



REVISED February 22, 2018

Municipality of Skagway
P.O. Box 415
Skagway, Alaska 99840

Attn: Tyson Ames
MOS Public Works Director

Re: Mollie Walsh Bathroom Expansion
Design Fee Proposal

Dear Tyson;

PDC Inc. Engineers (PDC) is pleased to submit this fee proposal for engineering design services for the expansion of the existing Municipality of Skagway (MOS) Mollie Walsh public restroom facility located on 6th Avenue off Broadway Street in Skagway, Alaska. The existing public restroom consists of a women's bathroom consisting of three (3) toilets and 2 sinks. The existing men's bathroom consists of two (2) toilets, one urinal and two (2) sinks. The request from MOS is to expand the existing bathroom to include the addition of three (3) accessible toilet stalls and one sink for both the woman's and men's bathrooms. The existing building is CMU with timber siding bearing on a concrete perimeter foundation with concrete floor slab constructed in 1988. A utility chase exists between the two bathrooms for the waste and water lines. Civil, structural, mechanical and electrical engineering will be included using the 1988 plans previously developed as a basis of design. The existing electrical service pole with meter will be identified to be relocated. One existing Spruce tree looks to be within the project limits and will need to be removed. The existing roof is to be replaced with a metal roof. The following is our understanding of the scope of work requested and our corresponding fee.

65% Design Documents: Prepare 65% level floor plan, elevation views, structural, mechanical and electrical design plans for the bathroom expansion. MOS to provide information as necessary to complete the design. Existing 1988 plans will be drafted up to show existing conditions. Design assumes that existing water and wastewater piping is sufficient to handle additional fixture units. Specifications for the project would be indicated on the respective plan sheets. Deliverables will be the 65% 11x17 plans PDF format to MOS.

100% Construction Documents: Prepare 100% final bid ready construction plans based on comments received from MOS. Final bid ready document submittal will include electronic 11"x17" signed plan set.

Bidding Services –PDC will answer any bidder's questions that arise during the bid period for the Mollie Walsh bathroom expansion. PDC will participate by telephone in pre bid conference, create agenda for meeting, prepare meeting minutes and prepare any addenda as required during the advertising period.

ESTIMATE OF FEES

The following is a summary breakdown by work task for the project.

MOS MOLLIE WALSH TASK DESCRIPTION	FEE
Building Floor Plan/Sections/Elevation Views	\$2,953
Structural Engineering	\$4,557
Mechanical Engineering	\$4,240
Electrical Engineering	\$5,395
Bidding Services All Disciplines	\$7,152
ESTIMATED LUMP SUM FEE TOTAL	\$24,297

Fee estimate assumes that MOS will handle all costs for printing and advertising of the project. Bidding and construction services have not been included but could be added later if desired by MOS. No permitting included in the scope of services. Additional engineering work that is requested or added to the contract will be billed on a separate time and materials basis or negotiated separately. PDC 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. PDC is committed to providing high quality and economical services to MOS.


SCHEDULE

We understand the project design schedule would be for April/May 2018 with construction in summer 2018.

Should you have questions concerning this fee proposal please do not hesitate to contact me.

Sincerely,

PDC Inc. Engineering


J. Mark Pusich, P.E.
Principal Civil Engineer

Attachments: Fee Backup

S:\00_Proposals\Municipality of Skagway\Mollie Walsh Bathroom Expansion\Fee Proposal\180215 MOS Mollie Walsh Bathroom Expansion Design Fee Proposal.docx

COST ESTIMATE PER TASK

FIRM: PDC Engineers			PROJECT TITLE: MOS MOLLIE WALSH BATHROOM EXPANSION							
TASK NO: 1	TASK DESCRIPTION: CONSTRUCTION DOCUMENTS (FLOOR PLAN, BLDG ELEVATIONS, WALL/ROOF SECTIONS)							DATE: 2/16/2018		
GROUP:	METHOD OF PAYMENT: FP <input checked="" type="checkbox"/> FPPE <input type="checkbox"/> T&E <input type="checkbox"/> CPFF <input type="checkbox"/>				PREPARED BY: JMP					
SUB-TASK NO.	SUB-TASK DESCRIPTION	LABOR HOURS PER JOB CLASSIFICATION								
		Project Manager	Civil Engineer	AutoCAD Draftsman	Engineering Tech.					
1	Notes/Symbols/Sheet Index			3						
2	Floor Plan New/Existing			4						
3	Redraw Existing Building			4						
4	Wall Sections		2	4						
5	Coordination		2	1						
6	Roof Plan			4						
7										
8										
9	PDC QC/QA	1								
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
TOTAL LABOR HOURS		0	1	4	20	0		0	0	0
* LABOR RATES (\$/HR)		\$0.00	\$225.00	\$145.00	\$105.00	\$90.00				
LABOR COSTS (\$)		\$0.00	\$225.00	\$580.00	\$2,100.00	\$0.00		\$0.00	\$0.00	\$0.00
EXPENSES										
SUB-TASK NO.	ITEM(S)	QUANTITY	UNIT PRICE	TOTAL PRICE	COMMENTS: Develop 65% design documents for expanding existing bathroom to have 3 additional ADA toilets and one sink, Plan views at 1" =10'. Specs on plan sheets Submittals to be 11x17 pdfs.					
	Large Size Xerox (11x17)	50	\$0.60	\$30.00						
	Xerox (8-1/2x11)	70	\$0.25	\$17.50						
				FIRM'S TOTAL COST OF LABOR (or Fixed Price):	\$2,905					
				<i>IF CPFF, TOTAL INDIRECT COST @</i>	0.00%					
				TOTAL EXPENSES:	\$48					
SUB-CONTRACTORS: Firm Initials and Price Per Task					FIRM'S TOTAL EXPENSES					
					\$48					
					FIRM'S TOTAL COST (no Subcontracts or Fee)					
					\$2,953					
FIRM:	PDC									
AMOUNT:										\$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: PDC Engineers			PROJECT TITLE: MOS MOLLIE WALSH BATHROOM EXPANSION								
TASK NO: 2		TASK DESCRIPTION: 100% CONSTRUCTION DOCUMENTS - STRUCTURAL							DATE: 2/16/2018		
GROUP:		METHOD OF PAYMENT: FP <input checked="" type="checkbox"/> FPPE <input type="checkbox"/> T&E <input type="checkbox"/> CPFF <input type="checkbox"/>				PREPARED BY: JMP					
SUB-TASK NO.	SUB-TASK DESCRIPTION	LABOR HOURS PER JOB CLASSIFICATION									
			Project Manager	Civil Engineer	AutoCAD Draftsman	Engineering Tech.					
1	Foundation Plan			4	4						
2	Framing Plan			4	4						
3	Foundation Details			4	4						
4	Framing Details			4	4						
5	Coordination			2							
6											
7											
8	PDC QC/QA		1								
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
TOTAL LABOR HOURS		0	1	18	16	0		0	0	0	0
* LABOR RATES (\$/HR)		\$0.00	\$225.00	\$145.00	\$105.00	\$90.00		\$0.00	\$0.00	\$0.00	\$0.00
LABOR COSTS (\$)		\$0.00	\$225.00	\$2,610.00	\$1,680.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
EXPENSES					COMMENTS: Submittals to be 11x17 and 22x34 pdf for final. Final tech specs in Word format. Corrections to 65% design submittal.						
SUB-TASK NO.	ITEM(S)	QUANTITY	UNIT PRICE	TOTAL PRICE							
	Large Size Xerox (11x17)	35	\$0.60	\$21.00							
	Xerox (8-1/2x11)	85	\$0.25	\$21.25							
					FIRM'S TOTAL COST OF LABOR (or Fixed Price): \$4,515						
					IF CPFF, TOTAL INDIRECT COST @ 0.00%: \$0						
					FIRM'S TOTAL EXPENSES: \$42						
					FIRM'S TOTAL COST (no Subcontracts or Fee): \$4,557						
SUB-CONTRACTORS: Firm Initials and Price Per Task											
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.)



February 15, 2018

Mark Pusich
PDC Engineers - Lemon Creek
6205 Glacier Hwy
Juneau, Alaska 99801

SUBJECT: Skagway Molly Walsh Restrooms Expansion Mechanical Engineering

Hi Mark,

We are submitting a fee for the mechanical engineering design for the Skagway Molly Walsh Restrooms Expansion construction/permit ready design documents per the email scope dated February 14, 2018. We have not included a site trip, intending to rely on others/Owner to coordinate conditions onsite and provide pictures as needed. If a site trip is needed it would be additional services.

We can provide the mechanical and plumbing design services for a **lump sum of \$4,240**. Bidding and Construction services if desired are not included but could be added later.

Thank you for this opportunity and we look forward to beginning this work. Please call if you have any questions or comments.

Sincerely,

A handwritten signature in black ink, appearing to read 'Douglas Murray', with a long horizontal line extending to the right.

Douglas Murray, P.E.
Principal, PDC Engineers, Inc.

ANCHORAGE
2700 Gambell Street, Suite 500
Anchorage, AK 99503
907.743.3200

FAIRBANKS
1028 Aurora Drive
Fairbanks, AK 99079
907.452.1414

JUNEAU
907 Capitol Ave
Juneau, AK 99801
907.780.6151

PALMER
125 W. Evergreen Avenue,
Suite 102
Palmer, AK 99645
907.707.1215

SOLDOTNA
170 E. Corral Avenue, Suite 2
Soldotna, AK 99669
907.420.0462

Mollie Walsh Park Restrooms

FEE ESTIMATE, ELECTRICAL DESIGN

Task Description	Electrical P.E.	Electrical EIT	Electrical Tech.	Totals
65% Design Phase				
Lighting & General PowerDesign	4	4	4	12
Btu/h space heater sizing	2			2
Specifications	6			6
Total Hours	12	4	4	20
Rates	\$175	\$115	\$115	
Total Fee (65% Design Phase)	\$2,100	\$460	\$460	\$3,020
100% Design Phase	2	4	6	
Sheet specifications	3			
Btu/h space heater sizing	2			
Total Hours	7	4	6	17
Rates	\$175	\$115	\$115	
Total Fee (100% Design Phase)	\$1,225	\$460	\$690	\$2,375
TOTAL PROJECT, ELECTRICAL FEE ESTIMATE				\$5,395

Assumptions:

1. Client will provide information including service size (ampere rating), service feeder size (conductor size of wiring between meter and circuit breaker panel), and main circuit breaker trip rating.
2. Client will provide existing panelboard ampere rating, circuit breaker trip ratings and panel schedule.
3. Client will provide data and ratings of existing water heater, baseboard heaters, light fixtures, hand dryers and any other electrical equipment sufficient to provide an electrical load calculation.

COST ESTIMATE PER TASK

FIRM: PDC Engineers			PROJECT TITLE: MOS MOLLIE WALSH BATHROOM EXPANSION										
TASK NO: 3		TASK DESCRIPTION: BIDDING SERVICES									DATE: 2/16/2018		
GROUP:		METHOD OF PAYMENT: FP <input checked="" type="checkbox"/> FPPE <input type="checkbox"/> T&E <input type="checkbox"/> CPFF <input type="checkbox"/>				PREPARED BY: JMP							
SUB-TASK NO.	SUB-TASK DESCRIPTION	LABOR HOURS PER JOB CLASSIFICATION											
		Project Manager	Civ, Mech, Elec Engr	AutoCAD Draftsman	Engineering Tech.								
1	Respond to Bidders Questions		12										
2	Prepare Prebid Agenda		2		1								
3	Prepare Prebid Minutes		2		1								
4	Participate by Telephone Prebid		8										
5	Prepare Addenda as Necessary		12	12									
6	PDC QC	2											
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
TOTAL LABOR HOURS		0	2	36	12	2			0	0	0	0	0
* LABOR RATES (\$/HR)		\$0.00	\$225.00	\$145.00	\$105.00	\$90.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LABOR COSTS (\$)		\$0.00	\$450.00	\$5,220.00	\$1,260.00	\$180.00			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
EXPENSES					COMMENTS: Bid services to include preparing pre bid meeting agenda, pre bid minutes, participating by telephone for the prebid meeting, respond to bid questions and prepare any addenda necessary.								
SUB-TASK NO.	ITEM(S)	QUANTITY	UNIT PRICE	TOTAL PRICE									
	Large Size Xerox (11x17)	35	\$0.60	\$21.00									
	Xerox (8-1/2x11)	85	\$0.25	\$21.25									
					FIRM'S TOTAL COST OF LABOR (or Fixed Price):					\$7,110			
					IF CPFF, TOTAL INDIRECT COST @		0.00%			\$0			
					TOTAL EXPENSES:		\$42			FIRM'S TOTAL EXPENSES		\$42	
SUB-CONTRACTORS: Firm Initials and Price Per Task					FIRM'S TOTAL COST (no Subcontracts or Fee)		\$7,152						
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.)