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DOC # 0789841
09/21/2011 12:15 PM Deputy: KE
OFFICIAL RECORD
Requested By:
DC/PUBLIC WORKS

Assessor's Parcel Number: N/A

Date: SEPTEMBER 20, 2011

Recording Requested By:

Douglas County - NV
Karen Ellison - Recorder
Page: 1 Of 10 Fee: 0.00
BK-0911 PG- 3613 RPTT: 0.00

Name: EILEEN CHURCH, PUBLIC WORKS
(CP)

Address: _____

City/State/Zip: _____

Real Property Transfer Tax: \$ N/A



CHANGE ORDER NO 01 (#2011.228)

(Title of Document)



CHANGE ORDER

No. 01

PROJECT: Cave Rock Phase 2A Water System Improvements, Phase IIA

DATE OF ISSUANCE: 9/7/11 EFFECTIVE DATE: 8/24/11

OWNER: Douglas County

OWNER's Contract No. PWP-DO-2011-254

CONTRACTOR: Burdick Excavating Co. Inc. ENGINEER: Douglas County

2011 SEP 20 AM 9:27
2011-2238

You are directed to make the following changes in the Contract Documents.

Description: Add 3 traffic rated lids, abandon and replace one fire hydrant on Tamarack, abandon and replace one fire hydrant on Pheasant, install 2 inch electrical conduit in the 24 inch casing crossing HWY 50 for future use, remove the PRV on Gull Cr..

Reason for Change Order: Items discovered in the field required replacement or design change.

Attachments: Spreadsheet and itemized costs of each item.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price <u>\$625,000</u>	Original Contract Times Substantial Completion: <u>September 30, 2011</u> Ready for final payment: <u>November 18, 2011</u> days or dates
Net changes from previous Change Orders No. _____ to No. _____ \$0.00	Net change from previous Change Orders No. _____ to No. _____ 0 days
Contract Price prior to this Change Order <u>\$625,000</u>	Contract Times prior to this Change Order Substantial Completion: <u>September 30, 2011</u> Ready for final payment: <u>November 18, 2011</u> days or dates
Net decrease of this Change Order <u>\$<12,202.81></u>	Net Increase (decrease) of this Change Order 0 days
Contract Price with all approved Change Orders \$ \$612,797.19	Contract Times with all approved Change Orders Substantial Completion: <u>September 30, 2011</u> Ready for final payment: <u>November 18, 2011</u>

RECOMMENDED:

APPROVED:

ACCEPTED:

By: [Signature]
Engineer (Authorized Signature)

Date: 9/8/11

By: [Signature]
Owner (Authorized Signature)

Date: 9-12-11

By: [Signature]
Contractor, (Authorized Signature)

Date: 9/7/11

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Itemized Justification for Change Order Items

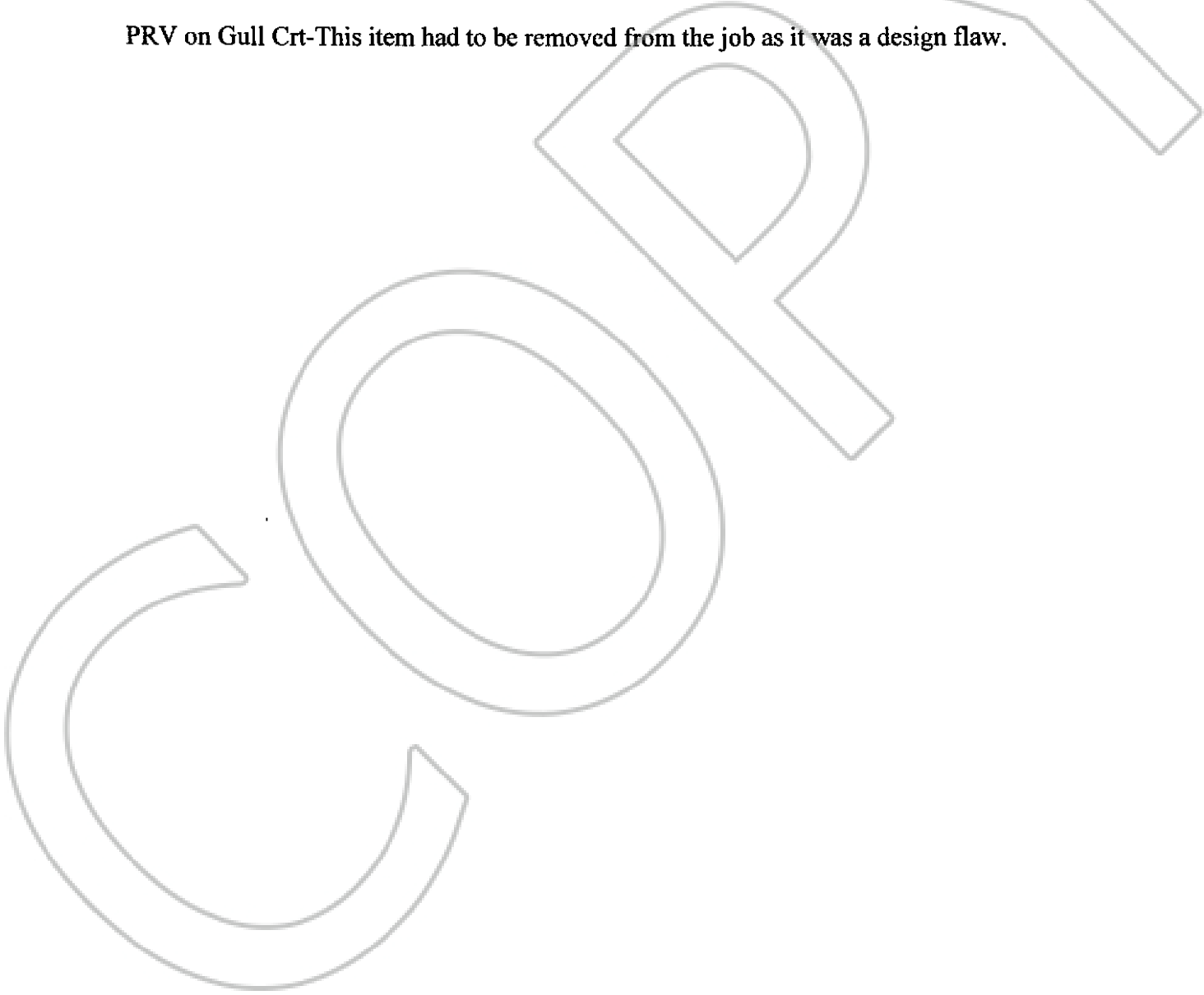
Traffic Rated Lids-Plans did not include traffic rated lids and 3 each of this type of lid were required for the job.

Fire hydrant on Tamarack-This fire hydrant was on the 6 inch line that was to be abandoned. A new hydrant was needed at this location off of the new 8 inch line.

Fire hydrant on Gull-This hydrant was 60 years old and did not function.

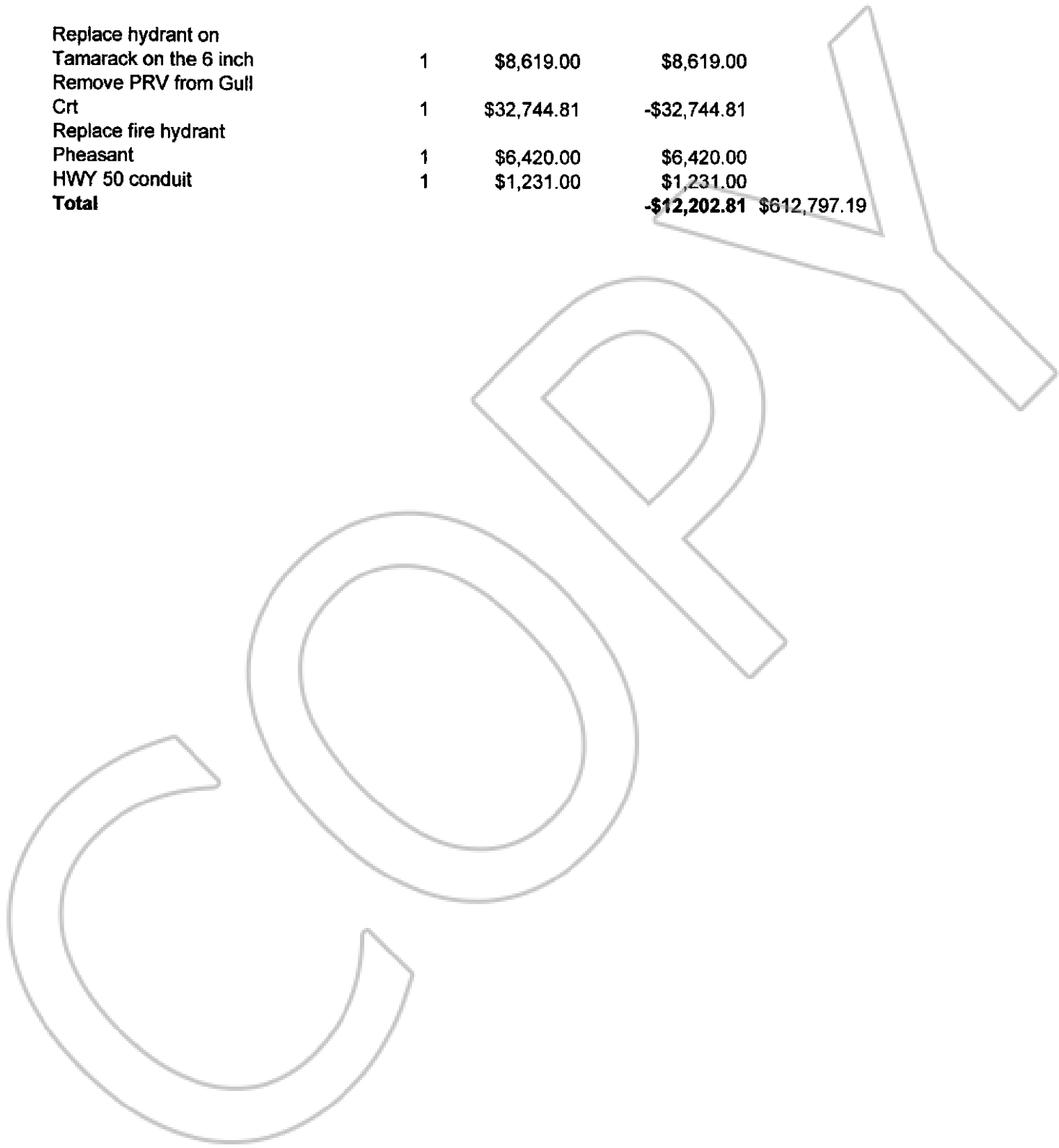
Electrical conduit on HWY 50 crossing-This item was requested by the utility department for future use.

PRV on Gull Crt-This item had to be removed from the job as it was a design flaw.





Item	Number	Cost Each	Total
Traffic rated lids	3	\$1,424.00	\$4,272.00
Replace hydrant on Tamarack on the 6 inch	1	\$8,619.00	\$8,619.00
Remove PRV from Gull Crt	1	\$32,744.81	-\$32,744.81
Replace fire hydrant Pheasant	1	\$6,420.00	\$6,420.00
HWY 50 conduit	1	\$1,231.00	\$1,231.00
Total			-\$12,202.81 \$612,797.19



Burdick Excavating Company
 11013 Cave Rock Water Systems Imp. 2A
 Ralph Kellogg

DIRECT COST REPORT

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 190										
Description = Iron Meter Pit Covers			Unit = EA	Takeoff Quan: 1.000			1.000	Engr Quan: 1.000		1.000
Traffic Covers for Meter Pits. Includes credit for non rated covers										
1901 Buy Cover Materials Quan: 1.00 EA Hrs/Shift: 10.00 Cal: 510 WC: NONE										
	4000 PSI Concre@107.1%	0.50	CY	136.000			73			73
	Short Load Char@107.1%	1.00	LS	150.000			161			161
	Manhole Frame &@107.1%	1.00	EA	378.000			405			405
	Credit for Mete@107.1%	1.00	EA	-66.250			-71			-71
\$567.37				[]			567			567
1902 Raise Manhole Quan: 1.00 EA Hrs/Shift: 10.00 Cal: 510 WC: NONE										
<u>MHRAIS</u>	Raising Manhole Frm&Lid /Box	4.00	CH		Prod: 4.0000 HU	Lab Pcs: 2.50		Eqp Pcs: 2.50		2.50
	IngersollRand Comprsr 1	1.00	4.00 HR	15.980				64		64
	Gradesetter P/U	0.50	2.00 HR	20.390				41		41
	All Wacker Compactors	1.00	4.00 HR	3.110				12		12
	Pipe Labor	2.00	8.00 MH	31.320	346					346
	Grade Setter	0.50	2.00 MH	48.040	133					133
\$596.44	10.0000 MH/EA		10.00 MH	[381.31]	479			117		596
====> Item Totals: 190 - ## Adding NON-ADDITIVE BIDITEM #####										
\$1,163.81	10.0000 MH/EA		10.00 MH	[381.31]	479	567		117		1,164
1,163.810	1 EA				479.30	567.37		117.14		1,163.81

	Cost	Allowed OHP %	OHP	Price
Labor	\$479	33%	\$158	\$637
Equipment	\$117	15%	\$ 18	\$135
Materials/Subs	\$567	15%	\$ 85	\$652
TOTAL				\$1,424

Price is per Each,
 \$1424*3=\$4272

Burdick Excavating Company
 11013 Cave Rock Water Systems Imp. 2A
 Ralph Kellogg

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DIRECT COST REPORT

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 196										
Description = Conduit at 50 Crossing			Unit =	LS	Takeoff Quan:		1.000	Engr Quan.		1.000
1961 Purchase Conduit Material										
			Quan:	1.00 LS	Hrs/Shift:	10.00	Cal:	510	WC:	NONE
	N9 Box 10-5/8x1@107.1%	2.00	EA	24.820				53		53
	B9 Bolt Down Li@107.1%	2.00	EA	19.090				41		41
	B9 Conc Ext 12"@107.1%	2.00	EA	19.390				42		42
	2x36x90 PVC DB1@107.1	2.00	EA	12.140				26		26
	2" DB120 Pvc Co@107.1%	140.00	LF	0.640				96		96
\$257.54				[]				258		258
1962 Install Conduit										
			Quan:	1.00 LS	Hrs/Shift:	10.00	Cal:	510	WC:	NONE
PLUMB	Mechanical Crew	4.00	CH		Prod:	0.0000	Lab Pcs:	2.50	Eqp Pcs:	1.50
	Cat BH426C 2000	0.50	2.00 HR	35.910				72		72
	Gradesetter P/U	1.00	4.00 HR	20.390				82		82
	Pipe Labor	1.00	4.00 MH	31.320	173					173
	Backhoe Operator	0.50	2.00 MH	47.260	131					131
	Grade Setter	1.00	4.00 MH	48.040	266					266
\$723.00	10.0000 MH/LS	10.00	MH	[453.16]	570			153		723
Item Totals: 196 - ## Adding NON-ADDITIVE BIDITEM #####										
\$980.54	10.0000 MH/LS	10.00	MH	[453.16]	570	258		153		981
\$980.540	1 LS				569.62	257.54		153.38		980.54
\$980.54	*** Report Totals ***		10.00	MH		570	258	153		981

	Cost	Allowed OHP %	OHP	Price
Labor	\$570	33%	\$188	\$758
Equipment	\$153	15%	\$ 23	\$176
Materials/Subs	\$258	15%	\$ 39	\$297
TOTAL				\$1,231

Burdick Excavating Company
 11013 Cave Rock Water Systems Imp. 2A
 Ralph Kellogg

DIRECT COST REPORT

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub-Contract	Total
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BID ITEM = 192

Description = Additional Hydrant w/ Hot Tap Unit = LS Takeoff Quan. 1.000 Engr Quan: 1.000
 Additional Hydrant on Tamarack Drive

210 Fire Hydrant Assy Quan: 1.00 EA Hrs/Shift: 10.00 Cal: 510 WC: NONE

INTERT	Intertie Crew	5.00 CH	Prod: 2.0000 US	Lab Pcs: 3.50	Eq Pcs: 1.50
	4000 PSI Concre@107.1%	1.00 CY	110.000	118	118
	Short Load Char@107.1%	1.00 LS	150.000	161	161
	TapMaster Hot Tap	1.00 EA	750.000		750 750
	Cat BH420 2004	1.00 5.00 HR	41.310		207 207
	Gradesetter P/U	0.50 2.50 HR	20.390		51 51
	Pipe Labor	2.00 10.00 MH	31.320	433	433
	Backhoe Operator	1.00 5.00 MH	47.260	327	327
	Grade Setter	0.50 2.50 MH	48.040	166	166
\$2,211.83	17.5000 MH/EA	17.50 MH	[736.56]	926 278	258 750 2,212

2101 Hydrant Parts Quan: 1.00 EA Hrs/Shift: 10.00 Cal: 510 WC: NONE

	DC825 Blue Debr@107.1%	1.00 EA	69.770	75	75
	6x1/8 FF SPPCO @107.1%	1.00 EA	11.750	13	13
	6-8 150 A307 T2@107.1%	1.00 EA	38.000	41	41
	G4 Conc Viv Box@107.1%	1.00 EA	47.510	51	51
	G4 Lid, Marked @107.1%	1.00 EA	27.840	30	30
	6DIP Blk Megalu@107.1%	2.00 EA	41.830	90	90
	6 MJ Gasket SSB@107.1%	2.00 EA	4.520	10	10
	3/4x4 T2000 Blu@107.1%	24.00 EA	5.100	131	131
	8x6 9.04-9.45 A@107.1%	1.00 EA	936.270	1,003	1,003
	6x18 Tyton Join@107.1%	18.00 LF	18.680	360	360
	8x20 SDR 35 PVC@107.1%	3.00 LF	5.220	17	17
	6 MJxFIG RW VLV@107.1%	1.00 EA	634.640	680	680
\$5,138.02	5' MJ NST Spec @107.1%	1.00 EA	2,464.630	2,640	2,640
			[]	5,138	5,138

Item Totals:	192	- ## Adding NON-ADDITIVE BIDITEM #####
\$7,349.85	17.5000 MH/LS	17.50 MH [736.56]
7,349.850	1 LS	925.85 5,416.48
		258 750 7,350
		257.52 750.00 7,349.85

	Cost	Allowed OHP %	OHP	Price
Labor	\$926	33%	\$306	\$1232
Equipment	\$258	15%	\$ 39	\$ 297
Materials/Subs	\$6166	15%	\$925	\$7090
TOTAL				\$8610

Burdick Excavating Company
 11013 Cave Rock Water Systems Imp. 2A
 Ralph Kellogg

DIRECT COST REPORT

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 193										
Description = Credit for Pressure Sustaining Valve			Unit = LS	Takeoff Quan.			1.000	Engr Quan:		1.000
Credit for elimination of Pressure Sustaining Valve Station at Gull Crt.										
1931	Credit per Schedule of Values			Quan: 1.00 LS	Hrs/Shft: 10.00		Cal: 510	WC: NONE		
	Credit, Per Schedule of Val	-1.00 LS		11,000.000			-11,000			-11,000
1932	Credit for Pipe Materials			Quan: 1.00 LS	Hrs/Shft: 10.00		Cal: 510	WC: NONE		
	Jensen, Special@107.1%	1.00 LS		540.000		578				578
	Jensen Vault@107.1%	-1.00 LS		13,424.000		-14,377				-14,377
	Western Nevada @107.1%	-1.00 LS		11,678.560		-12,508				-12,508
	Restock for Pi@107.1%	1.00 LS		1,883.500		2,017				2,017
	REstock Claval@107.1%	1.00 LS		2,375.770		2,544				2,544
	\$-21,744.82			[]		-21,745				-21,745
Item Totals: 193 - ## Adding NON-ADDITIVE BIDITEM #####										
	\$-32,744.82			[]		-21,745	-11,000			-32,745
	-32,744.819	1 LS				-21,744.81	-10,999.99			-32,744.81

Includes 40% Restocking fee for the Cla-Val \$2544
 Includes Piping fabricated for Valves \$2017
 Includes Jensen Engineering charge \$ 578

Burdick Excavating Company
11013 Cave Rock Water Systems Imp. 2A
Ralph Kellogg

DIRECT COST REPORT

Activity Resource	Desc	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Mat/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 195										
Description =		Replace Hydrant, Pheasant Lane		Unit =	LS	Takeoff Quan:	1.000	Engr Quan:	1.000	
210	Fire Hydrant Assy			Quan:	1.00 EA	Hrs/Shft:	10.00	Cal:	510	WC: NONE
<u>INTERT</u>	Intertie Crew		5.00 CH	Prod:	2.0000 US	Lab Pcs:	3.50	Eqp Pcs:	1.50	
	4000 PSI Concre@107.1%		1.00 CY		110.000		118			118
	Cat BH420 2004	1.00	5.00 HR		41.310			207		207
	Gradesetter P/U	0.50	2.50 HR		20.390			51		51
	Pipe Labor	2.00	10.00 MH		31.320	433				433
	Backhoe Operator	1.00	5.00 MH		47.260	327				327
	Grade Setter	0.50	2.50 MH		48.040	166				166
\$1,301.18		17.5000 MH/EA	17.50 MH	[736.56]	926	118		258		1,301
2101	Hydrant Parts			Quan:	1.00 EA	Hrs/Shft:	10.00	Cal:	510	WC: NONE
	DC825 Blue Debr@107.1%		1.00 EA		69.770		75			75
	6x1/8 FF SPPCO @107.1%		1.00 EA		11.750		13			13
	6-8 150 A307 T2@107.1%		1.00 EA		38.000		41			41
	G4 Conc Vlv Box@107.1%		1.00 EA		47.510		51			51
	G4 Lid, Marked @107.1%		1.00 EA		27.840		30			30
	6DIP Blk Megalu@107.1%		2.00 EA		41.830		90			90
	6 MJ Gasket SSB@107.1%		2.00 EA		4.520		10			10
	3/4x4 T2000 Blu@107.1%		24.00 EA		5.100		131			131
	6x18 Tyton Join@107.1%		18.00 LF		18.680		360			360
	8x20 SDR 35 PVC@107.1		3.00 LF		5.220		17			17
	6 MJxFIG RW VLV@107.1		1.00 EA		634.640		680			680
\$4,135.27			1.00 EA	2,464.630		2,640		4,135		4,135
				[]						
Item Totals: 195 - ## Adding NON-ADDITIVE BIDITEM #####										
\$5,436.45		17.5000 MH/LS	17.50 MH	[736.56]	926	4,253		258		5,436
5,436.450		1 LS			925.85	4,253.08		257.52		5,436.45

	Cost	Allowed OHP %	OHP	Price
Labor	\$926	33%	\$306	\$1232
Equipment	\$258	15%	\$ 39	\$ 297
Materials/Subs	\$4253	15%	\$638	\$4891
TOTAL				\$6420

CERTIFIED COPY

The document to which this certificate is attached is a full, true and correct copy of the original on file and on record in my office.

DATE: Sept 20 2011
 J. J. [Signature] Clerk of the 9th Judicial District Court
 of the State of Nevada, In and for the County of Douglas.
 By [Signature] Deputy