



March 2, 2022

Mr. Brad Sontag  
City of Valdez  
Capital Projects and Engineering  
Pioneer Field Airport  
300 Airport Road, STE 201  
Valdez, AK 99686

**Subject: Design Service – Pavement Management Phases IV-VI  
Project No. 22-310-1115**

Dear Mr. Sontag:

Thank you for the opportunity to provide professional services to the City of Valdez (City) for the fourth, fifth, and sixth phases of the pavement management project. The project areas break down as follows:

- Phase IV- Pioneer Drive between Meals Avenue and Hazlet Avenue and Meals Avenue north of Pioneer Drive to the Valdez High School Parking lot.
- Phase V – The followings streets/cul-de-sacs west of Meals Avenue : Alatna Street, Bremner Street, Chena Street, Dadina Street, Foraker Street, and Gulkana Street.
- Phase VI – West Pioneer Drive from Hazlet Avenue to Whalen Avenue, West Lowe Street, West Mendeltna Street, West Nabesna Street, West Oumalik Street, and Pacific Avenue.

We understand that the final construction sets may not follow the above-described phasing based on availability of funds and contracting capacity. We propose to design all phases simultaneously and work with you to group the various streets into up to three distinct plan sets that can be advertised separately. We estimate the final design packages to total over 400 sheets.

### **Phase 1 – Survey and Utility Evaluation (Lump Sum Fee of \$223,898.40)**

Shortly after notice to proceed DOWL's survey team will begin research and precomputations in preparation for the boundary survey. They will schedule the field survey and arrange for utility locates to coincide with the field work.

On-site survey will establish horizontal and vertical control. A topographic survey will extend to front house corners, collecting key features such as driveways, landscaping, utilities, etc. Property corners will be collected in order to establish the right-of-way (ROW). Invert elevations will be collected for storm and sewer utilities. The water main depth will be established with spot elevations at intermittent valve boxes.

Our subcontractor, Coffman Engineers will review available existing CCTV data for the gravity utilities in the project and collect additional CCTV data as needed. They will develop a condition

report for the utilities to identify which sections may need repair or replacement and make recommendations for possible trenchless repair strategies that might be appropriate including magnitude cost estimates for the work.

Assumptions:

- Public works will clean all storm drain catch basins and manholes prior to the field work.
- Project control will be 5/8-inch rebar with aluminum caps.
- Elevations will be set off local benchmarks and transferred throughout the project with digital levels.
- Topographic survey will typically extend from project centerline to front house corners.
- At either end of the project, survey will extend ~100 feet up side streets.
- Work will be performed with a combination of RTK GPS and conventional methods.
- You will provide available CCTV data for previous utility evaluations in the project area.

Deliverables:

- Basemap with existing features and ROW
- Draft and Final Utility Condition Reports

Target Completion Date

- Field Survey and Utility Evaluation: March to May 2022

**Phase 2 – Geotechnical Investigation (Lump Sum Fee of \$77,035.50)**

Based on the regional geology and previous geotechnical explorations in the general vicinity of the project corridors, the scope of the exploration is based on the assumption the site soils generally consist of several feet of gravel material (fill) over silty sand or sandy silt. Should the subsurface conditions encountered not match those anticipated, we will notify the project manager and owner to discuss further investigative options.

We propose to drill 14 test borings to depths of 15 to 20 feet within the existing roadway and utility corridors designated for replacement. Test borings will be drilled using a truck-mounted drill rig fitted with continuous-flight hollow-stem auger. Samples will be obtained at the surface, and depths of 2.5, 5, 7.5, and 10 feet and at 5-foot intervals thereafter using American Society for Testing and Materials (ASTM) standard penetration test equipment and procedures, a modified sampler, or applicable means. The test borings will be logged by a DOWL geologist/engineer.

A slotted three-quarter-inch PVC standpipe will be placed in most of the bore holes to allow monitoring the groundwater level. That level will be checked once after sufficient time has passed for the water levels to stabilize in the standpipes.

Selected samples recovered from the borings will be tested in Anchorage by our laboratory partner, Alaska Testlab, to classify the soils and to determine their basic engineering properties. The specific testing program will depend on the soil conditions and the samples recovered, but will typically include water content, particle-size analyses, and frost classification testing.

The findings of the field and laboratory testing will be analyzed and interpreted, and a letter report will be issued that presents the data obtained from the field exploration and laboratory testing, our analysis and interpretation of the data, recommended geotechnical design parameters for pavements and utility trench sections, and recommendations for associated construction earthwork and construction inspection and testing.

#### Assumptions

- The client will assist with legal entry and access onto the site for DOWL to perform the exploration.
- Traffic control will be required to drill the test borings and will consist of flaggers and signage.
- ROW and lane closure fees will be waived by the City.
- Test borings will be located within existing roadways and are accessible by a truck-mounted drill rig.
- Test boring locations will be marked in the field by DOWL Survey prior to commencing the geotechnical fieldwork.
- Should the subsurface conditions encountered not match those anticipated, we will notify you to discuss further investigative options.
- Backfilling the test borings with cuttings to the ground surface and filling holes in pavement with cold patch before leaving the site will be sufficient.
- Environmental sampling and testing are not included as part of the geotechnical field exploration.
- Wage requirements are not applicable to the geotechnical work.
- Standby fees may be invoiced in addition to the proposed lump sum fee. Standby would only be charged for delays caused by weather or circumstances beyond our control. Standby will be assessed at an additional \$2,250 per day for the drilling subcontractor, \$2,450 per day for the traffic control contractor, and an additional \$135 per hour plus reimbursables for the engineer/geologist.

Deliverables:

- Draft and Final Geotechnical Report

Target Completion Date

- Geotechnical Field Work: May 2022
- Preliminary Geotechnical findings for Design: June 2022
- Geotechnical Report: July 2022

**Phase 3 – 35% Concept Design (Lump Sum Fee of \$111,877.50)**

As the survey effort begins to mobilize, the design team will host a kick-off meeting with Capital Projects staff via teleconference to set expectations and review the proposed schedule. DOWL will meet with the City to review the proposed project scope, schedule, and budget, initiate communication protocols for the project, and identify additional stakeholders who should be involved in subsequent meetings.

Brad Doggett, PE, of DOWL, will be the project manager and sole point of contact for the City. Nick Conway, PE, of DOWL will be the project engineer and will lead the design team. The lighting design will be performed by Davin Blubaugh, PE, of RSA Engineering, Inc.

DOWL will conduct bi-weekly coordination calls with the City project manager to provide progress updates and discuss any design changes. DOWL will update the schedule monthly.

As needed, DOWL will coordinate meetings for project staff and the City to discuss the progress of the project, draft deliverables presented to the City, and stakeholder feedback. DOWL will prepare and submit monthly invoices and progress reports.

Design work will begin with research to obtain all existing as-builts and available geotechnical data. Once the basemap is complete a typical section will be developed in conjunction with two-dimensional linework for the proposed curblines and sidewalks. The depth and materials employed within the typical section will be developed with input from our geotechnical engineers and the City. DOWL will develop cost estimates for typical section alternatives. A rough layout for the lighting system and utilities recommended for repair or replacement will be developed.

Shortly after completion and agreement upon the 35% design, DOWL will make a site visit to both review the design details with the City and present the key concepts of the design at a public meeting.

Assumptions:

- One virtual meeting will be required for the project kickoff
- One trip will be made to Valdez for an initial site visit during the 35% design and a second trip will be made for the public meeting

- Work on utilities not requiring replacement will be limited to adjusting sewer manhole frames and replacing water valve boxes

Deliverables:

- Project schedule
- Summaries of coordination meetings
- Progress reports and invoices
- 35% design (typical section, roadway layout, and cost estimate)

Target Completion Date

- 35% plans and estimate: July 2022
- 35% Review and Public Meeting: Late July/early August 2022

**Phase 4 – 65% Design (Lump Sum Fee of \$105,970.75 (IV) \$122,330.75 (V), and \$127,295.75 (VI))**

DOWL will incorporate feedback from the 35% review and public meeting. A profile and Civil 3D corridor will be created, and rough grading performed. The water, sewer, storm drain, and lighting layouts will be refined, and details will be created. Summary tables will be started, and earthwork quantities refined.

Deliverables:

- Project schedule
- Summaries of coordination meetings
- Progress reports and invoices
- 65% plans, estimate, and specifications outline

Target Completion Date

- 65% plans, estimate, and specifications outline: 45 days following the 35% review submittal.

**Phase 5 – 100% Design (Lump Sum Fee of \$91,314.00 (IV) \$79,294.00 (V), and \$86,593.00 (VI))**

DOWL will incorporate feedback from the 65% review. Final grading and intersection details will be refined as necessary. The water, sewer, storm drain, and lighting designs will be refined as required. All plan sheets and specifications will be finalized as required, with special consideration given for construction phasing and traffic control requirements.

We will provide quantities and an Engineer's estimate of construction costs.

We will work with you to determine which streets are included in each bid package for advertising.

Final bid-ready documents will be signed and sealed for advertisement.

**Assumptions:**

- All feedback and direction from the City on the 65% submittal is received within one week of conference.

**Deliverables:**

- Summaries of coordination meetings
- Progress reports and invoices
- 100% bid-ready plans, specifications, and estimate

**Target Completion Date**

- Final plans, estimate, and specifications outline: 45 days following the 65% design submittal.

**Phase 6: Permitting (Lump Sum Fee of \$6,850.00)**

DOWL will provide all necessary permit applications. We anticipate permits will be required for the any replacement of water main, sewer main or storm drain facilities. Depending on the extent of changes to the storm drain or sewer systems and their proximity to the water main, several Department of Environmental Conservation plan reviews and/or waivers may be required.

**Assumptions:**

- The City will pay all applicable permit fees.
- The only formal lighting system review will be done by the State Fire Marshall and any associated fees will be paid by the City.

### **Phase 7: Public Outreach (Lump Sum Fee of \$77,280.00)**

DOWL will develop and implement a public involvement plan that will outline the public involvement process. This plan will be updated as needed throughout the entire public involvement process.

We will work with the City to establish a list of participants to participate in an Advisory Group. The group will be approximately 15 members and consist of each discrete stakeholder group. We assume the advisory group will meet every two weeks with the first meeting occurring within approximately 45 days after receiving NTP. Meetings will be held virtually via Teams. DOWL will prepare the agenda, presentation materials, and meeting minutes. The meeting information will be posted on the project webpage.

We will conduct two in-person open house meetings in Valdez. The first open house meeting will occur during the concept design activities and the second meeting will be held following design and evaluation and prior to anticipated construction. DOWL will prepare the meeting materials, present the materials and provide a meeting summary. DOWL will also collect and compile community and advisory group comments. The comment received throughout the project will be summarized and provided to the City.

We will have bi-weekly meeting with the team to discuss upcoming meeting, schedule, and any other project related information. This information will be used to provide updates to the community and advisory group. We have assumed that the meetings be one-hour in length and be a duration of seven months from project kick-off.

We will provide a project website that will be updated during the duration of the project. We will also develop an interactive map using Social Pinpoint that will be available on the website to further engage stakeholders and gather input. Both project website and interactive map will be accessible via the City's website with a link.

We will prepare the open house meeting postcard, flyers, and door hanger for the two open house meeting. We have assumed that the postcard and door hangers will be provided to residents and businesses within 500 feet of the project. DOWL will also be responsible for distributing the door hangars and flyers prior to the open house meetings. DOWL will also provide information for the two open house meetings that can be posted to the City's Facebook page and on-line local newspaper.

#### **Deliverables:**

- Public Involvement Plan
- Project stakeholder mail/email list
- Project website

#### **Assumptions:**

- One public involvement staff member will travel to Valdez for the public meeting

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Target Completion Date

- N/A: Phase runs through project

### Construction Administration

Construction Administration services are not included at this time. For budgeting purposes, we recommend using \$25,000 per month for a fully staffed construction administration person during active construction.

### Fee Summary

Phase 1 – Survey and utility Evaluation (Lump Sum)	\$223,898.40
Phase 2 – Geotechnical Investigation (Lump Sum)	\$ 77,035.50
Phase 3 – 35% Design (Lump Sum)	\$111,877.70
Phase 4 – 65% Design (Lump Sum)	\$355,597.25
Section IV	\$105,970.75
Section V	\$122,330.75
Section VI	\$127,295.75
Phase 5 – 100% Design (Lump Sum)	\$257,201.00
Section IV	\$ 91,314.00
Section V	\$ 79,294.00
Section VI	\$ 86,593.00
Phase 6 - Permitting (Lump Sum)	\$ 6,850.00
Phase 7 - Public Outreach (Lump Sum)	\$ 77,280.00
<b>TOTAL FEE PROPOSAL =</b>	<b>\$1,109,739.85</b>

A fee estimate summarizing the various tasks associated with each phase is attached. Please let me know if you have any questions or would like additional information.

Sincerely,



DOWL  
Bradley M. Melocik, P.E., P.H.  
Senior Project Manager

DOWL  
Stewart G. Osgood, P.E.  
President and CEO





<b>Project: Valdez Pavement Mangement IV,V,VI</b> <b>Client: City of Valdez</b> <b>Project or Contract #: 1122.63461.00</b> <b>2/25/2022</b>							Prepared By: <b>BSD</b>  Reviewed By: <b>BMM</b>
<b>Summary</b>							
Phase Name	Task		Labor Subtotal		Direct Expenses Subtotal	Subconsultants	Project Totals
			Hours	Cost			
Survey And Utility Evaluation	1	Project Management	12	\$ 2,490.00	\$ -	\$ -	\$ 2,490.00
	2	Research and Logistics	15	\$ 2,490.00	\$ -	\$ -	\$ 2,490.00
	3	Travel and Mobilization	32	\$ 7,040.00	\$ 1,480.00	\$ -	\$ 8,520.00
	4	Utility Locates	24	\$ 4,530.00	\$ -	\$ -	\$ 4,530.00
	5	Site Survey	104	\$ 22,880.00	\$ 4,160.00	\$ -	\$ 27,040.00
	6	ROW Survey	58	\$ 9,970.00	\$ 2,080.00	\$ -	\$ 12,050.00
	7	Survey Control	24	\$ 5,280.00	\$ 1,560.00	\$ -	\$ 6,840.00
	8	Utility Asbuilts (SS/SD)	48	\$ 10,560.00	\$ 3,120.00	\$ -	\$ 13,680.00
	9	Calculations	75	\$ 7,650.00	\$ -	\$ -	\$ 7,650.00
	10	Drafting	128	\$ 12,790.00	\$ -	\$ -	\$ 12,790.00
	11	Reporting	39	\$ 4,230.00	\$ -	\$ -	\$ 4,230.00
	12	QC	24	\$ 4,065.00	\$ -	\$ -	\$ 4,065.00
	13	Utility Condition Evaluation	4	\$ 820.00	\$ -	\$ 116,703.40	\$ 117,523.40
	14		-	\$ -	\$ -	\$ -	\$ -
<input type="checkbox"/> F&M <input checked="" type="checkbox"/> Lump Sum <input type="checkbox"/> Other _____			<b>Subtotal</b>	<b>587</b>	<b>\$ 94,795.00</b>	<b>\$ 12,400.00</b>	<b>\$ 116,703.40</b>
Geotechnical Investigation	1	Task Management/Meetings	5	\$ 920.00	\$ -	\$ -	\$ 920.00
	2	Coordination/Permitting	3	\$ 450.00	\$ -	\$ -	\$ 450.00
	3	Safety Planning	2	\$ 270.00	\$ -	\$ -	\$ 270.00
	4	Geotechnical Research	2	\$ 270.00	\$ -	\$ -	\$ 270.00
	5	Utility Locates	6	\$ 810.00	\$ -	\$ -	\$ 810.00
	6	Travel	16	\$ 2,160.00	\$ 1,074.00	\$ -	\$ 3,234.00
	7	Mobilization/Demobilization	4	\$ 540.00	\$ -	\$ 6,600.00	\$ 7,140.00
	8	Test Hole Logging	48	\$ 6,480.00	\$ 1,475.00	\$ 36,586.00	\$ 44,541.00
	9	Groundwater Level Measurements	8	\$ 1,080.00	\$ -	\$ -	\$ 1,080.00
	10	Laboratory Testing	4	\$ 540.00	\$ -	\$ 5,010.50	\$ 5,550.50
	11	Geotechnical Analysis	30	\$ 4,500.00	\$ -	\$ -	\$ 4,500.00
	12	Draft Report Preparation	28	\$ 4,170.00	\$ -	\$ -	\$ 4,170.00
	13	Draft Report QC/Peer Review	9	\$ 1,645.00	\$ -	\$ -	\$ 1,645.00
	14	Final Report Preparation	10	\$ 1,530.00	\$ -	\$ -	\$ 1,530.00
	15	Final Report QC/Peer Review	5	\$ 925.00	\$ -	\$ -	\$ 925.00
	16		-	\$ -	\$ -	\$ -	\$ -
<input type="checkbox"/> F&M <input checked="" type="checkbox"/> Lump Sum <input type="checkbox"/> Other _____			<b>Subtotal</b>	<b>180</b>	<b>\$ 26,290.00</b>	<b>\$ 2,549.00</b>	<b>\$ 48,196.50</b>
							<b>\$ 77,035.50</b>



Project: Valdez Pavement Mangement IV,V,VI							Prepared By: <b>BSD</b>	
Client: City of Valdez								
Project or Contract #: 1122.63461.00								
2/25/2022							Reviewed By: <b>BMM</b>	
Summary								
Phase Name	Task			Labor Subtotal		Direct Expenses Subtotal	Subconsultants	Project Totals
				Hours	Cost			
35% Design	1	Project Administration		20	\$ 4,100.00	\$ -	\$ -	\$ 4,100.00
	2	Kick-Off Meeting with City of Valdez		9	\$ 1,680.00	\$ 1,640.00	\$ -	\$ 3,320.00
	3	Progress Reports/Monthly Meetings/Schedule Updates		18	\$ 3,360.00	\$ -	\$ -	\$ 3,360.00
	4	35% Design Development		-	\$ -	\$ -	\$ -	\$ -
	5	Typical Sections		134	\$ 18,920.00	\$ -	\$ -	\$ 18,920.00
	6	Roadway Design		288	\$ 39,640.00	\$ -	\$ -	\$ 39,640.00
	7	Design QC		20	\$ 4,100.00	\$ -	\$ -	\$ 4,100.00
	8	Cost Evaluation of Alternatives		68	\$ 10,880.00	\$ -	\$ -	\$ 10,880.00
	9	35% Design Review Meeting in Valdez		48	\$ 7,760.00	\$ 1,640.00	\$ -	\$ 9,400.00
	10	Lighting Design		-	\$ -	\$ -	\$ 18,157.70	\$ 18,157.70
	11			-	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/> T&M <input checked="" type="checkbox"/> Lump Sum <input type="checkbox"/> Other			Subtotal	605	\$ 90,440.00	\$ 3,280.00	\$ 18,157.70
65% Design, Phase IV	1	Project Administration		30	\$ 5,490.00	\$ -	\$ -	\$ 5,490.00
	2	Progress Reports/Monthly Meetings/Schedule Updates		24	\$ 4,480.00	\$ -	\$ -	\$ 4,480.00
	3	65% Design Development		-	\$ -	\$ 1,120.00	\$ -	\$ 1,120.00
	4	Plans		424	\$ 59,120.00	\$ -	\$ -	\$ 59,120.00
	5	Specifications		66	\$ 10,160.00	\$ -	\$ -	\$ 10,160.00
	6	Estimate		62	\$ 8,700.00	\$ -	\$ -	\$ 8,700.00
	7	Design QC		20	\$ 4,100.00	\$ -	\$ -	\$ 4,100.00
	8	Design Review Meeting		12	\$ 2,240.00	\$ 1,120.00	\$ -	\$ 3,360.00
	9	Lighting Design		-	\$ -	\$ -	\$ 9,440.75	\$ 9,440.75
	10			-	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/> T&M <input checked="" type="checkbox"/> Lump Sum <input type="checkbox"/> Other			Subtotal	638	\$ 94,290.00	\$ 2,240.00	\$ 9,440.75
100% Design, Phase IV	1	Project Administration		6	\$ 1,230.00	\$ -	\$ -	\$ 1,230.00
	2	Progress Reports/Monthly Meetings/Schedule Updates		8	\$ 1,530.00	\$ -	\$ -	\$ 1,530.00
	3	100% Design Development		-	\$ -	\$ -	\$ -	\$ -
	4	Plans		496	\$ 69,700.00	\$ -	\$ -	\$ 69,700.00
	5	Specifications		30	\$ 4,400.00	\$ -	\$ -	\$ 4,400.00
	6	Estimate		30	\$ 4,290.00	\$ -	\$ -	\$ 4,290.00
	7	Design QC		20	\$ 4,100.00	\$ -	\$ -	\$ 4,100.00
	8	Advertisement/Bidding Assistance		24	\$ 3,820.00	\$ -	\$ -	\$ 3,820.00
	9	Lighting Design		-	\$ -	\$ -	\$ 2,244.00	\$ 2,244.00
	10			-	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/> T&M <input checked="" type="checkbox"/> Lump Sum <input type="checkbox"/> Other			Subtotal	614	\$ 89,070.00	\$ -	\$ 2,244.00



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<b>Summary</b>							
Phase Name	Task		Labor Subtotal		Direct Expenses Subtotal	Subconsultants	Project Totals
			Hours	Cost			
65% Design, Phase V	1	Project Administration	26	\$ 4,780.00	\$ -	\$ -	\$ 4,780.00
	2	Progress Reports/Monthly Meetings/Schedule Updates	20	\$ 3,660.00	\$ -	\$ -	\$ 3,660.00
	3	65% Design Development	-	\$ -	\$ -	\$ -	\$ -
	4	Plans	564	\$ 79,120.00	\$ 1,120.00	\$ -	\$ 80,240.00
	5	Specifications	58	\$ 9,040.00	\$ -	\$ -	\$ 9,040.00
	6	Estimate	62	\$ 8,700.00	\$ -	\$ -	\$ 8,700.00
	7	Design QC	20	\$ 4,100.00	\$ -	\$ -	\$ 4,100.00
	8	Design Review Meeting	12	\$ 2,240.00	\$ 1,120.00	\$ -	\$ 3,360.00
	9	Lighting Design	-	\$ -	\$ -	\$ 8,450.75	\$ 8,450.75
	10		-	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/> F&M	<input checked="" type="checkbox"/> Lump Sum <input type="checkbox"/> Other	<b>Subtotal</b>	<b>762</b>	<b>\$ 111,640.00</b>	<b>\$ 2,240.00</b>	<b>\$ 8,450.75</b>
100% Design, Phase V	1	Project Administration	6	\$ 1,230.00	\$ -	\$ -	\$ 1,230.00
	2	Progress Reports/Monthly Meetings/Schedule Updates	8	\$ 1,530.00	\$ -	\$ -	\$ 1,530.00
	3	100% Design Development	-	\$ -	\$ -	\$ -	\$ -
	4	Plans	420	\$ 58,720.00	\$ -	\$ -	\$ 58,720.00
	5	Specifications	24	\$ 3,580.00	\$ -	\$ -	\$ 3,580.00
	6	Estimate	30	\$ 4,290.00	\$ -	\$ -	\$ 4,290.00
	7	Design QC	20	\$ 4,100.00	\$ -	\$ -	\$ 4,100.00
	8	Advertisement/Bidding Assistance	24	\$ 3,820.00	\$ -	\$ -	\$ 3,820.00
	9	Lighting Design	-	\$ -	\$ -	\$ 2,024.00	\$ 2,024.00
	10		-	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/> F&M	<input checked="" type="checkbox"/> Lump Sum <input type="checkbox"/> Other	<b>Subtotal</b>	<b>532</b>	<b>\$ 77,270.00</b>	<b>\$ -</b>	<b>\$ 2,024.00</b>
65% Design, Phase VI	1	Project Administration	26	\$ 4,780.00	\$ -	\$ -	\$ 4,780.00
	2	Progress Reports/Monthly Meetings/Schedule Updates	20	\$ 3,660.00	\$ -	\$ -	\$ 3,660.00
	3	65% Design Development	-	\$ -	\$ -	\$ -	\$ -
	4	Plans	596	\$ 83,380.00	\$ 1,120.00	\$ -	\$ 84,500.00
	5	Specifications	62	\$ 9,600.00	\$ -	\$ -	\$ 9,600.00
	6	Estimate	68	\$ 9,560.00	\$ -	\$ -	\$ 9,560.00
	7	Design QC	20	\$ 4,100.00	\$ -	\$ -	\$ 4,100.00
	8	Design Review Meeting	12	\$ 2,240.00	\$ 1,120.00	\$ -	\$ 3,360.00
	9	Lighting Design	-	\$ -	\$ -	\$ 7,735.75	\$ 7,735.75
	10		-	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/> F&M	<input checked="" type="checkbox"/> Lump Sum <input type="checkbox"/> Other	<b>Subtotal</b>	<b>804</b>	<b>\$ 117,320.00</b>	<b>\$ 2,240.00</b>	<b>\$ 7,735.75</b>



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<b>Summary</b>							
Phase Name	Task		Labor Subtotal		Direct Expenses Subtotal	Subconsultants	Project Totals
			Hours	Cost			
100% Design, Phase VI	1	Project Administration	6	\$ 1,230.00	\$ -	\$ -	\$ 1,230.00
	2	Progress Reports/Monthly Meetings/Schedule Updates	8	\$ 1,530.00	\$ -	\$ -	\$ 1,530.00
	3	100% Design Development	-	\$ -	\$ -	\$ -	\$ -
	4	Plans	464	\$ 65,130.00	\$ -	\$ -	\$ 65,130.00
	5	Specifications	28	\$ 4,140.00	\$ -	\$ -	\$ 4,140.00
	6	Estimate	34	\$ 4,850.00	\$ -	\$ -	\$ 4,850.00
	7	Design QC	20	\$ 4,100.00	\$ -	\$ -	\$ 4,100.00
	8	Advertisement/Bidding Assistance	24	\$ 3,820.00	\$ -	\$ -	\$ 3,820.00
	9	Lighting Design	-	\$ -	\$ -	\$ 1,793.00	\$ 1,793.00
	<input type="checkbox"/> T&M	<input checked="" type="checkbox"/> Lump Sum <input type="checkbox"/> Other	<b>Subtotal</b>	<b>584</b>	<b>\$ 84,800.00</b>	<b>\$ -</b>	<b>\$ 1,793.00</b>
Permitting	1	DEC Stormwater Plan Review	10	\$ 1,610.00	\$ -	\$ -	\$ 1,610.00
	2	DEC Wastewater Plan Review	16	\$ 2,620.00	\$ -	\$ -	\$ 2,620.00
	3	DEC Drinking Water	16	\$ 2,620.00	\$ -	\$ -	\$ 2,620.00
	4		-	\$ -	\$ -	\$ -	\$ -
	<input type="checkbox"/> T&M	<input checked="" type="checkbox"/> Lump Sum <input type="checkbox"/> Other	<b>Subtotal</b>	<b>42</b>	<b>\$ 6,850.00</b>	<b>\$ -</b>	<b>\$ 6,850.00</b>



<div> <div>Project: Valdez Pavement Mangement IV,V,VI</div> <div>Client: City of Valdez</div> <div>Project or Contract #: 1122.63461.00</div> <div>2/25/2022</div> </div>							<div>Prepared By:</div> <div>BSD</div> <div>Reviewed By:</div> <div>BMM</div>
Summary							
Phase Name	Task		Labor Subtotal		Direct Expenses Subtotal	Subconsultants	Project Totals
			Hours	Cost			
Public Outreach	1	Project Management	25	\$ 4,325.00	\$ -	\$ -	\$ 4,325.00
	2	Public Involvement Plan	42	\$ 5,700.00	\$ -	\$ -	\$ 5,700.00
	3	Advisory Group	-	\$ -	\$ -	\$ -	\$ -
	4	Advisory Group Initiation	20	\$ 3,250.00	\$ -	\$ -	\$ 3,250.00
	5	Advisory Group meetings/follow-up	50	\$ 8,650.00	\$ -	\$ -	\$ 8,650.00
	6		-	\$ -	\$ -	\$ -	\$ -
	7	Community Meetings	-	\$ -	\$ -	\$ -	\$ -
	8	OH1 planning, advertising, attending, and follow-ups	40	\$ 5,975.00	\$ -	\$ -	\$ 5,975.00
	9	OH2 planning, advertising, attending, and follow-ups	40	\$ 5,975.00	\$ -	\$ -	\$ 5,975.00
	10	Stakeholder comment responses	60	\$ 7,650.00	\$ -	\$ -	\$ 7,650.00
	11	Stakeholder comment responses	-	\$ -	\$ -	\$ -	\$ -
	12		-	\$ -	\$ -	\$ -	\$ -
	13	Agency & Team Meetings/Coordination	50	\$ 8,650.00	\$ -	\$ -	\$ 8,650.00
	14		-	\$ -	\$ -	\$ -	\$ -
	15	Advertising	-	\$ -	\$ -	\$ -	\$ -
	16	Social Media Updates (City Facebook page)	34	\$ 4,160.00	\$ -	\$ -	\$ 4,160.00
	17	Door hangers (development)	36	\$ 4,380.00	\$ -	\$ -	\$ 4,380.00
	18	Website Development, ongoing management	55	\$ 7,625.00	\$ -	\$ -	\$ 7,625.00
	19	Interactive map development and management	40	\$ 5,750.00	\$ -	\$ -	\$ 5,750.00
	20	Public Workshop #1	-	\$ -	\$ 1,640.00	\$ -	\$ 1,640.00
	21	Public Workshop #2	-	\$ -	\$ 1,640.00	\$ -	\$ 1,640.00
	22	Postcard mailing	-	\$ -	\$ 500.00	\$ -	\$ 500.00
	23	Newspaper ads	-	\$ -	\$ 600.00	\$ -	\$ 600.00
	24	Flyer and Door Hanger Printing	-	\$ -	\$ 810.00	\$ -	\$ 810.00
	25		-	\$ -	\$ -	\$ -	\$ -
<div> <div>T&amp;M</div> <div><input checked="" type="checkbox"/> Lump Sum</div> <div><input type="checkbox"/> Other</div> </div>			Subtotal	492	\$ 72,090.00	\$ 5,190.00	\$ 77,280.00
TOTAL			5840	\$ 864,855.00	\$ 30,139.00	\$ 214,745.85	\$ 1,109,739.85

**Valdez Pavement Mangement IV,V,VI**

Client: City of Valdez

Project or Contract #: 1122.63461.00

2/25/2022

Prepared By:

BSD

Reviewed By:

BMM

**Labor**

Phase Name	Task	PM/CM	Design Engineer	Design Engineer	Utility Engineer	Tech III	Survey Manager	Senior Tech	Survey Tech	Survey Crew	Sr. Geotech	GEO Task Manager	Field Geo/Staff Eng.	Planner XI	Accounting	Public involvement planner	GIS Services	Graphic Designer	Admin Manager	Labor Subtotal	
		BSD/BMM	NMC	WL	IM	MC	WS	MD	BL	MW/PA	JEH/KDJ	KAN	PEP/MWB	LMC	SAB		CH		GS	Hours	Cost
Survey And Utility Evaluation	1 Project Management	6					6													12	\$ 2,490.00
	2 Research and Logistics							9		6										15	\$ 2,490.00
	3 Travel and Mobilization									32										32	\$ 7,040.00
	4 Utility Locates								6	18										24	\$ 4,530.00
	5 Site Survey									104										104	\$ 22,880.00
	6 ROW Survey							6	18	34										58	\$ 9,970.00
	7 Survey Control									24										24	\$ 5,280.00
	8 Utility Asbuilts (SS/SD)									48										48	\$ 10,560.00
	9 Calculations							15	60											75	\$ 7,650.00
	10 Drafting							18	110											128	\$ 12,790.00
	11 Reporting							15	24											39	\$ 4,230.00
	12 QC	3					9	12												24	\$ 4,065.00
	13 Utility Condition Evaluation	4																		4	\$ 820.00
	14 -																			-	\$ -
Subtotal		13	-	-	-	-	15	75	218	266	-	-	-	-	-	-	-	-	-	587	\$ 94,795.00
Geotechnical Investigation	1 Task Management/Meetings	2										2			1					5	\$ 920.00
	2 Coordination/Permitting											1	2							3	\$ 450.00
	3 Safety Planning												2							2	\$ 270.00
	4 Geotechnical Research												2							2	\$ 270.00
	5 Utility Locates												6							6	\$ 810.00
	6 Travel												16							16	\$ 2,160.00
	7 Mobilization/Demobilization												4							4	\$ 540.00
	8 Test Hole Logging												48							48	\$ 6,480.00
	9 Groundwater Level Measurements												8							8	\$ 1,080.00
	10 Laboratory Testing												4							4	\$ 540.00
	11 Geotechnical Analysis										10		20							30	\$ 4,500.00
	12 Draft Report Preparation					4					10		14							28	\$ 4,170.00
	13 Draft Report QC/Peer Review	1									4	4								9	\$ 1,645.00
	14 Final Report Preparation										4		6							10	\$ 1,530.00
	15 Final Report QC/Peer Review	1									2	2								5	\$ 925.00
	16 -																			-	\$ -
Subtotal		4	-	-	-	4	-	-	-	-	30	9	132	-	1	-	-	-	-	180	\$ 26,290.00
35% Design	1 Project Administration	20																		20	\$ 4,100.00
	2 Kick-Off Meeting with City of Valdez	6	3																	9	\$ 1,680.00
	3 Progress Reports/Monthly Meetings/Schedule Updates	12	6																	18	\$ 3,360.00
	4 35% Design Development																			-	\$ -
	5 Typical Sections	4	30	40		40					20									134	\$ 18,920.00
	6 Roadway Design	8	40	80	40	120														288	\$ 39,640.00
	7 Design QC	20																		20	\$ 4,100.00
	8 Cost Evaluation of Alternatives	24	12	32																68	\$ 10,880.00
	9 35% Design Review Meeting in Valdez	16	16	16																48	\$ 7,760.00
	10 Lighting Design																			-	\$ -
	11 -																			-	\$ -
Subtotal		110	107	168	40	160	-	-	-	-	20	-	-	-	-	-	-	-	-	605	\$ 90,440.00
65% Design, Phase IV	1 Project Administration	18	12																	30	\$ 5,490.00
	2 Progress Reports/Monthly Meetings/Schedule Updates	16	8																	24	\$ 4,480.00
	3 65% Design Development																			-	\$ -
	4 Plans	24	20	80	80	220														424	\$ 59,120.00
	5 Specifications	8	24	24	10															66	\$ 10,160.00
	6 Estimate	4	20	32		6														62	\$ 8,700.00
	7 Design QC	20																		20	\$ 4,100.00
	8 Design Review Meeting	8	4																	12	\$ 2,240.00
	9 Lighting Design																			-	\$ -
	10 -																			-	\$ -
Subtotal		98	88	136	90	226	-	-	-	-	-	-	-	-	-	-	-	-	-	638	\$ 94,290.00

**Valdez Pavement Mangement IV,V,VI**

Client: City of Valdez

Project or Contract #: 1122.63461.00

2/25/2022

Prepared By:

BSD

Reviewed By:

BMM

**Labor**

Phase Name	Task	PM/CM	Design Engineer	Design Engineer	Utility Engineer	Tech III	Survey Manager	Senior Tech	Survey Tech	Surey Crew	Sr. Geotech	GEO Task Manager	Field Geo/Staff Eng.	Planner XI	Accounting	Public involvement planner	GIS Services	Graphic Designer	Admin Manager	Labor Subtotal	
		BSD/BMM	NMC	WL	IM	MC	WS	MD	BL	MW/PA	JEH/KDJ	KAN	PEP/MWB	LMC	SAB		CH		GS	Hours	Cost
100% Design, Phase IV	1 Project Administration	6																		6	\$ 1,230.00
	2 Progress Reports/Monthly Meetings/Schedule Updates	6	2																	8	\$ 1,530.00
	3 100% Design Development																			-	\$ -
	4 Plans	20	80	140	72	180	4													496	\$ 69,700.00
	5 Specifications	4	10	16																30	\$ 4,400.00
	6 Estimate	2	12	16																30	\$ 4,290.00
	7 Design QC	20																		20	\$ 4,100.00
	8 Advertisement/Bidding Assistance	4	20																	24	\$ 3,820.00
	9 Lighting Design	-																		-	\$ -
	10 -	-																		-	\$ -
Subtotal		62	124	172	72	180	4	-	-	-	-	-	-	-	-	-	-	-	-	614	\$ 89,070.00
65% Design, Phase V	1 Project Administration	16	10																	26	\$ 4,780.00
	2 Progress Reports/Monthly Meetings/Schedule Updates	12	8																	20	\$ 3,660.00
	3 65% Design Development																			-	\$ -
	4 Plans	24	100	160	80	200														564	\$ 79,120.00
	5 Specifications	8	20	20	10															58	\$ 9,040.00
	6 Estimate	4	20	32		6														62	\$ 8,700.00
	7 Design QC	20																		20	\$ 4,100.00
	8 Design Review Meeting	8	4																	12	\$ 2,240.00
	9 Lighting Design	-																		-	\$ -
	10 -	-																		-	\$ -
Subtotal		92	162	212	90	206	-	-	-	-	-	-	-	-	-	-	-	-	-	762	\$ 111,640.00
100% Design, Phase V	1 Project Administration	6																		6	\$ 1,230.00
	2 Progress Reports/Monthly Meetings/Schedule Updates	6	2																	8	\$ 1,530.00
	3 100% Design Development																			-	\$ -
	4 Plans	16	60	120	60	160	4													420	\$ 58,720.00
	5 Specifications	4	8	12																24	\$ 3,580.00
	6 Estimate	2	12	16																30	\$ 4,290.00
	7 Design QC	20																		20	\$ 4,100.00
	8 Advertisement/Bidding Assistance	4	20																	24	\$ 3,820.00
	9 Lighting Design	-																		-	\$ -
	10 -	-																		-	\$ -
Subtotal		58	102	148	60	160	4	-	-	-	-	-	-	-	-	-	-	-	-	532	\$ 77,270.00
65% Design, Phase VI	1 Project Administration	16	10																	26	\$ 4,780.00
	2 Progress Reports/Monthly Meetings/Schedule Updates	12	8																	20	\$ 3,660.00
	3 65% Design Development																			-	\$ -
	4 Plans	24	110	172	80	210														596	\$ 83,380.00
	5 Specifications	8	22	22	10															62	\$ 9,600.00
	6 Estimate	4	24	34		6														68	\$ 9,560.00
	7 Design QC	20																		20	\$ 4,100.00
	8 Design Review Meeting	8	4																	12	\$ 2,240.00
	9 Lighting Design	-																		-	\$ -
	10 -	-																		-	\$ -
Subtotal		92	178	228	90	216	-	-	-	-	-	-	-	-	-	-	-	-	-	804	\$ 117,320.00
100% Design, Phase VI	1 Project Administration	6																		6	\$ 1,230.00
	2 Progress Reports/Monthly Meetings/Schedule Updates	6	2																	8	\$ 1,530.00
	3 100% Design Development																			-	\$ -
	4 Plans	18	72	132	68	170	4													464	\$ 65,130.00
	5 Specifications	4	10	14																28	\$ 4,140.00
	6 Estimate	2	14	18																34	\$ 4,850.00
	7 Design QC	20																		20	\$ 4,100.00
	8 Advertisement/Bidding Assistance	4	20																	24	\$ 3,820.00
	9 Lighting Design	-																		-	\$ -
	10 -	-																		-	\$ -
Subtotal		60	118	164	68	170	4	-	-	-	-	-	-	-	-	-	-	-	-	584	\$ 84,800.00
Permitting	1 DEC Stormwater Plan Review	2	8																	10	\$ 1,610.00
	2 DEC Wastewater Plan Review	4	12																	16	\$ 2,620.00
	3 DEC Drinking Water	4	12																	16	\$ 2,620.00
	4 -	-																		-	\$ -
Subtotal		10	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	\$ 6,850.00
	1 Project Management													15		10				25	\$ 4,325.00
	2 Public Involvement Plan													10		30			2	42	\$ 5,700.00
	3 Advisory Group																			-	\$ -
	4 Advisory Group Initiation													10		10				20	\$ 3,250.00
	5 Advisory Group meetings/follow-up													30		20				50	\$ 8,650.00
	6 -																			-	\$ -
	7 Community Meetings																			-	\$ -
	8 OH1 planning, advertising, attending, and follow-ups													15		25				40	\$ 5,975.00
	9 OH2 planning, advertising, attending, and follow-ups													15		25				40	\$ 5,975.00



**Valdez Pavement Mangement IV,V,VI**

Client: City of Valdez

Project or Contract #: 1122.63461.00

2/25/2022

Prepared By:

BSD

Reviewed By:

BMM

**Labor**

Phase Name	Task	PM/CM	Design Engineer	Design Engineer	Utility Engineer	Tech III	Survey Manager	Senior Tech	Survey Tech	Survey Crew	Sr. Geotech	GEO Task Manager	Field Geo/Staff Eng.	Planner XI	Accounting	Public Involvement planner	GIS Services	Graphic Designer	Admin Manager	Labor Subtotal	
		BSD/BMM \$ 205/hour	NMC \$ 150/hour	WL \$ 130/hour	IM \$ 180/hour	MC \$ 120/hour	WS \$ 210/hour	MD \$ 130/hour	BL \$ 95/hour	MW/PA \$ 220/hour	JEH/KDJ \$ 180/hour	KAN \$ 180/hour	PEP/MWB \$ 135/hour	LMC \$ 215/hour	SAB \$ 150/hour	\$ 110/hour	CH \$ 155/hour	\$ 110/hour	GS \$ 125/hour	Hours	Cost
Public Outreach	10 Stakeholder comment responses													10		50				60	\$ 7,650.00
	11 Stakeholder comment responses																			-	\$ -
	12 -																			-	\$ -
	13 Agency & Team Meetings/Coordination													30		20				50	\$ 8,650.00
	14 -																			-	\$ -
	15 Advertising																			-	\$ -
	16 Social Media Updates (City Facebook page)													4		30				34	\$ 4,160.00
	17 Door hangers (development)													4		16		16		36	\$ 4,380.00
	18 Website Development, ongoing management													15		30		10		55	\$ 7,625.00
	19 Interactive map development and management															10	30			40	\$ 5,750.00
	20 Public Workshop #1																			-	\$ -
	21 Public Workshop #2																			-	\$ -
	22 Postcard mailing																			-	\$ -
	23 Newspaper ads																			-	\$ -
	24 Flyer and Door Hanger Printing																			-	\$ -
	25 -																			-	\$ -
Subtotal		-	-	-	-	-	-	-	-	-	-	-	-	158	-	276	30	26	2	492	\$ 72,090.00
LABOR HOUR TOTAL		599	911	1228	510	1322	27	75	218	266	50	9	132	158	1	276	30	26	2	5840	
LABOR COST TOTAL		\$122,795.00	\$ 136,650.00	\$ 159,640.00	\$91,800.00	\$158,640.00	\$ 5,670.00	\$ 9,750.00	\$20,710.00	\$58,520.00	\$ 9,000.00	\$ 1,620.00	\$17,820.00	\$33,970.00	\$ 150.00	\$30,360.00	\$ 4,650.00	\$ 2,860.00	\$ 250.00		\$ 864,855.00





Expenses			Valdez Pavement Mangement IV,V,VI										Prepared By:			
			Client: City of Valdez Project or Contract #: 1122.63461.00 2/25/2022										BSD			
													Reviewed By:			
													BMM			
Phase Name	Task		Travel, Mileage, & Misc. Subtotal								Direct Expenses Subtotal	% Mark Up	Total w/ Mark Up			
			Per Diem (State)		Lodging (State)		Vehicle Miles		Travel, Mileage, & Misc. Subtotal	Supplies					*Other Expenses	
				Total		Total	Autos	Total	Cost							
			\$110/day	Cost	\$150/night	Cost	\$ 1.00	Cost								
Survey And Utility Evaluation	1	Project Management		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	2	Research and Logistics		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	3	Travel and Mobilization	8	\$ 880.00	4	\$ 600.00		\$ -	\$ 1,480.00			\$ 1,480.00	0%	\$ 1,480.00		
	4	Utility Locates		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	5	Site Survey	16	\$ 1,760.00	16	\$ 2,400.00		\$ -	\$ 4,160.00			\$ 4,160.00	0%	\$ 4,160.00		
	6	ROW Survey	8	\$ 880.00	8	\$ 1,200.00		\$ -	\$ 2,080.00			\$ 2,080.00	0%	\$ 2,080.00		
	7	Survey Control	6	\$ 660.00	6	\$ 900.00		\$ -	\$ 1,560.00			\$ 1,560.00	0%	\$ 1,560.00		
	8	Utility Asbuilts (SS/SD)	12	\$ 1,320.00	12	\$ 1,800.00		\$ -	\$ 3,120.00			\$ 3,120.00	0%	\$ 3,120.00		
	9	Calculations		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	10	Drafting		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	11	Reporting		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	12	QC		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	13	Utility Condition Evaluation		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	14	-		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
		Subtotal	50	\$ 5,500.00	46	\$ 6,900.00	-	\$ -	\$ 12,400.00	\$ -	\$ -	\$ 12,400.00		\$ 12,400.00		
Geotechnical Investigation	1	Task Management/Meetings		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	2	Coordination/Permitting		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	3	Safety Planning		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	4	Geotechnical Research		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	5	Utility Locates		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	6	Travel	1	\$ 110.00	1	\$ 150.00	600	\$ 600.00	\$ 860.00		\$ 214.00	\$ 1,074.00	0%	\$ 1,074.00	ANC-VDZ	
	7	Mobilization/Demobilization		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	8	Test Hole Logging	5	\$ 550.00	5	\$ 750.00	25	\$ 25.00	\$ 1,325.00	\$ 150.00		\$ 1,475.00	0%	\$ 1,475.00		
	9	Groundwater Level Measurements		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	10	Laboratory Testing		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	11	Geotechnical Analysis		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	12	Draft Report Preparation		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	13	Draft Report QC/Peer Review		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	14	Final Report Preparation		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	15	Final Report QC/Peer Review		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	16	-		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	Subtotal	6	\$ 660.00	6	\$ 900.00	625	\$ 625.00	\$ 2,185.00	\$ 150.00	\$ 214.00	\$ 2,549.00		\$ 2,549.00			
35% Design	1	Project Administration		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	2	Kick-Off Meeting with City of Valdez	4	\$ 440.00	4	\$ 600.00		\$ -	\$ 1,040.00		\$ 600.00	\$ 1,640.00	0%	\$ 1,640.00	airfare and rental car or mileage	
	3	Progress Reports/Monthly Meetings/Schedule Updates		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	4	35% Design Development		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	5	Typical Sections		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	6	Roadway Design		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	7	Design QC		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	8	Cost Evaluation of Alternatives		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	9	35% Design Review Meeting in Valdez	4	\$ 440.00	4	\$ 600.00		\$ -	\$ 1,040.00		\$ 600.00	\$ 1,640.00	0%	\$ 1,640.00	airfare and rental car or mileage	



Expenses			Valdez Pavement Mangement IV,V,VI Client: City of Valdez Project or Contract #: 1122.63461.00 2/25/2022										Prepared By: BSD Reviewed By: BMM			
			Travel, Mileage, & Misc. Subtotal									Direct Expenses Subtotal	% Mark Up	Total w/ Mark Up		
			Per Diem (State)		Lodging (State)		Vehicle Miles		Travel, Mileage, & Misc. Subtotal	Supplies	*Other Expenses					
				Total		Total	Autos	Total	Cost							
Phase Name	Task		\$110/day	Cost	\$150/night	Cost	\$ 1.00	Cost		Cost						*Other Expenses Description
	10	Lighting Design		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	Subtotal		8	\$ 880.00	8	\$ 1,200.00	-	\$ -	\$ 2,080.00	\$ -	\$ 1,200.00	\$ 3,280.00		\$ 3,280.00		
65% Design, Phase IV	1	Project Administration		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	2	Progress Reports/Monthly Meetings/Schedule Updates		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	3	65% Design Development	2	\$ 220.00	2	\$ 300.00		\$ -	\$ 520.00		\$ 600.00	\$ 1,120.00	0%	\$ 1,120.00	airfare and rental car or mileage	
	4	Plans		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	5	Specifications		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	6	Estimate		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	7	Design QC		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	8	Design Review Meeting	2	\$ 220.00	2	\$ 300.00		\$ -	\$ 520.00		\$ 600.00	\$ 1,120.00	0%	\$ 1,120.00	airfare and rental car or mileage	
	9	Lighting Design		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	10	-		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	Subtotal		4	\$ 440.00	4	\$ 600.00	-	\$ -	\$ 1,040.00	\$ -	\$ 1,200.00	\$ 2,240.00		\$ 2,240.00		
100% Design, Phase IV	1	Project Administration		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	2	Progress Reports/Monthly Meetings/Schedule Updates		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	3	100% Design Development		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	4	Plans		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	5	Specifications		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	6	Estimate		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	7	Design QC		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	8	Advertisement/Bidding Assistance		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	9	Lighting Design		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	10	-		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	Subtotal		-	\$ -	-	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		
65% Design, Phase V	1	Project Administration		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	2	Progress Reports/Monthly Meetings/Schedule Updates		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	3	65% Design Development		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	4	Plans	2	\$ 220.00	2	\$ 300.00		\$ -	\$ 520.00		\$ 600.00	\$ 1,120.00	0%	\$ 1,120.00	airfare and rental car or mileage	
	5	Specifications		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	6	Estimate		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	7	Design QC		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	8	Design Review Meeting	2	\$ 220.00	2	\$ 300.00		\$ -	\$ 520.00		\$ 600.00	\$ 1,120.00	0%	\$ 1,120.00	airfare and rental car or mileage	
	9	Lighting Design		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	10	-		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	Subtotal		4	\$ 440.00	4	\$ 600.00	-	\$ -	\$ 1,040.00	\$ -	\$ 1,200.00	\$ 2,240.00		\$ 2,240.00		
	1	Project Administration		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	2	Progress Reports/Monthly Meetings/Schedule Updates		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	3	100% Design Development		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		
	4	Plans		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -		



Expenses			Valdez Pavement Mangement IV,V,VI									Prepared By: BSD Reviewed By: BMM			
			Client: City of Valdez												
			Project or Contract #: 1122.63461.00												
			2/25/2022												
Phase Name	Task		Travel, Mileage, & Misc. Subtotal								Direct Expenses Subtotal	% Mark Up	Total w/ Mark Up		
			Per Diem (State)		Lodging (State)		Vehicle Miles		Travel, Mileage, & Misc. Subtotal	Supplies					*Other Expenses
				Total		Total	Autos	Total	Cost						
			\$110/day	Cost	\$150/night	Cost	\$ 1.00	Cost							
100% Design, Phase V	5	Specifications		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	6	Estimate		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	7	Design QC		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	8	Advertisement/Bidding Assistance		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	9	Lighting Design		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	10	-		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	Subtotal		-	\$ -	-	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	
65% Design, Phase VI	1	Project Administration		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	2	Progress Reports/Monthly Meetings/Schedule Updates		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	3	65% Design Development		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	4	Plans	2	\$ 220.00	2	\$ 300.00		\$ -	\$ 520.00		\$ 600.00	\$ 1,120.00	0%	\$ 1,120.00	airfare and rental car or mileage
	5	Specifications		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	6	Estimate		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	7	Design QC		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	8	Design Review Meeting	2	\$ 220.00	2	\$ 300.00		\$ -	\$ 520.00		\$ 600.00	\$ 1,120.00	0%	\$ 1,120.00	airfare and rental car or mileage
	9	Lighting Design		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	10	-		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	Subtotal		4	\$ 440.00	4	\$ 600.00	-	\$ -	\$ 1,040.00	\$ -	\$ 1,200.00	\$ 2,240.00		\$ 2,240.00	
100% Design, Phase VI	1	Project Administration		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	2	Progress Reports/Monthly Meetings/Schedule Updates		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	3	100% Design Development		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	4	Plans		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	5	Specifications		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	6	Estimate		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	7	Design QC		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	8	Advertisement/Bidding Assistance		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	9	Lighting Design		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	10	-		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	Subtotal		-	\$ -	-	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	
Permitting	1	DEC Stormwater Plan Review		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	2	DEC Wastewater Plan Review		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	3	DEC Drinking Water		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	4	-		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	Subtotal		-	\$ -	-	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	
	1	Project Management		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	2	Public Involvement Plan		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	3	Advisory Group		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	4	Advisory Group Initiation		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	5	Advisory Group meetings/follow-up		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	6	-		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	



Expenses			Valdez Pavement Mangement IV,V,VI Client: City of Valdez Project or Contract #: 1122.63461.00 2/25/2022									Prepared By: BSD Reviewed By: BMM			
			Travel, Mileage, & Misc. Subtotal									Direct Expenses Subtotal	% Mark Up	Total w/ Mark Up	
			Per Diem (State)		Lodging (State)		Vehicle Miles		Travel, Mileage, & Misc. Subtotal	Supplies	*Other Expenses				
				Total		Total	Autos	Total	Cost						
Phase Name	Task		\$110/day	Cost	\$150/night	Cost	\$ 1.00	Cost		Cost					*Other Expenses Description
Public Outreach	7	Community Meetings		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	8	OH1 planning, advertising, attending, and follow-ups		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	9	OH2 planning, advertising, attending, and follow-ups		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	10	Stakeholder comment responses		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	11	Stakeholder comment responses		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	12	-		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	13	Agency & Team Meetings/Coordination		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	14	-		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	15	Advertising		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	16	Social Media Updates (City Facebook page)		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	17	Door hangers (development)		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	18	Website Development, ongoing management		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	19	Interactive map development and management		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
	20	Public Workshop #1	4	\$ 440.00	4	\$ 600.00		\$ -	\$ 1,040.00		\$ 600.00	\$ 1,640.00	0%	\$ 1,640.00	
	21	Public Workshop #2	4	\$ 440.00	4	\$ 600.00		\$ -	\$ 1,040.00		\$ 600.00	\$ 1,640.00	0%	\$ 1,640.00	
	22	Postcard mailing		\$ -		\$ -		\$ -	\$ -		\$ 500.00	\$ 500.00	0%	\$ 500.00	
	23	Newspaper ads		\$ -		\$ -		\$ -	\$ -		\$ 600.00	\$ 600.00	0%	\$ 600.00	
	24	Flyer and Door Hanger Printing	1	\$ 110.00		\$ -		\$ -	\$ 110.00		\$ 700.00	\$ 810.00	0%	\$ 810.00	
	25	-		\$ -		\$ -		\$ -	\$ -			\$ -	0%	\$ -	
Subtotal			9	\$ 990.00	8	\$ 1,200.00	-	\$ -	\$ 2,190.00	\$ -	\$ 3,000.00	\$ 5,190.00		\$ 5,190.00	
EXPENSES TOTAL			85	\$ 9,350.00	80	\$ 12,000.00	625	\$ 625.00	\$ 21,975.00	\$ 150.00	\$ 8,014.00	\$ 30,139.00		\$ 30,139.00	



Subconsultants			Project:Valdez Pavement Mangement IV,V,VI Client:City of Valdez Project or Contract #:1122.63461.00 2/25/2022 *See attachment for subconsultants full cost breakout											Prepared By: BSD Reviewed By: BMM	
			Coffman			Denali Drilling			Alaska Testlab			RSA			Subconsultants Subtotal
			Cost*	% Mark Up	Total w/Markup	Cost*	% Mark Up	Total w/Markup	Cost*	% Mark Up	Total w/Markup	Cost*	% Mark Up	Total w/Markup	
Survey And Utility Evaluation	1	Project Management			\$ -			\$ -			\$ -			\$ -	\$ -
	2	Research and Logistics			\$ -			\$ -			\$ -			\$ -	\$ -
	3	Travel and Mobilization			\$ -			\$ -			\$ -			\$ -	\$ -
	4	Utility Locates			\$ -			\$ -			\$ -			\$ -	\$ -
	5	Site Survey			\$ -			\$ -			\$ -			\$ -	\$ -
	6	ROW Survey			\$ -			\$ -			\$ -			\$ -	\$ -
	7	Survey Control			\$ -			\$ -			\$ -			\$ -	\$ -
	8	Utility Asbuilts (SS/SD)			\$ -			\$ -			\$ -			\$ -	\$ -
	9	Calculations			\$ -			\$ -			\$ -			\$ -	\$ -
	10	Drafting			\$ -			\$ -			\$ -			\$ -	\$ -
	11	Reporting			\$ -			\$ -			\$ -			\$ -	\$ -
	12	QC			\$ -			\$ -			\$ -			\$ -	\$ -
	13	Utility Condition Evaluation	\$ 106,094.00	10%	\$116,703.40			\$ -			\$ -			\$ -	\$ 116,703.40
	14	-			\$ -			\$ -			\$ -			\$ -	\$ -
Subtotal			\$106,094.00		\$116,703.40	\$ -		\$ -	\$ -		\$ -	\$ -		\$116,703.40	
Geotechnical Investigation	1	Task Management/Meetings			\$ -			\$ -			\$ -			\$ -	\$ -
	2	Coordination/Permitting			\$ -			\$ -			\$ -			\$ -	\$ -
	3	Safety Planning			\$ -			\$ -			\$ -			\$ -	\$ -
	4	Geotechnical Research			\$ -			\$ -			\$ -			\$ -	\$ -
	5	Utility Locates			\$ -			\$ -			\$ -			\$ -	\$ -
	6	Travel			\$ -			\$ -			\$ -			\$ -	\$ -
	7	Mobilization/Demobilization			\$ -	\$ 6,000.00	10%	\$ 6,600.00			\$ -			\$ -	\$ 6,600.00
	8	Test Hole Logging			\$ -	\$ 33,260.00	10%	\$36,586.00			\$ -			\$ -	\$ 36,586.00
	9	Groundwater Level Measurements			\$ -			\$ -			\$ -			\$ -	\$ -
	10	Laboratory Testing			\$ -			\$ -	\$ 4,555.00	10%	\$ 5,010.50			\$ -	\$ 5,010.50
	11	Geotechnical Analysis			\$ -			\$ -			\$ -			\$ -	\$ -
	12	Draft Report Preparation			\$ -			\$ -			\$ -			\$ -	\$ -
	13	Draft Report QC/Peer Review			\$ -			\$ -			\$ -			\$ -	\$ -
	14	Final Report Preparation			\$ -			\$ -			\$ -			\$ -	\$ -
	15	Final Report QC/Peer Review			\$ -			\$ -			\$ -			\$ -	\$ -
	16	-			\$ -			\$ -			\$ -			\$ -	\$ -
Subtotal			\$ -		\$ -	\$39,260.00		\$43,186.00	\$ 4,555.00		\$ 5,010.50	\$ -		\$ -	\$ 48,196.50
35% Design	1	Project Administration			\$ -			\$ -			\$ -			\$ -	\$ -
	2	Kick-Off Meeting with City of Valdez			\$ -			\$ -			\$ -			\$ -	\$ -
	3	Progress Reports/Monthly Meetings/Schedule Updates			\$ -			\$ -			\$ -			\$ -	\$ -
	4	35% Design Development			\$ -			\$ -			\$ -			\$ -	\$ -
	5	Typical Sections			\$ -			\$ -			\$ -			\$ -	\$ -
	6	Roadway Design			\$ -			\$ -			\$ -			\$ -	\$ -
	7	Design QC			\$ -			\$ -			\$ -			\$ -	\$ -
	8	Cost Evaluation of Alternatives			\$ -			\$ -			\$ -			\$ -	\$ -
	9	35% Design Review Meeting in Valdez			\$ -			\$ -			\$ -			\$ -	\$ -
	10	Lighting Design			\$ -			\$ -			\$ -	\$ 16,507.00	10%	\$ 18,157.70	\$ 18,157.70
	11	-			\$ -			\$ -			\$ -			\$ -	\$ -
Subtotal			\$ -		\$ -	\$ -		\$ -	\$ -		\$16,507.00		\$ 18,157.70	\$ 18,157.70	
	1	Project Administration			\$ -			\$ -			\$ -			\$ -	\$ -
	2	Progress Reports/Monthly Meetings/Schedule Updates			\$ -			\$ -			\$ -			\$ -	\$ -
	3	65% Design Development			\$ -			\$ -			\$ -			\$ -	\$ -
	4	Plans			\$ -			\$ -			\$ -			\$ -	\$ -
	5	Specifications			\$ -			\$ -			\$ -			\$ -	\$ -



Subconsultants			Project:Valdez Pavement Mangement IV,V,VI Client:City of Valdez Project or Contract #:1122.63461.00 2/25/2022 *See attachment for subconsultants full cost breakout											Prepared By: BSD Reviewed By: BMM	
			Coffman			Denali Drilling			Alaska Testlab			RSA			Subconsultants Subtotal
Phase Name	Task		Cost*	% Mark Up	Total w/Markup	Cost*	% Mark Up	Total w/Markup	Cost*	% Mark Up	Total w/Markup	Cost*	% Mark Up	Total w/Markup	
65% Design, Phase IV	6	Estimate			\$ -			\$ -			\$ -			\$ -	\$ -
	7	Design QC			\$ -			\$ -			\$ -			\$ -	\$ -
	8	Design Review Meeting			\$ -			\$ -			\$ -			\$ -	\$ -
	9	Lighting Design			\$ -			\$ -			\$ -	\$ 8,582.50	10%	\$ 9,440.75	\$ 9,440.75
	10	-			\$ -			\$ -			\$ -			\$ -	\$ -
	Subtotal		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ 8,582.50		\$ 9,440.75	\$ 9,440.75
100% Design, Phase IV	1	Project Administration			\$ -			\$ -			\$ -			\$ -	\$ -
	2	Progress Reports/Monthly Meetings/Schedule Updates			\$ -			\$ -			\$ -			\$ -	\$ -
	3	100% Design Development			\$ -			\$ -			\$ -			\$ -	\$ -
	4	Plans			\$ -			\$ -			\$ -			\$ -	\$ -
	5	Specifications			\$ -			\$ -			\$ -			\$ -	\$ -
	6	Estimate			\$ -			\$ -			\$ -			\$ -	\$ -
	7	Design QC			\$ -			\$ -			\$ -			\$ -	\$ -
	8	Advertisement/Bidding Assistance			\$ -			\$ -			\$ -			\$ -	\$ -
	9	Lighting Design			\$ -			\$ -			\$ -	\$ 2,040.00	10%	\$ 2,244.00	\$ 2,244.00
	10	-			\$ -			\$ -			\$ -			\$ -	\$ -
	Subtotal		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ 2,040.00		\$ 2,244.00	\$ 2,244.00
65% Design, Phase V	1	Project Administration			\$ -			\$ -			\$ -			\$ -	\$ -
	2	Progress Reports/Monthly Meetings/Schedule Updates			\$ -			\$ -			\$ -			\$ -	\$ -
	3	65% Design Development			\$ -			\$ -			\$ -			\$ -	\$ -
	4	Plans			\$ -			\$ -			\$ -			\$ -	\$ -
	5	Specifications			\$ -			\$ -			\$ -			\$ -	\$ -
	6	Estimate			\$ -			\$ -			\$ -			\$ -	\$ -
	7	Design QC			\$ -			\$ -			\$ -			\$ -	\$ -
	8	Design Review Meeting			\$ -			\$ -			\$ -			\$ -	\$ -
	9	Lighting Design			\$ -			\$ -			\$ -	\$ 7,682.50	10%	\$ 8,450.75	\$ 8,450.75
	10	-			\$ -			\$ -			\$ -			\$ -	\$ -
	Subtotal		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ 7,682.50		\$ 8,450.75	\$ 8,450.75
100% Design, Phase V	1	Project Administration			\$ -			\$ -			\$ -			\$ -	\$ -
	2	Progress Reports/Monthly Meetings/Schedule Updates			\$ -			\$ -			\$ -			\$ -	\$ -
	3	100% Design Development			\$ -			\$ -			\$ -			\$ -	\$ -
	4	Plans			\$ -			\$ -			\$ -			\$ -	\$ -
	5	Specifications			\$ -			\$ -			\$ -			\$ -	\$ -
	6	Estimate			\$ -			\$ -			\$ -			\$ -	\$ -
	7	Design QC			\$ -			\$ -			\$ -			\$ -	\$ -
	8	Advertisement/Bidding Assistance			\$ -			\$ -			\$ -			\$ -	\$ -
	9	Lighting Design			\$ -			\$ -			\$ -	\$ 1,840.00	10%	\$ 2,024.00	\$ 2,024.00
	10	-			\$ -			\$ -			\$ -			\$ -	\$ -
	Subtotal		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ 1,840.00		\$ 2,024.00	\$ 2,024.00
65% Design, Phase VI	1	Project Administration			\$ -			\$ -			\$ -			\$ -	\$ -
	2	Progress Reports/Monthly Meetings/Schedule Updates			\$ -			\$ -			\$ -			\$ -	\$ -
	3	65% Design Development			\$ -			\$ -			\$ -			\$ -	\$ -
	4	Plans			\$ -			\$ -			\$ -			\$ -	\$ -
	5	Specifications			\$ -			\$ -			\$ -			\$ -	\$ -
	6	Estimate			\$ -			\$ -			\$ -			\$ -	\$ -
	7	Design QC			\$ -			\$ -			\$ -			\$ -	\$ -
	8	Design Review Meeting			\$ -			\$ -			\$ -			\$ -	\$ -
	9	Lighting Design			\$ -			\$ -			\$ -	\$ 7,032.50	10%	\$ 7,735.75	\$ 7,735.75
	10	-			\$ -			\$ -			\$ -			\$ -	\$ -



Subconsultants			Project:Valdez Pavement Mangement IV,V,VI Client:City of Valdez Project or Contract #:1122.63461.00 2/25/2022 *See attachment for subconsultants full cost breakout											Prepared By: BSD Reviewed By: BMM	
			Coffman			Denali Drilling			Alaska Testlab			RSA			Subconsultants Subtotal
			Cost*	% Mark Up	Total w/Markup	Cost*	% Mark Up	Total w/Markup	Cost*	% Mark Up	Total w/Markup	Cost*	% Mark Up	Total w/Markup	
	Subtotal		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ 7,032.50		\$ 7,735.75	7,735.75
100% Design, Phase VI	1	Project Administration			\$ -			\$ -			\$ -			\$ -	\$ -
	2	Progress Reports/Monthly Meetings/Schedule Updates			\$ -			\$ -			\$ -			\$ -	\$ -
	3	100% Design Development			\$ -			\$ -			\$ -			\$ -	\$ -
	4	Plans			\$ -			\$ -			\$ -			\$ -	\$ -
	5	Specifications			\$ -			\$ -			\$ -			\$ -	\$ -
	6	Estimate			\$ -			\$ -			\$ -			\$ -	\$ -
	7	Design QC			\$ -			\$ -			\$ -			\$ -	\$ -
	8	Advertisement/Bidding Assistance			\$ -			\$ -			\$ -			\$ -	\$ -
	9	Lighting Design			\$ -			\$ -			\$ -	\$ 1,630.00	10%	\$ 1,793.00	1,793.00
	10	-			\$ -			\$ -			\$ -			\$ -	\$ -
	Subtotal		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ 1,630.00		\$ 1,793.00	1,793.00
Permitting	1	DEC Stormwater Plan Review			\$ -			\$ -			\$ -			\$ -	\$ -
	2	DEC Wastewater Plan Review			\$ -			\$ -			\$ -			\$ -	\$ -
	3	DEC Drinking Water			\$ -			\$ -			\$ -			\$ -	\$ -
	4	-			\$ -			\$ -			\$ -			\$ -	\$ -
	Subtotal		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -
Public Outreach	1	Project Management			\$ -			\$ -			\$ -			\$ -	\$ -
	2	Public Involvement Plan			\$ -			\$ -			\$ -			\$ -	\$ -
	3	Advisory Group			\$ -			\$ -			\$ -			\$ -	\$ -
	4	Advisory Group Initiation			\$ -			\$ -			\$ -			\$ -	\$ -
	5	Advisory Group meetings/follow-up			\$ -			\$ -			\$ -			\$ -	\$ -
	6	-			\$ -			\$ -			\$ -			\$ -	\$ -
	7	Community Meetings			\$ -			\$ -			\$ -			\$ -	\$ -
	8	OH1 planning, advertising, attending, and follow-ups			\$ -			\$ -			\$ -			\$ -	\$ -
	9	OH2 planning, advertising, attending, and follow-ups			\$ -			\$ -			\$ -			\$ -	\$ -
	10	Stakeholder comment responses			\$ -			\$ -			\$ -			\$ -	\$ -
	11	Stakeholder comment responses			\$ -			\$ -			\$ -			\$ -	\$ -
	12	-			\$ -			\$ -			\$ -			\$ -	\$ -
	13	Agency & Team Meetings/Coordination			\$ -			\$ -			\$ -			\$ -	\$ -
	14	-			\$ -			\$ -			\$ -			\$ -	\$ -
	15	Advertising			\$ -			\$ -			\$ -			\$ -	\$ -
	16	Social Media Updates (City Facebook page)			\$ -			\$ -			\$ -			\$ -	\$ -
	17	Door hangers (development)			\$ -			\$ -			\$ -			\$ -	\$ -
	18	Website Development, ongoing management			\$ -			\$ -			\$ -			\$ -	\$ -
	19	Interactive map development and management			\$ -			\$ -			\$ -			\$ -	\$ -
	20	Public Workshop #1			\$ -			\$ -			\$ -			\$ -	\$ -
	21	Public Workshop #2			\$ -			\$ -			\$ -			\$ -	\$ -
	22	Postcard mailing			\$ -			\$ -			\$ -			\$ -	\$ -
	23	Newspaper ads			\$ -			\$ -			\$ -			\$ -	\$ -
	24	Flyer and Door Hanger Printing			\$ -			\$ -			\$ -			\$ -	\$ -
	25	-			\$ -			\$ -			\$ -			\$ -	\$ -
	Subtotal		\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -
SUBCONSULTANTS TOTAL			\$106,094.00		\$116,703.40	\$39,260.00		\$43,186.00	\$ 4,555.00		\$ 5,010.50	\$45,314.50		\$ 49,845.95	\$ 214,745.85