



1910 East University Avenue, Fresno, California, 93721

CONTRACT CHANGE ORDER NO.

1

CONTRACT	AWARE	DED BY:	Fresno Cit	y Cou	ncil		DATE OF AWARD:	April 21st 20	16	
PROJECT:	Friant-K	em Canal Pipe	line Project							
P.O. NO:	FRSNC	0-0000070590		F	PROJECT ID NO	WC000038	3	BID FILE NO):	3372
CONTRACT		Mountain Cas	scade Inc.					11 1-24 1-24 1-24 1-24 1-24 1-24 1-24 1-		
5011110101	011.	Wodman Gas	70440 1110.							
The Contra not include	ctor is he d in the p	ereby requeste	ed to make tl cifications or	he hei n this	rein described c contract. NOTE:	hanges from THIS CHAN	the Contract Documents of GE IS NOT EFFECTIVE UN	or do the follow	wing desc KECUTED	cribed work).
Description	on of R	equested C	hange:							
I.	CHAN	IGES TO CO	NTRACT	PLAN	IS AND SPEC	IFICATION	<u>S.</u>			
	A.	wire, addres	ses consist	ency	sists environme of access vault ? for summary o	s, adjusts sti	t with excavation of burro Iling well detail, and prov	ows, receives rides design c	a credit f redit for	or tracer removal of
II.	CONT A.	RACT PRIC	The state of the s	1 resu	ults in a net dec	rease of \$70),274.26 to the contract p	orice.		
III.	CONT B.	RACT TIME No time imp								
STATEMENT	OF CON	TRACT PRICE					STATEMENT OF CONTRACT	T TIME		
JIAI LIVILIA	OF CON	TRACTITIOE					OTATION OF CONTINUE		Calendar	Contract Date
		Original Cont	ract Price	\$	15,157,862.00	-0			Days	Contract Date
Appr	oved Cos	t Change Orde	rs to Date	\$	-		Contract Notice to Proceed			5/31/2016
			,		(70,274.26)	- Soc (Ba 2)	Calendar Days to Substantial	Completion	440	
Total of al		ost of this Char ct Cost Chang		\$	(10,214.20)	_ See (Fg 2)	Calendar Days to Final Comp		500	March 18 to 19
TOTAL OF AL		ding this Chan		\$	(70,274.26)	1	Computed Date for Substantia		300	8/13/2017
	meiu	unig tins Chan	ge Order	Ψ	(10,214.20)	_	Computed Date for Final Com			10/12/2017
							Time Extension Days For Cor	ntract		
							Time extension days this C		0	
Net percent	age chan	ge in Contract F			0.50		Total time extension days p		0	
		original Cont	tract Price		-0.5%)	Total Time Extension Days		0	
							Excess Adverse Weather Day Suspended Work Days To Day		0	
							Revised Substantial Compl			8/13/2017
Re	vised C	ontract Price	9	\$	15,087,587.74		Revised Final Completion D			10/12/2017
equipment, fu	irnish all n efore the	ontractor, have gi naterials, except price shown abo	as may otherw	nsidera ise be	noted above, and p	proposed and herform all servi	ereby agree, if this proposal is ces necessary for the work abo cade Inc.	approved, that w	e will provi	de all t as full
Accepted By:		Fruis	oce of this orde	r his s	attention is directed	Title:	nents of the specifications as t	o proceeding wit	h the order	ed work.
ir tire contrac	tor does n	de Bigir acceptant	I I I I I I I I I I I I I I I I I I I	1, 1113 6	iterition is directed	to the requirer	north of the opcomedicate as t	o proceeding in		
		1, 21			OWN	ER APPROVAL				,
Submitted By		rr, Construction Mar	nager	Reco	mmended By:	Randy Hoffman	Project Manager	Date:	12/2	8/2016
Authorized B	y: =	Public Utilities	Water Division	Mana	ger	Michael Carbaja	La Bill	Date:	1/3	117 4M7
Approved By		Public Utilities			f Monting Data	Thomas Esqued	a //	Date:	17/	001
Approved By	: 🗆	City Council			f Meeting Dated:	-	hand of south a series of	idual abagina and-i		
		(Counc	cil approval require ds Fresno City Ch	ed if cha arter lin	inge order or total chan nit or Section 33422 He	ge orders exceed allh and Safety Co	opercent of contract price or if individe for Agency contracts.)	idual change order)		
		0.000				-	ATTEC	т.		_

ATTEST:

YVONNE SPENCE, CMC

CITY CLERK

By Cindy Druer 1/5/17

Deputy





CONTRACT CHANGE ORDER NO. Change Order Details

Change Order Request	Description	Amount	Time increase
1	WCD 001:Excavation on Burrows Mountain Cascade provided Cat 420 or equal w/ 12" bucket and operator to assist Live Oak Associates (LOA) with excavation of burrows that would have been completed by hand. This work was maintained until LOA completely cleared the project area. LOA was also able to request an additional piece of equipment and operator when necessary.	\$ 54,432.86	0
1	RFP 001: Tracer Wire Credit Design Engineer indicated that the tracer wire is no longer needed for this project due to pipe marker located throughout the alignment.	\$ (6,883.00)	0
1	RFP 002: Access Vault Detail In order to be consistent with other recharge Fresno program projects. All 48- inch diameter precast manholes shown in Detail 1 on Sheet 50 shall be filled with drain rock to a depth of 6 inches below the top of access manway blind flange.	\$ 6,233.22	0
1	RFP 003: Stilling Well Detail The stilling well shown in Detail 2 on Sheet 37A of the Plans was changed from a 12-inch to 18-inch diameter stilling well during the bid period. The utility box which was called out as a Christy B65 utility box, or approved equal, is too small for the 18" stilling well. The utility box shall be changed to a Christy N40 Electrical Box with reinforced concrete lid, or approved equal.	\$ 339.66	0
1	RFP 004: Elimination of Diapers In RFI 017 MCI requested to provide a credit for removal of exterior pipe joint grouting due to the complete encasement of the pipeline with CLSM. The City has decided to accept the credit.	\$ (124,397.00)	0
		\$ (70,274,26)	0





Adverse Weather Delay Days

Agreed	Adverse	Weather	Days
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Month	AWDs	Excess AWDs to be Applied to Contract Time
May-16	0	TBD
Jun-16	0	TBD
Jul-16	0	TBD
Aug-16	0	TBD
Sep-16	TBD	TBD
Oct-16	TBD	TBD
Nov-16	TBD	TBD
Dec-16	TBD	TBD
Jan-17	TBD	TBD
Feb-17	TBD	TBD
Mar-17	TBD	TBD
Apr-17	TBD	TBD
May-17	TBD	TBD
Jun-17	TBD	TBD
Jul-17	TBD	TBD
Aug-17	TBD	TBD
Sep-17	TBD	TBD
Oct-17	TBD	TBD

Total Excess AWDs

0





1910 East University Avenue, Fresno, California, 93721

CONTRACT			Fresno City C	Council		DATE OF AWARD:	April 21st 20	16	
		ern Canal Pipelii	ne Project	DDO IFOT ID NO	14/0000000		DID EILE NO	· · · · · · · · · · · · · · · · · · ·	2270
P.O. NO:		0000070590	ada Ina	PROJECT ID NO:	- WC000038		BID FILE NO):	3372
CONTRACT	OK:	Mountain Casc	ade inc.						
						ne Contract Documents of E IS NOT EFFECTIVE UN			ibed work
Descriptio	on of Red	quested Cha	nge:						
1.				NS AND SPECIF					
		posts, adds co	onduit to ante	nna mast, repays o	costs associa	ast building, adds additic ted with paleo monitorin See Page 2 for summary	g, receives cre		
II.		ACT PRICE This Change	Order No.2 re	sults in a net incre	ase of \$53,10	01.76 to the contract price	e.		
III.	CONTR	RACT TIME No time impac							
	OF CONT	DA OT DDIOE				STATEMENT OF CONTRA	OT TIME		
STATEMENT	OF CONT	Original Centre	et Brico &	45 457 962 00		STATEMENT OF CONTRAC	CITIME	Calendar	Contract Date
Appro	oved Cost	Original Contra Change Orders			-	Contract Notice to Proceed		Days	5/31/2016
Дррго		st of this Chang	967 (1000) 100 (1000)		-	Calendar Days to Substantia	al Completion	440	
Total of al		t Cost Change		55,101.10	_000 (, g 2)	Calendar Days to Final Com	pletion	500	
10141 01 41		ng this Chang		(17,172.50)		Computed Date for Substan	tial Completion	4 F2 4 5 4 5 1	8/13/2017
						Computed Date for Final Co			10/12/2017
						Time Extension Days For Co			
Not paraanta	aa ahana	e in Contract Pr	ico from			Time extension days this Total time extension days		0	
Net percenta	age change	original Contra		-0.11%		Total Time Extension Day	·	0	
		original contro		-0.1176	-	Excess Adverse Weather D		0	721
						Suspended Work Days To D		0	
						Revised Substantial Comp			8/13/2017
Re	vised Co	ntract Price	\$	15,140,689.50		Revised Final Completion	Date		10/12/2017
equipment, fu	irnish all ma efore the p	ntractor, have give aterials, except a rice shown above	s may otherwise	be noted above, and	e proposed and perform all serv Mountain Caso	hereby agree, if this proposatices necessary for the work and	I is approved, tha above specified, a	t we will pro and will acco	ovide all ept as full
Accepted By:		A			Title:	1/-1			
		t sign accentance	e of this order h	is attention is directed	-	ents of the specifications as	to proceedina wit	h the order	ed work.
T the contract	(C) 4000 (N)	- ogg dooptano							
Submitted By:	(ser	itez) Ko	in R	OWNE ecommended By:	PHA		Date:	05/2	4/2017
		Construction Manag			Randy Hoffman, F	roject Manager	Dates	6/1	112
Authorized By Approved By:		Public Utilities W		anager	Michael Carbajal	WE yell	Date:	6/6	PUT
Approved By:		City Council	Minute	s of Meeting Dated:	Thomas Esqueda				l .
		(Council a	pproval required if o	hange order or total change	orders exceed 10 p	percent of contract price or if individu	al change order)		





CONTRACT CHANGE ORDER NO. Change Order Details

Change Order Request	Description	Amount	Time increase
2	COR 001: Precast Concrete Building Electrical This change was initiated by the City to replace lights on the pre-cast building with LED versions and also to eliminate the alarm system which will be covered by a separate contract.	\$ 2,358.71	0
2	COR 002: Additional Flowmeter Cable This change for additional cable was a resultant of RFI 095 when it was determined the length of cable shown on the plans was not of sufficient length.	\$ 9,116.35	0
2	COR 004: Split Red Cedar Posts This change is associated with all extra work associated with the corrections necessary to bring the fencing of the Lesher Property into agreement with the Lesher MOU including purchase of "split" red cedar posts, removal of previously install red cedar post and replacement with "split" red cedar posts as defined in the Lesher MOU.	\$ 29,822.59	0
2	RFP 005: Additional Support for Grating at Turnout This change implements grating manufacture Anvil International recommendation for additional welded steel support brackets at the edge of the grating were needed to provide a safe working platform for City workers.	\$ 1,445.90	0
2	RFP 006: Antenna Mast This change adds conduits to provide the necessary connections to support radio communications between the NESWTF and the Friant Kern Canal turnout site.	\$ 1,669.50	0
2	RFP 008: Asphaltic Coating Credit This change modified the coating on small diameter pipe specials from epoxy to an industry standard asphaltic coating to expedite the fabrication and provide a credit to the City.	\$ (11,068.75	0
2	RFP 012: Hydro-Test Solution This change adds small diameter air relief vents in the pipe access manways to provide a long term means to support the City's future maintenance.	\$ 19,757.46	0
	"我们是这种的人,我们就是一个人的人,我们就是一个人的人的人,我们就是一个人的人的人,我们就是一个人的人的人,我们就是一个人的人的人,我们就是一个人的人的人,	\$ 53,101.76	0





Adverse Weather Delay Days

Agreed Adverse Weather Days

Month	AWDs	Excess AWDs to be Applied to Contract Time
May-16	0	TBD
Jun-16	0	TBD
Jul-16	0	TBD
Aug-16	0	TBD
Sep-16	TBD	TBD
Oct-16	TBD	TBD
Nov-16	TBD	TBD
Dec-16	TBD	TBD
Jan-17	TBD	TBD
Feb-17	TBD	TBD
Mar-17	TBD	TBD
Apr-17	TBD	TBD

Total Excess AWDs

0





1910 East University Avenue, Fresno, California, 93721

CONTRACT CHANGE ORDER NO. 3

CONTRACT AWARDED BY:	Fresno City Co	ouncil		DATE OF AWARD:	April 21st 2016	6	
PROJECT: Friant-Kern Canal	Pipeline Project			·			
P.O. NO: FRSNO-00000705	90	PROJECT ID NO:	WC0000	38	BID FILE NO:		3372
CONTRACTOR: Mountain	Cascade Inc.			<u> </u>			
·							
The Contractor is hereby requ not included in the plans and	specifications on th						
Description of Requested				_,			
A. This Cha to weath	er and construction ventilation for existing	cludes costs asso access, paleo mo	ciated with onitoring, a	<u>S.</u> improvements to Garon ddition of Foothill Lane s ut of sequence pipe layir	shoulder, Tempo	orary Foo	thill Lane for
II. CONTRACT PR A. This Cha		sults in a net incre	ease of \$28	34,395.50 to the contract	t price.		
III. CONTRACT TIME B. No time in	200						
STATEMENT OF CONTRACT PRI	CE			STATEMENT OF CONTRAC	CT TIME		
Original C	ontract Price _\$	15,157,862.00				Calendar Days	Contract Dates
Approved Cost Change O	rders to Date \$	(17,172.50)		Contract Notice to Proceed			5/31/2016
Cost of this C	-	284,395.50	See (Pa 2)	Calendar Days to Substantia	I Completion	440	
Total of all Contract Cost Cha		201,000.00	27 (EV 227)	Calendar Days to Final Comp	pletion	500	
including this Cl		267,223.00		Computed Date for Substant		4	8/13/2017
				Computed Date for Final Cor			10/12/2017
				Time Extension Days For Co			
Not recorded a character of	and and Daine			Time extension days this (_	
Net percentage change in C from original C		1 76%	}	Total time Extension days Total Time Extension Days		0	
nom original C		1.76%		Excess Incliment Weather D		0	
				Suspended Work Days To D		0	
				Revised Substantial Compl			8/13/2017
Revised Contract Pr	rice \$	15,425,085.00		Revised Final Completion I	Date		10/12/2017
We, the undersigned contractor, has equipment, furnish all materials, expayment therefore the price shown Acceptance Date: Accepted By: If the contractor does not sign acceptance.	cept as may otherwise above	Contractor:	mountain Ca	ervices necessary for the wo	rk above specified oger Willia ecutive Vice I	and will a	ccept as full
the contractor does not sign acce	plance of this order, his	attention is unected	to the requir	ements of the specifications	as to proceeding v	vitil tile old	Crou Work.
Gentry Karr, Construction Authorized By Public Utili		commended By:	R APPROVA	Project Manager	Date:	7/19	16 2017
	ties Director	K	Michael Carbaia	WE ALLO	- Date:	Tahu	17
Approved By: City Cour		of Meeting Dated:	homas Esqueda	NA	_ S Date.	10/10	- [
			orders exceed	10 percent of contract price or if indivi	idual change order)	1-11	-
				de for Agency contact price of il mail		0110	-

Page 1 of 1

YVONNE SPENCE, CMC





CONTRACT CHANGE ORDER NO. Change Order Details

Change Order Request	Description	Amount	Time increase
3	COR 003 & RFP 011 - This change authorizes repairs to private access roads (Old Clovis Avenue and Garonne Avenue) within or adjacent to the construction zone that have deteriorated during construction. The cause of deterioration is attributable to three factors: natural deterioration of the original roadway resulting from the residents' normal use; MCl's unauthorized use of some portions of the roads during construction; and construction activities that were unavoidable due to limited access provided in the Contract Documents. The City and MIC have jointly agreed that the latter two construction related activities exacerbated the natural deterioration and that both parties should contribute to the repair of the roads. The repair work will consist of furnishing and installing a 12-foot wide, 2-inch thick asphalt paving overlay to approximately 56,400 square feet of existing roadway as described in the April 10th 2017 proposal from Cal Valley Construction. The work will be done in accordance with CAL TRAN standard specification Section 39 Hot Mix Asphalt, Subsection 39-3 Method and no warranty is provided as to adequacy of underlying subgrade and/or drainage. The City will also obtain a waiver/release from the impacted Foothill residents authorizing the repairs and indemnifying the City and MCI from any further road related damage claims. This change does not require a time extension.		0
3	RFP 007 - Contract specifications require the development of a paleontological monitoring and mitigation plan for the Project. A plan was prepared and called for on-site paleontological monitoring during certain phases of the Project. Specifications indicated that costs for paleontological monitoring, if required, would be paid by the Owner. This is the total cost to complete this task. This change does not require a time extension.	\$ 23,454.00	0
3	RFP 010 - This change provides modifications to the Foothill Lane roadway replacement design in response to emergency service agencies requirements to include 4-inch depth gravel shoulders for passing and a widened roadway section at the Auberry Road intersection. Gravel shoulder will be on one side and 7 feet wide. This change does not require a time extension.	\$ 35,486.00	0
3	WCD 002 - This change addresses the out-of-scope cost for building and maintaining the Temporary Access Road for Foothill Lane residents and emergency response vehicles. The design did not account for Cal Fire's requirement of a minimum 19-foot wide, all weather access road to accommodate two-way traffic. Also, the condition of the road was significantly impaired by ongoing, extraordinary inclement weather from December 29th 2016 through February 28th requiring unforeseen pothole repair and ponded water removal. The cost specifically includes building an 8-foot wide all weather shoulder; periodically filling potholes with ag base; periodic removal of ponded storm water from roadway, incidental damage to chain-link security fencing, and all future road maintenance costs incurred after February 28th 2017 until Foothill Lane is placed back in service. This change does not require a time extension.	\$ 85,000.00	0
3	WCD 005 - Additional ventilation equipment was required for confined space entry to allow for inspection of the existing pipe that this project will be tying into. Existing pipeline was installed 10 years ago and has not been used. Contractor provided last-minute equipment for City inspection. This change does not require a time extension.	\$ 3,755.50	0
3	WCD 006 - This change authorizes payment to MCI for installing pipe out of sequence and in reverse direction (e.g. down station) from the diversion site between approximate Stations 339+00 to 336+00 in order to place the 36-inch Garfield Water District irrigation pipeline in service ahead of the anticipated schedule. This constraint was not a condition of the contract. The payment covers extra costs associated with working in wet-soil conditions, import of low-strength concrete slurry, inefficiencies of laying pipe in reverse direction, out of sequence mobilization of equipment to diversion site location, installation of butt-strap closures at approximate station 336+00, and any other costs resulting from the out-of-sequence work. This change does not require a time extension.	\$ 72,500.00	0
		\$ 284,395.50	0





Inclement Weather Delay Days

Agreed Inclement Weather Days (IWD)

Month	IWDs	Excess IWDs to be Applied to Contract Time
May-16	0	0
Jun-16	0	0
Jul-16	0	0
Aug-16	0	0
Sep-16	0	0
Oct-16	0	0
Nov-16	0	0
Dec-16	TBD	TBD
Jan-17	TBD	TBD
Feb-17	TBD	TBD
Mar-17	TBD	TBD
Apr-17	TBD	TBD
May-17	TBD	TBD
Total Excess IWDs	DW-EXECUTE DE	TBD





1910 East University Avenue, Fresno, California, 93721

		ity Council	- Managemin	DATE OF AWARD:	April 21st 2016	6	
	Friant-Kern Canal Pipeline Project						
P.O. NO:	FRSNO-0000070590	PROJECT ID NO:	WC0000	38	BID FILE NO:		3372
CONTRACT	OR: Mountain Cascade Inc.						
not include	ctor is hereby requested to make d in the plans and specifications						
	on of Requested Change:			_			
<u>L</u> s	A. This Change Order No stoppage, and incleme	. 4 includes costs asso	ciated with	<u>S.</u> NESWTF redesign, Ca	ılifornia Tiger Sa	lamande	rwork
II. III.	CONTRACT TIME			20,000.00 to the contrac		NA/Do	
STATEMENT	OF CONTRACT PRICE	. 4 adds an additional s		the contract time to acco		S.	
JIAI EMILITI	Original Contract Price	\$ 15,157,862.00		STATEMENT OF SOUTH	OT TIME	Calendar Days	Contract Dates
Appro	ved Cost Change Orders to Date	\$ 267,223.00		Contract Notice to Proceed			5/31/2016
	Cost of this Change Order	\$ 520,000.00	See (Pa 2)	Calendar Days to Substantia	al Completion	440	
Total of all	Contract Cost Change Orders	020,000.00	000 (, g 2)	Calendar Days to Final Com	pletion	500	
	including this Change Order	\$ 787,223.00		Computed Date for Substan Computed Date for Final Co	mpletion		8/13/2017 10/12/2017
Net perd	centage change in Contract Price from original Contract Price	5.19%		Time Extension Days For Comme extension days this Total time Extension days Total Time Extension Days	CCO s previous CCO's ys To Date	0 0 0	
				Excess Incliment Weather I Suspended Work Days To I		96	
				Revised Substantial Comp			11/17/2017
Re	vised Contract Price	\$ 15,945,085.00		Revised Final Completion	Date		1/16/2018
equipment, fu	rsigned contractor, have given careful rnish all materials, except as may othe efore the price shown above.		perform all s	ervices necessary for the wo		, and will a	
Accepted By:			Title:				
f the contract	or does not sign acceptance of this ord	der, his attention is directed	to the requir	rements of the specifications	as to proceeding w	vith the ord	ered work.
Submitted By:	Gentry Karr, Construction Manager	Recommended By:	Randy Hoffman	NL Project Manager	Date:	08/	10/17
Authorized By		on Manager	mi	lef Calif	Date:	8/29	/17
approved By:	□ Public Utilities Director	v-	homas Esqued	Eyeller	Date:	8/34	2017
Approved By:		nutes of Meeting Dated:	MA			/ /	
		ed if change order or total change narter limit or Section 33422 Health		10 percent of contract price or if indi de for Agency contracts.)	vidual change order)		





CONTRACT CHANGE ORDER NO. Change Order Details

Change Order Request	Description	Amount	Time increase
4	WCD 009 NESWTF Plant Redesign: This change is for costs associated with the recent redesign of water supply piping connecting the FKCP to the NESWTF plant. The purpose of the change was to provide the City with flexibility to feed the NESWTF from multiple sources simultaneously for improved water production reliability. WCD 009 superceeds WCD 003 REV1 Procurement of NE Redesign Materials and WCD 004 Procurement of Flow Meter Spool Pieces.	\$ 493,000.00	0
4	COR 007 CTS Shutdown in December 2016: The associated cost are relative to the cease and desist order issued by the California Department of Wildlife and Fisheries in conjunction with the US Bureau of Reclamation as a mechanism for the preservation and protection of the California Tiger Salamander. The order stopped all work in a defined construction area with immediate effect. Ten (10) pieces of construction equipment were trapped in the restricted area for eight (8) work days until the agencies gave permission to move them. During these eight days, the contractor was unable to perform ongoing activities with the equipment.	\$ 27,000.00	0
4	Excess Inclement Weather Days: MCI requested a total of 140 Inclement Weather Days (IWDs) through May 03, 2017. Parties agreed that a total of 109 IWDs are valid. Since the contract baseline includes an allowance of 13 IWDs, a total of 96 excess IWDs will be added to the contract time. The June/July 2017 Schedule Update incorporates the 96 excess IWDs as well as accurate activity status data through July 2017 including the time impacts of the contractor's claimed delay events. Both parties agree that the June/July 2017 Schedule Update shows full schedule recovery with 28 days of float. The contractor agrees that the June/July 2017 Schedule Update sets schedule Activity TEST110- Pressure Test 60" and 42" Pipe to start on or before September 1, 2017. This will provide at least 30 calendar days to complete the activity and effect any necessary leak repairs (i.e. excavation to expose leaks) prior to the start of CTS breeding season on October 1, 2017.	\$ -	96
		\$ 520,000.00	96





Inclement Weather Delay Days

Agreed Inclement Weather Days (IWD)

Month	IWDs	Excess IWDs to be Applied to Contract Time*
May-16	0	0
Jun-16	0	0
Jul-16	0	0
Aug-16	0	0
Sep-16	0	0
Oct-16	0	0
Nov-16	0	0
Dec-16	17	4
Jan-17	31	31
Feb-17	28	28
Mar-17	31	31
Apr-17	2	2
May-17	0	0
Jun-17	0	0
Jul-17	TBD	TBD
Aug-17	TBD	TBD
Sep-17	TBD	TBD
Oct-17	TBD	TBD
Nov-17	TBD	TBD
otal Excess IWDs	新发生的	96

^{*}Baseline schedule included thirteen (13) IWDs. Agreed IWDs beyond the thirteen are considered excess.





1910 East University Avenue, Fresno, California, 93721

CONTRACTOR: Mountain Cascade Inc. The Contractor is hereby requested to make the herein described changes from the Contract Documents or do the following describent included in the plans and specifications on this contract. NOTE: THIS CHANGE IS NOT EFFECTIVE UNTIL FULLY EXECUTED. Description of Requested Change: I. CHANGES TO CONTRACT PLANS AND SPECIFICATIONS. A. This Change Order No. 5 includes costs associated with excess groundwater, excess flow in the Friant-Kern C paving demobilization, Friant-Kern C anal start date, an unmarked utility, additional rock for backfill of the 36° C irrigation line, Tiger Salamander larvae, and Old Clovis and Garonne paving. II. CONTRACT PRICE A. This Change Order No. 5 results in a net increase of \$16,023.00 to the contract price. III. CONTRACT TIME B. This Change Order No. 5 does not add any additional days. STATEMENT OF CONTRACT PRICE Original Contract Price \$ 15,157,862.00 Cost of this Change Order \$ 16,023.00 See (Pg 2) Calendar Days to Substantial Completion Additional Contract Crost Change Order \$ 803,246.00 Contract Ost Change Order \$ 803,246.00 Net percentage change in Contract Price \$ 15,961,108.00 Revised Contract Price \$ 15,961,108.00 Revised Substantial Completion Date Revised Substantial Completion Date Revised Substantial Completion Date Price Revised Substantial Completion Date Price Revised Substantial Completion Date Price Revised Contract Price	CONTRACT	AWARI	DED BY: Fresno C	City Cou	uncil		DATE OF AWARD: April 21st 201	6	
CONTRACTOR: Mountain Cascade Inc. The Contractor is hereby requested to make the herein described changes from the Contract Documents or do the following describe to included in the plans and specifications on this contract. MOTE: THIS CHANGE IS NOT EFFECTIVE UNTIL FULLY EXECUTED. Description of Requested Change: I. CHANGES TO CONTRACT PLANS AND SPECIFICATIONS. A. This Change Order No. 5 includes costs associated with excess groundwater, excess flow in the Friant-Kern C paving demobilization, Friant-Kern C anal start date, an unmarked utility, additional rock for backfill of the 38° C irrigation line, Tiger Salamander larvae, and Old Clovis and Garonne paving. II. CONTRACT PRICE A. This Change Order No. 5 results in a net increase of \$16,023.00 to the contract price. III. CONTRACT TIME B. This Change Order No. 5 does not add any additional days. ITATEMENT OF CONTRACT PRICE Original Contract Price S 15,157,862.00 Cost of this Change Orders to Date S 767,223.00 Cost of this Change Orders Including this Change Orders Including this Change Orders Net percentage change in Contract Price From original Contract Price From original Contract Price Total of all Contract Price From original Contract Price From original Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised Contract Price S 15,961,108.00 Re	PROJECT:	Friant-l	Kern Canal Pipeline Project						
TATEMENT OF CONTRACT PRICE Original Contract Price A This Change Order No. 5 does not add any additional days. STATEMENT OF CONTRACT PRICE Original Contract Price A Paproved Cost Change Order So Date So Bos. 246.00 Net percentage change in Contract Price from original Contract Price Net percentage change in Contract Price Revised Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Net percentage change in Contract Price From original Contract Price S 15,961,108.00 Netwised Businatial Completion Date Netwised Substantial Completion Date Netwised Sub	P.O. NO:	FRSNO	0-0000070590	F	PROJECT ID NO:	WC0000	38 BID FILE NO		3372
Description of Requested Change: I. CHANGES TO CONTRACT PLANS AND SPECIFICATIONS. A. This Change Order No. 5 includes costs associated with excess groundwater, excess flow in the Friant-Kern Copaving demobilization, Friant-Kern Canal start date, an unmarked utility, additional rock for backfill of the 36° C irrigation line, Tiger Salamander larvae, and Old Clovis and Garonne paving. II. CONTRACT PRICE A. This Change Order No. 5 results in a net increase of \$16,023.00 to the contract price. III. CONTRACT TIME B. This Change Order No. 5 does not add any additional days. ITATEMENT OF CONTRACT PRICE Original Contract Price STATEMENT OF CONTRACT TIME Original Contract Price STATEMENT OF CONTRACT TIME Original Contract Price 16,023.00 See (Pg. 2) Calendar Days to Substantial Completion Solution of this Change Order S 803,246.00 Computed Date for Final Completion In Computed Date for Final Completion Time Extension Days Tio Codo Total Time Extension Days Tio Codo Total Time Extension Days To Date (Pg. 9) Suspended Work Days To Date (Pg. 9) Suspended Work Days To Date (Pg. 9) Suspended Contract Change Orders S 15,961,108.00 Revised Contract Price Statement Revised Contract Change Order S 15,961,108.00 Revised Contract Price S 15,961,108.00 Revised	CONTRACT	OR:	Mountain Cascade Inc.						
III. CONTRACT PRICE A. This Change Order No. 5 results in a net increase of \$16,023.00 to the contract price. III. CONTRACT TIME B. This Change Order No. 5 does not add any additional days. STATEMENT OF CONTRACT PRICE Original Contract Price Approved Cost Change Orders to Date Cost of this Change Orders Approved Cost Change Orders Cost of this Change Orders Including this Change Orders Including this Change Orders Including this Change Orders Including this Change Order Net percentage change in Contract Price from original Contract Price from original Contract Price From original Contract Price S. 30% Revised Contract Price S. 15,961,108.00 Revised Substantial Completion Date Including this Change Order Image: Exemple of the Substantial Completion Including this Change Order S. 803,246.00 Computed Date for Final Completion Image: Exemple of the Substantial Completion Date Including this Change Orders Image: Exemple of the Substantial Completion Image: Imag	ot included Description	on of R CHAN	plans and specifications equested Change: IGES TO CONTRACT This Change Order No paving demobilization,	PLAN . 5 inc	S AND SPECIF ludes costs asso Kern Canal star	FICATION ociated with t date, an	S. n excess groundwater, excess flow in thunmarked utility, additional rock for back	e Friant-k	o. (ern Canal,
Approved Cost Change Order No. 5 does not add any additional days. Calendar Days Calendar Days	II.	90%	RACT PRICE						
Approved Cost Change Orders to Date Approved Cost Change Orders to Date Cost of this Change Orders including this Change Order 8 803,246.00 Net percentage change in Contract Price from original Contract Price from original Contract Price 15,30% Revised Contract Price 15,961,108.00 Revised Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide quipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept a syment therefore the price Shown above. Computed Date for Final Completion Computed Date for Final Completion Computed Date for Final Completion Time Extension Days For Contract Time Extension Days For Date Excess Inclement Weather Days To Date (Pg 96) Suspended Work Days To Date Revised Substantial Completion Date 11/17 Revised Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide quipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept a syment therefore the price-Shown above. Contractor: Mountain Cascade Inc. Roger Williamson Executive Vice President Contractor Date: 12 14 1/2 Contractor Date: 14 1/4 1/4 Contractor Date: 15 1/4 1/4 Contractor Date: 16 1/4 1/4 Contractor Date: 17 1/	III.			. 5 doe	es not add any a	dditional d	ays.		
Approved Cost Change Orders to Date Cost of this Change Order Total of all Contract Cost Change Orders including this Change Order including this Change Order Net percentage change in Contract Price from original Contra	TATEMENT	OF CON	ITRACT PRICE				STATEMENT OF CONTRACT TIME	Calandar	I
Cost of this Change Order \$ 16,023.00 See (Pg 2) Total of all Contract Cost Change Order \$ 803,246.00 Calendar Days to Substantial Completion 500 Computed Date for Substantial Completion 10/7 Time Extension Days For Contract 10/7 Time Extension Days Tribal Computed Date for Substantial Completion 10/7 Time Extension Days Tribal Computed Date for Substantial Completion 10/7 Time Extension Days Tribal Computed Date for Substantial Completion 10/7 Time Extension Days Tribal Computed Date for Substantial Completion 10/7 Time Extension Days Tribal Computed Date for Substantial Completion 10/7 Time Extension Days Tribal Computed Date for Substantial Completion 10/7 Time Extension Days Tribal Computed Date for Substantial Completion 10/7 Time Extension Days Tribal Computed Date for Substantial Completion 10/7 Time Extension Days Tro Date 0 Excess Inclement Weather Days To Date 0 Total Time Extension Days Tro Date 0 Excess Inclement Weather Days To Date 0 Excess Inclement Weather Days To Date 0 Total Time Extension Days Tro Date 0 Excess Inclement Weather Days To Date 0 Total Time Extension Days Tro Date 0 Excess Inclement Weather Days To Date 0 Total Time Extension Days Tro Date 0 Total Time Extensio			Original Contract Price	\$	15,157,862.00	_		2017/2019/2019/2019	Contract Dates
Total of all Contract Cost Change Orders including this Change Order \$ 803,246.00 Net percentage change in Contract Price from original Contract Price from original Contract Price \$ 15,30% Net percentage change in Contract Price from original Contract Price from original Contract Price suspended Work Days To Date (Pg. 96) Suspended	Appro	ved Cos	t Change Orders to Date	\$	787,223.00	-20 -0	Contract Notice to Proceed		5/31/2016
Total of all Contract Cost Change Orders including this Change Order \$ 803,246.00 Computed Date for Substantial Completion 8/1 Computed Date for Substantial Completion 10/1 Time Extension Days For Contract Time Ext		С	ost of this Change Order	\$	16,023.00	See (Pg 2)	Calendar Days to Substantial Completion	440	
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Net percentage change in Contract Price from original Contract Price from		inclu	ding this Change Order_	_\$	803,246.00	-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		8/13/2017 10/12/2017
Revised Contract Price \$ 15,961,108.00 Revised Final Completion Date 1/1 We, the undersigned contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide quipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept a sayment therefore the price shown above. Acceptance Date: Contractor: Mountain Cascade Inc. Title: Frequire Vice President Title: Gentry Karr, Construction Manager Authorized By: Public Utilities Water Division Manager Approved By: Public Utilities Director Provided Pro	Net perc				5.30%	_	Time Extension Days For Contract Time Extension Days This CCO Total Time Extension Days Previous CCO's Total Time Extension Days To Date Excess Inclement Weather Days To Date (Pg Suspended Work Days To Date	0 0 96	11/17/2017
Acceptance Date: Contractor: Mountain Cascade Inc. Title: Title: The contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered By: Contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered by: Contractor: Mountain Cascade Inc. Title: The contractor does not sign acceptance of this order, his attention is directed to the requirements of the specifications as to proceeding with the ordered with the o	Re	vised C	ontract Price	\$	15,961,108.00				1/16/2018
Submitted By: Recommended By: Recommended By: Randy Hoffman, Project Manager Suthorized By: Public Utilities Water Division Manager Supproved By: Public Utilities Director Date: 12 14 12 14 13 14 15 15 15 15 15 15 15	Ve, the undersigned contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all quipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full ayment therefore the price shown above. Contractor: Mountain Cascade Inc.								
Submitted By: Recommended By: Recommended By: Randy Hoffman, Project Manager Authorized By Public Utilities Water Division Manager Approved By: Public Utilities Director Date: 12/14/15 Date: 12/14/15 Date: //////	the contract	or does r	not sign acceptance of this or	der, his	attention is directed	d to the requi	rements of the specifications as to proceeding	with the ord	lered work.
pproved By: Public Utilities Director Michael Carbajal Date: //////		Gentry Ka		_	mmended By:	RHA	Date:	12/10	1/2017
i nomas Esqueda	•	1.5		Jii Wafi	Q'	SIM	Date:	14/18	20/201-
pproved By: City Council Minutes of Meeting Dated: Not required	approved By:		(A)		f Meeting Dated:	Not required	//	/	/
(Council approval required if change order or total change orders/exceed 10 percent of contract price or if individual change order) exceeds Fresno City Charter limit or Section 33422 Health and Safety Code for Agency contracts.)								AT DEMONSTRATE	· · · · · · · · · · · · · · · · · · ·





CONTRACT CHANGE ORDER NO. Change Order Details

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Change Order Request	Description	7	Amount	Time increase
5	This change includes the items listed below which were negotiated on November 15, 2017 and included as one total cost: COR 005: Contractor requested change due to groundwater and what they claimed is incompetent subgrade to support installation of replacement RCP for the Garfield Water District (GWD) line. Initial installation by Contractor of piping with subgrade backfill (sand) as specified by GWD, failed. Contractor requested and received permission from GWD to remove specified subgrade backfill which had failed and replace with 3/4" crushed rock. Contractor seeking reimbursement for 3/4 crushed rock. Acceptance of this change includes MCI's waiver of all other claims associated with the Notice provided in MCI SL No. 013, Transmittal No. 149, Dated April 14, 2017. COR 008: PCO No. 014: Contractor requesting reimbursement for flooded work area during installation of intake structure in Friant-Kern Canal. Contractor claims storm water releases by USBR into Friant-Kern Canal exceeded 300 CFS. Specification required Contractor to design coffer dam to withstand 300 CFS releases into canal during construction. Contractor contends flows exceed 300 CFS on the date mentioned in PCO No. 14 and flooded the work area. COR 010: This request of change pertains to the presence of groundwater which the Contractor claims is not indicated in the Contract Documents near station 316+00. COR 012: Contractor had mobilized their paving subcontractor, CalValley, to complete paving through Change Order No. 004. CalValley had to demobilize per the request in the last item below. COR 013: Contractor requested extra compensation due to a change in the start date for work in the Friant-Kern Canal. COR 014: Contractor requested extra compensation due to an unmarked conduit found in the NESWTF work zone.	\$	14,250.00	0
5	COR 011: This change recognizes a changed condition caused by the presence of Tiger Salamander larvae in the work zone. Work was restricted, and additional work was required to build boxes around dewatering pumps such that the larvae would not be harmed.	\$	1,773.00	0
5	Per Change Order No. 003, COR 003 and RFP 011, the contractor was authorized to repair private access roads (Old Clovis and Garonne Avenue) within or adjacent to the construction zone that have deteriorated during construction. The City is in the process of obtaining a waiver/release from the impacted Foothill residents authorizing the repairs and indemnifying the City and MCI from any further road related damage claims. However, the residents intend to make additional road repairs beyond what the City and MCI have agreed to do. This change modifies the scope of work by directing MCI to provide a single \$90,000 remittance to the residents' escrow account as named in the waiver/release documents and to not perform any remedial work as previously required. Once the \$90,000 remittance is made, MCI can bill the City \$65,000 as authorized by CCO 003.	\$		0
		\$	16,023.00	0





Inclement Weather Delay Days

Agreed Inclement Weather Days (IWD)

Month	IWDs	Excess IWDs to be Applied to Contract Time*
May-16	0	0
Jun-16	0	0
Jul-16	0	0
Aug-16	0	0
Sep-16	0	0
Oct-16	0	0
Nov-16	0	0
Dec-16	17	4
Jan-17	31	31
Feb-17	28	28
Mar-17	31	31
Apr-17	2	2
May-17	0	0
Jun-17	0	0
Jul-17	0	0
Aug-17	0	0
Sep-17	0	0
Oct-17	0	0
Nov-17	0	0
otal Excess IWDs		96

^{*}Baseline schedule included thirteen (13) IWDs. Agreed IWDs beyond the thirteen are considered excess.



DEPARTMENT OF PUBLIC UTILITIES PROGRAM MANAGEMENT AND ENGINEERING OFFICE



2101 G Street, Building A, Fresno, CA 93721

CONTRACT		-		ıncil		DATE OF AWARD:	April 21st 2016	3	
PROJECT:		Kern Canal Pipeline Proje							
P.O. NO:	FRSNC	0-0000070590	I	PROJECT ID NO:	WC0000	38	BID FILE NO:		3372-2
CONTRACT	OR:	Mountain Cascade Inc.							
		ereby requested to make to plans and specifications of							ribed work
Description		equested Change:							
1.		GES TO CONTRACT F							
	A.	changes to piping and p	oipe su to the	upports at the No pitot tube per Fr	rtheast Su iant-Wate	the security alarm and a rface Water Treatment r Authority (FWA), stanb	Facility (NESWT	F), chang	es in road
II.	CONT	RACT PRICE							
	Α.		6 resu	ults in a net incre	ase of \$18	5,457.34 to the contract	t price.		
III.	CONT B.	RACT TIME This Change Order No.	6 doe	s not add any ad	ditional da	ys.			
STATEMENT	OF CON	TRACT PRICE				STATEMENT OF CONTRA	CT TIME		
		Original Contract Price	\$	15,157,862.00				Calendar Days	Contract Dates
Appro	oved Cos	t Change Orders to Date	\$	803,246.00		Contract Notice to Proceed			5/31/2016
	С	ost of this Change Order	\$	185,457.34	See (Pg 2)	Calendar Days to Substanti	al Completion	440	
Total of al		ct Cost Change Orders				Calendar Days to Final Con	npletion	500	127 529
		ding this Change Order	\$	988,703.34		Computed Date for Substar	ntial Completion		8/13/2017
						Computed Date for Final Co			10/12/2017
						Time Extension Days For C Time Extension Days Thi			2 T T 1
Net percenta	age chan	ge in Contract Price from				Total Time Extension Day		0	
riot poroonia	ago onan	original Contract Price		6.52%		Total Time Extension Da		0	
-						Excess Inclement Weather		96	
						Suspended Work Days To I		0	
D ₀	viced C	antraat Dries	¢	4C 44C EGE 24		Revised Substantial Comp			11/17/2017
Re	visea C	ontract Price		16,146,565.34		Revised Final Completion	Date		1/16/2018
equipment, fu	rnish all n efore the	ontractor, have given careful on the price shown above			erform all se	ervices necessary for the wo		and will acc	
Accepted By:		Dog, Jet	-		Title:		cutive Vice Pre		
If the contract	tor does n	ot sign acceptance of this ord	er, his a	attention is directed	to the require	ements of the specifications	as to proceeding wit	h the order	ed work.
				OWNE	D ADDDOV				
Submitted By:	/ st	Intry / Karr	Reco	mmended By:	RAPPROVA PHOP	41	Date:	02/14	2018
Authorized By	/	rr, Construction Manager Public Utilities Water Division	n Mana	ager	Randy Holfman	Project Manager	Date:	3/11	18
Approved By:		Public Utilities Director			Vichael Carbai	We give	Date:	3/1/	WB
					Thomas Esqued		Date.	-11	
Approved By:		Supplied All Prince product Analysis and Result		f Meeting Dated: ge order or total change	Not required orders expeed 1	percent of contract price or if indiv	vidual change order)		
				or Section 33422 Health		de for Agency contracts.)			



DEPARTMENT OF PUBLIC UTILITIES PROGRAM MANGEMENT AND ENGINEERING OFFICE



Friant-Kern Canal Pipeline Project CONTRACT CHANGE ORDER NO. 6 Change Order Details

Items	Description	Amount	Time
1	WCD 008: Based on the lack of complete information in the Contract Documents and the City's actual needs at the turnout control building, MCI is to install a door proximity switch and keyed bypass provided by the City. The switches will be wired to slot 2 channels 0 and 1, respectively, of the turnout control building ICP as indicated in the I/O list as a part of the response to RFI No. 110.	\$ 2,621.47	0
2	WCD 011: The current design has a misalignment with the proposed tie-in location for Well 185 at the Northeast Surface Water Treatment Facility. The current design requires the Contractor to tie into the valve that tee's off the existing line coming from Well 185. This connection point is 6'3" off station and 5 15/16" higher than the outlet on the 36"x 12" WS tee. Per this WCD, the Contractor is to provide costs for the additional materials to make this connection.	\$ 8,206.19	0
3	WCD 015: The current approved recycled Class II AB material which is acceptable base material under the AC on Foothill Lane will not make a suitable driveable surface for the shoulder due to dust concerns. Contractor is directed not to place the recycled AB material presently on site and use a recycled asphalt grinding.	\$ 10,950.09	0
4	WCD 016: This WCD is in direct relation to work work described in WCD 012. The purpose of this WCD was to hold the excavator on-site for improvements in Big Dry Creek. The contractor was going to move the equipment off-site because they are done with the equipment for other work. Standby costs were occured to keep the equipment on-site.	\$ 2,607.86	0
5	WCD 017: After conversations with USBR, the original pitot tube locations will no longer work. Only one pitot tube is now required, and the pitot tube is now longer than originally anticipated. At the currently location, there is not enough room to fit the pitot tube into the pipe. Therefore, the hole will now have to be located on the upper portion of the pipeline to allow for enough clearance.	\$ 1,121.11	0
6	WCD 018: Due to the high rain fall and the poor surface drainage on Willow Avenue in the vicinity of the FKCP pipeline the subgrade material became saturated causing the pavement to fail. The previously place subgrade and pavement which was place by the Contractor as per specification was removed. As there appears no changes will be made to the drainage at the intersection Of Willow and Copper before the next high rainfall event which will lead to flooding. The Contractor was directed to replace the subgrade material with CLSM to within 9 to 10 inches of finish grade. The pavement was place on top of the CLSM. The CLSM will resist infiltration by standing water into the subgrade and will prevent subgrade and pavement failures in the trench zone in the future. This action should prevent the City from having to make repairs to the pavement in the trench zone for the foreseeable future.	\$ 63,521.90	0
7	WCD 019: Similar situation existed in the trench zone on Copper Ave as was described for Willow Ave in WCD 018 (please review Change Item Description for WCD 018). The previously installed subgrade material and pavement was installed as per specification. The subgrade and pavement failure was not a result of poor workmanship by the Contractor. To correct the subgrade issue and to prevent the issue from reoccurring in the future, the existing pavement and subgrade material was removed by the Contractor. At the direction of the CM the Contractor replaced the subgrade material with CLSM to within 9 to 10 inches of finish grade. The pavement was placed over the CLSM, this process should prevent the need of the City to address any pavement issues in the future in this area. A county of Fresno inspector was present during the repair process.	\$ 88,513.88	0
8	WCD 024: Contractor had demolished two trees along Willow Avenue for pipeline construction. The City will be replacing these trees in lieu of the Contractor replacing them. Therefore, this WCD is for a credit for the trees.	\$ (300.00)	0
9	COR 015: Change order addresses the cost for the addition of re-enforcing steel (rebar) to a concrete slab at the intake structure. The contract drawing omitted a detail and call out for the rebar.	\$ 3,102.62	0
10	COR 017: The pipe support as designed was in conflict with nearby fittings. Contractor had to move the pipe support.	\$ 5,112.22	0
		\$ 185,457.34	0

Note 1: Complete backup information is attached to this Contract Change Order.





DEPARTMENT OF PUBLIC UTILITIES PROGRAM MANAGEMENT AND ENGINEERING OFFICE



Inclement Weather Delay Days

Agreed Inclement Weather Delay Days (IWD)

Month	IWDs	Excess IWDs to be Applied to Contract Time
May-16	0	0
Jun-16	0	0
Jul-16	0	0
Aug-16	0	0
Sep-16	0	0
Oct-16	0	0
Nov-16	0	0
Dec-16	17	4
Jan-17	31	31
Feb-17	28	28
Mar-17	31	31
Apr-17	2	2
May-17	0	0
Jun-17	0	0
Jul-17	0	0
Aug-17	0	0
Sep-17	0	0
Oct-17	0	0
Nov-17	0	0
Total Excess IWDs	4 (4) 1 () () 4)	96

^{*}Baseline schedule included thirteen (13) IWDs. Agreed IWDs beyond the thirteen are considered excess.



DEPARTMENT OF PUBLIC UTILITIES PROGRAM MANAGEMENT AND ENGINEERING OFFICE



2101 G Street, Building A, Fresno, CA 93721

				•	CONTINACT	OHANGE	ONDER NO.	•		
CONTRACT	AWARD	ED BY: Fr	resno Ci	ty Co	uncil		DATE OF AWARD:	4/21/2016		
PROJECT:	Friant-	Kern Canal Pipel	line Pro	ject						
P.O. NO:	FRSNO	D-0000070590		Р	ROJECT ID NO	: WC0000	038	BID FILE NO:	3372-2	
CONTRACT	OR:	Mountain Casca	ade Inc.	, 555	Exchange Ct	Livermore	e, CA 94550			
		,								
included in	the plans	and specifications	s on this				the Contract Documer IS NOT EFFECTIVE UN			ed work not
		equested Chang		LANI	C AND CDEC	ILICATION	10			
l.		GES TO CONTE						film manufact DO01	- D+ D	-1, O)
	A.	Existing 60 Inch Gate Replaceme	Pipe Re ent on M	pairs r. Rai	 Meter Vault ucho's Propert 	Platform 4 ty 7) Clean-	h: 1) Remobilization of Staging Area Fencing out Trench from Stopme 8) Contract Bid Iten	g 5) Stainless Ste Work Notice, Nes	el Label C	able Ties 6)
II.	CONT A.	RACT PRICE This Change Ord	der No. 7	7 resu	ılts in a net dec	crease of \$	59,188.12 to the contra	act price.		
III.	CONT B.	RACT TIME This Change Ord	der No. 7	7 doe:	s not add any a	additional d	ays.			
STATEMENT	OF CON	TRACT PRICE					STATEMENT OF CONTR	ACT TIME		
		Original Contract F	Price	\$	15,157,862.00				Calendar Days	Contract Dates
Appr	oved Cos	t Change Orders to I	Date	\$	988,703.34		Contract Notice to Proceed	l		5/31/2016
5000	С	ost of this Change O	rder	\$	(59,188.12)	See (Pg 4)	Calendar Days to Substant	ial Completion	440	
Total of al	II Contra	ct Cost Change Ord	ders			_	Calendar Days to Final Cor	mpletion	500	
	includ	ling this Change O	rder	\$	929,515.22	_	Computed Date for Substa		Salak	8/13/2017
							Computed Date for Final C			10/12/2017
							Time Extension Days For C			
Net percent	age chan	ge in Contract Price	from				Time Extension Days Th Total Time Extension Days		0	
rect percent	age oriali	original Contract F			6.13%		Total Time Extension Da		0	
		ongman contract i	-		0.1070	_	Excess Inclement Weather		96	
							Suspended Work Days To		0	
							Revised Substantial Com	pletion Date		11/17/2017
Re	vised Co	ontract Price		\$	16,087,377.22		Revised Final Completion	n Date		1/16/2018
We, the under furnish all mat price shown al Acceptance D	erials, exc bove.	ntractor, have given ca	reful cons be noted a	ideration	and perform all ser	proposed and l rvices necessa Mountain Ca	nereby agree, if this proposa ary for the work above speci	Il is approved, that we fied, and will accept as	will provide a full paymen	all equipment, t therefore the
Accepted By:		3				_ Title:		802.		
If the contract	or does no	t sign acceptance of t	his order,	his att	ention is directed t	to the require	ments of the specifications	as to proceeding with	the ordered v	work.
Submitted By:	Gentry Kari	Tuy)/G	in	Recom	OWN	Randy Hoffman	der			7/2018
Authorized By	· =	Interim Assistant Dire	ector			Michael Caros	jal Cary	Date	5/10	1/18
Approved By:		Public Utilities Direction Manager	ōr				a SK	Date	5/15/	118
Approved By:		City Council			Meeting Dated:	Not required	10 percent of contract price or if is	ndividual change order)		
							ode for Agency contracts.)	narvidual change order)		



DEPARTMENT OF PUBLIC UTILITIES PROGRAM MANGEMENT AND ENGINEERING OFFICE



Friant-Kern Canal Pipeline Project CONTRACT CHANGE ORDER NO. 7 Change Order Details

Items	Description	Amount	Time
1	COR 016: This change covers the cost for the Contractor to remobilize to approximate pipeline Station 106+50. During initial work at this location, a high-voltage buried electrical cable was discovered that was not marked on the plans. The cable was in direct conflict with the pipeline and required relocation by PG&E. The relocation effort required approximately 6 months to accomplish. The additional cost associated with this change is to cover the cost of remobilizing equipment to the location as well as extra labor and equipment associated with out-of-sequence joint closures. The cost does not include the labor, materials, and equipment to perform original contract work.	\$ 32,910.45	0
2	WCD 014: This change adds repair of interior cement mortar lining of an existing 60-inch diameter pipeline. The new sections of the Friant Kern Canal Pipeline connects to both ends of the existing pipeline installed 10-years ago across the Clovis High School Campus. The City's inspection of the existing pipeline revealed numerous interior mortar lining deficiencies that required repair before the new pipeline was connected. The cost includes the labor, materials, and equipment required to repair the lining.	\$ 35,086.62	0
3	WCD 020: The change adds a prefabricated metal platform inside the meter vault to allow for safe access to a pitot tube flow measuring device. The US Bureau of Reclamation (USBR) uses the pitot tube to periodically verify the primary meter. The cost includes the labor, materials, and equipment required to provide and install the platform.	\$ 7,930.72	0
4	WCD 022: This change adds fencing at the lay down/ storage yard on Armstrong Avenue. The existing fencing which was removed or damaged during construction is to be replaced as per contract on the west, north and east sides of the yard. The new fencing is to tie into the existing fencing on the remainder of the property. The replacement fencing will be installed at the unit price as per the bid item for fencing.	\$ 2,040.00	0
5	WCD 023: This change is to furnish and install stainless steel banding for the pipe maker signs at the Northeast Surface Water Treatment Facility in replacament of the plastic cable ties which were provided with the signs. The specified plastic ties are not appropriate for long outdoor use.	\$ 1,180.41	0
6	WCD 025: This change is to replace a gate for a private property on Armstrong Avenue, which was found to be affected by the construction but not shown on the contract drawings to be replaced.	\$ 1,406.00	0

7	COR 013, COR 006a, COR 006b, WCD 013, and CITY INSPECTION OVERTIME: This item resolves the disputed costs associated with five change items: 1) COR 013 – Clean-out Trench from Stop Work Notice; 2) COR 006a – Nesting Birds in Work Zone (05/03/17 to 05/30/17); 3) COR 006b – Nesting Birds in Work Zone (06/013/17 to 07/14/17); WCD 013 – NESWTF Buttstraps; and Reimbursement of City Inspection Overtime. The net result of this resolution is a \$145,000 cost increase to the Contract. A summary of each of the five items follows:	\$ 145,000.00	0
·	COR 013 – Clean-out Trench from Stop Work Notice: An environmental Stop Work Notice was issued on December 02, 2016 due to discovery of a CTS in the work zone. Environmental agencies required the shutdown to adjust mandatory exclusion fencing. The stoppage extended into a period of extreme weather, during which time the trench was flooded with mud. The Contractor was required to remove the mud (unsuitable soils), before backfilling. Contractor claimed this event was beyond their control.		
	COR 006a & 006b — Nesting Birds in Work Zone (05/03/17 to 07/14/17): Nesting migratory birds were found within the work zone, and all activity was precluded within 150 feet in all directions. The Contractor had equipment within the exclusion area and could not proceed until the birds fledged. Within a few days of the first fledging, a new migratory bird next was found. This amounted to a period of approximately 2 ½ months. Contractor claimed this event was beyond their control.		
	WCD 013 NESWTF Buttstraps: Contractor was required to connect newly installed pipe to an existing pipeline. The location shown on the Contract drawings was based on City records, and it was approximately 5-feet off in a horizontal direction. Extra work was required to make the connection. Contractor claimed this event was beyond their control.		
	Reimbursement of City Inspection Overtime: The Contract requires the Contractor to reimburse the City for all overtime charges for City Inspectors on the project. Contractor claimed that all City Inspection Overtime time may not be directly related to actual Contractor work.		·
8	Contract Bid Item Adjustments: RFP 015: Bid Item No. 8 - Pothole Existing Utilities - There were twenty-one (21) pothole locations included in the contract. The Contractor received approval from the Construction Manager to bill Bid Item No. 8 for an additional 15 pothole locations. Total amount to exceed the original Bid Item is \$11,250. RFP 016: Bid Item No. 13 - 60" Diameter Raw Water Pipeline - This change item deletes 22 linear feet of 60 inch diameter welded steel pipe, which was originally part of the quantity estimated in the bid documents. Substantial Completion for the project has been recorded as 11/17/2017, total quantities installed and payment amounts have been confirmed and necessary project work has been completed. Therefore, this Bid Item is being adjusted to provide credit to the City. Credit \$7,892.32	\$ (284,742.32)	0

Fence - This line item allows the Construction Manager to direct the Contractor to install additional gates as needed. The Construction Manager approved the Contractor to bill Bid Item 32 for an additional seven (7) gates based on field determination of need. Total amount to exceed the original Bid Item is \$11,900.00 RFP 018: Bid Item No. 38 - Supplemental Work - This item was established for completion of authorized extra work in accordance with Section 3, "Changes in Work", of the Standard Specifications. Substantial Completion for the project has been recorded as 11/17/2017, total quantities installed and payment amounts have been confirmed, and necessary project work has been completed. Therefore, this Bid Item is being deleted from the Contract. Credit \$300,000.

RFP 017: Bid Item No. 32 - Access Drive Gate for Barbed Wire

Note 1: Complete backup information is attached to this Contract Change Order.

(59, 188.12)

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DEPARTMENT OF PUBLIC UTILITIES PROGRAM MANAGEMENT AND ENGINEERING OFFICE



Inclement Weather Delay Days

Agreed Inclement Weather Delay Days (IWD)

Month	IWDs	Excess IWDs to be Applied to Contract Time
May-16	0	0
Jun-16	0	0
Jul-16	0	0
Aug-16	0	0
Sep-16	0	0
Oct-16	0	0
Nov-16	0	0
Dec-16	17	4
Jan-17	31	31
Feb-17	28	28
Mar-17	31	31
Apr-17	2	2
May-17	0	0
Jun-17	0	0
Jul-17	0	0
Aug-17	0	0
Sep-17	0	0
Oct-17	0	0
Nov-17	0	0
Total Excess IWDs		96

^{*}Baseline schedule included thirteen (13) IWDs. Agreed IWDs beyond the thirteen are considered excess.