



May 21, 2022

Tyson Ames
Municipality of Skagway, Public Works Director
P.O. Box 415
Skagway, AK 99840
t.ames@skagway.org

RE: MOS 7 Pastures Pedestrian Path
Survey and Design Fee Proposal

DEAR TYSON,

RESPEC is pleased to submit this fee proposal for performing topographic mapping and civil engineering design services for the Municipality of Skagway (MOS) 7 Pastures Pedestrian Path in Skagway, Alaska. The proposed project includes the design for a 6' wide pedestrian path that links the existing concrete area at the north ballfield spectator bleacher area and to the south circular concrete drop off area at the 7 Pastures pavilion area in the park. A diagram illustrating the proposed pedestrian path project limits is included with this fee proposal. The following is our anticipated scope of work tasks and anticipated fees for this project.

SCOPE OF WORK

Task 1 - Topographic Mapping: Topographic survey will be performed along the location of the proposed pedestrian path. Existing ground surface elevations, utility poles, underground utilities, individual trees, parking boulders, existing concrete sidewalk surfaces and spectator bleachers will be identified in the field survey to facilitate civil engineering design work. Horizontal and vertical control for design and construction will be established. Field survey data will be reduced and mapped at a 1"=10' scale with 1' foot contour interval. All work will be prepared in AutoCAD Civil 3D R2022 in standard U.S. imperial units.

Task 2- Civil Engineering Design Documents: Respec civil engineer team will develop bid ready construction documents for the development of the 7 Pastures Pedestrian Path. The path will be designed to meet Americans with Disability Act guidelines. Connections to the existing concrete at the ballfield bleacher area and at the concrete path leading to the pavilion to the south will be made. Existing parking boulders that require removal and resetting will be identified. Individual tree removal and disposal for the proposed pedestrian path will also be identified in the plans. It is assumed that the existing soil conditions can safely support the proposed 6' wide concrete path section. Erosion and sediment control plan with details will be developed. Submittals of plans, specifications and cost estimate will be made in 11x17 PDF format at the 65%, 95% and 100% design levels. Technical specifications will be created using CSI format and coordinated with MOS bidding boiler plate sections. It is assumed that there will be at least one project team meeting in each design phase of the project, 3 total. All printing and advertising of project by MOS.

Task 3 – Bid Services: Respec will assist MOS with preparing agenda for pre-bid meeting, chair the meeting via virtual platform, prepare meeting minutes, respond to bidder's questions and prepare any contract addenda as required for the project.

9109 MENDENHALL MALL RD.
SUITE 4
JUNEAU, AK 99801
907.780.6060



ESTIMATE OF FEES

<u>Work Task Description</u>	<u>Estimated Fee</u>
<u>Topographic Survey and Mapping</u>	<u>\$6,000</u>
<u>Civil Engineering Design (65%, 95% and 100% Final)</u>	<u>\$13,625</u>
<u>Bid Services</u>	<u>\$1,760</u>
<u>Estimated Time and Materials Fee Total</u>	<u>\$21,385</u>

We propose to perform our work on a time and expense basis. Respec’s total compensation for services provided pursuant to this agreement, including labor and overhead costs and expenses shall not exceed \$21,385 without written authorization by MOS.

Attached herewith are our fee spreadsheets as backup for the engineering services. Additional professional services work that is requested or added to the contract will be billed on a separate time and materials basis or negotiated separately. Respec will keep you apprised of budget and scope status throughout the performance of this work and alert you of any non-scope items that may impact the budget.

Fee exclusions: Our fee proposal is based on the assumption that there will not be subsurface drainage system needed for the addition of the concrete path in the existing park area. No geotechnical investigation or landscape design fees included in this fee proposal.

SCHEDULE

We will mobilize the field survey crew within 5 working days of a Notice to Proceed for this work. We anticipate delivering the 65% design documents to MOS on July 31, 2022.

We appreciate the opportunity to be of service to MOS on this important community project and look forward to working with you. Should you have any questions, please do not hesitate to contact me at your convenience.

Sincerely,

J. Mark Pusich, PE
Principal Civil Engineer
Mark.Pusich@respec.com
907-780-6060

Approved By: _____

Date: _____

COST ESTIMATE PER TASK

FIRM: RESPEC		PROJECT TITLE: MOS 7 PASTURES PEDESTRIAN PATH									
TASK No: 1	TASK DESCRIPTION: Topographic Survey & Mapping										DATE: 5/20/2022
GROUP:		METHOD OF PAYMENT: FP <input type="checkbox"/> FPPE <input type="checkbox"/> T&E <input checked="" type="checkbox"/> CPFF <input type="checkbox"/>					PREPARED BY: JMP				
SUB-TASK No.	SUB-TASK DESCRIPTION	LABOR HOURS PER JOB CLASSIFICATION									
		Project Manager (Pusich)	Civil Engr. Associate (Puustinen)	AutoCAD Draftsman (Kemp)	Engr. EIT (Kelly)	Survey Crew	Land Surveyor (Ranson)				
1	Field Survey Work - Project Control					1					
2	Field Survey Work - Mob/Field Topo					9					
3	Data Downloads and Backchecks			2			1				
4	Office Reduction & Mapping			8							
5	PDC QC	1					1				
6	Project Management	1									
TOTAL HOURS		2	0	10	0	10	2				
* LABOR RATES (\$/HR)		\$250.00	\$170.00	\$125.00	\$105.00	\$225.00	\$250.00				
LABOR COSTS (\$)		\$500.00	\$0.00	\$1,250.00	\$0.00	\$2,250.00	\$500.00				
EXPENSES					COMMENTS: Field survey of pedestrian path project area, mob on WARD Air						
SUB-TASK No.	ITEM(S)	QUANTITY	UNIT PRICE	TOTAL PRICE							
1	Airfare Juno to Skagway and Return	1	\$1,500.00	\$1,500.00							
2				\$0.00							
					FIRM'S TOTAL COST OF LABOR (or Fixed Price):		\$4,500				
					IF CPFF, TOTAL INDIRECT COST @		0.00% \$0				
					TOTAL EXPENSES:		\$1,500				
SUB-CONTRACTORS: Firm Initials and Price Per Task					FIRM'S TOTAL EXPENSES		\$1,500				
					FIRM'S TOTAL COST (no Subcontracts or Fee)		\$6,000				
FIRM:											
AMOUNT:											
					TOTAL SUBCONTRACTOR PRICES:		\$0				

* Labor Rates shall be direct labor (base pay) only if Method of Payment is CPFF; otherwise, Labor Rates shall be total rates (i.e. base pay + benefits + overhead + profit.)

COST ESTIMATE PER TASK

FIRM: RESPEC			PROJECT TITLE: MOS 7 PASTURES PEDESTRIAN PATH															
TASK No: 2	TASK DESCRIPTION: 65% Design Level Submittal							DATE: 5/20/2022										
GROUP:	METHOD OF PAYMENT: FP <input type="checkbox"/> FPPE <input type="checkbox"/> T&E <input checked="" type="checkbox"/> CPFF <input type="checkbox"/>					PREPARED BY: JMP												
SUB-TASK No.	SUB-TASK DESCRIPTION	LABOR HOURS PER JOB CLASSIFICATION																
		Project Manager (Pusich)	Civil Engr. Associate (Puustinen)	AutoCAD Draftsman (Kemp)	Engr. EIT (Kelly)	Land Surveyor (Ranson)												
1	General Notes, Symbols, & Abbreviations			1	1													
2	Project Survey Control Sheet			1		1												
3	Path Grading Plan		2	6	6													
4	Site Cross Sections			4	4													
5	Construction Details			2	2													
6	Team Coordination / Meetings		2		1													
7	RESPEC QC/Project Management	4																
8	Submittal			1														
9	Erosion and Sediment Control Plan		1		2													
10	Quantities			2														
11	Cost Estimate		2															
TOTAL HOURS		4	7	17	16	1												
* LABOR RATES (\$/HR)		\$250.00	\$170.00	\$125.00	\$105.00	\$250.00												
LABOR COSTS (\$)		\$1,000.00	\$1,190.00	\$2,125.00	\$1,680.00	\$250.00												
EXPENSES					COMMENTS: 65% design with cost estimate to MOS													
SUB-TASK No.	ITEM(S)			QUANTITY			UNIT PRICE	TOTAL PRICE										
1								\$0.00										
2								\$0.00										
					FIRM'S TOTAL COST OF LABOR (or Fixed Price):								\$6,245					
					IF CPFF, TOTAL INDIRECT COST @								0.00%					
					FIRM'S TOTAL EXPENSES								\$0					
					FIRM'S TOTAL COST (no Subcontracts or Fee)								\$6,245					
SUB-CONTRACTORS: Firm Initials and Price Per Task					TOTAL SUBCONTRACTOR PRICES:								\$0					
FIRM:																		
AMOUNT:																		

* Labor Rates shall be direct labor (base pay) only if Method of Payment is CPFF; otherwise, Labor Rates shall be total rates (i.e. base pay + benefits + overhead + profit.)

COST ESTIMATE PER TASK

FIRM: RESPEC		PROJECT TITLE: MOS 7 PASTURES PEDESTRIAN PATH							
TASK No: 3	TASK DESCRIPTION: 95% Construction Documents Submittal							DATE: 5/20/2022	
GROUP:		METHOD OF PAYMENT: FP <input type="checkbox"/> FPP <input type="checkbox"/> T&E <input checked="" type="checkbox"/> CPFF <input type="checkbox"/>				PREPARED BY: JMP			
SUB-TASK No.	SUB-TASK DESCRIPTION	LABOR HOURS PER JOB CLASSIFICATION							
		Project Manager (Pusich)	Civil Engr. Associate (Puustinen)	AutoCAD Draftsman (Kemp)	Engr. EIT (Kelly)	Engr. Tech CB			
1	General Notes, Symbols, &			1					
2	Project Survey Control Sheet			1					
3	Path Grading Plan		2	2					
4	Site Cross Sections			4	2				
5	Construction Details			2	2				
6	Team Coordination / Meetings		2		1				
7	RESPEC QC/Project Management	4							
8	Submittal			1					
9	Erosion and Sediment Control Plan		1						
10	Technical Specifications		2			4			
11	Quantities			2					
12	Cost Estimate		2						
TOTAL HOURS		4	9	13	5	4			
* LABOR RATES (\$/HR)		\$250.00	\$170.00	\$125.00	\$105.00	\$90.00			
LABOR COSTS (\$)		\$1,000.00	\$1,530.00	\$1,625.00	\$525.00	\$360.00			
EXPENSES									
SUB-TASK No.	ITEM(S)	QUANTITY	UNIT PRICE	TOTAL PRICE	COMMENTS: 95% submittal to MOS with specs and cost estimate				
1				\$0.00					
2				\$0.00					
				FIRM'S TOTAL COST OF LABOR (or Fixed Price):	\$5,040				
				IF CPFF, TOTAL INDIRECT COST @	0.00%	\$0			
				TOTAL EXPENSES:	\$0	FIRM'S TOTAL EXPENSES	\$0		
SUB-CONTRACTORS: Firm Initials and Price Per Task				FIRM'S TOTAL COST (no Subcontracts or Fee)		\$5,040			
FIRM:									
AMOUNT:					TOTAL SUBCONTRACTOR PRICES:	\$0			

* Labor Rates shall be direct labor (base pay) only if Method of Payment is CPFF; otherwise, Labor Rates shall be total rates (i.e. base pay + benefits + overhead + profit.)

COST ESTIMATE PER TASK

FIRM: RESPEC		PROJECT TITLE: MOS 7 PASTURES PEDESTRIAN PATH									
TASK No: 4	TASK DESCRIPTION: 100% Construction Documents Submittal									DATE: 5/20/2022	
GROUP:		METHOD OF PAYMENT: FP <input type="checkbox"/> FPP <input type="checkbox"/> T&E <input checked="" type="checkbox"/> CPFF <input type="checkbox"/>					PREPARED BY: JMP				
SUB-TASK No.	SUB-TASK DESCRIPTION	LABOR HOURS PER JOB CLASSIFICATION									
		Project Manager (Pusich)	Civil Engr. Associate (Puustinen)	AutoCAD Draftsman (Kemp)	Engr. EIT (Kelly)	Engr. Tech CB					
1	Final Plan Corrections		1	4	4						
2	Create Final PDF Submittal			4							
3	RESPEC QC & Project Management	2									
4	Final Submittal to MOS			2							
TOTAL HOURS		2	1	10	4	0					
* LABOR RATES (\$/HR)		\$250.00	\$170.00	\$125.00	\$105.00	\$90.00					
LABOR COSTS (\$)		\$500.00	\$170.00	\$1,250.00	\$420.00	\$0.00					
EXPENSES						COMMENTS: Final plans, estimate and specifications submittal to MOS for advertising of project.					
SUB-TASK No.	ITEM(S)	QUANTITY	UNIT PRICE	TOTAL PRICE							
1				\$0.00							
2				\$0.00							
FIRM'S TOTAL COST OF LABOR (or Fixed Price): \$2,340											
IF CPFF, TOTAL INDIRECT COST @ 0.00% \$0											
TOTAL EXPENSES: \$0 FIRM'S TOTAL EXPENSES \$0											
SUB-CONTRACTORS: Firm Initials and Price Per Task FIRM'S TOTAL COST (no Subcontracts or Fee) \$2,340											
FIRM:						TOTAL SUBCONTRACTOR PRICES: \$0					
AMOUNT:											

COST ESTIMATE PER TASK

FIRM: RESPEC			PROJECT TITLE: MOS 7 PASTURES PEDESTRIAN PATH							
TASK No: 5	TASK DESCRIPTION: Bid Services					DATE: 5/20/2022				
GROUP:	METHOD OF PAYMENT: FP <input type="checkbox"/> FPP <input type="checkbox"/> T&E <input checked="" type="checkbox"/> CPFF <input type="checkbox"/>					PREPARED BY: JMP				
SUB-TASK No.	SUB-TASK DESCRIPTION	LABOR HOURS PER JOB CLASSIFICATION								
		Project Manager (Pusich)	Civil Engr. Associate (Puustinen)	AutoCAD Draftsman (Kemp)	Engr. EIT (Kelly)	Engr. Tech CB				
1	Prepare PreBid Agenda				2					
2	Chair Meeting Virtually	2								
3	Prebid Meeting Minutes				2					
4	Respnd Bidder Questions/Addenda		2	4						
TOTAL HOURS		2	2	4	4	0				
* LABOR RATES (\$/HR)		\$250.00	\$170.00	\$125.00	\$105.00	\$90.00				
LABOR COSTS (\$)		\$500.00	\$340.00	\$500.00	\$420.00	\$0.00				
EXPENSES						<p>COMMENTS:</p> <p>Bid services during advertisemen of project.</p> <p>FIRM'S TOTAL COST OF LABOR (or Fixed Price): \$1,760</p> <p>IF CPFF, TOTAL INDIRECT COST @ 0.00%: \$0</p> <p>FIRM'S TOTAL EXPENSES: \$0</p> <p>FIRM'S TOTAL COST (no Subcontracts or Fee): \$1,760</p>				
SUB-TASK No.	ITEM(S)	QUANTITY	UNIT PRICE	TOTAL PRICE						
1				\$0.00						
2				\$0.00						
TOTAL EXPENSES:						\$0				
SUB-CONTRACTORS: Firm Initials and Price Per Task						FIRM'S TOTAL SUBCONTRACTOR PRICES:				\$0
FIRM:										
AMOUNT:										



Pedestrian Path Limits

Pavillion

MOS 7 PASTURES PEDESTRIAN PATH APPROXIMATE PATH LOCATION

Klondike Hwy

Alaska St

Google

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