



	Approved	Denied
Date Action Taken:	5/10/10	
Other:		
Verified by:	<i>K.omite</i>	

**WASILLA CITY COUNCIL ACTION MEMORANDUM**

**AM No. 10-11**

**TITLE: CONTRACT AMENDMENT TO HATTENBURG, DILLEY AND LINNELL IN THE AMOUNT OF \$198,705 FOR SOUTH MACK DRIVE GRADE SEPARATED CROSSING ENGINEERING SERVICES.**

**Agenda of:** May 10, 2010  
**Originator:** Public Works Director

**Date:** April 27, 2010

Route to:	Department	Signature/Date
X	Director of Public Works	<i>[Signature]</i> 4/28/10
X	Finance Director	<i>[Signature]</i> 4/29/2010
X	Deputy Administrator	<i>[Signature]</i>
X	City Clerk	<i>[Signature]</i>

**REVIEWED BY MAYOR VERNE E. RUPRIGHT:** *[Signature]*

**FISCAL IMPACT:**  yes \$198,705 or  no Funds Available  yes  no

**Account name/number:** S. Mack Dr/160-4320-432.45-38

**Attachments:** Scope of Services

**SUMMARY STATEMENT:** The original contract was awarded by City Council on March 10, 2009 by AM 09-01 in the amount of \$427,108 in accordance with RFP 0704-0-2009/WM. The initial phase of the contact provides preliminary engineering services for the extension of S. Mack Drive to Knik-Goose Bay Road that included the evaluation of multiple routes. A State Grant is funding this project.

Amendment No. 1 of the contract was issued by Purchase Order No. 18510 on April 12, 2010 in the amount of \$39,994 for additional geotechnical work in accordance with Mayor's Authority under WMC 5.08.090.B.2. The administration is now seeking authorization for Amendment No. 2 for a grade separated crossing design.

Clapp Road has now been determined to be the best route for connection to Knik-Goose Bay Road with the realignment of Fairview Loop to create a new 4-way

intersection. Engineering design for the selected route now continues under the initial award. The initial award did not include a new overpass (grade separated crossing) of the Alaska Railroad for South Mack Drive.

With a feasible route now selected, the administration is seeking authorization to proceed with this task which is required by the Alaska Railroad. The Alaska Railroad has requested bid ready plans be developed for the grade separated crossing, such that when construction funding becomes available the project can proceed immediately. The construction of an overpass of the railroad is estimated between \$2 million and \$3 million. The proposed contract amendment is 10 percent or less of the construction estimate which appropriate for engineering services.

**STAFF RECOMMENDATION:** Authorize the Mayor to execute a contract amendment with Hattenburg, Dilley and Linnell in the amount of \$198,705 for South Mack Drive Grade Separated Crossing engineering services.

April 20, 2010

File No. 09-006

Archie Giddings, Public Works Director  
City of Wasilla  
290 East Herning Avenue  
Wasilla, AK 99654-7091

Re: Amendment 2 – Grade Separated Crossing Preliminary Engineering Report  
S. Mack Drive Extension Project

Dear Mr. Giddings:

Hattenburg Dilley & Linnell is pleased to present this fee proposal for additional services to prepare a Preliminary Engineering Report for a grade-separated crossing of the Alaska Railroad track on South Mack Drive. Attached is a proposed amendment to the Statement of Services, which adds the bridge design engineer to the list of subcontractors, identifies the grade-separated crossing as part of the overall project scope, and adds a separate preliminary engineering report and a bridge selection report to the deliverables. Also attached is a fee worksheet for this work.

Our estimated additional fee for the work included in this amendment request is \$198,705.00 as shown on the fee worksheet.

We look forward to continuing our work with the City on this project. If you have any questions, you can contact me at 746-5230.

Sincerely,

HATTENBURG DILLEY & LINNELL, LLC



David Lundin, P.E.  
Project Manager

Attach: Amendment 2 to the Statement of Services (2 pages)  
Amendment 2 Fee Proposal Worksheet (13 pages)

H:\jobs\09-006 Wasilla Mack Drive Extension (COW)\00-Contract\Amend 2\09-006 Amend 2 proposal ltr 4-20-10.doc

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PLANNING  
  
SURVEYING  
  
CONSTRUCTION  
ADMINISTRATION  
  
MATERIAL  
TESTING



**COST ESTIMATE PER TASK**

<b>FIRM:</b> Hattenburg Dilley & Linnell				<b>PROJECT TITLE:</b> South Mack Extension - Amendment 2 Grade Separated Crossing PER													
<b>TASK NO:</b> 1	<b>TASK DESCRIPTION:</b> Environmental Services									<b>DATE:</b> 4/20/2010							
<b>GROUP:</b>	<b>METHOD OF PAYMENT:</b> FP <input type="checkbox"/> FPPE <input type="checkbox"/> T&E <input checked="" type="checkbox"/> CPFF <input type="checkbox"/>				<b>PREPARED BY:</b> Katrina Moss												
SUB-TASK NO.	SUB-TASK DESCRIPTION	LABOR HOURS PER JOB CLASSIFICATION															
		Principal	Proj Mgr/ Civil Eng	Senior Planner	Environ. Manager	Staff Engineer	Senior Designer	Drafter	Environ. Specialist	Admin.							
B7.1	General Mgmt & Coordination		8	8						8							
B7.2	Environmental Analysis Site Visit			4	4					4							
B7.2.1	- Wetland Delineation & Functional Assessment			6	12				8	40							
B7.2.2	- Fish Habitat			not anticipated													
B7.2.3	- Vegetation/Habitat			2	4					8							
B7.2.4	- Phase I ESA			2	16					60							
B7.2.5	- Cultural Resources			8													
B7.2.6	- Threatened and Endangered			2						4							
B7.3	Environmental Checklist		4	4	12				8	24							
B7.4	Permitting		added by amendment														
B7.5	Public and Agency Coordination		4	8	8					16							
B7.6	Revised Environmental Checklist		2	4	4					8							
<b>TOTAL LABOR HOURS</b>		0	18	48	60	0	0	16	164	8	0	0					
<b>* LABOR RATES (\$/HR)</b>		\$165.00	\$145.00	\$145.00	\$120.00	\$90.00	\$110.00	\$95.00	\$90.00	\$65.00	\$0.00	\$0.00					
<b>LABOR COSTS (\$)</b>		\$0.00	\$2,610.00	\$6,960.00	\$7,200.00	\$0.00	\$0.00	\$1,520.00	\$14,760.00	\$520.00	\$0.00	\$0.00					
EXPENSES								<b>COMMENTS:</b> Additional effort for Environmental Checklist for a State funded project for grade-separated railroad crossing. Permitting to be added by amendment during design.									
SUB-TASK NO.	ITEM(S)	QUANTITY	UNIT PRICE	TOTAL PRICE													
B7.2.4	Environmental Data Resources (EDR) Report	1	\$1,000.00	\$1,000.00													
	Aerial Photography	8	\$65.00	\$520.00													
				\$0.00													
				\$0.00													
				\$0.00													
				\$0.00				<b>FIRM'S TOTAL COST OF LABOR (or Fixed Price):</b>					\$33,570				
Markup at 10%				\$152.00				<b>IF CPFF, TOTAL INDIRECT COST @</b>					0.00%	\$0			
				<b>TOTAL EXPENSES:</b>	<b>\$1,672</b>				<b>FIRM'S TOTAL EXPENSES</b>					<b>\$1,672</b>			
<b>SUB-CONTRACTORS: Firm Initials and Price Per Task</b>								<b>FIRM'S TOTAL COST (no Subcontracts or Fee)</b>					<b>\$35,242</b>				
<b>FIRM:</b>	<b>NLUR</b>	<b>Hoefler</b>	<b>ABR</b>		<b>Subtotal</b>	<b>10% Markup</b>											
<b>AMOUNT:</b>	\$5,100				\$5,100	\$510	<b>TOTAL SUBCONTRACTOR PRICES:</b>					<b>\$5,610</b>					

40,852

\* 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: Hattenburg Dilley & Linnell				PROJECT TITLE: South Mack Extension - Amendment 2 Grade Separated Crossing PER								
TASK NO:	5	TASK DESCRIPTION: Public Involvement								DATE: 4/20/2010		
GROUP:	METHOD OF PAYMENT: FP <input type="checkbox"/> FPPE <input type="checkbox"/> T&E <input checked="" type="checkbox"/> CPFF <input type="checkbox"/>							PREPARED BY: David Lundin				
SUB-TASK NO.	SUB-TASK DESCRIPTION	LABOR HOURS PER JOB CLASSIFICATION										
		Principal	Proj Mgr/ Civil Eng	Senior Planner	Environ. Manager	Environ. Specialist	Senior Designer	Drafter	Admin.			
B11.1	General Mgmt & Coordination		8	4					4			
B11.2	Prepare PIP (draft & final)		1	2								
B11.2	Public Meeting: Scoping		4	8	6	6	8	8				
B11.2	Newsletters/Postcards (1)		1	2			4	4				
B11.2	COW Planning Comm (1 ea)		4	4	4		4	8				
B11.2	Mailing List Creation/Maint.			1								
B11.2	Comment Summary		1	1								
B11.2	PER PI Summary		1	2								
B11.2	Website updates		1	2								
<b>TOTAL LABOR HOURS</b>		0	21	26	10	6	16	20	4	0	0	0
<b>* LABOR RATES (\$/HR)</b>		\$165.00	\$145.00	\$145.00	\$120.00	\$90.00	\$110.00	\$95.00	\$65.00	\$0.00	\$0.00	\$0.00
<b>LABOR COSTS (\$)</b>		\$0.00	\$3,045.00	\$3,770.00	\$1,200.00	\$540.00	\$1,760.00	\$1,900.00	\$260.00	\$0.00	\$0.00	\$0.00
EXPENSES					<b>COMMENTS: Assumes 1 Public Meeting and 1 presentation to the COW Planning Commission. Display ads, mtg venue rental, Website, PIP, mailing list, advertisement, and mtg materials will be by Brooks .</b>							
SUB-TASK NO.	ITEM(S)	QUANTITY	UNIT PRICE	TOTAL PRICE								
	Miscellaneous meeting expenses	1	\$100.00	\$100.00								
				\$0.00								
				\$0.00								
				\$0.00								
				\$0.00								
				\$0.00								
				\$0.00								
				\$0.00								
Markup at 10%				\$10.00	FIRM'S TOTAL COST OF LABOR (or Fixed Price):		\$12,215					
					IF CPFF, TOTAL INDIRECT COST @		0.00% \$0					
<b>TOTAL EXPENSES:</b>				<b>\$110</b>	<b>FIRM'S TOTAL EXPENSES</b>		<b>\$110</b>					
<b>SUB-CONTRACTORS: Firm Initials and Price Per Task</b>					<b>FIRM'S TOTAL COST (no Subcontracts or Fee)</b>		<b>\$12,325</b>					
FIRM:	Brooks			Subtotal	10% Markup							
AMOUNT:	\$7,490			\$7,490	\$749	<b>TOTAL SUBCONTRACTOR PRICES:</b>		<b>\$8,239</b>				

20,564

\* 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: Hattenburg Dilley & Linnell				PROJECT TITLE: South Mack Extension - Amendment 2 Grade Separated Crossing PER										
TASK NO:	7	TASK DESCRIPTION: Geotechnical Investigation							DATE: 4/20/2010					
GROUP:	METHOD OF PAYMENT: FP <input type="checkbox"/> FPPE <input type="checkbox"/> T&E <input checked="" type="checkbox"/> CPFF <input type="checkbox"/>							PREPARED BY: Lorie Dilley						
SUB-TASK NO.	SUB-TASK DESCRIPTION	LABOR HOURS PER JOB CLASSIFICATION												
		Principal	Proj Mgr/ Civil Eng	Principal Geotech	Geotech Engineer	Hydrology Engineer	Staff Geologist	Drafter						
B13.2	Coordination and management		4	10										
B13.2	Geotech research			4	10									
B13.2	Site visits/Utility locates			4	8									
B13.2	Geotech fieldwork			by previous amendment										
B13.2	Laboratory testing			2	8				30					
B13.2	Piezometer Measurement								8					
B13.3	Engineering Analysis		4	24	40				12	8				
<b>TOTAL LABOR HOURS</b>		0	8	44	66	0		50	8	0	0	0	0	0
<b>* LABOR RATES (\$/HR)</b>		\$165.00	\$145.00	\$165.00	\$105.00	\$80.00		\$85.00	\$95.00	\$0.00				
<b>LABOR COSTS (\$)</b>		\$0.00	\$1,160.00	\$7,260.00	\$6,930.00	\$0.00		\$4,250.00	\$760.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
EXPENSES					<b>COMMENTS: Additional effort for grade-separated railroad crossing and Lucille Creek crossing. Borings and sampling by previous amendment. Laboratory testing for grain size and moisture content. Preliminary geotechnical report to support bridge selection report. Add'l geotechnical investigation for road design and final report to be added by amendment.</b>  FIRM'S TOTAL COST OF LABOR (or Fixed Price): \$20,360 IF CPFF, TOTAL INDIRECT COST @ 0.00% \$0 FIRM'S TOTAL EXPENSES \$0 FIRM'S TOTAL COST (no Subcontracts or Fee) \$20,360									
SUB-TASK NO.	ITEM(S)	QUANTITY	UNIT PRICE	TOTAL PRICE										
13.2	Field Supplies		\$500.00	\$0.00										
				\$0.00										
				\$0.00										
				\$0.00										
				\$0.00										
				\$0.00										
				\$0.00										
				\$0.00										
Markup at 10%					\$0.00									
<b>TOTAL EXPENSES:</b>					<b>\$0</b>									
<b>SUB-CONTRACTORS: Firm Initials and Price Per Task</b>														
FIRM:					Subtotal	10% Markup								
AMOUNT:					\$0	\$0	<b>TOTAL SUBCONTRACTOR PRICES:</b>							
							<b>\$0</b>							

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20,360