

CHANGE ORDER NO. 3

PROJECT: 15th Street Waterline Replacement (CI-15-001) **DATE OF ISSUANCE:** 12/03/2016

OWNER: City of Oregon City

BID ITEMS: Various

CONTRACTOR: Trench Line Excavation, Inc.

ENGINEER: RH2 Engineering, Inc.

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

Description: This change order covers the following items:

Approval of an increase in Contract amount for Extra Work and adjustment for the actual quantities of work performed per bid item price as described in the supporting documents.

Total Change Order: \$72,141.49

Documents Supporting Changes:

- (1) Summary of Addition Work and Adjustments in Bid Item Quantities
- (2) Change Proposal Price Breakdown

CHANGE IN CONTRACT PRICE:

Original Contract Price: \$1,239,480.00

CHANGE IN CONTRACT TIME:

Original Contract Time: 120 days

Previous Approved Change Orders: \$76,753.61

**Net Change Approved from Previous
Change Orders: 10 days**

Change Order Approved This Form: \$72,141.49

**Contract Time Prior to This Change
Order: 130 days**

**Total of Change Order(s) Approved this Form:
\$ 148,895.10**

**Contract Price with all Approved
Change Orders: \$1,388,375.10**

**Net Increase (Decrease) of This Change
Order: 0 days**

**Contract Time with All Approved Change
Orders: 130 days**

RECOMMENDED:

by _____
Engineer

APPROVED:

by _____
Owner

APPROVED:

by _____
Contractor

By signing this form, the Owner and the Contractor agree to release all claims to additional work or credit or delays, occurring prior to the Date of Issuance, which have not been identified in this Change Order form.

Change Order No. 3

Summary of Additional Work and Adjustments in Bid Item Quantities

		No Bid Item	Adjustments in Bid Item Quantities						
Item	Change	Subtotal	Bid Item #	Bid Item Description	Unit Price	Units	#	Subtotal	Total
1	Removal of Abandoned Pipe	\$ 850.98		-	\$ -			\$ -	\$ 850.98
2	Additional Work at PRV Station	\$ 2,549.54	25	PRV Vault and Assembly	\$ -			\$ -	\$ 2,549.54
2.1	Rock Wall & Additional Concrete at PRV Vault Area	\$ 1,223.99	25	-	\$ -			\$ -	\$ 1,223.99
2.2	Re-route Storm Piping at PRV Vault	\$ 1,325.55	25	-	\$ -			\$ -	\$ 1,325.55
3	12" Butterfly Valve @ STA 15+25	\$ -	21	12" Butterfly Valve w/ Joint Restraint	\$ 1,400.00	EA	1	\$ 1,400.00	\$ 1,400.00
4	8" Butterfly Valve @ Division St	\$ 1,641.02		-	\$ -			\$ -	\$ 1,641.02
5	Install 1" Services	\$ 374.00	23	1" Water Service Replacement and Connection w/PRV	\$ 4,000.00	EA	3.5	\$ 7,000.00	\$ 7,374.00
5.1	Install 1" Services @ Harrison St.	\$ 302.50	23	1" Water Service	\$ 2,000.00	EA	2	\$ 4,000.00	\$ 4,302.50
5.2	Remove and Plug 1" Service Lines Installed @ 40+25, 39+5	\$ 71.50	23	1" Water Service	\$ 2,000.00	EA	1.5	\$ 3,000.00	\$ 3,071.50
6	2" Water Service and 2" Backflow	\$ 1,222.60	24	2" Water Service Replacement and Connection w/PRV	\$ 4,600.00	EA	1	\$ 4,600.00	\$ 5,822.60
7	Sewer Conflict @ 4+60	\$ 345.82		-	\$ -			\$ -	\$ 345.82
8	Revised Connection @ Main St.	\$ 515.41	18	12" RJ DI Pipe w/Class B Backfill	\$ 105.00	LF	48	\$ 5,040.00	\$ 8,355.41
			21	12" Butterfly Valve w/ Joint Restraint	\$ 1,400.00	EA	2	\$ 2,800.00	
9	Additional Temp. Trench Resurfacing	\$ -	6	Temp. Trench Resurfacing, 2" Thick	\$ 15.00	SY	343	\$ 5,145.00	\$ 5,145.00
10	Additional Permanent Trench Resurfacing	\$ 62,937.12		-	\$ -			\$ -	\$ 62,937.12
11	Deducted Bid Items	\$ -	5	Rock Excavation	\$ 200.00	CY	29	\$ (5,800.00)	\$ (5,800.00)
			12	Extra Trench Excavation w/Class B Backfill	\$ 40.00	CY	212	\$ (8,480.00)	\$ (8,480.00)
			23	1" Water Service Replacement and Connection w/PRV	\$ 2,000.00	EA	5	\$ (10,000.00)	\$ (10,000.00)
Total Contract Change		\$ 70,436.49						\$ 1,705.00	\$ 72,141.49

Item	Description of Change
1	A conflict was encountered at Main St. and 15 th Street between the proposed waterline and an abandoned 6" waterline. The abandoned waterline was removed to facilitate pipe installation.
2	Additional work at PRV Vault was required to restore rockery wall, additional concrete work around vault lid, and re-routing unlocated storm pipe.
3	Additional 12" Butterfly Valve required at approximately STA 15+25 to allow for testing, chlorination and transferring services for the pipeline segment between Madison St. and Jackson St.
4	Additional 8" Butterfly Valve required due to shallow cover of existing connecting main at 15th St. and Division St. to allow for a hot-tap connection and avoid shut-down of water to the hospital.
5	Two additional 1" water service lines were required for Tax Lots 4800 and 5601 due to a discrepancy between asbuilt records and field conditions. Three 1" water service lines installed for Tax Lots 4200, 2200, and 2500 were removed and plugged.
6	A 2" water service and a 2" backflow device was required for Tax Lot 5500 instead of a 1" service as shown in the City GIS records.
7	Re-sawcutting for connection at 4+60 required due to conflict with existing sewer lateral.
8	Additional fittings and a manual air release valve were required to accommodate a conflict between the proposed waterline connection and an existing fiber optic duct at 15th St. and Main St. City also request two additional 12" butterfly valves at the connection for improved operation.
9	Additional temporary trench resurfacing required.
10	Additional final trench resurfacing required. Price is based on a renegotiated price per ton of asphalt installed in excess of the original contract amount.
11	Unutilized bid item quantities deducted from contract total.

ITEM #1

REMOVAL OF ABANDONED PIPE



33871 SE Eastgate Circle
Corvallis, Or. 97333

CCB # 105905

541.752.0481

541.752.5523

Change Proposal Price Breakdown

PROJECT: Oregon City 15th Street Waterline

DATE:

Project No.: CI-15-001

DESCRIPTION OF WORK: 15th & Main Removal of Abandoned 6" Water Line, Plug Ends.

LABOR	UNIT PRICE			TOTAL UNITS	TOTAL COST
Foreman	\$ 65.00	1		1	\$ 65.00
	\$ 97.50			0	\$ -
Operator	\$ 62.00	2		2	\$ 124.00
	\$ 93.00			0	\$ -
Laborer	\$ 58.00	2		2	\$ 116.00
	\$ 87.00			0	\$ -
Flagger	\$ 55.00	2		2	\$ 110.00
	\$ 82.50			0	\$ -

EQUIPMENT

Foreman Pick Up / Small Tools	\$ 17.50	1		1	\$ 17.50
Hand Compactor / Saws	\$ 10.00			0	\$ -
By-Pass Pumping, Plugging	\$ 25.00			0	\$ -
				0	\$ -
D3 Dozer	\$ 55.00			0	\$ -
D4 Dozer	\$ 68.00			0	\$ -
				0	\$ -
Backhoe	\$ 55.00			0	\$ -
Backhoe w/ HoPac or Hammer	\$ 65.00			0	\$ -
Skid Steer / Sweeper	\$ 55.00			0	\$ -
IT Loader	\$ 75.00	1		1	\$ 75.00
				0	\$ -
Mini Excavator - 12k	\$ 65.00			0	\$ -
Mini Exc w/ Breaker - 12k	\$ 90.00			0	\$ -
308 Excavator	\$ 85.00	1		1	\$ 85.00
160 Exc w/ hoe-pack	\$ 125.00			0	\$ -
320 Excavator	\$ 125.00			0	\$ -
160 Excavator	\$ 105.00			0	\$ -
160 Exc w/ Breaker	\$ 185.00			0	\$ -

200 Excavator	\$ 115.00			0	\$ -
400 Excavator				0	\$ -
				0	\$ -
Grader				0	\$ -
Mini Double Drum Roller	\$ 35.00			0	\$ -
Smooth Drum Roller	\$ 57.00			0	\$ -
Pad Drum Roller	\$ 62.00			0	\$ -
615 Scraper				0	\$ -
Water Truck				0	\$ -
				0	\$ -
End Dump Trucks (2)	\$ 95.00	1		1	\$ 95.00
Truck & Tilt Deck Trailer (320 Mobe)	\$ 115.00			0	\$ -
				0	\$ -
Shoring (2) 8' x 20' Boxes	\$ 669.00			0	\$ -
Shoring Delivery & Pick-up	\$ 330.00			0	\$ -

0

MATERIALS

0

				0	
Jet Set, per Bag	\$ 19.74	3		3	\$ 59.22
Dump Fee, per yard	\$ 3.50	10		10	\$ 35.00
				0	

0

SUBCONTRACTS

0

				0	\$ -
				0	\$ -
				0	\$ -
				0	\$ -
				0	\$ -

ASPHALT PRICING @ BID PRICING

					\$ -
					\$ -

TOTALS

	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 415.00	10%	\$ 41.50	\$ 456.50
Equipment	\$ 272.50	5%	\$ 13.63	\$ 286.13
Materials	\$ 94.22	15%	\$ 14.13	\$ 108.35
Subcontracts	\$ -	15%	\$ -	\$ -
Asphalt	\$ -	0%	\$ -	\$ -

TOTAL PRICE	\$ 850.98
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ITEM #2

ADDITIONAL WORK AT PRV STATION



33871 SE Eastgate Circle
Corvallis, Or. 97333

CCB # 105905

541.752.0481

541.752.5523

Change Proposal Price Breakdown

PROJECT: Oregon City 15th Street Waterline

DATE: 9/28/2016

Project No.: CI-15-001

DESCRIPTION OF WORK: Re-Route Storm Piping @ PRV

LABOR	UNIT PRICE			TOTAL UNITS	TOTAL COST
Foreman	\$ 65.00	3		3	\$ 195.00
	\$ 97.50			0	\$ -
Operator	\$ 62.00	6		6	\$ 372.00
	\$ 93.00			0	\$ -
Laborer	\$ 58.00	6		6	\$ 348.00
	\$ 87.00			0	\$ -
Flagger	\$ 55.00			0	\$ -
	\$ 82.50			0	\$ -

EQUIPMENT

Foreman Pick Up / Small Tools	\$ 17.50	3		3	\$ 52.50
Hand Compactor / Saws	\$ 10.00			0	\$ -
By-Pass Pumping, Plugging	\$ 25.00			0	\$ -
				0	\$ -
D3 Dozer	\$ 55.00			0	\$ -
D4 Dozer	\$ 68.00			0	\$ -
				0	\$ -
Backhoe	\$ 55.00			0	\$ -
Backhoe w/ HoPac or Hammer	\$ 65.00			0	\$ -
Skid Steer / Sweeper	\$ 55.00			0	\$ -
IT Loader	\$ 75.00			0	\$ -
				0	\$ -
Mini Excavator - 12k	\$ 65.00			0	\$ -
Mini Exc w/ Breaker - 12k	\$ 90.00			0	\$ -
308 Excavator	\$ 85.00			0	\$ -
160 Exc w/ hoe-pack	\$ 125.00			0	\$ -
320 Excavator	\$ 125.00			0	\$ -
160 Excavator	\$ 105.00			0	\$ -
160 Exc w/ Breaker	\$ 185.00			0	\$ -

200 Excavator	\$ 115.00			0	\$ -
400 Excavator				0	\$ -
				0	\$ -
Grader				0	\$ -
Mini Double Drum Roller	\$ 35.00			0	\$ -
Smooth Drum Roller	\$ 57.00			0	\$ -
Pad Drum Roller	\$ 62.00			0	\$ -
615 Scraper				0	\$ -
Vac Truck	\$ 110.00			0	\$ -
				0	\$ -
End Dump Trucks (2)	\$ 95.00			0	\$ -
Truck & Tilt Deck Trailer (320 Mobe)	\$ 115.00			0	\$ -
				0	\$ -
Shoring (2) 8' x 20' Boxes	\$ 669.00			0	\$ -
Shoring Delivery & Pick-up	\$ 330.00			0	\$ -

MATERIALS

					\$ -
6" Storm Pipe	\$ 1.75	50		50	\$ 87.50
Ferncos	\$ 15.00	2		2	\$ 30.00
6" 45's	\$ 28.00	4		4	\$ 112.00
					\$ -

SUBCONTRACTS

					\$ -
					\$ -

BID PRICING

					\$ -
					\$ -

TOTALS

	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 915.00	10%	\$ 91.50	\$ 1,006.50
Equipment	\$ 52.50	5%	\$ 2.63	\$ 55.13
Materials	\$ 229.50	15%	\$ 34.43	\$ 263.93
Subcontracts	\$ -	15%	\$ -	\$ -
Water Service	\$ -	0%	\$ -	\$ -

TOTAL PRICE	\$ 1,325.55
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33871 SE Eastgate Circle
Corvallis, Or. 97333

CCB # 105905

541.752.0481

541.752.5523

Change Proposal Price Breakdown

PROJECT: Oregon City 15th Street Waterline

DATE: 9/28/2016

Project No.: CI-15-001

DESCRIPTION OF WORK: Rock Wall & Additional Concrete at PRV Vault Area

LABOR	UNIT PRICE			TOTAL UNITS	TOTAL COST
Foreman	\$ 65.00	2		2	\$ 130.00
	\$ 97.50			0	\$ -
Operator	\$ 62.00	3		3	\$ 186.00
	\$ 93.00			0	\$ -
Laborer	\$ 58.00	3		3	\$ 174.00
	\$ 87.00			0	\$ -
Flagger	\$ 55.00			0	\$ -
	\$ 82.50			0	\$ -

EQUIPMENT

Foreman Pick Up / Small Tools	\$ 17.50			0	\$ -
Hand Compactor / Saws	\$ 10.00			0	\$ -
By-Pass Pumping, Plugging	\$ 25.00			0	\$ -
				0	\$ -
D3 Dozer	\$ 55.00			0	\$ -
D4 Dozer	\$ 68.00			0	\$ -
				0	\$ -
Backhoe	\$ 55.00			0	\$ -
Backhoe w/ HoPac or Hammer	\$ 65.00			0	\$ -
Skid Steer / Sweeper	\$ 55.00			0	\$ -
IT Loader	\$ 75.00	2		2	\$ 150.00
				0	\$ -
Mini Excavator - 12k	\$ 65.00			0	\$ -
Mini Exc w/ Breaker - 12k	\$ 90.00			0	\$ -
308 Excavator	\$ 85.00	3		3	\$ 255.00
160 Exc w/ hoe-pack	\$ 125.00			0	\$ -
320 Excavator	\$ 125.00			0	\$ -
160 Excavator	\$ 105.00			0	\$ -
160 Exc w/ Breaker	\$ 185.00			0	\$ -

200 Excavator	\$ 115.00			0	\$ -
400 Excavator				0	\$ -
				0	\$ -
Grader				0	\$ -
Mini Double Drum Roller	\$ 35.00			0	\$ -
Smooth Drum Roller	\$ 57.00			0	\$ -
Pad Drum Roller	\$ 62.00			0	\$ -
615 Scraper				0	\$ -
Vac Truck	\$ 110.00			0	\$ -
				0	\$ -
End Dump Trucks (2)	\$ 95.00			0	\$ -
Truck & Tilt Deck Trailer (320 Mobe)	\$ 115.00			0	\$ -
				0	\$ -
Shoring (2) 8' x 20' Boxes	\$ 669.00			0	\$ -
Shoring Delivery & Pick-up	\$ 330.00			0	\$ -

MATERIALS

					\$ -
					\$ -

SUBCONTRACTS

Concrete Finishing	\$ 6.50	37		37	\$ 240.50
				0	\$ -
				0	\$ -

BID PRICING

					\$ -
					\$ -

TOTALS

	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 490.00	10%	\$ 49.00	\$ 539.00
Equipment	\$ 405.00	5%	\$ 20.25	\$ 425.25
Materials	\$ -	15%	\$ -	\$ -
Subcontracts	\$ 240.50	8%	\$ 19.24	\$ 259.74
Water Service	\$ -	0%	\$ -	\$ -

TOTAL PRICE	\$ 1,223.99
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ITEM #3

12" BUTTERFLY VALVE @ STA 15+25



33871 SE Eastgate Circle
Corvallis, Or. 97333

CCB # 105905

541.752.0481

541.752.5523

Change Proposal Price Breakdown

PROJECT: Oregon City 15th Street Waterline

DATE: 9/28/2016

Project No.: CI-15-001

DESCRIPTION OF WORK: Extra 12" BFV @ 15+25

LABOR	UNIT PRICE			TOTAL UNITS	TOTAL COST
Foreman	\$ 65.00			0	\$ -
	\$ 97.50			0	\$ -
Operator	\$ 62.00			0	\$ -
	\$ 93.00			0	\$ -
Laborer	\$ 58.00			0	\$ -
	\$ 87.00			0	\$ -
Flagger	\$ 55.00			0	\$ -
	\$ 82.50			0	\$ -

0

EQUIPMENT

0

Foreman Pick Up / Small Tools	\$ 17.50			0	\$ -
Hand Compactor / Saws	\$ 10.00			0	\$ -
By-Pass Pumping, Plugging	\$ 25.00			0	\$ -
				0	\$ -
D3 Dozer	\$ 55.00			0	\$ -
D4 Dozer	\$ 68.00			0	\$ -
				0	\$ -
Backhoe	\$ 55.00			0	\$ -
Backhoe w/ HoPac or Hammer	\$ 65.00			0	\$ -
Skid Steer / Sweeper	\$ 55.00			0	\$ -
IT Loader	\$ 75.00			0	\$ -
				0	\$ -
Mini Excavator - 12k	\$ 65.00			0	\$ -
Mini Exc w/ Breaker - 12k	\$ 90.00			0	\$ -
308 Excavator	\$ 85.00			0	\$ -
160 Exc w/ hoe-pack	\$ 125.00			0	\$ -
320 Excavator	\$ 125.00			0	\$ -
160 Excavator	\$ 105.00			0	\$ -
160 Exc w/ Breaker	\$ 185.00			0	\$ -

200 Excavator	\$ 115.00			0	\$ -
400 Excavator				0	\$ -
				0	\$ -
Grader				0	\$ -
Mini Double Drum Roller	\$ 35.00			0	\$ -
Smooth Drum Roller	\$ 57.00			0	\$ -
Pad Drum Roller	\$ 62.00			0	\$ -
615 Scraper				0	\$ -
Vac Truck	\$ 110.00			0	\$ -
				0	\$ -
End Dump Trucks (2)	\$ 95.00			0	\$ -
Truck & Tilt Deck Trailer (320 Mobe)	\$ 115.00			0	\$ -
				0	\$ -
Shoring (2) 8' x 20' Boxes	\$ 669.00			0	\$ -
Shoring Delivery & Pick-up	\$ 330.00			0	\$ -

0 \$ -

MATERIALS

0 \$ -

					\$ -
					\$ -
					\$ -

SUBCONTRACTS

					\$ -
					\$ -

BID PRICING

12" BFV	\$ 1,400.00	1		1	\$ 1,400.00
					\$ -

TOTALS

	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ -	10%	\$ -	\$ -
Equipment	\$ -	5%	\$ -	\$ -
Materials	\$ -	15%	\$ -	\$ -
Subcontracts	\$ -	15%	\$ -	\$ -
Bid Item	\$ 1,400.00	0%	\$ -	\$ 1,400.00

TOTAL PRICE \$ 1,400.00

ITEM #4

8" BUTTERFLY VALVE @ DIVISION ST.



33871 SE Eastgate Circle
Corvallis, Or. 97333

CCB # 105905

541.752.0481

541.752.5523

Change Proposal Price Breakdown

PROJECT: Oregon City 15th Street Waterline

DATE: 9/28/2016

Project No.: CI-15-001

DESCRIPTION OF WORK: Add a Butterfly Valve on Division to accommodate shallow bury at tie-in

LABOR	UNIT PRICE			TOTAL UNITS	TOTAL COST
Foreman	\$ 65.00	2		2	\$ 130.00
	\$ 97.50			0	\$ -
Operator	\$ 62.00	4		4	\$ 248.00
	\$ 93.00			0	\$ -
Laborer	\$ 58.00	4		4	\$ 232.00
	\$ 87.00			0	\$ -
Flagger	\$ 55.00			0	\$ -
	\$ 82.50			0	\$ -

0

EQUIPMENT

0

Foreman Pick Up / Small Tools	\$ 17.50	1		1	\$ 17.50
Hand Compactor / Saws	\$ 10.00			0	\$ -
By-Pass Pumping, Plugging	\$ 25.00			0	\$ -
				0	\$ -
D3 Dozer	\$ 55.00			0	\$ -
D4 Dozer	\$ 68.00			0	\$ -
				0	\$ -
Backhoe	\$ 55.00			0	\$ -
Backhoe w/ HoPac or Hammer	\$ 65.00			0	\$ -
Skid Steer / Sweeper	\$ 55.00			0	\$ -
IT Loader	\$ 75.00			0	\$ -
				0	\$ -
Mini Excavator - 12k	\$ 65.00			0	\$ -
Mini Exc w/ Breaker - 12k	\$ 90.00			0	\$ -
308 Excavator	\$ 85.00			0	\$ -
160 Exc w/ hoe-pack	\$ 125.00			0	\$ -
320 Excavator	\$ 125.00			0	\$ -
160 Excavator	\$ 105.00			0	\$ -
160 Exc w/ Breaker	\$ 185.00			0	\$ -

200 Excavator	\$ 115.00			0	\$ -
400 Excavator				0	\$ -
				0	\$ -
Grader				0	\$ -
Mini Double Drum Roller	\$ 35.00			0	\$ -
Smooth Drum Roller	\$ 57.00			0	\$ -
Pad Drum Roller	\$ 62.00			0	\$ -
615 Scraper				0	\$ -
Vac Truck	\$ 110.00			0	\$ -
				0	\$ -
End Dump Trucks (2)	\$ 95.00			0	\$ -
Truck & Tilt Deck Trailer (320 Mobe)	\$ 115.00			0	\$ -
				0	\$ -
Shoring (2) 8' x 20' Boxes	\$ 669.00			0	\$ -
Shoring Delivery & Pick-up	\$ 330.00			0	\$ -

MATERIALS

					\$ -
8" Butterfly Valve	\$ 722.00	1		1	\$ 722.00
8" Megalugs	\$ 52.76	2		2	\$ 105.52
					\$ -
					\$ -

SUBCONTRACTS

					\$ -
					\$ -
					\$ -

BID PRICING

					\$ -
					\$ -

TOTALS

	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 610.00	10%	\$ 61.00	\$ 671.00
Equipment	\$ 17.50	5%	\$ 0.88	\$ 18.38
Materials	\$ 827.52	15%	\$ 124.13	\$ 951.65
Subcontracts	\$ -	15%	\$ -	\$ -
Water Service	\$ -	0%	\$ -	\$ -

TOTAL PRICE	\$ 1,641.02
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ITEM #5

INSTALL 1" SERVICES



33871 SE Eastgate Circle
Corvallis, Or. 97333

CCB # 105905

541.752.0481

541.752.5523

Change Proposal Price Breakdown

PROJECT: Oregon City 15th Street Waterline

DATE: 9/28/2016

Project No.: CI-15-001

DESCRIPTION OF WORK: Install 1" services at 15th and Harrison. Includes Potholing and Verifying existing tap location.

LABOR	UNIT PRICE			TOTAL UNITS	TOTAL COST
Foreman	\$ 65.00	1		1	\$ 65.00
	\$ 97.50			0	\$ -
Operator	\$ 62.00			0	\$ -
	\$ 93.00			0	\$ -
Laborer	\$ 58.00			0	\$ -
	\$ 87.00			0	\$ -
Flagger	\$ 55.00			0	\$ -
	\$ 82.50			0	\$ -

EQUIPMENT

Foreman Pick Up / Small Tools	\$ 17.50			0	\$ -
Hand Compactor / Saws	\$ 10.00			0	\$ -
By-Pass Pumping, Plugging	\$ 25.00			0	\$ -
				0	\$ -
D3 Dozer	\$ 55.00			0	\$ -
D4 Dozer	\$ 68.00			0	\$ -
				0	\$ -
Backhoe	\$ 55.00			0	\$ -
Backhoe w/ HoPac or Hammer	\$ 65.00			0	\$ -
Skid Steer / Sweeper	\$ 55.00			0	\$ -
IT Loader	\$ 75.00			0	\$ -
				0	\$ -
Mini Excavator - 12k	\$ 65.00			0	\$ -
Mini Exc w/ Breaker - 12k	\$ 90.00			0	\$ -
308 Excavator	\$ 85.00			0	\$ -
160 Exc w/ hoe-pack	\$ 125.00			0	\$ -
320 Excavator	\$ 125.00			0	\$ -
160 Excavator	\$ 105.00			0	\$ -
160 Exc w/ Breaker	\$ 185.00			0	\$ -

200 Excavator	\$ 115.00			0	\$ -
400 Excavator				0	\$ -
				0	\$ -
Grader				0	\$ -
Mini Double Drum Roller	\$ 35.00			0	\$ -
Smooth Drum Roller	\$ 57.00			0	\$ -
Pad Drum Roller	\$ 62.00			0	\$ -
615 Scraper				0	\$ -
Vac Truck	\$ 110.00	2		2	\$ 220.00
				0	\$ -
End Dump Trucks (2)	\$ 95.00			0	\$ -
Truck & Tilt Deck Trailer (320 Mobe)	\$ 115.00			0	\$ -
				0	\$ -
Shoring (2) 8' x 20' Boxes	\$ 669.00			0	\$ -
Shoring Delivery & Pick-up	\$ 330.00			0	\$ -

MATERIALS

					\$ -
					\$ -
					\$ -

SUBCONTRACTS

				0	\$ -
				0	\$ -
				0	\$ -

BID PRICING

#23 - 1" Water Services (@ 1/2 Rate)	\$ 2,000.00	2		2	\$ 4,000.00
				0	\$ -

TOTALS

	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 65.00	10%	\$ 6.50	\$ 71.50
Equipment	\$ 220.00	5%	\$ 11.00	\$ 231.00
Materials	\$ -	15%	\$ -	\$ -
Subcontracts	\$ -	15%	\$ -	\$ -
Water Service	\$ 4,000.00	0%	\$ -	\$ 4,000.00

TOTAL PRICE	\$ 4,302.50
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33871 SE Eastgate Circle
Corvallis, Or. 97333

CCB # 105905

541.752.0481

541.752.5523

Change Proposal Price Breakdown

PROJECT: Oregon City 15th Street Waterline

DATE: 9/28/2016

Project No.: CI-15-001

DESCRIPTION OF WORK: Remove & Plug 1" Service lines installed

At Stations 40+25, 39+50, 37+60

LABOR	UNIT PRICE			TOTAL UNITS	TOTAL COST
Foreman	\$ 65.00	1		1	\$ 65.00
	\$ 97.50			0	\$ -
Operator	\$ 62.00			0	\$ -
	\$ 93.00			0	\$ -
Laborer	\$ 58.00			0	\$ -
	\$ 87.00			0	\$ -
Flagger	\$ 55.00			0	\$ -
	\$ 82.50			0	\$ -
EQUIPMENT					
Foreman Pick Up / Small Tools	\$ 17.50			0	\$ -
Hand Compactor / Saws	\$ 10.00			0	\$ -
By-Pass Pumping, Plugging	\$ 25.00			0	\$ -
				0	\$ -
D3 Dozer	\$ 55.00			0	\$ -
D4 Dozer	\$ 68.00			0	\$ -
				0	\$ -
Backhoe	\$ 55.00			0	\$ -
Backhoe w/ HoPac or Hammer	\$ 65.00			0	\$ -
Skid Steer / Sweeper	\$ 55.00			0	\$ -
IT Loader	\$ 75.00			0	\$ -
				0	\$ -
Mini Excavator - 12k	\$ 65.00			0	\$ -
Mini Exc w/ Breaker - 12k	\$ 90.00			0	\$ -
308 Excavator	\$ 85.00			0	\$ -
160 Exc w/ hoe-pack	\$ 125.00			0	\$ -
320 Excavator	\$ 125.00			0	\$ -
160 Excavator	\$ 105.00			0	\$ -
160 Exc w/ Breaker	\$ 185.00			0	\$ -

200 Excavator	\$ 115.00			0	\$ -
400 Excavator				0	\$ -
				0	\$ -
Grader				0	\$ -
Mini Double Drum Roller	\$ 35.00			0	\$ -
Smooth Drum Roller	\$ 57.00			0	\$ -
Pad Drum Roller	\$ 62.00			0	\$ -
615 Scraper				0	\$ -
Water Truck				0	\$ -
				0	\$ -
End Dump Trucks (2)	\$ 95.00			0	\$ -
Truck & Tilt Deck Trailer (320 Mobe)	\$ 115.00			0	\$ -
				0	\$ -
Shoring (2) 8' x 20' Boxes	\$ 669.00			0	\$ -
Shoring Delivery & Pick-up	\$ 330.00			0	\$ -

MATERIALS

					\$ -
					\$ -
					\$ -

SUBCONTRACTS

Plumber	\$ 100.00	0		0	\$ -
				0	\$ -

BID PRICING

#23 - 1" Water Services (@ 1/2 Rate)	\$ 1,000.00	3		3	\$ 3,000.00

TOTALS

	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 65.00	10%	\$ 6.50	\$ 71.50
Equipment	\$ -	5%	\$ -	\$ -
Materials	\$ -	15%	\$ -	\$ -
Subcontracts	\$ -	15%	\$ -	\$ -
Water Service	\$ 3,000.00	0%	\$ -	\$ 3,000.00

TOTAL PRICE	\$ 3,071.50
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ITEM #6

2" WATER SERVICE AND 2" BACKFLOW



33871 SE Eastgate Circle
Corvallis, Or. 97333

CCB # 105905

541.752.0481

541.752.5523

Change Proposal Price Breakdown

PROJECT: Oregon City 15th Street Waterline

DATE: 9/28/2016

Project No.: CI-15-001

DESCRIPTION OF WORK: Upsize to 2" Water Service @ 16+15 and add 2" Backflow Device

LABOR	UNIT PRICE			TOTAL UNITS	TOTAL COST
Foreman	\$ 65.00	1		1	\$ 65.00
	\$ 97.50			0	\$ -
Operator	\$ 62.00			0	\$ -
	\$ 93.00			0	\$ -
Laborer	\$ 58.00			0	\$ -
	\$ 87.00			0	\$ -
Flagger	\$ 55.00			0	\$ -
	\$ 82.50			0	\$ -
EQUIPMENT					
Foreman Pick Up / Small Tools	\$ 17.50			0	\$ -
Hand Compactor / Saws	\$ 10.00			0	\$ -
By-Pass Pumping, Plugging	\$ 25.00			0	\$ -
				0	\$ -
D3 Dozer	\$ 55.00			0	\$ -
D4 Dozer	\$ 68.00			0	\$ -
				0	\$ -
Backhoe	\$ 55.00			0	\$ -
Backhoe w/ HoPac or Hammer	\$ 65.00			0	\$ -
Skid Steer / Sweeper	\$ 55.00			0	\$ -
IT Loader	\$ 75.00			0	\$ -
				0	\$ -
Mini Excavator - 12k	\$ 65.00			0	\$ -
Mini Exc w/ Breaker - 12k	\$ 90.00			0	\$ -
308 Excavator	\$ 85.00			0	\$ -
160 Exc w/ hoe-pack	\$ 125.00			0	\$ -
320 Excavator	\$ 125.00			0	\$ -
160 Excavator	\$ 105.00			0	\$ -
160 Exc w/ Breaker	\$ 185.00			0	\$ -

200 Excavator	\$ 115.00			0	\$ -
400 Excavator				0	\$ -
				0	\$ -
Grader				0	\$ -
Mini Double Drum Roller	\$ 35.00			0	\$ -
Smooth Drum Roller	\$ 57.00			0	\$ -
Pad Drum Roller	\$ 62.00			0	\$ -
615 Scraper				0	\$ -
Water Truck				0	\$ -
				0	\$ -
End Dump Trucks (2)	\$ 95.00			0	\$ -
Truck & Tilt Deck Trailer (320 Mobe)	\$ 115.00			0	\$ -
				0	\$ -
Shoring (2) 8' x 20' Boxes	\$ 669.00			0	\$ -
Shoring Delivery & Pick-up	\$ 330.00			0	\$ -

MATERIALS

					\$ -
Backflow Device (2")	\$ 562.00	1		1	\$ 562.00
Additional Meterbox for Backflow	\$ 345.04	1		1	\$ 345.04

SUBCONTRACTS

Plumber	\$ 100.00	1		1	\$ 100.00
				0	\$ -
				0	\$ -
				0	\$ -

BID PRICING

#24 - 2" Water Service	\$ 4,600.00	1		1	\$ 4,600.00

TOTALS

	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 65.00	10%	\$ 6.50	\$ 71.50
Equipment	\$ -	5%	\$ -	\$ -
Materials	\$ 907.04	15%	\$ 136.06	\$ 1,043.10
Subcontracts	\$ 100.00	8%	\$ 8.00	\$ 108.00
Water Service	\$ 4,600.00	0%	\$ -	\$ 4,600.00

TOTAL PRICE	\$ 5,822.60
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ITEM #7

SEWER CONFLICT @ STA 4+60



33871 SE Eastgate Circle
Corvallis, Or. 97333

CCB # 105905

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Change Proposal Price Breakdown

PROJECT: Oregon City 15th Street Waterline

DATE: 9/28/2016

Project No.: CI-15-001

DESCRIPTION OF WORK: Sewer Conflict @ 4+60

LABOR	UNIT PRICE			TOTAL UNITS	TOTAL COST
Foreman	\$ 65.00	1		1	\$ 65.00
	\$ 97.50			0	\$ -
Operator	\$ 62.00			0	\$ -
	\$ 93.00			0	\$ -
Laborer	\$ 58.00			0	\$ -
	\$ 87.00			0	\$ -
Flagger	\$ 55.00			0	\$ -
	\$ 82.50			0	\$ -
EQUIPMENT					
Foreman Pick Up / Small Tools	\$ 17.50			0	\$ -
Hand Compactor / Saws	\$ 10.00			0	\$ -
By-Pass Pumping, Plugging	\$ 25.00			0	\$ -
				0	\$ -
D3 Dozer	\$ 55.00			0	\$ -
D4 Dozer	\$ 68.00			0	\$ -
				0	\$ -
Backhoe	\$ 55.00			0	\$ -
Backhoe w/ HoPac or Hammer	\$ 65.00			0	\$ -
Skid Steer / Sweeper	\$ 55.00			0	\$ -
IT Loader	\$ 75.00			0	\$ -
				0	\$ -
Mini Excavator - 12k	\$ 65.00			0	\$ -
Mini Exc w/ Breaker - 12k	\$ 90.00			0	\$ -
308 Excavator	\$ 85.00			0	\$ -
160 Exc w/ hoe-pack	\$ 125.00			0	\$ -
320 Excavator	\$ 125.00			0	\$ -
160 Excavator	\$ 105.00			0	\$ -
160 Exc w/ Breaker	\$ 185.00			0	\$ -

200 Excavator	\$ 115.00			0	\$ -
400 Excavator				0	\$ -
				0	\$ -
Grader				0	\$ -
Mini Double Drum Roller	\$ 35.00			0	\$ -
Smooth Drum Roller	\$ 57.00			0	\$ -
Pad Drum Roller	\$ 62.00			0	\$ -
615 Scraper				0	\$ -
Water Truck				0	\$ -
				0	\$ -
End Dump Trucks (2)	\$ 95.00			0	\$ -
Truck & Tilt Deck Trailer (320 Mobe)	\$ 115.00			0	\$ -
				0	\$ -
Shoring (2) 8' x 20' Boxes	\$ 669.00			0	\$ -
Shoring Delivery & Pick-up	\$ 330.00			0	\$ -

MATERIALS

					\$ -
					\$ -
					\$ -
					\$ -

SUBCONTRACTS

Saw Cut	\$ 0.90	60		60	\$ 54.00
Saw Cut Mobe Fee	\$ 200.00	1		1	\$ 200.00
				0	\$ -
				0	\$ -

				0	\$ -
				0	\$ -

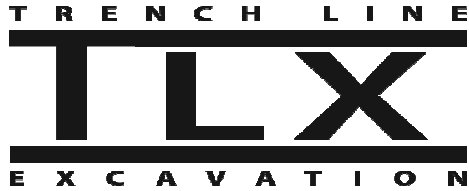
TOTALS

	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 65.00	10%	\$ 6.50	\$ 71.50
Equipment	\$ -	5%	\$ -	\$ -
Materials	\$ -	15%	\$ -	\$ -
Subcontracts	\$ 254.00	8%	\$ 20.32	\$ 274.32
Asphalt	\$ -	0%	\$ -	\$ -

TOTAL PRICE	\$ 345.82
--------------------	------------------

ITEM #8

REVISED CONNECTION @ MAIN ST.



33871 SE Eastgate Circle
Corvallis, Or. 97333

CCB # 105905
541.752.0481
541.752.5523

Change Proposal Price Breakdown

PROJECT: Oregon City 15th Street Waterline

DATE: 9/28/2016

Project No.: CI-15-001

DESCRIPTION OF WORK: Fiber Optic Duct encountered, new detail drawing provided to route around, including ARV. Fittings billed per ODOT method using pipe footage.

LABOR	UNIT PRICE	Fittings	ARV	TOTAL UNITS	TOTAL COST
Foreman	\$ 65.00		1	1	\$ 65.00
	\$ 97.50			0	\$ -
Operator	\$ 62.00		2	2	\$ 124.00
	\$ 93.00			0	\$ -
Laborer	\$ 58.00		2	2	\$ 116.00
	\$ 87.00			0	\$ -
Flagger	\$ 55.00			0	\$ -
	\$ 82.50			0	\$ -

0

EQUIPMENT

0

Foreman Pick Up / Small Tools	\$ 17.50			0	\$ -
Hand Compactor / Saws	\$ 10.00			0	\$ -
By-Pass Pumping, Plugging	\$ 25.00			0	\$ -
				0	\$ -
D3 Dozer	\$ 55.00			0	\$ -
D4 Dozer	\$ 68.00			0	\$ -
				0	\$ -
Backhoe	\$ 55.00			0	\$ -
Backhoe w/ HoPac or Hammer	\$ 65.00			0	\$ -
Skid Steer / Sweeper	\$ 55.00			0	\$ -
IT Loader	\$ 75.00			0	\$ -
				0	\$ -
Mini Excavator - 12k	\$ 65.00			0	\$ -
Mini Exc w/ Breaker - 12k	\$ 90.00			0	\$ -
308 Excavator	\$ 85.00			0	\$ -
160 Exc w/ hoe-pack	\$ 125.00			0	\$ -
320 Excavator	\$ 125.00			0	\$ -
160 Excavator	\$ 105.00			0	\$ -
160 Exc w/ Breaker	\$ 185.00			0	\$ -
200 Excavator	\$ 115.00			0	\$ -

400 Excavator				0	\$ -
				0	\$ -
Grader				0	\$ -
Mini Double Drum Roller	\$ 35.00			0	\$ -
Smooth Drum Roller	\$ 57.00			0	\$ -
Pad Drum Roller	\$ 62.00			0	\$ -
615 Scraper				0	\$ -
Water Truck				0	\$ -
				0	\$ -
End Dump Trucks (2)	\$ 95.00			0	\$ -
Truck & Tilt Deck Trailer (320 Mobe)	\$ 115.00			0	\$ -
				0	\$ -
Shoring (2) 8' x 20' Boxes	\$ 669.00			0	\$ -
Shoring Delivery & Pick-up	\$ 330.00			0	\$ -

MATERIALS

1" Corp	\$ 52.45		1	1	\$ 52.45
1" Angle Stop	\$ 52.99		1	1	\$ 52.99
Valve Box & Lid	\$ 51.00		1	1	\$ 51.00

SUBCONTRACTS

				0	\$ -
				0	\$ -

BID ITEM PRICING

12" DI PIPE	\$ 105.00	48		48	\$ 5,040.00
12" BFV	\$ 1,400.00	2		2	\$ 2,800.00

TOTALS

	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 305.00	10%	\$ 30.50	\$ 335.50
Equipment	\$ -	5%	\$ -	\$ -
Materials	\$ 156.44	15%	\$ 23.47	\$ 179.91
Subcontracts	\$ -	15%	\$ -	\$ -
Bid Item	\$ 7,840.00	0%	\$ -	\$ 7,840.00

TOTAL PRICE	\$ 8,355.41
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ITEM #9

ADDITIONAL TRENCH RESURFACING



33871 SE Eastgate Circle
Corvallis, Or. 97333

CCB # 105905

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541.752.5523

Change Proposal Price Breakdown

PROJECT: Oregon City 15th Street Water Line

DATE: 11/28/2016

Project No.: CI-15-001

DESCRIPTION OF WORK: Additional 2" Temporary Paving as field-measured.

Bid item accounted for 1,800 SY, actual was 2,143 SY.

LABOR	UNIT PRICE			TOTAL UNITS	TOTAL COST
Foreman	\$ 65.00			0	\$ -
	\$ 97.50			0	\$ -
Operator	\$ 62.00			0	\$ -
	\$ 93.00			0	\$ -
Laborer	\$ 58.00			0	\$ -
	\$ 87.00			0	\$ -
Flagger	\$ 55.00			0	\$ -
	\$ 82.50			0	\$ -
EQUIPMENT					
Foreman Pick Up / Small Tools	\$ 17.50			0	\$ -
Hand Compactor / Saws	\$ 10.00			0	\$ -
By-Pass Pumping, Plugging	\$ 25.00			0	\$ -
				0	\$ -
D3 Dozer	\$ 55.00			0	\$ -
D4 Dozer	\$ 68.00			0	\$ -
				0	\$ -
Backhoe	\$ 55.00			0	\$ -
Backhoe w/ HoPac or Hammer	\$ 65.00			0	\$ -
Skid Steer / Sweeper	\$ 55.00			0	\$ -
IT Loader	\$ 75.00			0	\$ -
				0	\$ -
Mini Excavator - 12k	\$ 65.00			0	\$ -
Mini Exc w/ Breaker - 12k	\$ 90.00			0	\$ -
308 Excavator	\$ 85.00			0	\$ -
160 Exc w/ hoe-pack	\$ 125.00			0	\$ -
320 Excavator	\$ 125.00			0	\$ -
160 Excavator	\$ 105.00			0	\$ -
160 Exc w/ Breaker	\$ 185.00			0	\$ -

200 Excavator	\$ 115.00			0	\$ -
400 Excavator				0	\$ -
				0	\$ -
Grader				0	\$ -
Mini Double Drum Roller	\$ 35.00			0	\$ -
Smooth Drum Roller	\$ 57.00			0	\$ -
Pad Drum Roller	\$ 62.00			0	\$ -
615 Scraper				0	\$ -
Water Truck				0	\$ -
				0	\$ -
End Dump Trucks (2)	\$ 95.00			0	\$ -
Truck & Tilt Deck Trailer (320 Mobe)	\$ 115.00			0	\$ -
				0	\$ -
Shoring (2) 8' x 20' Boxes	\$ 669.00			0	\$ -
Shoring Delivery & Pick-up	\$ 330.00			0	\$ -

MATERIALS

					\$ -
					\$ -
					\$ -
					\$ -

SUBCONTRACTS

					\$ -
				0	\$ -
				0	\$ -
				0	\$ -

BID ITEM

Temporary Paving	\$ 15.00	343		343	\$ 5,145.00
				0	\$ -

TOTALS

	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ -	10%	\$ -	\$ -
Equipment	\$ -	5%	\$ -	\$ -
Materials	\$ -	15%	\$ -	\$ -
Subcontracts	\$ -	15%	\$ -	\$ -
Bid Item	\$ 5,145.00	0%	\$ -	\$ 5,145.00

TOTAL PRICE	\$ 5,145.00
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33871 SE Eastgate Circle
Corvallis, Or. 97333

CCB # 105905

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Change Proposal Price Breakdown

PROJECT: Oregon City 15th Street Water Line

DATE: 11/28/2016

Project No.: CI-15-001

DESCRIPTION OF WORK: Asphalt Bid Items were in SY units, calculating pay quantities proved difficult given varied depths of existing. Everything beyond 855TN to be paid at unit TN rate from original bid item of \$117.94

LABOR	UNIT PRICE			TOTAL UNITS	TOTAL COST
Foreman	\$ 65.00	20		20	\$ 1,300.00
	\$ 97.50			0	\$ -
Operator	\$ 62.00			0	\$ -
	\$ 93.00			0	\$ -
Laborer	\$ 58.00	6		6	\$ 348.00
	\$ 87.00			0	\$ -
Flagger	\$ 55.00			0	\$ -
	\$ 82.50			0	\$ -
EQUIPMENT					
Foreman Pick Up / Small Tools	\$ 17.50	20		20	\$ 350.00
Hand Compactor / Saws	\$ 10.00			0	\$ -
By-Pass Pumping, Plugging	\$ 25.00			0	\$ -
				0	\$ -
D3 Dozer	\$ 55.00			0	\$ -
D4 Dozer	\$ 68.00			0	\$ -
				0	\$ -
Backhoe	\$ 55.00			0	\$ -
Backhoe w/ HoPac or Hammer	\$ 65.00			0	\$ -
Skid Steer / Sweeper	\$ 55.00			0	\$ -
IT Loader	\$ 75.00			0	\$ -
				0	\$ -
Mini Excavator - 12k	\$ 65.00			0	\$ -
Mini Exc w/ Breaker - 12k	\$ 90.00			0	\$ -
308 Excavator	\$ 85.00			0	\$ -
160 Exc w/ hoe-pack	\$ 125.00			0	\$ -
320 Excavator	\$ 125.00			0	\$ -
160 Excavator	\$ 105.00			0	\$ -
160 Exc w/ Breaker	\$ 185.00			0	\$ -

200 Excavator	\$ 115.00			0	\$ -
400 Excavator				0	\$ -
				0	\$ -
Grader				0	\$ -
Mini Double Drum Roller	\$ 35.00			0	\$ -
Smooth Drum Roller	\$ 57.00			0	\$ -
Pad Drum Roller	\$ 62.00			0	\$ -
615 Scraper				0	\$ -
Water Truck				0	\$ -
				0	\$ -
End Dump Trucks (2)	\$ 95.00			0	\$ -
Truck & Tilt Deck Trailer (320 Mobe)	\$ 115.00			0	\$ -
				0	\$ -
Shoring (2) 8' x 20' Boxes	\$ 669.00			0	\$ -
Shoring Delivery & Pick-up	\$ 330.00			0	\$ -

MATERIALS

					\$ -
					\$ -
					\$ -
					\$ -

SUBCONTRACTS

BRIX PAVING - ASPHALT	\$ 117.94	469.36		469.36	\$ 55,356.32
BRIX PAVING - ADDITIONAL MOBES	\$ 450.00	2		2	\$ 900.00
				0	\$ -
				0	\$ -

				0	\$ -
				0	\$ -

TOTALS

	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 1,648.00	10%	\$ 164.80	\$ 1,812.80
Equipment	\$ 350.00	5%	\$ 17.50	\$ 367.50
Materials	\$ -	15%	\$ -	\$ -
Subcontracts	\$ 56,256.32	8%	\$ 4,500.51	\$ 60,756.82

TOTAL PRICE \$ 62,937.12