

	Approved Denied
Date Action Taken:	5/10/10
Other:	
Verified by:	.Ye

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	428/10
X	Finance Director	Mon 1/2 + 29-2010
X	Deputy Administrator	Mon flale
X	City Clerk	18m X

RE\	/IEWED	BY	MAYOR	VERNE	E. R	UPRIGHT:

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

CIVIL ENGINEERING

GEOTECHNICAL ENGINEERING

TRANSPORTATION ENGINEERING

ENVIRONMENTAL SERVICES

PLANNING

SURVEYING

CONSTRUCTION ADMINISTRATION

MATERIAL TESTING 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)

FIRM: Hattenburg Dilley & Linnell PROJECT TITLE: South Mack Extension DATE: 4/20/2010 Amend. 2 - Grade Separated Crossing PER TOTAL NEGOTIATED FIXED FEE: \$0 FIRM'S TOTAL *SUB-PRICE PLUS LABOR INDIRECT FEE ARTICLE TASK **EXPENSES TOTAL COST** (or FP) COST DISTRIBUTION PRICE CONTRACTS SUBS \$33,570 \$0 \$1,672 \$35,242 \$35,242 \$5,610 \$40,852 1 В8 2 \$0 \$0 \$0 \$0 \$0 \$0 \$0 В9 3 \$0 \$0 \$0 \$0 \$0 \$0 \$0 4 \$0 B10 \$55,090 \$1,650 \$56,740 \$56,740 \$60,189 \$116,929 5 \$12,215 \$12,325 \$12,325 \$8,239 \$20,564 B11 \$0 \$110 B12 6 \$0 \$0 \$0 \$0 \$0 \$0 \$0 B13 7 \$20,360 \$0 \$0 \$20,360 \$20,360 \$0 \$20,360 B14 8 \$0 \$0 \$0 \$0 \$0 \$0 \$0 B15 9 \$0 \$0 \$0 \$0 \$0 \$0 \$0 *Subcontractors for negotiated professional or technical services, products, etc. (Commodity items available to the general public at market prices, equipment use, and unit priced items are generally included in estimate as expenses.) **ESTIMATED** LABOR INDIRECT FIRM'S TOTAL *SUB-PRICE PLUS **EXPENSES TOTAL COST** FEE **TOTALS** (or FP) COST PRICE CONTRACTS SUBS FOR FIRM: \$121,235 \$124,667 \$0 \$74,038 \$0 \$3,432 \$124,667 \$198,705

FIRM:	Hattenburg	Dilley & Linnell	PROJECT TITLE: South Mack Extension - Amendment 2 Grade Separated Crossing PER										
TASK NO:	1	TASK DESCRIPTION:		Environment	al Services							DATE:	4/20/2010
GROUP:		METHOD OF PAYMENT:		FP	FPPE	T&E ✓	CPFF		PREPA	RED BY:	Katrina Moss	t	**************************************
SUB-				So-communication and action of the contraction of t		LABOR HOL	JRS PER JOE	3 CLASSIFIC	ATION			Material Control of the Control of t	CONTROL CONTRO
TASK NO.	SUB-	TASK DESCRIPTION	Principal	Proj Mgr/ Civil Eng	Senior Planner	Environ. Manager	Staff Engineer	Senior Designer	Drafter	Environ. Specialist	Admin.		
B7.1	General Mor	nt & Coordination		8	8	<u> </u>					8		
	<u> </u>	THE STATE OF THE S			<u> </u>								
B7.2		al Analysis Site Visit			4	4				4			
B7.2.1	- Wetland De	elineation & Functional Asses	sment		6	12			8	40			
B7.2.2	- Fish Habita	t		<u> </u>	not anticipate	d							
B7.2.3	 Vegetation/ 				2	4				8			
B7.2.4	- Phase I ES				2	16]	ļ		60			
B7,2.5	- Cultural Re				8	ļ							
B7.2.6	- Threatened	and Endangered			2					4			
B7.3	Environment	al Checklist		4	4	12			8	24			
B7.4	Permitting			ado	l led by amend	ment							
B7,5	Public and A	gency Coordination		4	8	8				16	***************************************		
D7.0	Davisad Fav	ronmental Checklist		2	4	4				8			
B7.6	Revised Env	ronmental Checklist			4	4				0			
TOTAL LAI	BOR HOURS		0	18	48	60	0	0	16	164	8	0	0
	ATES (\$/HR)		\$165.00	\$145.00	\$145.00	1	\$90.00	1	\$95.00	\$90,00	\$65.00	\$0.00	\$0.00
LABOR CO			\$0.00	\$2,610.00	\$6,960.00	\$7,200.00	\$0.00		\$1,520.00	 	\$520.00	\$0.00	\$0.00
			EXPENSES		•			COMMEN	(TO: A.1.154		<i>.</i>		1
SUB- TASK NO.		ITEM(S)			QUANTITY	UNIT PRICE	TOTAL PRICE	for a Stat	e funded p	ional effort project for g	rade-sepa	rated railro	oad
B7.2.4	Environment	al Data Resources (EDR) Re	port		1	\$1,000.00	\$1,000.00	\$1,000.00 crossing. Permitting to be added by					uring
	Aerial Photography			***************************************	8	\$65.00	\$520.00	design.					
					1		\$0.00	1					
			·				\$0.00						
							\$0,00						
								00 FIRM'S TOTAL COST OF LABOR (or Fixed Price):					\$33,570
			1	Markup at 10%	6		\$152.00	IF CPFF, TO	TAL INDIREC	CT COST @		0.00%	\$0
					TOTAL	EXPENSES:	\$1,672	FIRM'S TOTA	AL EXPENSE	S			\$1,672
		SUB-CONTRACTORS: Fire	n Initials and	Price Per Ta	sk		1	<u> </u>	AL COST (no	Subcontracts	or Fee)		\$35,242
FIRM:	NLUR	Hoefler	ABR			Subtotal	10% Markup	1				·	
AMOUNT:	\$5,100					\$5,100	\$510	TOTAL SUB	CONTRACTO	R PRICES:			\$5,610

60,852

^{*} 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.)

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FIRM: Hattenburg Dilley & Linnell					PROJECT TITLE: South Mack Extension - Amendment 2 Grade Separated Crossing PER								
TASK NO:	SK NO: 4 TASK DESCRIPTION: Preliminary Er					gineering Report DA						DATE:	4/20/2010
GROUP:	DUP: METHOD OF PAYMENT: FP				FPPE	T&E 🗸	CPFF		PREPA	RED BY:	David Lundin	1	
SUB-	and the colored that consider any area, and a sure of particular and the colored and the color				and the special states of the special states	LABOR HO	URS PER JOE	3 CLASSIFIC	ATION				<u> Assaultanessa anno anno anno anno anno anno anno a</u>
TASK NO.	SUB-	TASK DESCRIPTION	Principal	Proj Mgr/ Civil Eng	Senior Designer	Environ. Manager	Staff Engineer	Drafter	Admin				
B10.1		nt & Coordination	4	8	ļ		<u> </u>		8			<u> </u>	
B10.2	Site Visit			4	4	-	 			<u> </u>		ļ	
B10.2	Research				8		8	 			ļ		ļ
B10.2	Design Criter			2	8							ļ	ļ
B10.2	Typical Secti			4	16			8	ļ		<u> </u>		<u> </u>
B10.2	Develop Line			8	40			24	 				ļ
B10.2	Alternative A			8 4	40 16		24	40	_			<u> </u>	<u> </u>
B10.2	Environment	ai impacis		4	16								
B10.2.1	Utility Impact	S	 	4	8	-	8	8	 			 	
B10.2.2	ROW & Relo			4	8			8				1	
B10.2.3	Bridge Select			16	8	†						-	
B10.2.4	Hydrology St					not anticipate	d						
B10.3	Cost Estimate	a		8	24		24	8					
B10.4	Draft PER		<u> </u>	16	24		24	4					
B10.5	Final PER			8	20			4	 			 	
					 			'					
<u> </u>	BOR HOURS		4	94	224	0	64	104	8	0	0	0	0
<u> </u>	ATES (\$/HR)		\$165.00	\$145.00	\$110.00	\$120.00	\$90.00	\$95.00	\$65.00	\$0.00			<u> </u>
LABOR CC	STS (\$)		\$660.00	\$13,630.00	\$24,640.00	\$0.00	\$5,760.00	\$9,880.00	\$520.00	\$0.00	\$0.00	\$0.00	\$0.00
			EXPENSES					COMMEN	ITS: Addit	ional effort	for grade	separated	railroad
SUB- TASK NO.		ITEM(S)			QUANTITY	JANTITY UNIT PRICE TOTAL PRICE Crossing. Assumes the No-build a					ild and 3 a	lternatives	1
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B10.2	Asbuilts, loca	tes, misc.			1	\$500.00	\$500.00	#1		t include a		Lucille. D	SR will
}	· · · · · · · · · · · · · · · · · · ·	productions, misc.	www.cverraniana.com		10	\$100.00	\$1,000.00	be added	by amend	ment if ned	essary.		
							\$0.00						
							\$0.00						
								LABOR (or Fi	xed Price):		\$55,090		
	Markup at 10%						\$150.00	IF CPFF, TO	TAL INDIREC	T COST @		0.00%	\$0
					TOTAL	EXPENSES:	\$1,650	FIRM'S TOTA	AL EXPENSE	S			\$1,650
		SUB-CONTRACTORS: Fir	m Initials and	Price Per Ta	sk			FIRM'S TOTA	AL COST (no	Subcontracts	or Fee)		\$56,740
FIRM:	Shearer					Subtotal	10% Markup						
AMOUNT:	\$54,717					\$54,717	\$5,472	TOTAL SUB	CONTRACTO	R PRICES:			\$60,189
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^{*} 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.)

FIRM: Hattenburg Dilley & Linnell						PROJECT TITLE: South Mack Extension - Amendment 2 Grade Separated Crossing PER							
TASK NO:	5	TASK DESCRIPTION:		Public Involv	ement							DATE:	4/20/2010
GROUP:		METHOD OF PAYMENT:		FP	FPPE	T&E ✓	CPFF		PREPA	RED BY:	David Lundin	·	
SUB-					Kajaraguna (1969) nikumana a	LABOR HO	URS PER JOE	CLASSIFICA	TION	33-44-0-4			
TASK NO.	SUB-	TASK DESCRIPTION	Principal	Proj Mgr/ Civil Eng	Senior Planner	Environ. Manager	Environ. Specialist	Senior Designer	Drafter	Admin.			
B11.1	General Mor	nt & Coordination		8	4					4			
B11,2		(draft & final)		1	2			1					
B11.2	Public Meeti			4	8	6	6	8	8				
B11.2	Newsletters/	Postcards (1)		1	2			4	4				
B11.2	COW Planni	ng Comm (1 ea)		4	4	4		4	8				
B11.2	Mailing List (Creation/Maint.			1								
B11.2	Comment Su			1	1								
Ş	PER PI Sum			1	2								
B11.2	Website upd	ates	<u> </u>	1	2		<u> </u>						
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TOTAL LAI	OR HOURS		0	21	26	10	6	16	20	4	0	0	0
	ATES (\$/HR)		\$165.00	\$145.00	\$145.00	\$120.00	\$90.00	\$110.00	\$95.00	\$65.00	\$0.00	\$0.00	\$0.00
LABOR CO	STS (\$)		\$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					COMMEN	ITS: Assu	mes 1 Publ	ic Meeting	and 1 pres	sentation
SUB- TASK NO.		ITEM(S)			QUANTITY	UNIT PRICE	TOTAL PRICE	COMMENTS: Assumes 1 Public Meeting and 1 presenta to the COW Planning Commission. Display ads, mtg ver					tg venue
	Miscellaneou	s meeting expenses			1	\$100,00	\$100.00	21	ebsite, PIP	-	st, advertis	ement, an	a mtg
							\$0.00	materials	will be by	Brooks .			
							\$0.00						
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						EIDM'S TOT	AL COST OF I	AROP (or El	vad Prica):		\$12,215		
			N	Markup at 10%	<u> </u>				TAL INDIREC		neu i iseej.	0.00%	\$12,213
			I	viarkup at 107	,	EXPENSES:		<u> </u>	AL EXPENSES			0.0070	\$110
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FIRM:	Brooks	JUB-CONTRACTORS. FIII	n miliais anu	THUEFEL IA	3 N	Subtotal	10% Markup		-L 0031 (110	Justomidels	or ree)		912,323
AMOUNT:						\$7,490	· · · · · · · · · · · · · · · · · · ·		CONTRACTO	R PRICES:			\$8,239
AMOUNT:	φ1,43U			Service of the servic		ψ1,43U	ψ/45 1	I O IME SOD	CONTINACIO	NINICE.	MONTH OF THE PERSON NAMED IN COLUMN 2 IN C	manamanian and an analysis and a second and a	40,437

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FIRM: Hattenburg Dilley & Linnell						PROJECT TITLE: South Mack Extension - Amendment 2 Grade Separated Crossing PER							
TASK NO:	7	TASK DESCRIPT	TION:	Geotechnica	I Investigation		······································					DATE:	4/20/2010
GROUP:		METHOD OF PAYMENT:		FP	FPPE	T&E ✓	CPFF		PREPA	RED BY:	Lorie Dilley	<u></u>	*************************************
SUB-						LABOR HOL	JRS PER JOE	CLASSIFICA	TION				1/2K-12/05/CO-00-0
TASK NO.	SUB-1	TASK DESCRIPTION	Principal	Proj Mgr/ Civil Eng	Principal Geotech	Geotech Engineer	Hydrology Engineer	Staff Geologist	Drafter				
B13.2	Coordination	and management		4	10		1						
B13.2	Geotech rese				4	10				 			
B13.2	Site visits/Util	lity locates			4	8				1			
B13.2	Geotech field	work			by p	revious amend	dment						
B13.2	Laboratory te	sting			2	8		30					
B13.2	Piezometer M							8					
B13.3	Engineering A	Analysis		4	24	40		12	8				
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L	OR HOURS		0	8	44	66	0	50	8	0	0	0	0
	ATES (\$/HR)		\$165.00	\$145.00	\$165.00	\$105.00	\$80.00	\$85.00	\$95.00	\$0.00			
LABOR CO	STS (\$)		\$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
			EXPENSES					COMMEN	ITS: Additi	onal effort	for grade-	separated	railroad
SUB- TASK NO.		ITEM(S)			QUANTITY	UNIT PRICE	TOTAL PRICE	crossing	and Lucille	e Creek cro	ossing. Bo	rings and	sampling
13.2	Field Supplies	3				\$500.00	\$0.00					ting for gra	
							\$0.00	3 (echnical re	12
							\$0.00	support b	ridge sele	ction repo	rt. Add'l ge	eotechnica	.I
							\$0.00	investiga	tion for roa	ad design a	and final re	port to be	added by
							\$0.00	amendme	ent.				
						CIDM'S TOTA	U COST OF	LABOR (or Fi	vad Brigali		\$20,360		
Markup at 10%								IF CPFF, TO			AGU FIICE):	0.00%	
					p	EXPENSES:	\$0	FIRM'S TOTA	AL EXPENSE	s			\$0
		SUB-CONTRACTORS: Firm	n Initials and	Price Per Ta			egographic and the control of the co			Subcontracts	or Fee)		\$20,360
FIRM:						Subtotal	10% Markup		200, (110				V 20,000
AMOUNT:						\$0		TOTAL SUB	CONTRACTO	R PRICES:			\$0
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