

**RESOLUTION No. 11-04-2013**

**A RESOLUTION OF THE SANTAQUIN CITY COUNCIL AUTHORIZING  
CHANGE ORDER #9 OF THE WASTEWATER RECLAMATION FACILITY  
PROJECT**

**WHEREAS**, the City of Santaquin has been actively working to complete the Wastewater Reclamation Facility (WRF) Project in an effort to provide a long-term solution to meet the sewer needs of the city of Santaquin; and

**WHEREAS**, with any large scale projects, change orders are required from time to time necessitating the review and consideration of the elected leaders of the community; and

**WHEREAS**, Change Order #9, has been drafted to incorporate the components of Work Change Directive #15 that include electrical and SCADA improvements needed to complete the project previously approved by the city;

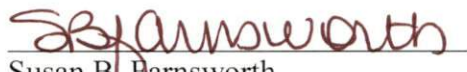
**NOW THEREFORE, BE IT RESOLVED BY THE SANTAQUIN CITY  
COUNCIL THAT:**

1. The Santaquin City Council approves and authorizes the Mayor to execute the Change Order #9 of the Wastewater Reclamation Facility Project, a copy of which is attached hereto as Exhibit A and incorporated herein.
2. This resolution shall take effect immediately upon its passage

**PASS AND APPROVED** this 6<sup>th</sup> day of November, 2013.

  
James E DeGraffenried, Mayor

ATTEST:

  
Susan B. Farnsworth  
Santaquin City Recorder



# Change Order

No. 9

Date of Issuance: November 1, 2013

Effective Date: October 22, 2013

Project: Santaquin WRF	Owner: Santaquin City	Owner's Contract No.:
Contract: Santaquin City Water Reclamation Facility		Date of Contract: March 14, 2012
Contractor: Flatiron Constructors		Engineer's Project No.: 50-10-026/-09-016

**The Contract Documents are modified as follows upon execution of this Change Order:**

**Description:**

Modify scope as discussed with Owner including: Provide miscellaneous electrical items required for integration, startup or other needed by GE, SKM & Rocky Mountain Power (see WCD #15 attached).

**Attachments (list documents supporting change):**

Work Change Directive #15

**CHANGE IN CONTRACT PRICE:**

**CHANGE IN CONTRACT TIMES:**

Original Contract Price:

Original Contract Times:

Calendar days

\$14,615,330

Substantial completion (days or date): 480 \_\_\_\_\_

Ready for final payment (days or date): 540 \_\_\_\_\_

[Increase] from previously approved Change Orders No. 1 to No. 8:

[Increase] from previously approved Change Orders No. 1 to No. 8:

\$345,135 \_\_\_\_\_

Substantial completion (days): 109 days \_\_\_\_\_

Ready for final payment (days): 64 days \_\_\_\_\_

Contract Price prior to this Change Order:

Contract Times prior to this Change Order:

\$14,960,465 \_\_\_\_\_

Substantial completion (days or date): 589 days \_\_\_\_\_

Ready for final payment (days or date): 604 days \_\_\_\_\_

[Increase] of this Change Order:

[Increase] of this Change Order:

\$ 16,140 \_\_\_\_\_

Substantial completion (days or date): 0 days \_\_\_\_\_

Ready for final payment (days or date): 0 days \_\_\_\_\_

Contract Price incorporating this Change

Contract Times with all approved Change Orders:

\$ 14,976,605 \_\_\_\_\_

Substantial completion: 589 days (Oct. 30, 2013) \_\_\_\_\_

Ready for final payment: 604 days (Nov. 14, 2013) \_\_\_\_\_

**RECOMMENDED:**

**ACCEPTED:**

**ACCEPTED:**

By: Mom Beady  
Engineer (Authorized Signature)

By: [Signature]  
Owner (Authorized Signature)

By: \_\_\_\_\_  
Contractor (Authorized Signature)

Date: 11-1-13

Date: 11-6-13

Date: \_\_\_\_\_

Approved by Funding Agency (if applicable): \_\_\_\_\_

Date: \_\_\_\_\_



# Work Change Directive

No. 15

Date of Issuance: October 16, 2013 Effective Date: October 16, 2013

Project: Santaquin City Water Reclamation Facility (WRF) Project	Owner: Santaquin City Corporation	Owner's Contract No.:
Contract: Santaquin City Water Reclamation Facility (WRF) Project		Date of Contract: <u>March 14, 2012</u>
Contractor: Flatiron Constructors, Inc.		Engineer's Project No.: <u>50-10-026/50-09-016</u>

**Contractor is directed to proceed promptly with the following change(s):**

Item No.	Description
1	Miscellaneous electrical items required for integration, startup or other by GE, SKM & Rocky Mountain Power (RMP).

**Attachments (list documents supporting change):** Flatiron Constructors RFCOP # 9 with backup from Subcontractor.

**Purpose for Work Change Directive:**

Authorization for Work described herein to proceed on the basis of Cost of the Work due to:

- Nonagreement on pricing of proposed change.
- Necessity to expedite Work described herein prior to agreeing to changes on Contract Price and Contract Time.

**Estimated change in Contract Price and Contract Times:**

Contract Price \$ 16,140 (increase) Contract Time 0 (increase/decrease) days

Recommended for Approval by Engineer: <i>Norm Beady</i>	Date: <u>October 16, 2013</u>
Authorized for Owner by: <i>[Signature]</i>	Date: <u>10/22/2013</u>
Received for Contractor by: <i>Clint Bastian</i>	Date: <u>10-22-13</u>
Received by Funding Agency (if applicable):	Date:



Flatiron Construction Corp.  
 195 East 600 South  
 American Fork, Utah 84003

## Quotation

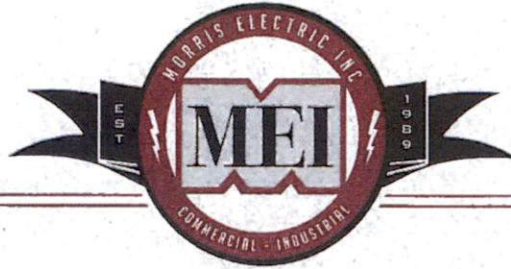
Date 10/15/2013

Project Santaquin WRF

RFCOP - 9 Electrical Items

Description	Quantity	Unit Cost	Labor Costs	Mat. Costs	Equip. costs	Totals
<b>General Conditions</b>						
<u>RFCOP</u>						
Document process and Scheduling	3	66.03	198.09			198.09
<b>Labor</b>						
						0.00
						0.00
<b>Material</b>						
						0.00
						0.00
<b>Equipment</b>						
						0.00
						0.00
<b>Sub Contractor</b>						
<u>Morris Electric</u>						
Dewatering feed pump cooling				1,100.95		1,100.95
Relocate Decant Pump Control panel				641.31		641.31
Interconnect conduits between PCP and MCC				1,146.90		1,146.90
Solenoid valves located on membrane equipment				742.07		742.07
Plant Drain lift station cables				507.39		507.39
Offsite service				3,091.64		3,091.64
Extend antenna to roof peak				1,971.77		1,971.77
Starters for Exhaust fans				3,139.97		3,139.97
LEAP Air flow switches				791.62		791.62
Fiber Optics terminations				1,650.00		1,650.00
						14,783.62
<b>Base Costs Totals</b>						
						14,981.71
Profit / Overhead		5.00%				739.18
Profit / Overhead		15.00%				29.71
Bonds		1.00%				164.80
Insurance		1.50%				224.73
<b>Item #1 TOTAL</b>						<b>\$16,140.13</b>

275 West 900 North  
 Provo, UT 84663



ph: 801-489-8501  
 fax: 801-489-8504  
 www.morrisele.com

ATTN: Clint Bastian  
 Project: Santaquin WRF  
 Subject: Cooling Fans for Pumps

Date: 10/1/2013

Scope: Install new control transformers in the MCC bucket and run a 120v power feed to 80-P-201 and 80-P-202 .  
 These cooling fans are required by the pump manufacturer and were not accounted for on Drawing E20-01, E00-28, or I16-04.

MATERIALS				6.85%	10%	0%	
QNTY	DESCRIPTION	\$/UNIT	SUBTL	TAXES	OVERHEAD	PROFIT	TOTAL
2	2.5amp Control Tansformers	\$ 185.00	\$ 370.00	\$ 25.35	\$ 39.53	\$ -	\$ 434.88
500	#14/3C shielded	\$ 0.40	\$ 200.00	\$ 13.70	\$ 21.37	\$ -	\$ 235.07
							\$ 669.95

LABOR

QNTY	DESCRIPTION	\$/UNIT	TOTAL
1.5	Journeyman Electrician	\$ 80.00	\$ 120.00
1.5	Apprentice Electrician	\$ 74.00	\$ 111.00
			\$ 231.00

MATERIAL	\$ 669.95
LABOR	\$ 231.00
OTHER	\$ 200.00
<b>TOTAL</b>	<b>\$ 1,100.95</b>

OTHER

QNTY	DESCRIPTION	\$/UNIT	TOTAL
2	OFFICE COORDINATION	\$ 100.00	\$ 200.00
			\$ 200.00

Respectfully

Justin Morris  
 Morris Electric Inc.  
 801-489-8501



275 West 900 North  
 Provo, UT 84663



ph: 801-489-8501  
 fax: 801-489-8504  
 www.morrisele.com

ATTN: Clint Bastian  
 Project: Santaquin WRF  
 Subject: Decant Pump Control Panel

Date: 10/1/2013

Scope: Relocated decant pump control panel from the biological area to the membrane area. This will include (1) wall penetration.

MATERIALS				6.85%	10%	0%	
QNTY	DESCRIPTION	\$/UNIT	SUBTL	TAXES	OVERHEAD	PROFIT	TOTAL
50	3/4" PVCC conduit	\$ 3.58	\$ 179.00	\$ 12.26	\$ 19.13	\$ -	\$ 210.39
150	#14 Copper	\$ 0.13	\$ 19.50	\$ 1.34	\$ 2.08	\$ -	\$ 22.92
							\$ 233.31

LABOR

QNTY	DESCRIPTION	\$/UNIT	TOTAL
2	Journeyman Electrician	\$ 80.00	\$ 160.00
2	Apprentice Electrician	\$ 74.00	\$ 148.00
			\$ 308.00

MATERIAL	\$ 233.31
LABOR	\$ 308.00
OTHER	\$ 100.00
<b>TOTAL</b>	<b>\$ 641.31</b>

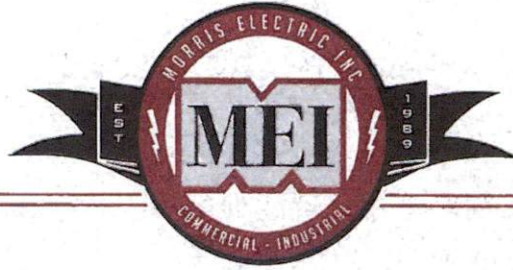
OTHER

QNTY	DESCRIPTION	\$/UNIT	TOTAL
1	OFFICE COORDINATION	\$ 100.00	\$ 100.00
			\$ 100.00

Respectfully

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ATTN: Clint Bastian  
 Project: Santaquin WRF  
 Subject: Connection from PLC to MCC

Date: 10/1/2013

Scope: Install the connection required between the MCC and PCP. Darrick install the conduit before the slab was poured. There will be no exposed conduit for this interconnect.

MATERIALS				6.85%	0%	0%	
QNTY	DESCRIPTION	\$/UNIT	SUBTL	TAXES	OVERHEAD	PROFIT	TOTAL
30	2" PVC conduit	\$ 0.83	\$ 24.90	\$ 1.71	\$ -	\$ -	\$ 26.61
4	2" PVCC 90	\$ 48.88	\$ 195.52	\$ 13.39	\$ -	\$ -	\$ 208.91
8	2" PVCC Conduit	\$ 14.69	\$ 117.52	\$ 8.05	\$ -	\$ -	\$ 125.57
2000	#14 Copper	\$ 0.13	\$ 260.00	\$ 17.81	\$ -	\$ -	\$ 277.81
							\$ 638.90

LABOR

QNTY	DESCRIPTION	\$/UNIT	TOTAL
2	Journeyman Electrician	\$ 80.00	\$ 160.00
2	Apprentice Electrician	\$ 74.00	\$ 148.00
			\$ 308.00

MATERIAL	\$ 638.90
LABOR	\$ 308.00
OTHER	\$ 200.00
<b>TOTAL</b>	<b>\$ 1,146.90</b>

OTHER

QNTY	DESCRIPTION	\$/UNIT	TOTAL
2	OFFICE COORDINATION	\$ 100.00	\$ 200.00
			\$ 200.00

Respectfully

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ATTN: Clint Bastian  
Project: Santaquin WRF  
Subject: GE solenoid valves

Date: 10/1/2013

Scope: Solenoid valves are located on the Membrane equipment, not near the storage area as indicated on the drawings. We will use conduit already installed to pick up the change.

MATERIALS				6.85%	0%	0%	
QNTY	DESCRIPTION	\$/UNIT	SUBTL	TAXES	OVERHEAD	PROFIT	TOTAL
6	3/4" PVCC "T"	\$ 76.13	\$ 456.78	\$ 31.29	\$ -	\$ -	\$ 488.07
							\$ 488.07

LABOR

QNTY	DESCRIPTION	\$/UNIT	TOTAL
1	Journeyman Electrician	\$ 80.00	\$ 80.00
1	Apprentice Electrician	\$ 74.00	\$ 74.00
			\$ 154.00

MATERIAL	\$ 488.07
LABOR	\$ 154.00
OTHER	\$ 100.00
TOTAL	\$ 742.07

OTHER

QNTY	DESCRIPTION	\$/UNIT	TOTAL
1	OFFICE COORDINATION	\$ 100.00	\$ 100.00
			\$ 100.00

Respectfully

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ATTN: Clint Bastian  
 Project: Santaquin WRF  
 Subject: MFR cable is short

Date: 10/1/2013

Scope: Sheet E20-01, for pumps 85-P-101-1 and 85-P-101-2, Conduit P-85-03A and P-85-03B show a vendor cable from the Pump to the MCC bucket. The vendor cable is only 40'. Cost is to extend this cable to the MCC bucket with (3)#12 Copper conductors per motor.

MATERIALS				6.85%	0%	0%	
QNTY	DESCRIPTION	\$/UNIT	SUBTL	TAXES	OVERHEAD	PROFIT	TOTAL
1200	#12 Copper	\$ 0.17	\$ 204.00	\$ 13.97	\$ -	\$ -	\$ 217.97
							\$ 217.97

LABOR

QNTY	DESCRIPTION	\$/UNIT	TOTAL
1.23	Journeyman Electrician	\$ 80.00	\$ 98.40
1.23	Apprentice Electrician	\$ 74.00	\$ 91.02
			\$ 189.42

MATERIAL	\$ 217.97
LABOR	\$ 189.42
OTHER	\$ 100.00
<b>TOTAL</b>	<b>\$ 507.39</b>

OTHER

QNTY	DESCRIPTION	\$/UNIT	TOTAL
1	OFFICE COORDINATION	\$ 100.00	\$ 100.00
			\$ 100.00

Respectfully

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 Morris Electric Inc.  
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275 West 900 North  
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ATTN: Clint Bastian  
 Project: Santaquin WRF  
 Subject: Service for Offsite

Date: 8/13/2013  
 Rev: 10/2/2013

Scope: Install (6) 4" sweep 90's, 10' GRC conduit (for pole riser in lieu of a weather head), (45') 4" PVC, (30') trenching and backfill. Price includes deducts in materials and labor that were part of the overhead service. Sheet E-AD01 and E-AD02 indicate that for bidding purposes this is an overhead feed. We have coordinated with the utility company and they directed this to be a padmount. This cost is for the underground duct bank required to put this service in the ground.

MATERIALS				6.85%	10%	5%	
QNTY	DESCRIPTION	\$/UNIT	SUBTL	TAXES	OVERHEAD	PROFIT	TOTAL
6	4" SWEEP GRC 90	\$ 136.00	\$ 816.00	\$ 55.90	\$ 87.19	\$ 47.95	\$ 1,007.04
45	4" PVC Conduit	\$ 2.40	\$ 108.00	\$ 7.40	\$ 11.54	\$ 6.35	\$ 133.28
10	4" GRC Riser	\$ 16.21	\$ 162.10	\$ 11.10	\$ 17.32	\$ 9.53	\$ 200.05
-10	4" GRC for weatherhead	\$ 16.21	\$ (162.10)	\$ (11.10)	\$ (17.32)	\$ (9.53)	\$ (200.05)
-1	4" weatherhead	\$ 108.00	\$ (108.00)	\$ (7.40)	\$ (11.54)	\$ (6.35)	\$ (133.28)
6	CORROSION TAPE	\$ 23.58	\$ 141.48	\$ 9.69	\$ 15.12	\$ 8.31	\$ 174.60
							\$ 1,181.64

LABOR

QNTY	DESCRIPTION	\$/UNIT	TOTAL
10	Journeyman Electrician	\$ 80.00	\$ 800.00
-2	Journeyman Electrician	\$ 80.00	\$ (160.00)
10	Apprentice Electrician	\$ 74.00	\$ 740.00
-2	Apprentice Electrician	\$ 74.00	\$ (148.00)
			\$ 1,232.00

MATERIAL	\$ 1,181.64
LABOR	\$ 1,232.00
OTHER	\$ 678.00
<b>TOTAL</b>	<b>\$ 3,091.64</b>

OTHER

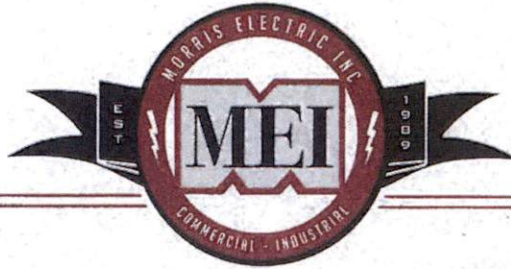
QNTY	DESCRIPTION	\$/UNIT	TOTAL
3	OFFICE COORDINATION	\$ 100.00	\$ 300.00
1	MINI EXCAVATOR	\$ 378.00	\$ 378.00
			\$ 678.00

Respectfully

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 Morris Electric Inc.  
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ATTN: Clint Bastian  
 Project: Santaquin WRF  
 Subject: extend antenna to roof peak

Date: 10/3/2013

Scope: We stubbed out the 1" conduit for the Antenna into the Membrane area as per previous communication at no charge. There is no drawing indicating the conduit requirement for the antenna (the communications system itself is by JUB per sheet I95-01). This cost is to bring the 1" conduit to the peak of the membrane area, transition to a 1 1/2" conduit via a J-box, and stub out below the soffit of the roof to allow the mounting of the radio antenna.

MATERIALS				6.85%	0%	0%	
QNTY	DESCRIPTION	\$/UNIT	SUBTL	TAXES	OVERHEAD	PROFIT	TOTAL
45	1" PVCC GRC	\$ 6.90	\$ 310.50	\$ 21.27	\$ -	\$ -	\$ 331.77
10	1 1/2" GRC	\$ 4.45	\$ 44.50	\$ 3.05	\$ -	\$ -	\$ 47.55
1	6x6x6 J-box	\$ 25.00	\$ 25.00	\$ 1.71	\$ -	\$ -	\$ 26.71
8	1" conduit anchor system	\$ 7.50	\$ 60.00	\$ 4.11	\$ -	\$ -	\$ 64.11
3	1 1/2" conduit anchor systm.	\$ 4.50	\$ 13.50	\$ 0.92	\$ -	\$ -	\$ 14.42
							\$ 331.77

LABOR

QNTY	DESCRIPTION	\$/UNIT	TOTAL
10	Journeyman Electrician	\$ 80.00	\$ 800.00
10	Apprentice Electrician	\$ 74.00	\$ 740.00
			\$ 1,540.00

MATERIAL	\$ 331.77
LABOR	\$ 1,540.00
OTHER	\$ 100.00
<b>TOTAL</b>	<b>\$ 1,971.77</b>

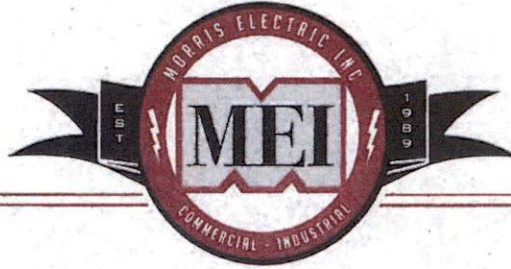
OTHER

QNTY	DESCRIPTION	\$/UNIT	TOTAL
1	OFFICE COORDINATION	\$ 100.00	\$ 100.00
			\$ 100.00

Respectfully

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ATTN: Clint Bastians  
 Project: Santaquin  
 Subject: Starters for E.F.

Date: 10/14/2013

Scope: Add (2) new starters for Exhaust Fans EF-05-01, EF-05-02 (EF-80-01), and EF-16-01 will be tied into a spare starter in the MCC. Starters will be provided with a 120v AUX. contact for operation of the dampers.

MATERIALS				6.85%	10%	5%	
QNTY	DESCRIPTION	\$/UNIT	SUBTL	TAXES	OVERHEAD	PROFIT	TOTAL
2	NON-COMBO STARTER	\$ 517.15	\$ 1,034.30	\$ 70.85	\$ 110.51	\$ 60.78	\$ 1,276.45
20	3/4" GRC	\$ 2.13	\$ 42.60	\$ 2.92	\$ 4.55	\$ 2.50	\$ 52.57
500	#12 COPPER	\$ 0.12	\$ 60.00	\$ 4.11	\$ 6.41	\$ 3.53	\$ 74.05
2	3/4" MYER HUB	\$ 5.00	\$ 10.00	\$ 0.69	\$ 1.07	\$ 0.59	\$ 12.34
1	LOT MISC (ANCHORS, BOLTS)	\$ 75.00	\$ 75.00	\$ 5.14	\$ 8.01	\$ 4.41	\$ 92.56
							\$ 1,507.97

LABOR

QNTY	DESCRIPTION	\$/UNIT	TOTAL
8	Journeyman Electrician	\$ 80.00	\$ 640.00
8	Apprentice Electrician	\$ 74.00	\$ 592.00
			\$ 1,232.00

MATERIAL	\$ 1,507.97
LABOR	\$ 1,232.00
OTHER	\$ 400.00
<b>TOTAL</b>	<b>\$ 3,139.97</b>

OTHER

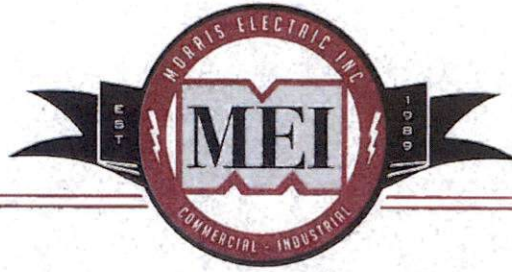
QNTY	DESCRIPTION	\$/UNIT	TOTAL
4	OFFICE COORDINATION	\$ 100.00	\$ 400.00
			\$ -
			\$ 400.00

Respectfully

Justin Morris  
 Morris Electric Inc.  
 801-489-8501



275 West 900 North  
 Blandingville, UT 84663



ph: 801-489-8501  
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 www.morrisele.com

ATTN: Clint Bastians  
 Project: Santaquin  
 Subject: Blower Flow switches

Date: 7/15/2013

Scope: Provide conduit and conductors to(2) new flow switches that were provided by GE. This is for the two extra 20hp blowers of the (4) provided by GE.

MATERIALS				6.85%	10%	5%	
QNTY	DESCRIPTION	\$/UNIT	SUBTL	TAXES	OVERHEAD	PROFIT	TOTAL
0	3/4" GRC	\$ 2.13	\$ -	\$ -	\$ -	\$ -	\$ -
0	3/4" GRC "T"	\$ 15.62	\$ -	\$ -	\$ -	\$ -	\$ -
200	#14 Copper	\$ 0.12	\$ 24.00	\$ 1.64	\$ 2.56	\$ 1.41	\$ 29.62
0	3/4" SLT FLEX	\$ 0.86	\$ -	\$ -	\$ -	\$ -	\$ -
0	3/4" SLT CONN	\$ 2.50	\$ -	\$ -	\$ -	\$ -	\$ -
0	LOT MISC (ANCHORS, BOLTS)	\$ 50.00	\$ -	\$ -	\$ -	\$ -	\$ -
							\$ 29.62

LABOR

QNTY	DESCRIPTION	\$/UNIT	TOTAL
3	Journeyman Electrician	\$ 80.00	\$ 240.00
3	Apprentice Electrician	\$ 74.00	\$ 222.00
			\$ 462.00

MATERIAL	\$ 29.62
LABOR	\$ 462.00
OTHER	\$ 300.00
<b>TOTAL</b>	<b>\$ 791.62</b>

OTHER

QNTY	DESCRIPTION	\$/UNIT	TOTAL
3	OFFICE COORDINATION	\$ 100.00	\$ 300.00
			\$ -
			\$ 300.00

Respectfully

Justin Morris  
 Morris Electric Inc.  
 801-489-8501

Ref#	Original Item # from Each CO	Item Description	Comments/Reason for Change	CO #1	CO #2	CO #3	CO #4	CO#5	CO#6	CO#7	CO #8	CO #9
1	VE-1	Allowance Items; select Parkson, Huber, Trojan, HSI	Proposal costs from bid day were lower than allowance estimates that Engineer used in bid forms. Value shown is that reduction in pricing.	-\$188,161	-	-						
2	VE-2	Delete Administration Building; plant can be run from MBR building	Admin building deleted; include utilities stubbed up for future admin bldg.	-\$264,630	-	-						
3	VE-3	Scale back/delete landscaping	Schedule of Values from bid day showed \$200K per original plans, this has been scaled back to an estimated \$50K allowance for landscaping.	-\$100,431	-	-			-\$50,000			
4	VE-7	Provide fencing at site per R317 but provide less;	Less fencing will be provided; main site will still be fenced; not entire parcel.	-\$7,600	-	-						
5	VE-8	Accelerate lagoon decommissioning by installing 18" trunkline sewer down from sewer lagoons	2007 Master Plan estimated this cost at over \$1M. CO#2 pricing was based on preliminary set of plans and discussions between Owner, Engineer, Contractor. Pricing in CO#2 was accepted by Owner using gravel bedding which was a substantial savings over a sand type bedding specified elsewhere. Gravel bedding was discouraged in the geotechnical report. Engineer noted those concerns to Owner and Owner agreed to move forward with gravel bedding noting the risk of the gravel (settling) could be minimized with use of clay dams as recommended in geotech report. CO#2 did not include clay dams but would be added to future CO.	future CO	\$770,661	-						
6	CO#3 - Offsite #1	Provide clay dams at locations along new 18" that utilizes gravel bedding.	Clay dams to be provided approx. every 1000 feet. This will be a pay item. These were not formally part of Change Order #2 but clay dams were recommended by geotechnical engineer with the gravel bedding that was accepted by City in CO#2. Contractor to install Clay Dams as directed by Engineer and as shown on Change Order #3 Drawings.									
7	CO#3 - Offsite #2	Upsize Hwy 6 Casing Bore	Large gravels/cobbles made boring across Hwy 6 difficult to keep bore aligned with a 24-inch casing as designed. Field decision was made to go to 36-inch as best solution to ensure the proper design grade and alignment on each end. Additional price is for larger steel casing (36") only. All other additional costs borne by boring subcontractor. Contractor to install 36" upsized casing.						\$17,641			
8	CO#3 - Offsite #3	Specilized HDPE Construction for 1,200 feet near Lark Lane (wellhead zone) to meet DDW requirements	Change Order #2 was priced and accepted based on preliminary set of drawings. Through final design and construction the presence of Genola's well required 1200 feet of pipe to be constructed to a different (State of Utah Division of Drinking Water) standard using HDPE pipe. 18-inch PVC would have been approximately \$70,000 for this portion of pipe. The HDPE cost is approximately \$137,000 for this same piece. Contractor to install 1200 feet of HDPE pipe (MH 12 thru MH 19).						\$67,047			
9	CO#3 - Offsite #4	Pressure Irrigation Drain Relocation at Lark Lane	A PI drain was encountered at Lark Lane during construction of the 18-inch; the drain was relocated. Contractor relocated drain to location per Owner/Engineer direction.						\$6,290			
10	CO#3 - Offsite #5	Relocate 10-inch raw sewage force main (future reclaimed water)	This is related to the 10-inch raw sewage force main that will be converted to reclaimed water. 700 feet of force main will be relocated at Openshaw parcel to facilitate installation of 18-inch. Contractor to install approx. 700 feet of 10" force main as shown on Change Order #3 Drawings.						\$33,631			
11	CO#3 - Offsite #6	Replace 6" Irrigation Line at Openshaw parcel	To facilitate construction of 18-inch gravity line a relocation of a private party irrigation line is required from station 7+25 to 11+25. Contractor to install approx. 434 feet of 6" irrigation line as shown on Change Order #3 Drawings.						\$15,689			

Net Price Change Based on Reason for Change				
VE for 18" from Lagoons	Other Owner Requested Change	Project Delay from Original Bid	Contract/ Field Findings	DWO Revisions
-\$188,161				
-\$264,630				
-\$150,431				
-\$7,600				
\$770,661				
\$17,641				
\$22,038				
\$57,983			\$9,064	
\$6,290				
\$33,631				
\$15,689				



Ref#	Original Item # from Each CO	Item Description	Comments/Reason for Change	CO #1	CO #2	CO #3	CO #4	CO#5	CO#6	CO#7	CO #8	CO #9
12	CO#3 - Offsite #7	Relocate borings at lagoons	As part of decision to go to 18-inch gravity line this resulted in modifications to the boring locations for the 10-inch irrigation line that comes back into town. This change is for mobilization changes and boring size changes for that work. Includes the relocated 18-inch boring at lagoons for irrigation line and 24" boring for gravity sewer. Includes credits for borings deleted. Contractor to install 80 feet of 18" boring and 80 feet of 24" boring as shown on Change Order # 3 Drawings.			\$26,838						
13	CO#3 - Offsite #8	Railroad Insurance	With the final design there was concern to have minimal impact on orchards. To facilitate construction a temporary ingress easement was requested and granted from UPRR. This is the liability insurance policy required.			\$5,185						
14	CO#3 - Offsite #9	Bypass during relocation of FM	Bypass pumping required for relocation of 700 feet of FM through Openshaw parcel for 10" relocation. Contractor to provide bypass pumping for sewage during ties ins for new 10" relocation.			\$1,607						
15	CO#3 - Offsite #10	Buried manholes through Orchards	Through final design and discussion with orchard growers from approximately Lark lane to Openshaw parcel some private property owners desired buried manholes. This is to seal manhole lids in certain locations. Contractor to seal and bury manholes (MH's 6 thru 13) as directed by Owner & Engineer.			\$3,874						
16	CO#3 - Offsite #11	Offsite #11 Subcontractor Down days	Sub down days; due to challenges of coordinating final access to work areas and work in easements, the design of the 18-inch was modified to work with easement constraints the Owner was working to alleviate. As a result the offsite contractor had to mobilize to different locations and his production was delayed. Contractor has record of lost work time on a number of different days; he is asking for 3 days of down time.			\$9,198						
17		Davis Bacon Wage Changes for Craft workers	DWQ required change as part of Davis Bacon laws; this was due to time period and delay between bid opening and start of construction.		\$76,908							
18	VE 05-1	Convert influent splitter box to piping	A flow split into the screens is needed, this can be done with piping or channels.	-\$41,078								
19	VE 05-8	Eliminate Winch and Footing	City to use dump trailer instead.	-\$20,311								
20	VE 02-1	Reduce scope of laboratory	JUB to work with architect to scale back casework in laboratory.	-\$15,000								
21	VE 16-2A	Delete Skylights	Delete Skylights	-\$10,032								
22	VE 16-9 CO#6 Item 1	Convert axial membrane feed pumps to submersible pumps	The capacity of the recycle pump station has been doubled and it is being provided as a dry-pit instead of a wet pit solution. The original contract had firm capacity of 2,800 gpm. The revised station has a firm capacity of 5,600 gpm. The price shown is for schedule 80 PVC pipe and fittings around the pumps. Ductile pipe is a more robust solution and would be a preferred option; however PVC is used in these situations and does not jeopardize treatment system performance. Ductile is approximately \$30,000 more.	future CO	future CO	future CO	future CO	future CO	\$63,085			
23	CO#3 - Onsite #5	Lower floor for future pump #3	As part of VE16-9 dry pit pumps will replace wet submersible pumps. To ensure better operating conditions of those recycle pumps, the floor was lowered on west end of membrane tanks. To match that condition on the east end of tanks and to better prepare to bring train #3 on-line in 15 to 20 years, a second area on east of tanks was lowered. This will allow Owner to bring train 3 on-line with less future impact. It will also allow the dewatering feed pumps to operate more efficiently.			\$17,040						

Net Price Change Based on Reason for Change				
VE for 18" from Lagoons	Other Owner Requested Change	Project Delay from Original Bid	Contract/Field Findings	DWQ Revisions
\$26,838				
\$5,185				
\$1,607				
\$3,874				
\$9,198				
		\$76,908		
-\$41,078				
-\$20,311				
-\$15,000				
-\$10,032				
\$63,085				
\$8,520			\$8,520	

Ref#	Original Item # from Each CO	Item Description	Comments/Reason for Change	CO #1	CO #2	CO #3	CO #4	CO#5	CO#6	CO#7	CO #8	CO #9
24	VE 20-1 (CO#5 Item 11)	Coat fewer membrane tanks	Five membrane tanks and the backpulse tank are in the contract as being coated. This is primarily to protect the concrete against chemical decay. The warranty for coatings will start upon coating application. However two tanks will not be used at the beginning of the project. So the thought of not coating the tanks for a credit has been suggested. The pros is to save the money now and not start the warranty clock. The cons include likely higher cost in the future (remobilization, less work at higher price, etc.) and potential for construction debris to impact existing membranes (although the membrane tanks are covered and this potential impact could be mitigated).	future CO	future CO	future CO	future CO	-\$18,896				
25	VE 20-2	Not meter return flow (or change out Flo-Dar)	Replace Flo-dar with 20" Mag Meter	-\$8,000	-	-						
26	VE 20-3	Change out building to pre-engineered metal bldg.	Building has been changed out to pre-engineered moment frame type system with standard wall and roof systems. Additional engineering required due to change of steel to concrete connections and footing redesign.	future CO	-\$139,080	-						
27	CO#3 - Onsite #12	-Onsite #12 Capacity for Solar	Original Contractor VE/Pre-engineered bldg price did not include capacity for solar panels. Capacity was added to accommodate future solar if City were to implement.			\$3,561						
28	VE 20-4	Next generation LEAP MBR system	Estimated 30% reduction in energy cost. May result in some construction cost savings which has not been quantified. Cost shown is for current capacity of 0.85 AADF. Added cost is cost for GE for resubmittal and additional engineering for LEAP system.	\$60,924	-	-						
29	VE 20-5	Delete membrane drain pumps	Two membrane drain pumps and associated piping have been deleted.	-\$15,368	-	-						
30	VE 23-1	Eliminate chemical rooms	Eliminate chemical rooms and locate chem systems in containment near UV channels in main process area.	-\$21,211	-	-						
31	VE E-3	CO#3 - Onsite #2 Reduce spec/features on generator	Generator shown as 1000 kW on Sheet E00-07 which addressed all connected equipment over 20 year life. Further review as part of VE and shop drawings indicates it is oversized. Allow some of the spec requirements were modified. Contractor to provide 800 kW generator as directed by Owner & Engineer.	future CO	future CO	-\$27,067						
32	VE E-5	Open Lighting spec package	Allow for other suppliers to provide equipment that meets intent of spec.	-\$40,175	-	-						
33	VE E-7	Re-align Main Feed	To match north side entrance and revisions to bringing power off of pole noted by RMP.	-\$4,269	-	-						
34	VE E-8	Provide Standard Typical Lightpole (not City Standard)	City will provide the actual poles	-\$10,100	-	-						
35	CO #3 - Onsite #3	Ductile Iron Polywrap	Provides higher level of corrosion protection for ductile pipe. Contractor to provide poly wrap for all onsite ductile iron pipe.			\$1,959						\$1,959
36	CO#3 - Onsite #4	Truss revisions	Through shop drawing review it was noted the design loading needed to be increased for code purposes. This resulted in additional 0.7 tons of steel and a connection modification at the HW bldg. center wall. Contractor provided additional steel to meet code.			\$5,145						\$5,145
37	CO#3 - Onsite #5	Thrust block on future #4	Splitter box to future #4 will be left empty with no force on MJ end cap. To ensure no leakage at end of pipe in the event where the future empty pipe gets pressure from the splitter box. A thrust block was recommended as a field change. Contractor installed a thrust block.			\$307						\$307
38	CO#3 - Onsite #7	Spare conduit In Basin #3	With lagoon decommissioning the City may consider bringing train 3 into process service sooner. Depending on growth the basin may be needed in 15 to 20 years instead of beyond 20 years. As a field change to facilitate easier future use spare conduit is recommended. Additional conduit to be installed by Contractor as directed by Owner & Engineer.			\$5,642						\$5,642

Net Price Change Based on Reason for Change				
VE for 18" from Lagoons	Other Owner Requested Change	Project Delay from Original Bid	Contract/Field Findings	DWO Revisions
	-\$18,896			
	-\$8,000			
	-\$139,080			
	\$3,561			
	\$56,124	\$4,800		
	-\$15,368			
	-\$21,211			
	-\$27,067			
	-\$40,175			
	-\$4,269			
	-\$10,100			
			\$1,959	
			\$5,145	
			\$307	
	\$5,642			





Ref#	Original Item # from Each CO	Item Description	Comments/Reason for Change	CO #1	CO #2	CO #3	CO #4	CO#5	CO#6	CO#7	CO #8	CO #9
49	CO#5 Item 4	Added Floor Drain Between E and F Line	A floor drain to facilitate mixer washdown between E line and F line was recommended from the field. This cost is for the drain.					\$2,383				
50	CO#5 Item 5	Fiber Optic Network	Original design had hard wired remote devices to MCC/PCP. During construction and review of equipment submittals it was observed a fiber optic network to the remote buildings was a better long term solution for the Owner. This will more easily facilitate changes in the remote buildings for future controls.					\$4,011				
51	CO#5 Item 6	MCC wall revisions	With the revised building (VE#20-3) the block wall is now an interior wall on two surfaces and it is recommended just to paint the wall not furr it out.					-\$1,628				
52	CO#5 Item 7	Control Room and Bathroom Finishes	Not used.									
53	CO#5 Item 7	Control Room and Bathroom Finishes	Owner asked about reducing amount of tile in some locations. This change reflects that request.					-\$1,520				
54	CO#5 Item 9	Disconnect Switches in the Aeration Basin Area.	The aeration basin area is classified as Class I Division 2. This is an NFPA (National Fire Protection Association) classification specific to wastewater facilities. The drawings indicate this area as Class I Division 2. The specifications for the disconnects reference a NEMA rating that does not meet Class I Division 2. The Engineer and Contractor reviewed a number of options and adjusted the design within the parameters allowed by code to find a lower cost solution to this field finding.					\$15,591				
55	CO#5 Item 10	Chemical Transfer pumps	The operators will occasionally transfer chemical from totes to the storage units. This will be somewhat infrequent (not more often than monthly). The transfer pumps specified can be changed out for a credit and in Engineer's opinion not impact the operator.					-\$2,518				
56	CO#6 Item 2	DO Probe revisions	The model specified in 2010 has been discontinued. One controller was specified; three are needed. Cost is for new model and three units.						\$5,220			
57	CO#6 Item 3	Off Spec Isolation Valve - 20"	Automated diversion valves at winter storage have been deleted; new diversion valve at WRF is added (this is related to DWQ onsite request).						-\$19,831			
58	CO#6 Item 4	Louver in Lab Door	During review of the submittals for the HVAC system in the lab; additional intake air for the fume hood was needed. This has been added by a lowered door.						\$235			
59	CO#6 Item 5	Roll up door paint and motor	Revise the roll up doors to standard paint system and eliminate one of the motors.						-\$11,692			
60	CO#6 Item 6	Reduced coating on membrane feed channels.	Future membrane basin coating has already been removed; this credit is for the channels at these future basins. These channels will be dry for first number of years so the City would coat them in the future.						-\$3,182			
61	CO#6 Item 7	Off spec pond	DWQ has now asked for the offspec pond to be constructed at the treatment plant site. The Final Contract Drawings were approved by DWQ with the off spec storage at the lagoon site. The cost shown is based on the quantities estimated. The quantities will be measured for final payment. The pay will be per cubic yard so like other unit prices this value may go up or may go down based on final quantity. Value shown in CO#6 is for largest cost item which is dirt moving. There is still some misc. piping shown on the onsite pond drawings.						\$47,681			
62	CO#6 Item 8	Handrail at headworks Bldg.	The drawings did not show handrail on a three tread stringer at the dewatering building. This needs to be added for code. There is also a drop off near the screw press that is less than 30" in height. Code does not require a railing for < 30". City staff have suggested having some removable railing or chain that location may be of interest. Pricing is for removable handrail.						\$3,356			
63	CO#6 Item 8	Misc. Electrical Revisions	These changes include addition of a low voltage panelboard in MCC room (and transformer), additional receptacles, lift station panel contacts						\$20,088			

Net Price Change Based on Reason for Change				
VE for 18" from Lagoons	Other Owner Requested Change	Project Delay from Original Bid	Contract/Field Findings	DWQ Revisions
			\$2,383	
			\$4,011	
	-\$1,628			
	-\$1,520			
			\$15,591	
			-\$2,518	
		\$2,078	\$4,143	
				-\$19,831
			\$235	
	-\$11,692			
	-\$3,182			
				\$47,681
	\$2,356		\$1,000	
			\$20,088	



Ref#	Original Item # from Each CO	Item Description	Comments/Reason for Change	CO #1	CO #2	CO #3	CO #4	CO#5	CO#6	CO#7	CO #8	CO #9
64	CO#6 Item 10	Lab Equipment reductions	During submittal review it was determined the specification requirements could be reduced and still meet the need/intent for operating the lab.						-\$6,326			
65	CO#6 Item 11	Membrane Tank Drain Elbows	Elbows have been added to improve the suction condition of the membrane drains.						\$2,249			
66	CO#6 Item 12	Add membrane modules	Original contract included 252 membrane modules. Each rack of modules (6 racks) has 6 empty slots. This pricing is to add modules (36 total) to the racks. This purchase pricing was established during the original membrane procurement.						\$56,340			
67	CO#6 Item 13	Fire Dept. Connection	An FDC in the yard was not needed as part of the admin and chem room detentions.						-\$1,181			
68	CO#7 Item 1	Misc. Electrical Revisions	Wiring to screw press flocculation motor (new motor added to screw press since 2010 model). Wiring and breakers for motorized overhead doors in the headworks. The doors were specified in architecture drawings but conduit was not shown on the electrical drawings.							\$10,622		
69	CO#7 Item 2	Membrane Baffle Plates	GE guidelines required larger baffle plates for the openings into the membrane tanks.							\$10,467		
70	CO#7 Item 3	Davit Crane Bases	Provide additional jib crane receiver mounts for each mixer location.							\$2,393		
71	CO#7 Item 4	NPW Revisions	Provide isolation valves at strategic locations in the NPW (non-potable water loop). Provide additional spray nozzles in the aeration basins.							\$4,935		
72	CO#7 Item 5	Site Asphalt/Concrete	Overall site asphalt and concrete was revised. This is for additional concrete and asphalt.							\$2,460		
73	CO#7 Item 6	Flood Switch in Kiva	With change of recycle pump station to a dry pit it is recommended to add a switch with an alarm to warn of any kind of full sump.							\$3,784		
74	CO#7 Item 7	Perimeter Fence add back	During Value Engineering in CO#1 a credit was provided to delete approx. 1,000 feet of fence. This would reduce fencing by about 1/3 and fence just the WRF site not the entire WRF parcel and future public works. Further discussion about future of public works site led to City recommendation to fence the entire parcel. Review of past credit in CO#1 and current pricing indicated: Credit given in CO#1 was approx \$7,600 and it should have been \$15,133 based on price bid in November of 2010. The current price (Aug 2013) is \$18,749. So this Change Order provides the additional credit and at the same time puts the 1,000+ feet of fencing back into the project.							\$12,592		
75	CO#7 Item 8	Final DWQ pond modifications and WRF bypass connections.	To expedite construction of DWQ on-site pond; CO#6 only included moving the estimated amount of soil. This CO is for additional minor concrete work for the pond, a concrete pad for the transformer at the irrigation pump station and quick connect manholes on Ginger Gold RD if the WRF ever needed to be bypassed.							\$10,116		
76	CO#7 Item 9	Delete on-demand HW heater	Review of plumbing and electrical indicated using the HW heater for the chem area eyewash would be feasible and the on demand HW heater could be credited back to Owner.							-\$577		
77	CO#7 Item 10	Pond survey	Pricing is for survey of the DWQ pond and for additional overexcavation of material that was already previously placed by Contractor (at beginning of project).							\$6,966		
78	CO#7 Item 11	Delete ADA grates	Revisions to footings with the building revisions made providing the boot grates/ADA grates difficult. This credit is for removal of those grates. This was discussed with the Owner in an Owner's meeting.							-\$4,545		
79	CO#7 Item 13	Final tie-ins and pipe insertions through borings for lagoon abandonment.	CO#2 and CO#3 included the piping and borings to get the 18-inch down from the lagoons and routing of the irrigation piping based on lagoon abandonment. This is for the final casing spacers & RIR lagger coils to make use of the existing gravity flow casing. Saved having another bore (approx. \$30K). Includes bypass to connect 30 south and Summit Ridge flow into the 18".							\$18,540		

Net Price Change Based on Reason for Change				
VE for 18" from Lagoons	Other Owner Requested Change	Project Delay from Original Bid	Contract/Field Findings	DWQ Revisions
	-\$6,326			
			\$2,249	
\$56,340				
	-\$1,181			
			\$10,622	
			\$10,467	
			\$2,393	
			\$4,935	
	\$2,460			
\$3,784				
\$12,592				
	\$9,116			\$1,000
	-\$577			
				\$6,966
	-\$4,545			
\$18,540				

Plus values are anticipated increases in total contract.  
 Minus values are deductions that go back to Owner's Contingency

Ref#	Original Item # from Each CO	Item Description	Comments/Reason for Change	CO #1	CO #2	CO #3	CO #4	CO#5	CO#6	CO#7	CO #8	CO #9
80	CO#8 Item 1	Site Drainage Improvements	The contract plans show detention on the east side and west side of the site. Downspouts, etc. were to drain to the surface and then drain off the pavement surface into native field grasses and then into the detention areas. With the DWQ pond to the west; Engineer targeted a cost effective design for the pond by balancing cut and fill. This resulted in more of a berm to the west did not allow for surface flow. In addition during large rain event in September the DWQ pond received significant drainage from the south end of site. These proposed improvements channel more drainage to the east, and seek to mitigate the drainage impacts from the DWQ pond berm.								\$9,379	
81	CO#8 Item 1	Misc. Electrical Revisions	Integration & control electrical coordination items needed for operation at WRF, equipment, connection of SCADA antenna, etc. Unforeseen costs related to RMP requiring undergrounding the upgraded power service to the lagoon pump station rather than overhead. Conduit & wiring for two additional flow switches for the GE blowers related to LEAP upgrade. Terminations for fiber optics added in CO #5.									\$16,140

Net Price Change Based on Reason for Change				
VE for 18" from Lagoons	Other Owner Requested Change	Project Delay from Original Bid	Contract/Field Findings	DWO Revisions
				\$9,379
			\$16,140	

	CO#1	CO#2	CO#3	CO#4	CO#5	CO#6	CO#7	CO#8	CO#9	AS BID
Construction Contract Net Reductions/Additions	-\$685,442	\$708,489	\$163,942	-\$31,818	-\$4,212	\$107,043	\$77,753	\$9,379	\$16,140	
Cumulative Change Order Amount	-\$685,442	\$23,047	\$186,989	\$155,171	\$150,960	\$258,002	\$335,756	\$345,135	\$361,275	
Engineering, Attorney, Land, Closing, Other Direct City Costs Prior to or during Construction	\$2,274,687	\$2,274,687	\$2,274,687	\$2,274,687	\$2,274,687	\$2,274,687	\$2,274,687	\$2,274,687	\$2,274,687	\$2,274,687
CA Services	\$825,650	\$825,650	\$825,650	\$825,650	\$825,650	\$825,650	\$825,650	\$825,650	\$825,650	\$825,650
Engineering Amendment for 18"	\$45,577	\$45,577	\$45,577	\$45,577	\$45,577	\$45,577	\$45,577	\$45,577	\$45,577	\$0
Questar	\$45,000	\$45,000	\$45,000	\$45,000	\$33,625	\$33,625	\$33,625	\$33,625	\$33,625	\$33,625
RR Permits	\$24,500	\$24,500	\$24,500	\$24,500	\$36,100	\$36,100	\$36,100	\$36,100	\$36,100	\$36,100
<b>Subtotal Budgeted Future or Actual Non-Construction Costs</b>	<b>\$3,215,414</b>	<b>\$3,215,414</b>	<b>\$3,215,414</b>	<b>\$3,215,414</b>	<b>\$3,215,639</b>	<b>\$3,215,639</b>	<b>\$3,215,639</b>	<b>\$3,215,639</b>	<b>\$3,215,639</b>	<b>\$3,100,337</b>
<b>Construction Cost (Contract)</b>	<b>\$13,929,888</b>	<b>\$14,638,377</b>	<b>\$14,802,319</b>	<b>\$14,770,501</b>	<b>\$14,766,290</b>	<b>\$14,873,332</b>	<b>\$14,951,086</b>	<b>\$14,960,465</b>	<b>\$14,976,605</b>	<b>\$14,615,330</b>
<b>Estimated Total Project Costs</b>	<b>\$17,145,302</b>	<b>\$17,853,791</b>	<b>\$18,017,733</b>	<b>\$17,985,915</b>	<b>\$17,981,929</b>	<b>\$18,088,971</b>	<b>\$18,166,725</b>	<b>\$18,176,104</b>	<b>\$18,192,244</b>	<b>\$17,715,667</b>
<b>Funding Partners Commitment</b>	<b>\$18,213,913</b>	<b>\$18,213,913</b>	<b>\$18,213,913</b>	<b>\$18,213,913</b>	<b>\$18,213,913</b>	<b>\$18,213,913</b>	<b>\$18,213,913</b>	<b>\$18,213,913</b>	<b>\$18,213,913</b>	<b>\$18,213,913</b>
<b>Interest</b>				\$11,009	\$16,272	\$19,459	\$19,459	\$19,459	\$19,459	\$19,459
<b>Total Funds Available</b>	<b>\$18,213,913</b>	<b>\$18,213,913</b>	<b>\$18,213,913</b>	<b>\$18,224,922</b>	<b>\$18,230,185</b>	<b>\$18,233,372</b>	<b>\$18,233,372</b>	<b>\$18,233,372</b>	<b>\$18,233,372</b>	<b>\$18,213,913</b>
<b>Estimated Contingency With CO's</b>	<b>\$1,068,611</b>	<b>\$360,122</b>	<b>\$196,180</b>	<b>\$239,007</b>	<b>\$248,257</b>	<b>\$144,401</b>	<b>\$66,647</b>	<b>\$57,268</b>	<b>\$41,128</b>	<b>\$498,246</b>
<b>Estimated Current Construction Contract Remaining</b>			\$9,400,000	\$8,700,000	\$8,000,000	\$3,500,000	\$1,500,000	\$700,000	\$400,000	\$14,615,330
<b>% Contingency Relative to Remaining Contract</b>			2.1%	2.7%	3.1%	4.1%	4.4%	8.2%	10.3%	3.4%
<b>% of Original Construction Cost in Change Orders (Net Increase)</b>	0.92%	0.28%	0.57%	0.38%	0.31%					
<b>Total Net Change Order % all Categories</b>	2.47%									

Net Price Change Based on Reason for Change				
VE/18"	Other Owner Requested Change	Project Delay from Original Bid	Contract/Field Findings	DWO Revisions
\$135,115	\$41,287	\$83,786	\$55,892	\$45,195