

May 2, 2018

Ms. Maria D'Andrea, Public Works Director City of Commerce City | Public Works 8602 Rosemary Street Commerce City, CO 80022

Re: Tower Road Widening Project

Consultant Budget Amendment Request #2

Dear Ms. D'Andrea;

On January 8, 2018, Amendment 1 to HDR's contract for the referenced project was approved. Amendment 1 was based upon a number of factors, including the contractor's performance of minimal work during January, 2018, and completion of the entire project, including T-88 work, by mid May, 2018.

Since execution of contract amendment number 1, numerous factors have impacted HDR's work on the project, resulting in exhaustion of contract funds as of April 26, 2018. HDR has included Attachment 1, As-planned versus actual hours, and Attachments 2 and 3, contractor progress schedule, as reference documents supporting the following impacts:

- Favorable weather allowed the contractor to perform significantly more work in January, resulting in more demands on HDR staff. HDR made significant efforts to reduce staff at the earliest opportunity afforded by the contractor's schedule;
- Inefficiencies resulting from the extended period of contract performance, coupled with contractor challenges in managing their subcontractors, resulted in expenditure of hours without significant gain on critical path schedule items;
- 3. Changes to the north end of T-88 work, just in the process of resolution as of this missive, have impacted the contractor's completion schedule.

While the contractor plans to complete contract work exclusive of the north end of T-88 by the end

of May, 2018, HDR's involvement through completion of the contract and T-88 work has resulted in an estimated additional funds request as shown at the right. In this estimate, please note the following:

 HDR has maintained 2016 rates despite the fact that our staff have had rate adjustments in both 2017 and 2018;

LABOR							
<u>Name</u>	<u>Hours</u>	Unit Rate	<u>Subtotal</u>				
Koenig, Jake	192	\$ 162.00	\$31,104.00				
Tonilas, Bruce	28	\$ 190.00	\$5,320.00				
DIRECT COSTS							
<u>Description</u>	<u>Units</u>	Unit Rate					
Mileage	2100	\$0.545	\$1,144.50				
	Modification 2 Total						

- 2. Jake Koenig's hours are estimated at 16 hours per week from April 30th through June 9th, and 12 hours per week thereafter through August 4th.
- 3. Mileage is estimated based upon historic travel patterns over the course of the project.

We trust the information presented herein sufficiently supports this reasonable request for contract amendment. If you have any questions or require additional information, please contact the undersigned via email at bruce.tonilas@hdrinc.com or phone at 303-941-1330 within 7 calendar days of receipt of this request. We continue to work in good faith on the project with the understanding that a budget amendment will be approved not later than May 25th, which is the cutoff date for the next billing cycle.

Sincerely, HDR Engineering

Bruce Tonilas
Associate Vice President

Cc: J. Koenig, HDR T. Starrett, HDR File 10027945-2.0

Attachments:

1- As-planned vs. Actual consultant labor2-FIC April, 2018 schedule, Critical Activities Only3-FIC April, 2018 schedule, All Activities

ATTACHMENT 1 – As-Planned vs. Actual hours, January through April 21, 2018

	MANHOUR ESTIMATE													
Month														
<u>Name</u>	Já	an-18	<u>Fe</u>	b-18	Ma	ar-18	<u>A</u>	<u>pr-18</u>	M	lay-18	<u>J</u> (<u>un-18</u>	<u>Suk</u>	<u>ototal</u>
	<u>Est</u>	Actual*	<u>Est</u>	Actual*	<u>Est</u>	Actual*	<u>Est</u>	Actual*	<u>Est</u>	Actual**	<u>Est</u>	Actual**	<u>Est</u>	Actual*
Koenig, Jake	45	160	60	61.5	60	63	60	44	60		0		285	328.5
Miller, Dave	0	28	0	0	0	0	0	0	0		0		0	28
Tonilas, Bruce	2	5	2	1	2	5	2	3.5	2		2		12	14.5
Mileage	250	2505	550	1414	550	610	550		550		150		2600	4529

^{*} Estimated (Amendment 1) and actual periodic hours, mileage, from 1/1/2018 through 4/21/2018

^{**} to be determined



ATTACHMENT 2 – FIC progress schedule, Critical Activites, April, 2018

Tower Road Widening Project		Tower Road Widening - April 2018 Schedule Update											Project # PW-03-2014			
ofly D Actorly Name	Original Duration	Shart	BL Project Start	Finsh	BL Project Finish	Activity % Remaining Complete Duration	Total Float	Calendar	44			2017		2018		
Tower Road Widening - April 2018 Schedule Update		11-Jan-18A	22-Jan-18	19-Jul-18	19-34-18	62	-47		Q3 Q4	Q1	02	Q3	Q4	Q1	02	Q8
PROJECT SUMMARY / MILESTONES	0	19-16-18	19-34-18	19-Jul-18	19-34-18	A	-87	2844-7DAVK	į	İ	İ	İ	•		<u> </u>	▼ 19-34-1
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Procurement	0											1		1		1
UTILITIES / COORDINATION	0					0	0					1	1	_	11	
CONSTRUCTION	127	11-Jan-18 A	22-Jan-18	19-Jul-18	19-34-18	62	-47		i	i	i	i	i		1	7 19-34
ROADWAY	0					0	0					- <u>†</u>	- <u>†</u>		†-	·†
STRUCTURES	0					0	0		!	1	1	!	!	!	!	!
T88 Mainline	127	11-Jan-18 A	22-Jan-18	19-Jul-18	19-34-18	62	-47		!	ļ	ļ	!	!	-	!	19-34-1
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Settlers Crossing Pond	0					•	۰		i	i	L	_i	_i	_i	i_	.j
104th Pond	0					•	۰		i	i	i	i	i	i	i l	i
21" Sanitary Sewer Line (CO #2)	0								i	į	İ	i	i	i.——	i	19-34-1
T88 Mainline			22-Jan-18	19-Jul-18	19-34-18	62			į	į	İ	İ	İ	_	!	19-34-
TSS North U7480 Rip Rep on Hold for E470 Permit Finelization		11-Jan-18A		19-Jul-18	19-34-18	62		2844-5DWK		1	1	1	1		:	
U7/450 Rip Rap on Hold for E470 Permit Finalization U7/220 12" Rip Rap		11-Jan-18 A 07-May-18	22-Jan-18 07-May-18	04-May-18 17-May-18	19-Feb-18 17-May-18	80% 10 0% 9	-47 -47	2844-5DAVK 2844-5DAVK			 -	-}	- !	-ļ- 	Rip Ru	on Hold for I
U7230 Drop Structure 1		18-May-18	18-May-18	01-Jun-18	01-Jun-18	0% 10	-47	2844-5DAWK		i	i	i	i	1		rep Hap Insp Structure 1
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U7280 Drop Structure 4	10	02-Jul-18	02-Jul-18	16-Jul-18	16-34-18	0% 10	-47	2844-5DAWK	į į	İ	İ	İ	į	į	! '	_
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