal Notice" or similar in the e-mail's subject line. All such notices are effective upon the date of receipt.

B. Survival: Subject to applicable Laws and Regulations, the Standard of Care and all express representations, waivers, indemnifications, and limitations of liability included in this Agreement will survive its completion or termination for any reason.

C. Severability: Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations will be deemed stricken, and all remaining provisions will continue to be valid and binding upon Owner and Engineer as long as the remaining terms reflect the Parties' intent in entering into the Agreement.

D. No Waiver: A party's non-enforcement of any provision will not constitute a waiver of that provision, nor will it affect the enforceability of that provision or of the remainder of this Agreement.

E. Cybersecurity: Engineer agrees to maintain industry standard safeguards and controls within its information technology infrastructure, systems and network (collectively, "IT Systems"), to protect against cybersecurity incidents (including, but not limited to, incidents affecting the confidentiality, integrity, or availability of IT Systems and any Owner data they contain) and to prevent third parties from gaining

unauthorized access to Engineer's IT Systems or impersonating its IT Systems. Engineer agrees to provide immediate notification providing reasonable detail to Owner after Engineer becomes aware or reasonably should be aware of an actual or attempted breach or impersonation of its IT Systems. Engineer waives any claims against and agrees to indemnify and hold Owner harmless from and against, any and all damages, losses, costs, expenses, fines, penalties or claims, including reasonable attorney fees and costs to notify and protect affected individuals or entities, arising from or related to a breach or impersonation of Engineer's IT Systems or any breach of Owner's IT Systems caused by Engineer's failure to satisfy these cybersecurity requirements.

F. Neither Party shall assign, sublet or transfer any rights under or interest (including, but not limited to, claims arising out of this Agreement or money that is due or may become due) in this Agreement without the written consent of the other party, except to the extent that any assignment, subletting, or transfer is mandated by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.

G. With respect to any decisions and/or determinations that Engineer is required to make or render under this Agreement, as long as Engineer makes such decisions and/or determinations in good faith, such decisions and/or determinations shall not give rise to any responsibility or liability of Engineer to Owner or Contractors or others claiming by, through or on behalf of them.

H. If Owner requests Engineer to execute consents reasonably required to facilitate assignment to a lender, Engineer shall execute all such consents that are consistent with the Agreement, provided the proposed consent is submitted to Engineer for review at least 14 days prior to execution. Engineer shall not be required to execute certificates or consents that would require knowledge, Services or responsibilities beyond the scope of this Agreement.

I. Accrual of Claims: To the fullest extent permitted by Laws and Regulations, all causes of action arising under this Agreement will be deemed to have accrued, and all statutory periods of limitation will commence, no later than the date of Substantial Completion; or, if Engineer's services do not include Construction Phase services, or the Project is not completed, then no later than the date of Owner's last payment to Engineer.

ARTICLE 7—DEFINITIONS

7.01 Defined Terms

A. Wherever used in this Agreement (including the exhibits hereto) terms (including the singular and plural forms) printed with initial capital letters have the meanings indicated in the text above, in the exhibits, or in the following definitions:

1. Agreement—This written contract for professional services between Owner and Engineer, including all exhibits identified in Paragraph 8.01 and any duly executed amendments.

2. Constituents of Concern—Asbestos, petroleum, radioactive materials, polychlorinated biphenyls (PCBs), lead-based paint (as defined by the HUD/EPA standard), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to Laws and Regulations regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.

3. Constructor—Any person or entity (not including the Engineer, its employees, agents, representatives, or Subconsultants, or Engineer's Subcontractors), performing or supporting construction activities relating to the Project, including but not limited to Contractors, Subcontractors, suppliers, Owner's work forces, utility companies, other contractors, construction managers, design-builders, testing firms, shippers, and truckers, and the employees, agents, and representatives of any or all of them.

4. Contractor—The entity or individual with which Owner enters into a Construction Contract.

5. Engineer—The individual or entity named as such in this Agreement.

6. Effective Date – The date indicated in this Agreement on which it becomes effective, but if no such date is indicated, the date on which this Agreement is signed and delivered by the last of the parties to sign and deliver.

7. Engineer's Subcontractor—An individual, firm, vendor, or other entity having a contract with Engineer to furnish general services, equipment, or materials with respect to the Project as an independent contractor.

8. Laws and Regulations; Laws or Regulations—Any and all applicable laws, statutes, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.

9. Owner—The individual or entity named as such in this Agreement and for which Engineer's services are to be performed.

10. Project—The total undertaking to be accomplished for Owner by engineers, contractors, and others, including planning, study, design, construction, testing, commissioning, and start-up, and of which the services to be performed or furnished by Engineer under this Agreement are a part.

11. Services – Any and all Professional Services performed by Engineer under this Agreement, which include, but are not limited to, professional service or creative work requiring engineering education, training and experience and the application of special knowledge of the mathematical, physical and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design and supervision of construction for the purpose of assuring compliance with specifications and design in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works or projects. A registered professional engineer may do such architectural work as is incidental to his work, nor shall it include the practice of land surveying, except that a registered professional engineer qualified in the branch of civil engineering may perform land surveying incidental to his

engineering work for locating or relocating any of the fixed works embraced within the practice of civil engineering excluding property line determination.

12. Site—Lands or areas to be indicated in the Construction Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements, and such other lands furnished by Owner which are designated for the use of Contractor.
13. Subconsultant—An individual, design firm, consultant, or other entity having a contract with Engineer to furnish professional services with respect to the Project as an independent contractor.
14. Subcontractor—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work.
15. Work—Any and all work that Engineer performs under this Agreement that is not defined as Professional Services.

ARTICLE 8—EXHIBITS AND SPECIAL PROVISIONS

8.01 Exhibits to Agreement

The following exhibits are incorporated by reference and included as part of this Agreement:

A. Exhibit A, Engineer's Services.

8.02 Total Agreement

A. This Agreement (which includes the exhibits listed above) constitutes the entire contractual agreement between Owner and Engineer and supersedes all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a written instrument duly executed by both parties.

8.03 Designated Representatives

A. With the execution of this Agreement, Engineer and Owner shall each designate a specific individual to act as representative under this Agreement. Such an individual must have authority to transmit instructions, receive information, and render decisions with respect to this Agreement on behalf of the party that the individual represents. The following personnel are hereby authorized to act as official representatives under this Agreement:

Owner's Delegated Representative	Engineer's Delegated Representative
Christopher Maines PO Box 889 Dillingham, AK 99576 907-843-0466 Planner@Dillinghamak.us	Luke Rubalcava [2700 Gambell St, Suite 500 Anchorage, AK 99503 907-630-0092 Luke.Rubalcava@RESPEC.com

8.04 Engineer's Certifications

A. Engineer certifies that it has not engaged in corrupt, fraudulent, or coercive practices in competing for or in executing the Agreement. For the purposes of this Paragraph 8.04:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the selection process or in the Agreement execution;

2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the selection process or the execution of the Agreement to the detriment of Owner, or (b) to deprive Owner of the benefits of free and open competition;

3. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the selection process or affect the execution of the Agreement.

This Agreement's Effective Date is **November 7, 2025**

Owner:		Engineer:	
_____		_____	
(name of organization)		(name of organization)	
By:	_____	By:	_____
	(individual's signature)		(individual's signature)
Date:	_____	Date:	_____
	(date signed)		(date signed)
Name:	_____	Name:	_____
	(typed or printed)		(typed or printed)
Title:	_____	Title:	_____
	(typed or printed)		(typed or printed)

Exhibit A- Engineer's Services

Task 1- Design Analysis and 35% Design

-Statement of Services
-Fee for Task 1 Services
-RESPEC Standard Rates
-Sub-consultant- Shannon and Wilson
-Sub-consultant- HMS

STATEMENT OF SERVICES

DILLINGHAM AIRPORT WATERLINE EXTENSION

OCTOBER 2025

RESPEC

AIRPORT WATERLINE EXTENSION
DILLINGHAM, ALASKA

The City of Dillingham (CLIENT) has requested that RESPEC Company, LLC (ENGINEER) provide a design analysis report and 35% schematic design. This is Task 1 of the overall project to construct the extension of their water system to service properties near the airport that have had their groundwater contaminated with PFAS.

The major objective of this first Task is to determine the proposed route for the water main as well as to assess the condition and capacity of the overall water system any necessary upgrades to provide water to the additional customers.

1.0 PROJECT SCOPE SUMMARY

This Statement of Services details the scope to be provided by RESPEC Company, LLC (ENGINEER or RESPEC).

1.1 OVERALL SCOPE OF WORK

1. Identify proposed pipe route.
2. Identify water system improvements or verify that the condition and capacity of various components are adequate to support the system over the next 50 years.
3. Provide Topographic Survey, Site control, and Land Status for the project vicinity.
4. Provide Geotechnical Investigation of the proposed route.
5. Provide Environmental Review and identify necessary permits. Note a wetlands delineation will be needed but due to the project schedule it is recommended to provide at 65% design stage. This work needs to be completed between May and September during the active growing season.
6. Provide Preliminary Design Analysis Report
7. Provide 35% Schematic Design Documents.

2.0 ENGINEERING REQUIREMENTS

Upon this Agreement becoming effective, the ENGINEER shall perform the tasks:

2.1 PRE-DESIGN PLANNING

- Review previous studies and drawings of the Dillingham water system.
- Collaborate with the design team during weekly meetings and update the Client on progress.
- Develop route alternatives starting with the routes identified during the proposal presentation. Identifying the pros and cons and then recommending the best option to carry forward with the topographic survey and geotechnical investigation.
- Coordinate with ADOT for ROW criteria that will need to be incorporated into the design.

- Coordinate with Aviation Group for specific properties that will be served by the project and any specific criteria that need to be met.
- Estimate water demands for the near-term water customers as well as the anticipated long-term customers.
- Verify water system condition and capacity to support the extension and determine what improvements may be necessary.
- Travel to Dillingham and meet with the Owner representatives, including the City Public Works Director, water system operator and individuals that can contribute to the project understanding. Tour existing water system and proposed routes for the extension. Identify properties to be connected to the water system.
- Identify permits, timelines and associated fees that will be required. These will be presented in a matrix. Note that if cultural resources study is required, an amendment will be requested.
- Develop Design Narrative to summarize design criteria, proposed route, and summarize water system demands, capacity, condition and ability to support the expansion.

2.2 35% SCHEMATIC DESIGN

- Provide topographic survey and site control map for the proposed route.
- Develop a sampling and analysis plan and coordinate with ADEC for acceptance.
- Conduct geotechnical boring investigation and soil sampling to verify potential contamination. We anticipate 34 borings drilled generally to a depth of 15 feet with 30 foot borings on either site of Scandinavian Creek. See Shannon and Wilson's proposal for additional details.
- Collaborate with the design team in weekly meetings and update the client.
- Develop General Sheets (Title, Index, Notes, Legend) for the drawing package.
- Develop key maps of the plan and proposal sheets.
- Coordinate with ADOT on alignment within Right of Way and at stream crossing.
- Develop plan and profile sheets (15 sheets).
- Develop site plan for pumphouse.
- Develop floor plan for pumphouse along with major details (wall, foundation, and roof).
- Develop water model and perform system flow/pressure calculations.
- Size and select basis of design pumps and chlorination equipment.
- Size and select ventilation and heating equipment for the pumphouse building.
- Develop design narrative to summarize all the design criteria along with the results of the geotechnical and environmental review outcomes. This will include a description of the proposed improvements.
- Develop a table of contents for the technical specifications.
- Meet with ADEC drinking water group to provide them with a project overview and discuss any concerns that they may have.
- Provide construction cost estimate.

3.0 ASSUMPTIONS

1. The total price does not include additional labor and expenses from the schedule being delayed by the OWNER.
2. We are including costs for design of a pumphouse for boosting the pressure in the main to support the water system extension. We have not included the schematic design of any additional improvements (well, water treatment, or storage). If those are needed, we will provide a cost proposal before conducting the design.
3. Since an Environmental review has not yet been conducted, it is unknown what conditions exist. There will likely need to be a Cultural Resources Study conducted and a wetlands delineation. We feel comfortable with those being conducted at the 65% stage of the project.
4. Topographic survey will be completed during snowfree conditions.

4.0 OWNER RESPONSIBILITIES

1. Provide previous studies and record drawings for condition assessment.
2. Access to all portions of the buildings associated with the water system for conductance of on-site investigation.
3. Provide review and comments on milestone submittals.

5.0 SCHEDULE

The schedule for the project is as follows, or to be determined, pending coordination with the OWNER:

1.	Notice-to-Proceed:	November 7, 2025
2.	Design Analysis Report	January 23, 2026
3.	35% Schematic Design	May 22, 2026

6.0 METHOD OF PAYMENT

The Consultant will perform the services on a lump sum basis for $895,386.10. See attachment for additional information.

END OF STATEMENT OF SERVICES

	Phase	Project Management	Civil	Structural	Mechanical	Electrical	Survey	ODCs	Shannon and Wilson	HMS	Subconsultant Total	Subconsultant Markup	Total
1	#200 - Pre-Design/Planning	$12,510.00	$30,895.00	$7,465.00	$20,935.00	$3,935.00	$22,420.00	$32,344.00			$0.00	$0.00	$130,504.00
2	#410 - Schematic Design (35%)	$12,120.00	$61,290.00	$17,135.00	$22,885.00	$9,865.00	$87,340.00	$0.00	$494,227.00	$9,634.00	$503,861.00	$50,386.10	$764,882.10
	Subtotal	**$24,630.00**	**$92,185.00**	**$24,600.00**	**$43,820.00**	**$13,800.00**	**$109,760.00**	**$32,344.00**	**$494,227.00**	**$9,634.00**	**$503,861.00**	**$50,386.10**	**$895,386.10**
	Total												**$895,386.10**

Phase

#200 - Pre-Design/Planning	Senior Project Manager	Tech Editor	Hourly Subtotal	Cost
Billing Rate	$255.00	$135.00		
Task			0	$0.00
Review Previous Studies and Mapping	4		4	$1,020.00
Coordinate with Dillingham	4		4	$1,020.00
Develop Memo to summarize Existing Capacity and Conditions as well as Route Options	8		8	$2,040.00
Visit Dillingham (Travel and Time Onsite)	16		16	$4,080.00
Conduct Weekly Meetings and Coordinate with Design Team	6		6	$1,530.00
Coordinate with Survey, Geotech and Environmental	6		6	$1,530.00
Outline and draft general sections of design narrative	4	2	6	$1,290.00
			0	$0.00
Hourly Subtotal	48	2	50	
Phase Cost	$12,240.00	$270.00		$12,510.00

Phase

#410 - Schematic Design (35%)	Senior Project Manager	Tech Editor	Hourly Subtotal	Cost
Billing Rate	$255.00	$135.00		
Task			0	$0.00
Coordinate with Surveyors	1		1	$255.00
Coordinate with Geotech Engineer	2		2	$510.00
Lead weekly meetings	16		16	$4,080.00
Work with Production Team to develop Sheet Set/Boarder/Standards	4		4	$1,020.00
Coordinate with ADOT	4		4	$1,020.00
Develop TOC for tech specs	4		4	$1,020.00
Meet with ADEC	4		4	$1,020.00
Coordinate with Estimator	4		4	$1,020.00
QA/QC	6		6	$1,530.00
Present proposed plan to Dillingham City Council	2	1	3	$645.00
			0	$0.00
Hourly Subtotal	47	1	48	
Phase Cost	$11,985.00	$135.00		$12,120.00

Phase	1

#200 - Pre-Design/Planning	Principal Eng	Senior Civil Eng	Civil EIT	Senior Eng Tech	Hourly Subtotal	Cost
Billing Rate	$265.00	$230.00	$135.00	$150.00		
Task					0	$0.00
Review Previous Studies and Mapping	2	8			10	$2,370.00
Attend Weekly Meetings		12			12	$2,760.00
Develop Route Alternatives	3	6	6	12	27	$4,785.00
Coordinate with ADOT		10			10	$2,300.00
Coordinate with Aviation Group		20			20	$4,600.00
Summarize Pros and Cons of Routes		6			6	$1,380.00
Estimate Water Demands		2			2	$460.00
Verify System Condition/Capacities		4			4	$920.00
Coordinate with Design Team		24			24	$5,520.00
Visit Dillingham (Travel and Time Onsite)		16			16	$3,680.00
Develop Design Narrative						
QA/QC	8				8	$2,120.00
					0	$0.00
Hourly Subtotal	13	108	6	12	139	
Cost	$3,445.00	$24,840.00	$810.00	$1,800.00		$30,895.00

Phase	2

#410 - Schematic Design (35%)	Principal Eng	Senior Civil Eng	Civil EIT	Senior Eng Tech	Hourly Subtotal	Cost
Billing Rate	$265.00	$230.00	$135.00	$150.00		
Task					0	$0.00
Coordinate with Surveyors		4			4	$920.00
Coordinate with Geotech Engineer		4			4	$920.00
Participate in weekly meetings		12			12	$2,760.00
Develop General Sheets (Title, Index, Notes, Legend)			8	8	16	$2,280.00
Develop Key Maps			10	10	20	$2,850.00
Coordinate with ADOT on alignment and stream crossing		20			20	$4,600.00
Develop Plan and Profile Sheets (15 sheets)			120	120	240	$34,200.00
Develop Site Plan for Pumphouse		8		8	16	$3,040.00
Develop design narrative		6			6	$1,380.00
Develop TOC for tech specs		4			4	$920.00
Meet with ADEC	2				2	$530.00
Coordinate with Estimator	6				6	$1,590.00
QA/QC	20				20	$5,300.00
					0	$0.00
					0	$0.00
Hourly Subtotal	28	58	138	146	370	
Cost	$7,420.00	$13,340.00	$18,630.00	$21,900.00		$61,290.00

Phase	1

#200 - Pre-Design/Planning	Principal Eng	Senior Struct. Eng	Senior BIM Tech	Hourly Subtotal	Cost
Billing Rate	$265.00	$240.00	$185.00		
Task				0	$0.00
Kick off meeting		1		1	$240.00
Review Record Drawings existing Pumphouse/WTP Building		4		4	$960.00
Participate in Weekly meetings		4		4	$960.00
Alternative Facilities Design		12		12	$2,880.00
Coordinate with Geotech Engineer		5		5	$1,200.00
Develop design narrative		4		4	$960.00
QA/AC	1			1	$265.00
				0	$0.00
Hourly Subtotal	1	30	0	31	
Cost	$265.00	$7,200.00	$0.00		$7,465.00

Phase	2

#410 - Schematic Design (35%)	Principal Eng	Senior Struct. Eng	Senior BIM Tech	Hourly Subtotal	Cost
Billing Rate	$265.00	$240.00	$185.00		
Task				0	$0.00
Coordinate with Team/Meetings		4		4	$960.00
Coordinate with Geotech		5		5	$1,200.00
Develop General Sheets (Notes, Legend, Typical Details)		4		4	$960.00
Develop Floor plan		10	6	16	$3,510.00
Develop major details for building structure (wall section, foundation, roof)		25	15	40	$8,775.00
Develop design narrative		2		2	$480.00
Develop TOC for tech specs		1		1	$240.00
Coordinate with Estimator		2		2	$480.00
QA/QC	2			2	$530.00
				0	$0.00
Hourly Subtotal	2	53	21	76	
Cost	$530.00	$12,720.00	$3,885.00		$17,135.00

Phase

#200 - Pre-Design/Planning	Senior Mech Eng	Lead Mech Eng	Mech. EIT	Senior Eng Tech	Hourly Subtotal	Cost
Billing Rate	$235.00	$210.00	$135.00	$150.00		
Task					0	$0.00
Kick off meeting	1	1	1		3	$580.00
Review previous studies	1	2			3	$655.00
Coordinate with Operators		2			2	$420.00
Participate in Weekly meetings (x4)	4	4			8	$1,780.00
Coordinate with Civil Circulation or Storage Alternatives		6			6	$1,260.00
Review existing ADEC permits & Identify Permits Needed		8	8		16	$2,760.00
Review fire flow demands and evaluate the need to make any modifications		4	16		20	$3,000.00
Develop conceptual process flow diagrams (x3)		4	16	6	26	$3,900.00
Develop design narrative	1	6	6		13	$2,305.00
QA/QC	1				1	$235.00
Alternative Facilities Design	4		8		12	$2,020.00
Alternative Facilities Calculations	4		8		12	$2,020.00
					0	$0.00
Hourly Subtotal	16	37	63	6	122	
Cost	$3,760.00	$7,770.00	$8,505.00	$900.00		$20,935.00

Phase

#410 - Schematic Design (35%)	Senior Mech Eng	Lead Mech Eng	Mech. EIT	Senior Eng Tech	Hourly Subtotal	Cost
Billing Rate	$235.00	$210.00	$135.00	$150.00		
Task					0	$0.00
Participate in weekly meetings	4	4			8	$1,780.00
Production setup				6	6	$900.00
Develop General Sheets (Notes, Legend, Process Flow Diagram)	2	2	8		12	$1,970.00
Develop WaterCAD model to perform water flow and pressure calculations		16	24	16	56	$9,000.00
Size and select basis of design pumps		2	6		8	$1,230.00
Develop chlorination contact time, dosing model, and select package equipment		16	8		24	$4,440.00
Select Ventilation and heating equipment	2		8		10	$1,550.00
Develop TOC for tech specs	2	2			4	$890.00
Meet with ADEC		2			2	$420.00
Coordinate with Estimator	1				1	$235.00
QA/QC	2				2	$470.00
					0	$0.00
Hourly Subtotal	13	44	54	22	133	
Cost	$3,055.00	$9,240.00	$7,290.00	$3,300.00		$22,885.00

Phase

#200 - Pre-Design/Planning	Senior Elec. Eng	Elec. EIT	Lead Eng Tech	Hourly Subtotal	Cost
Billing Rate	$235.00	$135.00	$135.00		
Task				0	$0.00
Meetings and corespondance / Project Setup	4			4	$940.00
Preliminary Load Calculations for Alternatives	2	4		6	$1,010.00
Electrical Design Criteria Development for Alternatives	2	2		4	$740.00
Input to Alternatives Analysis Memo	2	4		6	$1,010.00
QA/QC	1			1	$235.00
				0	$0.00
				0	$0.00
Hourly Subtotal	11	10	0	21	
Cost	$2,585.00	$1,350.00	$0.00		$3,935.00

Phase

#410 - Schematic Design (35%)	Senior Elec. Eng	Elec. EIT	Lead Eng Tech	Hourly Subtotal	Cost
Billing Rate	$235.00	$135.00	$135.00		
Task				0	$0.00
Meetings and coordination	8	4		12	$2,420.00
Production setup			4	4	$540.00
Develop General Sheets (Notes, Legend, Process Flow Diagram)	2	2	8	12	$1,820.00
Preliminary Load Calculations	4	8		12	$2,020.00
Schematic Design Drawings	2	4	8	14	$2,090.00
Narrative	2	2		4	$740.00
QA/QC	1			1	$235.00
				0	$0.00
Hourly Subtotal	19	20	20	59	
Cost	$4,465.00	$2,700.00	$2,700.00		$9,865.00

Phase	1

#200 - Pre-Design/Planning	Principal PLS	Senior PLS	Two-Person Crew	Senior Eng Tech	Hourly Subtotal	Cost
Billing Rate	$250.00	$230.00	$310.00	$150.00		
Task					0	$0.00
Project Setup / property Research	1	16			17	$3,930.00
Site Control/Land Title Research		24			24	$5,520.00
Review Title Reports (Assume 12)		12			12	$2,760.00
Develop Ownership Map along Route		16		32	48	$8,480.00
Project Meetings	4				4	$1,000.00
Discipline Management	2	1			3	$730.00
Hourly Subtotal	7	69	0	32	108	
Cost	$1,750.00	$15,870.00	$0.00	$4,800.00		$22,420.00

Phase	2

#410 - Schematic Design (35%)	Principal PLS	Senior PLS	Two-Person Crew	Senior Eng Tech	Hourly Subtotal	Cost
Billing Rate	$250.00	$230.00	$310.00	$150.00		
Task					0	$0.00
Mobilize / Travel FAI-DLG / Logistics			10		10	$3,100.00
Recover / Set Control along route		2	10		12	$3,560.00
Differential Levels / TBMs		1	10		11	$3,330.00
Tie ROW / Property Corners (18 CL Mons, 40 Lot Corners)		4	32		36	$10,840.00
Topographic Survey 12,000 lf (240 x-sections, plus bike path)		8	42		50	$14,860.00
Underground Utility Locates / Coordination		2	8		10	$2,940.00
Utility As-builts		2	8		10	$2,940.00
TINN Checks			4		4	$1,240.00
Demobilize / Travel DLG-FAI / Logistics			10		10	$3,100.00
Data Downloads / Reduction / Surface Model		7	14		21	$5,950.00
Survey Drafting / Survey Sheets (12 sheets @ 1"=50')		40		100	140	$24,200.00
Coordination / project management / meetings	8	8		4	20	$4,440.00
QA/QC / Field Support	20	8			28	$6,840.00
Hourly Subtotal	28	82	148	104	362	
Cost	$7,000.00	$18,860.00	$45,880.00	$15,600.00		$87,340.00

Phase	1

#200 - Pre-Design/Planning

Billing Rate	Unit	Unit Cost	Project Management	Civil	Survey	Qty	Cost
Shipping	ea	$25.00				0	$0.00
Copies/Prints/Scans	ea	$1.00				0	$0.00
Airfare	ea	$600.00	1	1	2	4	$2,400.00
Rental Vehicles	day	$150.00	2		14	16	$2,400.00
Survey GPS Rental	day	$200.00			42	42	$8,400.00
Title Reports	day	$350.00			10	10	$3,500.00
Excess Baggage	day	$500.00			2	2	$1,000.00
Misc Equipement	ea	$500.00			1	1	$500.00
Parking	day	$16.00	2	2	14	18	$288.00
Hotel	day	$320.00	2	2	28	32	$10,240.00
Mileage	mile	$0.700				0	$0.00
Per Diem	man day	$113.00	2	2	28	32	$3,616.00
Cost			$1,798.00	$1,498.00	$29,048.00		$32,344.00

RESPEC Alaska 2025 Standard Rates as of 01-01-2025

Principal Engineers

Senior Principal Engineer	$ 295.00
Principal Engineer	$ 265.00

Civil

Senior Civil Engineer	$ 230.00
Lead Civil Engineer	$ 200.00
Project Civil Engineer	$ 180.00
Civil Engineer	$ 160.00
Senior Civil Designer	$ 175.00
Civil Designer	$ 150.00
Civil Engineer, EIT	$ 135.00

Geotechnical & Materials Testing

Senior Geotechnical Engineer	$ 230.00
Lab Technician	$ 140.00

Controls

Senior Controls Engineer	$ 210.00
Controls Designer	$ 180.00

Electrical

Senior Electrical Engineer	$ 235.00
Lead Electrical Engineer	$ 210.00
Project Electrical Engineer	$ 190.00
Electrical Engineer	$ 180.00
Electrical Designer	$ 160.00
Electrical Engineer, EIT	$ 135.00

Fire Protection

Senior Fire Protection Engineer	$ 235.00
Lead Fire Protection Engineer	$ 210.00
Project Fire Protection Engineer	$ 195.00
Fire Protection Engineer, EIT	$ 135.00

CAD/BIM Technicians

Senior BIM Techician	$ 185.00
Senior Engineering Technician	$ 150.00
Lead Engineering Technician	$ 135.00
Engineering Technician	$ 120.00

Word Processing Services

Technical Editor	$ 135.00

Sub & Expenses marked up at no less than 10% above cost

Structural

Senior Structural Engineer	$ 240.00
Lead Structural Engineer	$ 220.00
Project Structural Engineer	$ 190.00
Structural Engineer	$ 175.00
Structural Designer	$ 165.00
Structural Designer, EIT	$ 135.00

Mechanical

Senior Mechanical Engineer	$ 235.00
Lead Mechanical Engineer	$ 210.00
Project Mechanical Engineer	$ 185.00
Mechanical Engineer	$ 165.00
Mechanical Designer	$ 155.00
Mechanical Engineer, EIT	$ 135.00

Land Survey & Planning Services

Principal Professional Land Surveyor (PLS)	$ 250.00
Senior PLS	$ 230.00
Lead PLS	$ 200.00
Project PLS	$ 180.00
Land Surveyor	$ 160.00
Land Surveyor, LSIT	$ 140.00
Project Survey Instrument Person	$ 130.00
Survey Instrument Person	$ 120.00

Principal Planner/GIS	$ 250.00
Senior Planner/GIS	$ 185.00
Project Planner/GIS	$ 160.00
Planner/GIS	$ 125.00

Project Management

Senior Project Manager	$ 255.00
Project Manager	$ 220.00

FARO Lidar Scanner	$1,000/Day
Matterport Lidar Scanner	$300/Day
Land Survey GPS Unit Rate	$200/Day
Hydrolite Echosounder	$250/Day
Land Survey Scanner	$1,650/Day

Billing rates above are subject to annual increase

SHANNON & WILSON

October 20, 2025

Karen Brady, PE
RESPEC
2700 Gambell Street, Suite 500
Anchorage, AK 99503

RE: PROPOSAL AND COST ESTIMATE FOR GEOTECHNICAL AND ENVIRONMENTAL SERVICES; DILLINGHAM AIRPORT WATERLINE EXTENSION; DILLINGHAM, ALASKA

At your request we have prepared this proposal to provide geotechnical and environmental services for the Dillingham Airport Waterline Extension Project (Project) in Dillingham, Alaska. We understand you are requesting our assistance with the City of Dillingham's (City's) extension of their waterline to the Dillingham Airport (DLG). We have based our proposal and cost estimate on the preliminary waterline alignment shown in Figure 1, attached, along with additional assumptions noted herein. Our scope of services and cost estimate includes the following tasks associated with Task 1 – 35% Drawings/Specifications.

Task 1-1: Environmental Review and Agency Consultation

We will review and research applicable environmental requirements for the construction of the Project. We will research state and federal regulations to determine relevant permits/documents required for the construction of the Project and consult with regulatory agencies as needed. We will then develop an Environmental Matrix outlining environmental requirements, permits, and/or documents for the construction of the Project; the regulatory agency; permit submittal requirements; anticipated timelines; and associated fees. As a part of this task, we will also assist with the development of the Design Analysis Report, to include a narrative outlining potential environmental impacts and environmental permits and schedule in addition to the Environmental Matrix.

This task is budgeted as fixed price. Preparation of required permits and/or documents identified during the environmental review and agency consultation is not included as a part of this task. Once the required permits and/or documents have been identified, we will provide a revised cost estimate to assist with preparation as requested by RESPEC.

Task 1-2: Exploration Phase Sampling and Analysis Plan (SAP)

Prior to field exploration activities, we will develop a SAP for review by RESPEC and submittal to the Alaska Department of Environmental Conservation (DEC) for their review

2355 Hill Road | Fairbanks, Alaska 99709-5326 | 907-479-0600
www.shannonwilson.com

prior to conducting field exploration activities. The SAP will outline proposed soil boring locations, depths, field screening and analytical sampling methods and frequency, analytical laboratory testing, and reporting requirements. We will provide a draft copy of the SAP to RESPEC for initial review. After addressing comments, we will provide a draft final SAP for submittal to DEC. We will discuss DEC's comments with you, if any, respond accordingly, and provide a final SAP to DEC. We will submit electronic copies of our draft, draft final, and final SAP.

This task is budgeted as fixed price. If changes to the scope are requested or required, we will provide an updated scope and cost estimate.

Task 1-3: Field Exploration, Analytical Sampling and Analysis, and Geotechnical Laboratory Analysis

Upon DEC acceptance of the SAP and receival of the necessary permits (i.e. right-of-way (ROW) permits, a DLG right of entry and building permits, and 7460 airspace permits, described below), we will mobilize to conduct the fieldwork. For cost estimating purposes, we plan to explore the subsurface conditions with up to 34 borings along the preliminary waterline alignment (Figure 1). Note that if a different alignment is chosen, we assume that we will be able to revise our scope and fee as appropriate. We assume that the boring locations will be accessed through existing roadways and that no significant overland travel will be necessary. Two of the proposed borings will be advanced on either side of the Scandinavian Creek crossing. These borings will enable us to evaluate the general subsurface conditions in the project area and to collect soil samples for subsequent geotechnical laboratory testing. Borings will generally be advanced to depths of between 15 and 30 feet below the ground surface (bgs). Note that the two borings adjacent to Scandinavian Creek will be advanced to 30 feet bgs.

Shannon & Wilson will subcontract with an Anchorage-based drilling contractor, Discovery Drilling (Discovery), for a truck or rubber track mounted drill rig and crew to conduct the field explorations. In the borings, a grab sample will be collected at the surface and then Standard Penetration Test (SPT) or Modified Penetration Test (MPT) drive samples will be taken at 2.5-foot intervals to 10 feet and then at 5-foot intervals the bottom of the boring. The Unified Soil Classification System (USCS) will be used to describe the samples recovered from the boring. Soil samples will be sealed in airtight containers and transported to our Anchorage laboratory for testing, as necessary. An experienced representative from Shannon & Wilson will be present during the field work to locate the

borings, observe the drilling, collect geotechnical samples, and prepare descriptive logs for the boreholes.

Prior to conducting the subsurface explorations, Shannon & Wilson will coordinate utility locates through the Call Locate Center. Our drilling subcontractor will procure an Alaska Department of Transportation & Public Facilities (DOT&PF) ROW permit for areas of the project outside of DLG property. For areas of the project within the DLG property boundary, Shannon & Wilson will coordinate with DLG leasing staff to obtain a right of entry permit and building permit for drilling. We assume coordination with BLM may also need to be considered for right of entry along the project corridor. As the height of the drill rig mast used for exploration services may affect navigable airspace for some proposed boring locations, Shannon & Wilson will submit a 7460 – Notice of Proposed Construction or Alteration to the Federal Aviation Administration (FAA). Note that the FAA has a 45-day review period for processing 7460 forms. We assume that an airport badge will not be required to access boring locations on the DLG. We assume that traffic control will be required continuously during explorations to protect our crew and the traveling public. Protection during drilling is assumed to consist of continuous flaggers on either end of the excluded work zone. Our drilling subcontractor will coordinate a traffic control plan, and their subcontractor will implement the plan during subsurface explorations.

Our scope of work assumes that contaminated soil and groundwater are not present in most of the project corridor with the exception of PFAS contamination near the airport and adjacent to locations where PFAS results in private well samples have exceeded the DEC PFAS drinking water action level (Figure 1). Because there is no field screening method for PFAS, we propose to collect PFAS analytical samples from 11 borings as shown in Figure 1. We will also collect two field duplicate PFAS samples for a total of 13 PFAS samples collected for laboratory testing by Eurofins Sacramento in West Sacramento, California.

To detect potential petroleum, oil, and lubricants (POLs) within the project corridor, we plan to direct screen the samples recovered during drilling using a Photoionization Detector (PID). The direct screen method refers to headspace screening the soil immediately after the split spoon is opened. If screening results above 10 parts-per-million (ppm) are measured or if visual or olfactory indications of potential contamination are detected, we will be prepared to collect analytical samples. Based on the contaminated sites (Figure 1) located in the vicinity of the preliminary alignment, analytical samples would be collected for the following contaminants: gasoline range organics (GRO), diesel range organics (DRO), residual range organics (RRO), volatile organic compounds (VOCs), and polycyclic aromatic

hydrocarbons (PAHs). We will be prepared to collect up to five analytical samples plus one field duplicate for these analyses. Additionally, trip blank samples are required to be analyzed for VOC and GRO analyses. We have included costs for one trip blank sample for VOC and GRO analyses. An experienced representative from Shannon & Wilson will be present during the fieldwork to field screen borings and collect analytical samples. If DEC requires the collection of other contaminants not listed above and/or higher testing frequency, we will provide a proposal for the additional parameters requested by DEC.

Upon completion of the borings, the boreholes will be backfilled with cuttings removed during drilling and the asphalt will be patched with asphalt cold patch, where needed. We have assumed that cuttings can be placed back in the borings, including PFAS boring cuttings and where potential contamination is encountered (PID readings above 10 ppm). This assumption is based on DEC approval of this method on similar projects. We have not included costs for disposal of soil cuttings. If DEC does not allow backfilling the borings with cuttings, we will provide a proposal for drumming cuttings, analytical sampling, and offsite disposal.

Geotechnical laboratory tests will be performed on select soil samples to evaluate the index properties of the soil encountered. We anticipate that samples will be tested for natural water content, grain-size gradation, and possibly organic content and Atterberg Limits, if appropriate. The number and type of tests planned are our listed in our Detailed Costs Sheet, attached. We will, however, plan to adjust the types of tests and the testing program based on the actual conditions encountered. ASTM International standard procedures will be followed for all geotechnical soils testing as appropriate.

Soil samples from areas tested for PFAS contamination will be handled and processed in Shannon & Wilson's laboratory under the assumption that they contain PFAS contamination unless prior laboratory analysis shows that PFAS was not detected. Wash water produced during sample processing will be containerized and passed through granular activated carbon (GAC) prior to discharge into the municipal sewer system. After performing testing on samples, soil will be consolidated and drummed. Republic Services will be subcontracted to properly dispose of the soil and GAC material, if appropriate.

The effort described above is based on assumptions regarding the preliminary waterline alignment, level of effort and agency requirements for analytical sampling, and handling of soil cuttings as described throughout this proposal. If through the development of our SAP and/or coordination with the design team and DEC, changes to our scope need to be made, we will provide an updated scope and cost estimate.

This task is budgeted as fixed price. If changes to the scope are requested or required, we will provide an updated scope and cost estimate.

Task 1-4: Environmental Summary Report

After field exploration activities have been completed, analytical data sets have been reviewed, and soil boring logs have been generated, we will prepare a report summarizing the field efforts, including summary analytical data tables with a description of the analytical results and quality control review. The Summary Report will be developed for review by RESPEC and submittal to DEC for their review. We will provide a draft copy of the Summary Report to RESPEC for initial review. After addressing comments, we will provide a draft final Summary Report for submittal to DEC. We will discuss DEC's comments with you, if any, respond accordingly, and provide a final Summary Report to DEC. We will submit electronic copies of our draft, draft final, and final Summary Report.

This task is budgeted as fixed price. If changes to the scope are requested or required, we will provide an updated scope and cost estimate.

Task 1-5: Geotechnical Analysis and Reporting

Based on the results of document review, field explorations, and geotechnical laboratory testing, we will conduct geotechnical engineering analyses to evaluate the design parameters and provide recommendations needed for the final design of the proposed improvements, including general earthwork, drainage conditions, backfill and compaction, suitability of local materials as borrow, and pavement repairs. We will also conduct specific analysis to evaluate construction dewatering along the project corridor. We will focus on the conditions that will likely be encountered during routine trenching, as well as potentially deeper excavations near Scandinavian Creek where HDD techniques may be used to embed the pipe under the creek. We also understand that shallow pipe burial options may be evaluated for this project. If the pipe is planned to be buried less than 10 feet bgs, we will conduct thermal modelling to evaluate the need for insulation cover for pipe at various depths. The modelling will be conducted based on generalized soil thermal properties and simplified projections of future temperature trends.

We will prepare a geotechnical report that will, in addition to the recommendations described above, present a narrative description of the subsurface conditions encountered including a site description, a summary of field explorations, and geotechnical laboratory test procedures and results. Graphical logs of the borings will support this description. A

discussion of the groundwater conditions will also be included. Our report will be performed under and sealed by a registered civil engineer experienced in geotechnical engineering. We will provide a draft copy of the geotechnical report to RESPEC for initial review. After addressing comments, we will provide a final geotechnical report. We will submit electronic copies of our draft and final report.

As a part of this task, we will also assist with the development of the Design Analysis Report, to include a geotechnical narrative outlining subsurface conditions, design considerations, utility trenches, construction dewatering and surface drainage, and the drilling plan.

SCHEDULE

At the time of this proposal, a project schedule has not been established. We assume that work will take place during the 2025 and 2026 calendar years and that field explorations will occur during winter in late 2025 or early 2026. We will work continually with the project team to be responsive and uphold the agreed upon project schedule once it is established.

ESTIMATED COSTS AND CONDITIONS FOR SERVICES

We are prepared to undertake the above work as outlined above on a fixed price basis for the fees shown on the attached Summary Cost Estimate. Note that we will charge for standby time for our field personnel (8 hours of Shannon & Wilson labor per person, per day, plus expenses) plus day rates for the drillers and traffic control in the event that we are unable to demobilize from Dillingham as planned.

Our fee for the above work and the terms under which our services are offered would be in accordance with the attached Standard Terms and General Conditions or a mutually agreed upon subcontract for professional services. We have attached Important Information About Your Geotechnical/Environmental Proposal to assist you and others in understanding the proper use and limitation of our services.

If you have questions or comments or wish to revise the scope of our services, please contact the Project Manager, Ashley Jaramillo, at 907-251-7534. If you approve this proposal, please initial below and on the attached cost estimate and return those pages back to us as notice to proceed. We look forward to working with you on this project and appreciate the opportunity to be of service to you.

Sincerely,

SHANNON & WILSON

Kyle Brennan, PE
Vice President

Enc. Figure 1 – Preliminary Waterline Extension Alignment
Summary Cost Estimate
Detailed Costs – S&W Laboratory
Standard Terms and Conditions
Important Information About Your Geotechnical/Environmental Proposal

I accept the above conditions and authorize the above work to proceed.

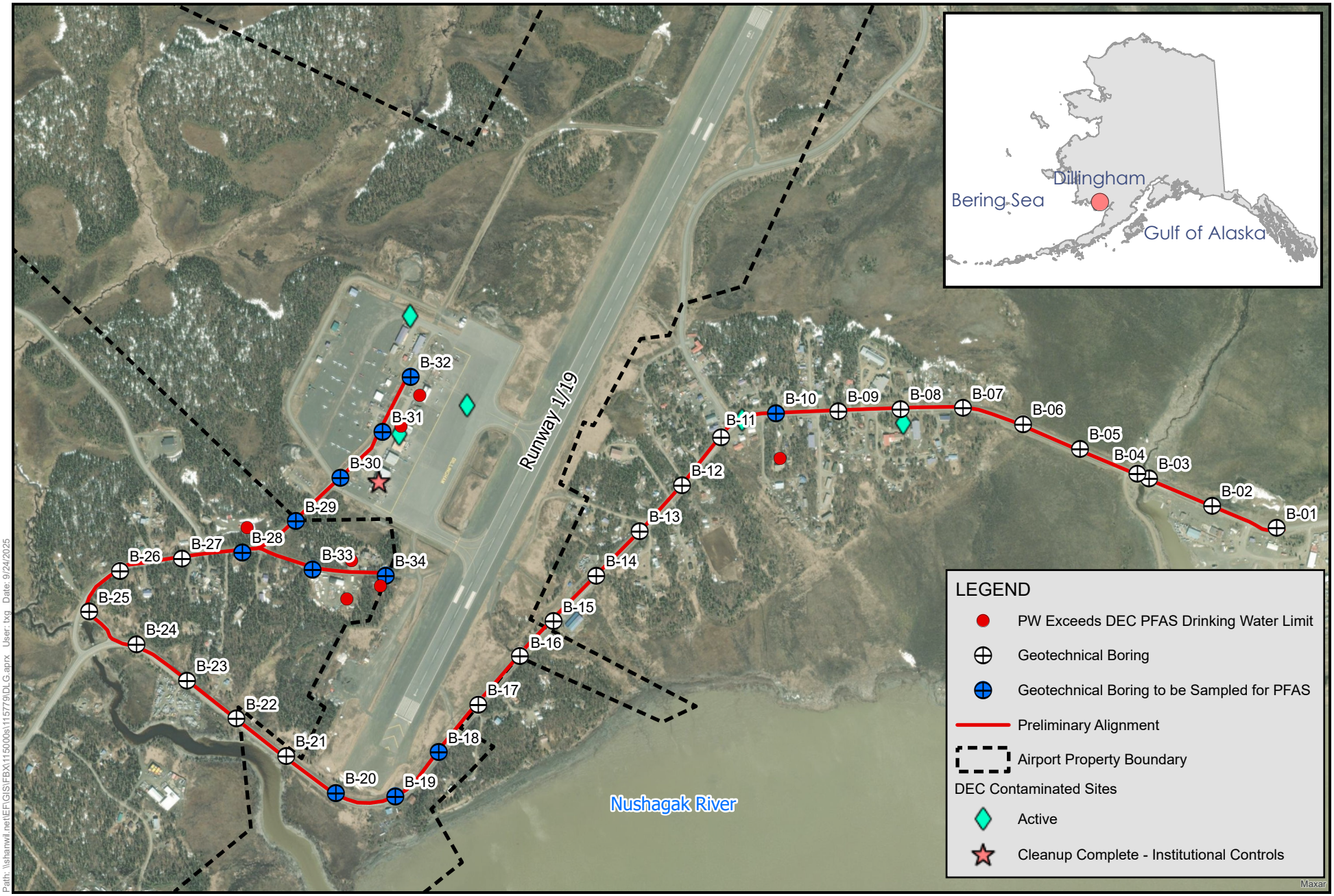
By_____ Signature _____
(print)

_____ Date _____
Organization

SHANNON & WILSON

Job Number: 115779

Dillingham Airport Alternative Water
Dillingham, Alaska



Spatial Reference: NAD 1983 2011 StatePlane Alaska 6 FIPS 5006 Feet WKID: 102394
Path: \\shanwil.net\EFGIS\FBAI\115000s\115779\DLG.aprx User: txg Date: 9/24/2025

N

0 0.2 0.4

1in = 0.2mi

VERIFY SCALE - BAR IS TWO INCHES ON ORIGINAL FIGURE

NOTES

Preliminary main location based on figures from RESPEC, and it's location is approximate.
PW = private well
DEC = Alaska Department of Environmental Conservation
PFAS = per- and polyfluoroalkyl substances

PRELIMINARY WATERLINE EXTENSION ALIGNMENT

October 2025

FIGURE 1

Proposal: 115779
Date: October 20, 2025
Client: RESPEC
Project: Dillingham Airport Waterline Extension

SUMMARY OF PROBABLE COSTS - TASK 1 - 35% DRAWINGS/SPECIFICATIONS

Site	Direct Cost of Direct Labor	Subcontracts	Expenses	Total Estimated Cost
Task 1-1: Environmental Review and Agency Consultation				
	$21,450	$0	$0	$21,450
Task 1-2: Exploration Phase Sampling and Analysis Plan				
	$18,765	$0	$0	$18,765
Task 1-3: Field Exploration, Analytical Sampling and Analysis, and Geotechnical Laboratory Analysis				
	$47,125	$288,557	$47,125	$379,317
Task 1-4: Environmental Summary Report				
	$18,765	$0	$0	$18,765
Task 1-5: Geotechnical Analysis and Reporting				
	$55,930	$0	$0	$55,930
Total	**$162,035**	**$288,557**	**$47,125**	**$494,227**

FIRM: Shannon & Wilson, Inc. **PROJECT TITLE:** Dillingham Airport Waterline Extension

PROJECT: 115779 **TASK DESCRIPTION:** Environmental Review and Agency Consultation **DATE:** 10/20/2025

Task: 1-1 **METHOD OF PAYMENT:** **FP** ☑ **FPPE** ☐ **T&E** ☐ **CPFF** ☐ **PREPARED BY:** Shannon & Wilson, Inc.

LABOR HOURS PER JOB CLASSIFICATION

TASK DESCRIPTION	Officer	Senior Associate	Associate	Senior Eng/Sci III	Senior Eng/Sci II	Senior Eng/Sci I	Eng/Sci IV	Eng/Sci III	Eng/Sci II	Eng/Sci I	Clerical
Project Mgmt, Coordination, and Meetings	1			6							2
Environmental Review	1	4		12		28					1
Agency Coordination	1	4		12		28					1
Design Analysis Report	1	2		4		12					
TOTAL LABOR HOURS	4	10		34		68					4
*** LABOR RATES ($/HR)**	$270.00	$240.00		$205.00		$155.00					$115.00
LABOR COSTS ($)	$1,080.00	$2,400.00	$0.00	$6,970.00	$0.00	$10,540.00	$0.00	$0.00	$0.00	$0.00	$460.00

EXPENSES

Item Description	Units	QUANTITY	UNIT PRICE	TOTAL PRICE
		TOTAL EXPENSES:		**$0**

SUB-CONTRACTORS:

	QUANTITY	UNIT PRICE	TOTAL PRICE
		Fee:	$0.00
		Total Estimated Subcontractor Costs:	**$0**

COMMENTS:

DIRECT COST OF DIRECT LABOR	**$21,450**
TOTAL SUBCONTRACTS	**$0**
TOTAL EXPENSES	**$0**
TOTAL ESTIMATED COST	**$21,450.00**

FIRM: Shannon & Wilson, Inc. **PROJECT TITLE:** Dillingham Airport Waterline Extension

PROJECT: 115779 **TASK DESCRIPTION:** Exploration Phase Sampling and Analysis Plan **DATE:** 10/20/2025

Task: 1-2 **METHOD OF PAYMENT:** FP ☑ FPPE ☐ T&E ☐ CPFF ☐ **PREPARED BY:** Shannon & Wilson, Inc.

LABOR HOURS PER JOB CLASSIFICATION

TASK DESCRIPTION	Officer	Senior Associate	Associate	Senior Eng/Sci III	Senior Eng/Sci II	Senior Eng/Sci I	Eng/Sci IV	Eng/Sci III	Eng/Sci II	Eng/Sci I	Clerical
Project Mgmt, Coordination, and Meetings	1			6							2
Draft SAP to RESPEC	1	2		8		40					1
Respond to RESPEC Comments				2		8					
Draft Final SAP to DEC	1	2		2		8					1
Respond to DEC Comments				2		8					
Final SAP to DEC	1	2		2		8					1
TOTAL LABOR HOURS	4	6		22		72					5
*** LABOR RATES ($/HR)**	$270.00	$240.00		$205.00		$155.00					$115.00
LABOR COSTS ($)	$1,080.00	$1,440.00	$0.00	$4,510.00	$0.00	$11,160.00	$0.00	$0.00	$0.00	$0.00	$575.00

EXPENSES

Item Description	Units	QUANTITY	UNIT PRICE	TOTAL PRICE
		TOTAL EXPENSES:		**$0**

SUB-CONTRACTORS:

	QUANTITY	UNIT PRICE	TOTAL PRICE
Fee:			$0.00
Total Estimated Subcontractor Costs:			**$0**

COMMENTS:

DIRECT COST OF DIRECT LABOR	**$18,765**
TOTAL SUBCONTRACTS	**$0**
TOTAL EXPENSES	**$0**
TOTAL ESTIMATED COST	**$18,765.00**

FIRM: Shannon & Wilson, Inc. **PROJECT TITLE:** Dillingham Airport Waterline Extension

PROJECT: 115779 **TASK DESCRIPTION:** Field Exploration, Analytical Sampling and Analysis, and Geotechnical Laboratory Analysis **DATE:** 10/20/2025

Task: 1-3 **METHOD OF PAYMENT:** FP ☑ FPPE ☐ T&E ☐ CPFF ☐ **PREPARED BY:** Shannon & Wilson, Inc.

LABOR HOURS PER JOB CLASSIFICATION

TASK DESCRIPTION	Officer	Senior Associate	Associate	Senior Eng/Sci III	Senior Eng/Sci II	Senior Eng/Sci I	Eng/Sci IV	Eng/Sci III	Eng/Sci II	Eng/Sci I	Clerical
Project Mgmt, Coordination, and Meetings	2			8	8						2
Field Prep and Coordination	2			4	4	8	8				
Utility Locates/ROE/7460/Building Permit				4	2	8	4				
Mobilization/Demobilization						12	12				
Field Explorations						45	95				
Office Support				8	8						
Analytical Sample Handling						8					
Geotechnical Laboratory Testing Management	2				4	20					
TOTAL LABOR HOURS	6			24	26	101	119				2
*** LABOR RATES ($/HR)**	$270.00			$205.00	$175.00	$155.00	$140.00				$115.00
LABOR COSTS ($)	$1,620.00	$0.00	$0.00	$4,920.00	$4,550.00	$15,655.00	$16,660.00	$0.00	$0.00	$0.00	$230.00

EXPENSES

Item Description	Units	QUANTITY	UNIT PRICE	TOTAL PRICE
Shipping (geo samples, analyticals, field equipment, etc.)	Each	1	$2,600	$2,600
Airfare (Anchorage to Dillingham) x2 people	Each	2	$1,000	$2,000
Housing - 1 person 10 nights, 1 person 5 nights	Days	15	$320	$4,800
Per Diem - 1 person 11 days, 1 person 4 days	Days	15	$113	$1,695
Rental Vehicle	Days	11	$125	$1,375
Environmental Field Expendables	Each	1	$2,500	$2,500
Geotechnical Lab Expendables	Each	1	$800	$800
Geotechnical Lab Tests	Each	1	$27,355	$27,355
Geotechnical Lab Generated Soil/Water IDW Disposal	Each	1	$4,000	$4,000
			TOTAL EXPENSES:	**$47,125**

SUB-CONTRACTORS:

	QUANTITY	UNIT PRICE	TOTAL PRICE
Discovery Drilling	1	$243,689.00	$243,689.00
Eurofins Seattle and Eurofins Sacramento	1	$7,230.00	$7,230.00
		Fee:	$37,637.85
		Total Estimated Subcontractor Costs:	**$288,557**

COMMENTS:

Assume advancing 34 soil borings with geotechnical testing, 4 borings per day
Assume 11 PFAS samples and 2 field duplicates
Assume 5 GRO, DRO, RRO, VOC, and PAH samples and one field duplicate and 2 trip blank samples
Assume 6hr travel days for mobilization/demobilization
Assume 1-5 hr field day and 9-10 hr drilling days for first person
Assume 1-5hr field day and 4-10 hr drilling days for second person
Assume all drilling cuttings go back in hole
Assume environmental field expendables equipment and consumables for field screening, collecting analytical samples, and GPS.
Geotechnical lab expendables include costs of GAC, drums, plastic sheeting, and PPE.
Assume Republic Services to dispose of geotechnical lab generated soil/water IDW.
Assume drilling subcontract includes procurement of off airport ROE permit, TCP, and flagging support during drilling.
Assume S&W handles utility locates, airport ROE, 7460, building permit, and other entity coordination as needed for access.
NOTE: We will charge for standby time at our hourly rates (for S&W) and day rates (for the drillers and traffic control) in the event we are unable to demobilize from Dillingham as planned.

DIRECT COST OF DIRECT LABOR	**$43,635**
TOTAL SUBCONTRACTS	**$288,557**
TOTAL EXPENSES	**$47,125**
TOTAL ESTIMATED COST	**$379,316.85**

FIRM: Shannon & Wilson, Inc. **PROJECT TITLE:** Dillingham Airport Waterline Extension

PROJECT: 115779 **TASK DESCRIPTION:** Environmental Summary Report **DATE:** 10/20/2025

Task: 1-4 **METHOD OF PAYMENT:** FP ☑ FPPE ☐ T&E ☐ CPFF ☐ **PREPARED BY:** Shannon & Wilson, Inc.

LABOR HOURS PER JOB CLASSIFICATION

TASK DESCRIPTION	Officer	Senior Associate	Associate	Senior Eng/Sci III	Senior Eng/Sci II	Senior Eng/Sci I	Eng/Sci IV	Eng/Sci III	Eng/Sci II	Eng/Sci I	Clerical
Project Mgmt, Coordination, and Meetings	1			6							2
Draft Summary Report to RESPEC	1	2		8		40					1
Respond to RESPEC Comments				2		8					
Draft Final Summary Report to DEC	1	2		2		8					1
Respond to DEC Comments				2		8					
Final Summary Report to DEC	1	2		2		8					1
TOTAL LABOR HOURS	4	6		22		72					5
*** LABOR RATES ($/HR)**	$270.00	$240.00		$205.00		$155.00					$115.00
LABOR COSTS ($)	$1,080.00	$1,440.00	$0.00	$4,510.00	$0.00	$11,160.00	$0.00	$0.00	$0.00	$0.00	$575.00

EXPENSES

Item Description	Units	QUANTITY	UNIT PRICE	TOTAL PRICE
		TOTAL EXPENSES:		**$0**

SUB-CONTRACTORS:

	QUANTITY	UNIT PRICE	TOTAL PRICE
Fee:			$0.00
Total Estimated Subcontractor Costs:			**$0**

COMMENTS:

DIRECT COST OF DIRECT LABOR	**$18,765**
TOTAL SUBCONTRACTS	**$0**
TOTAL EXPENSES	**$0**
TOTAL ESTIMATED COST	**$18,765.00**

FIRM: Shannon & Wilson, Inc. **PROJECT TITLE:** Dillingham Airport Waterline Extension

PROJECT: 115779 **TASK DESCRIPTION:** Geotechnical Analysis and Reporting **DATE:** 10/20/2025

Task: 1-5 **METHOD OF PAYMENT:** FP ☑ FPPE ☐ T&E ☐ CPFF ☐ **PREPARED BY:** Shannon & Wilson, Inc.

LABOR HOURS PER JOB CLASSIFICATION

TASK DESCRIPTION	Officer	Senior Associate	Associate	Senior Eng/Sci III	Senior Eng/Sci II	Senior Eng/Sci I	Eng/Sci IV	Eng/Sci III	Eng/Sci II	Eng/Sci I	Clerical
Design Analysis Report	2				24						
Project Mgmt, Coordination, and Meetings	2			12	12						10
Excavation Evaluation	2		8				16				
Construction Dewatering	2		4		30		16				
Pavement			4				8				
General Civil			6				10				
Draft Reporting	4		16		40		60				4
Final Reporting	2		8		12		12				2
TOTAL LABOR HOURS	14		46	12	118		122				16
*** LABOR RATES ($/HR)**	$270.00		$220.00	$205.00	$175.00		$140.00				$115.00
LABOR COSTS ($)	$3,780.00	$0.00	$10,120.00	$2,460.00	$20,650.00	$0.00	$17,080.00	$0.00	$0.00	$0.00	$1,840.00

EXPENSES

Item Description	Units	QUANTITY	UNIT PRICE	TOTAL PRICE
		TOTAL EXPENSES:		**$0**

SUB-CONTRACTORS:

	QUANTITY	UNIT PRICE	TOTAL PRICE
Fee:			$0.00
Total Estimated Subcontractor Costs:			**$0**

COMMENTS:

DIRECT COST OF DIRECT LABOR	**$55,930**
TOTAL SUBCONTRACTS	**$0**
TOTAL EXPENSES	**$0**
TOTAL ESTIMATED COST	**$55,930.00**

2025 ANCHORAGE LABORATORY UNIT PRICE BILLING

SHEET A - Geotechnical

Job & Phase No.: 115779-P S&W PM: AMJ

Job Name: Dillingham Airport Waterline Extension

Client/PM: Karen Brady, PE / RESPEC

Period Ending: 10/20/2025

Client PO:

Unit Rate Schedule: **UPANC25**

Code	Description	Total No. of Units	**Rush**/nights/wknd (+ 50%) # 3260	**PFAS Contaminated** soil fee (+50%) # 3220	Units to Bill	Unit	Unit Price	Sub-Total
32-3201	Small Job Setup and Reporting Fee, unestablished					per job	$350	
32-3202	Small Job Setup and Reporting Fee, established client					per job	$200	
Soil Index Testing (labor = 32-1-63100-001)								
32-3203	Water (Moisture) Content, by mass (**D2216**, T265)	222		66	255	Test	$24	$6,120.00
32-3204	Material Finer than #200 Sieve (**C117**, T11, D1140)	12		0	12	Test	$115	$1,380.00
32-3205	Sieve Analysis - Small sample (**C117/C136**, T11/T27)	48		19	58	Test	$168	$9,660.00
32-3206	Atterberg (Plastic/Liquid) Limits - 3 Point Method (**D4318**, T89/90)	3		1	4	Test	$265	$927.50
32-3207	Liquid Limit for Organic Determination (**D4318**, T89)					Test	$120	
32-3216	Atterberg Limits Preparation for Non Plastic Soils (D4318, T89/90)					Test	$132	
32-3208	Frost Class Gradation with 15-30 minute Hydrometer (T87/88)	26		3	28	Test	$337	$9,267.50
32-32081	Bulk Gradation with 15-30 minute Hydrometer (T87/88)					Test	$422	
32-3209	Gradation with 24-hour Hydrometer (T87/88)					Test	$367	
32-3262	Bulk Gradation with 24-hour Hydrometer (T87/88)					Test	$452	
32-3210	Organic Content of Soil (**T267**, ATM203, D2974)					Test	$110	
32-3211	Specific Gravity of Soil (**D854**, T100)					Test	$155	
32-3263	USDA Soil Texture Classification					Each	$125	
	Also on SHEET B - Construction Material Testing (-003):							
32-3231	Bulk Sieve Analysis - (**C117/C136**, T11/T27)					Test	$253	
32-3232	Cohesive/Organic Sample Preparation surcharge (for bulk sieve, Atterberg, and/or Proctor)					Test	$132	
32-3233	Moisture-Density Relationship (Proctor) Modified Effort (**D1557**, T180)					Test	$500	
32-3234	Moisture-Density Relationship (Proctor) Standard Effort (**D698**, T99)					Test	$450	
32-3236	Specific Gravity of Coarse Aggregate (**C127**, T85)					Test	$135	
	***Bold** methods are typical default for in-house testing*							
Specialty Lab Testing (labor = 32-1-63100-002)								
32-3221	Soil pH by electrode (D4927, ATM206)					Test	$80	
32-3222	Soil Salinity - by electrical conductivity					Test	$110	
32-3223	Thin-Walled Tube Sample Extraction/Logging					Test	$125	
32-3224	Visual Description of Soil (D 2488)					Test	$35	
32-3225	Torvane or Pocket Penetrometer Test					Test	$38	
32-3226	Unit Weight-Tube or liner (D7263)					Test	$75	
32-3227	Density/Unit Weight Frozen Soil (wax dip)					Test	$132	
32-3228	Unconfined Compressive Strength (D 2166)					Test	$255	
32-3229	Consolidation Load-Unload (D 2435)					Test	$750	
32-32210	Consolidation Load-Unload-Reload (D 2435)					Test	$850	
32-32212	Permeability - Compaction mold (D5856)					Test	$700	
32-32213	Triaxial - Unconsolidated-Undrained (D 2850)					Test	$550	
	Preparation and Curing of Remolded Specimen & Trimming to Reduce Specimen Diameter				Hours on project #			
32-32215	Point Load Index Per Point (D5731)					Test	$84	
32-32216	Unconfined Compressive Strength of Rock Core (D7012)					Test	$190	
32-32217	Sawing and Trimming of Rock Core					each core	$140	
32-3267	Expansive Breakdown on Soaking in Ethylene Glycol (CRD-C 148)					Test	$465	
32-3260	Miscellaneous unlisted tests					Test		
Expenses								
	Travel and Standby Time				Hours on project #			

P.M. Initials: _____ Date: _____ **Total Units: 311** **356** **Total Cost: $27,355.00**

4103 Minnesota Drive
Anchorage, AK 99503

P: 907.561.1653
F: 907.562.0420

mail@hmsalaska.com

DATE
9/23/2025
FEE PROPOSAL NO.
P25-09-08
HMS PROJECT NO.
N/A

Fee Proposal Prepared For:

RESPEC
1028 Aurora Drive
Fairbanks, Alaska 99709

Attn: Karen Brady

Project: Airport Waterline Extension
City of Dillingham
Location: Dillingham, Alaska

---

1. *Project Description and Service*

Provide construction cost estimating for extending current city water service to the airport. Work will include approximately 12,900 LF of water line, pumphouse with backup generator, and connections to 10 buildings. The ROM construction cost is $14.52 million. A 35% design estimate only is being provided, all other work is currently excluded.

The estimate(s) will be prepared in CSI Master Format and priced for construction on a date to be determined.

2. *Fee Breakdown and Schedule (Lump Sum)*

35% Design Estimate **$ 9,634.00** ***Within (18) Full Working Days***

The above fee does not include preparation of additive bid items or alternates. See Terms below.

Allow the above full working days to provide the proposed services. Time for task completion will begin following receipt of all available design information for that particular phase. Please note the above durations exclude weekends, holidays and partial days. Please give two weeks advance notice for commencing each phase of work.

3. *Notice to Proceed*

HMS Inc. requires a written or verbal notice to proceed for the services described above. HMS Inc. will not commence services until a notice to proceed is received. Delivery of documents or links to file share websites are not considered a notice to proceed. Estimates will be prepared based on the design documents provided with or following the notice to proceed.

4. *Terms*

Deliverable:

HMS Inc. will provide a copy of our estimate via email in a PDF file format or in Excel, if necessary. Should a hard copy of the estimate be necessary, a bound or loose copy will be provided to you upon request.

Drawings:

Architect/Engineer shall provide HMS Inc. with full size, correct scale drawings, along with an electronic set (PDF format preferred). Should these not be provided, it may be necessary to increase our fee proposal and add additional days to complete our work.

4103 Minnesota Drive
Anchorage, AK 99503

P: 907.561.1653
F: 907.562.0420

mail@hmsalaska.com

DATE
9/23/2025
FEE PROPOSAL NO.
P25-09-08
HMS PROJECT NO.
N/A

4. Terms (Continued)

Drawings:

Should it be necessary, HMS Inc. has the capability to print one or two drawings, however, depending on the quantity, an additional charge may be added at $4.00/sheet.

Additive Bid Items or Alternates:

Our fee proposal does not include preparing estimates for additive bid items or alternates (except those included in Section 2 Fee Breakdown) that require re-measurement of work items included in the Base Bid cost estimate. We reserve the right to renegotiate our fee should alternates become necessary beyond one or two minor alternates or additive bid items.

Reimbursable Expenses:

This fee proposal does not provide for site visits, meetings with the owner, or any other unforeseen expenses unless listed in Section 2. Fee Breakdown. Any such items, if required, will be charged on a time-and-expense basis at our current rate schedule.

Penalty/Bonus Condition:

This proposal is made on the understanding that we will not be entering into an agreement with the client that includes a penalty/bonus condition dependent on the outcome of the bid. Should such a clause be required, we reserve the right to modify our proposal or possibly withdraw from the project.

Additional Insured:

Any requirements to name additional insureds on our insurance policies may be subject to additional fees should fees be added to our policy by our carrier.

Payment Terms:

Payment shall be made within (45) days of invoice date. Delayed payment beyond that period is subject to a 1.5% fee per month.

Expiration Date:

This fee proposal is valid for (6) months from the date of issue. HMS Inc. reserves the right to adjust the fee to incorporate the current years rates after the (6) month period.

Change in Scope:

Should the project scope or format change, HMS Inc. reserves the right to modify this proposal. Written approval for work on increased scope items prior to proceeding with additional work will be required.

Prepared By:

Rob Brown, Senior Estimator
RB/sd

4103 Minnesota Drive
Anchorage, AK 99503

P: 907.561.1653
F: 907.562.0420

mail@hmsalaska.com

DATE
9/23/2025
FEE PROPOSAL NO.
P25-09-08
HMS PROJECT NO.
N/A

FEE BREAKDOWN
(2025 SCHEDULE OF RATES)

Project: Airport Waterline Extension
City of Dillingham
Location: Dillingham, Alaska

Client: RESPEC
Prepared By: Rob Brown, Senior Estimator

Discipline	*Rate*		*Hours*		*Subtotal*	*Total Hours*	*Total Fee*
35% Design Estimate:							
Estimator V	217.00	x	2	=	434.00		
Estimator IV	191.00	x	20	=	3,820.00		
Estimator III	180.00	x	10	=	1,800.00		
Estimator II	154.00	x	12	=	1,848.00		
Estimator I	102.00	x	10	=	1,020.00		
Office Support II	102.00	x	4	=	408.00		
Office Support I	76.00	x	4	=	304.00		
Total 35% Design Estimate:						62 Hours	$ 9,634.00

TOTAL:	**62 Hours**	**$ 9,634.00**