

PUB WKS

07/24/12

**OFFICIAL NOTICE OF MEETING
OF THE
PUBLIC WORKS COMMITTEE OF THE MAUSTON COMMON COUNCIL
6:00PM
TUESDAY, JULY 24, 2012
MAUSTON CITY HALL COUNCIL CHAMBERS
303 MANSION STREET**

- 1. Call to Order/Roll Call**
- 2. Discussion and Action Regarding Minutes of June 26, 2012, Meeting**
- 3. Discussion and Recommendation Regarding Standby Power and Storage Building Project Current Technologies Pay Request #3**
- 4. Discussion and Recommendation Regarding Sewer Rehab Project Visu-Sewer Pay Request #3**
- 5. Discussion and Recommendation Regarding West Industrial Park Project Meise Construction Pay Request #4**
- 6. Director of Public Works Report**
- 7. Any Other Business Properly Brought Before the Committee**
- 8. Adjourn**

**OFFICIAL MINUTES OF MEETING
OF THE
MAUSTON COMMON COUNCIL PUBLIC WORKS COMMITTEE
JUNE 26, 2012**

Call to Order/Roll Call The Public Works Committee of the Mauston Common Council met on Tuesday, June 26, 2012, in the Council Chambers of Mauston City Hall. Chair Rick Noe called the meeting to order at 6:00pm. Members present were Francis McCoy, Floyd Babcock, and Noe. Also present was Director of Public Works Rob Nelson.

Minutes McCoy/Babcock to approve the minutes of the June 12, 2012, meeting. Motion carried by voice vote.

Power and Storage Building Project Change Order Babcock/McCoy to recommend to the Council to accept Eagle Construction change order #3, a contract cost reduction of \$2,231.29. Motion carried by voice vote.

West Industrial Park Project Contract B Pay Request Babcock/McCoy to recommend to the Council to approve A-1 Excavating Pay Request #4 for the West Industrial Park Project Contract B in the amount of \$81,806.71. Motion carried by voice vote.

Director of Public Works Report Nelson updated the committee on the status of the projects underway throughout the City.

Adjourn Babcock/McCoy to adjourn. Motion carried by voice vote. Meeting adjourned at 6:15pm.

Rick Noe, Chair

Date



CONTRACTOR'S APPLICATION FOR PAYMENT NO.

3

Application Period: 6/30/2012		Application Date: 6/14/2012
To (Owner): City of Mauston	From (Contractor): Current Technologies Inc	Via (Engineer): Davy Engineering Co.
Project: Mauston Standby Power & Storage Bldg	Contract:	
Owner's Contract No.:	Contractor's Project No.: 1101107	Engineer's Project No.: 1076-145.00

Approved Change Order Summary			COST BREAKDOWN	
Number	Additions	Deductions		
1	\$1,445.70		1. ORIGINAL CONTRACT PRICE.....	\$ 22,846.00
			2. Net change by Change Orders.....	\$ 1,445.70
			3. Current Contract Price (Line 1 ± 2).....	\$ 24,291.70
			4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimate).....	\$ 24,291.70
			5. RETAINAGE:	
			a. 5% X \$24,291.70 Work Completed.....	\$ 1,214.59
			b. X _____ Stored Material.....	\$ _____
			c. Total Retainage (Line 5a + Line 5b).....	\$ 1,214.59
			6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c).....	\$ 23,077.12
			7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	\$ 21,934.05
			8. AMOUNT DUE THIS APPLICATION.....	\$ 2,357.65
			9. BALANCE TO FINISH, PLUS RETAINAGE (Column G on Progress Estimate + Line 5 above).....	\$ 1,214.59
TOTALS	\$1,445.70			
NET CHANGE BY CHANGE ORDERS	\$1,445.70			

Contractor's Certification

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor: CURRENT TECHNOLOGIES INC 6/15/2012

By: *Mark Adams* Date: 6-18-12

Payment of: \$ 2,357.65
(Line 8 or other - attach explanation of the other amount)

is recommended by: *Samuel J. Adams* 6/22/12
Davy Engineering Co. Date

Payment of: \$ _____
(Line 8 or other - attach explanation of the other amount)

is approved by: _____ Owner _____ Date

Approved by: _____ Funding Agency (if applicable) _____ Date

PROGRESS ESTIMATE - LUMP SUM

CONTRACTOR'S APPLICATION NO. 3

For (contract): <p style="text-align: center;">Mauston Standby Power and Storage Building</p>	Application Number: <p style="text-align: center;">3</p>
Application Period: <p style="text-align: center;">6/30/2012</p>	Application Date: <p style="text-align: center;">6/30/2012</p>

Item	Description	B Scheduled Value (\$)	Work Completed		E Materials Presently Stored (not in C or D)	F		G Balance to Finish (B - F)
			C	D		Total Completed and Stored to Date (C + D + E)	% 5 (F/B)	
			From Previous Application	This Period				
1	Storage Bldg - Labor	\$ 4,239.00	\$4,027.05	\$211.95		\$4,239.00	100.0%	
2	Storage Bldg - Material	\$ 3,600.00	\$3,600.00			\$3,600.00	100.0%	
3	Well #3 Standby Power - Labor	\$ 3,431.00	\$3,431.00			\$3,431.00	100.0%	
4	Well #3 Standby Power - Material	\$ 3,200.00	\$3,200.00			\$3,200.00	100.0%	
5	Lift Station #1 - Labor	\$ 500.00	\$500.00			\$500.00	100.0%	
6	Lift Station #1 - Material	\$ 322.00	\$322.00			\$322.00	100.0%	
7	Lift Station #2 - Labor	\$ 500.00	\$500.00			\$500.00	100.0%	
8	Lift Station #2 - Material	\$ 322.00	\$322.00			\$322.00	100.0%	
9	Lift Station #3 - Labor	\$ 500.00	\$500.00			\$500.00	100.0%	
10	Lift Station #3 - Material	\$ 322.00	\$322.00			\$322.00	100.0%	
11	Lift Station #4 - Labor	\$ 500.00	\$500.00			\$500.00	100.0%	
12	Lift Station #4 - Material	\$ 322.00	\$322.00			\$322.00	100.0%	
13	Lift Station #5 - Labor	\$ 500.00	\$500.00			\$500.00	100.0%	
14	Lift Station #5 - Material	\$ 322.00	\$322.00			\$322.00	100.0%	
15	Lift Station #6 - Labor	\$ 500.00	\$500.00			\$500.00	100.0%	
16	Lift Station #6 - Material	\$ 322.00	\$322.00			\$322.00	100.0%	
17	Lift Station #7- Labor	\$ 700.00		\$700.00		\$700.00	100.0%	
18	Lift Station #7 - Material	\$ 400.00	\$400.00			\$400.00	100.0%	
19	Lift Station #8- Labor	\$ 500.00	\$500.00			\$500.00	100.0%	
20	Lift Station #8 - Material	\$ 322.00	\$322.00			\$322.00	100.0%	
21	Lift Station #9 - Labor	\$ 500.00	\$500.00			\$500.00	100.0%	
22	Lift Station #9 - Material	\$ 322.00	\$322.00			\$322.00	100.0%	
23	Lift Station #10 - Labor	\$ 400.00	\$400.00			\$400.00	100.0%	
24	Lift Station #10 - Material	\$ 300.00	\$300.00			\$300.00	100.0%	
25	C/O #1 Modify Support Lift Station #7	\$ 1,445.70		\$1,445.70		\$1,445.70	100.0%	
Totals		\$24,291.70	\$21,934.05	\$2,357.65		\$24,291.70		

PARTIAL WAIVER OF LIEN

Date: 6/15/12

FOR VALUE RECEIVED, WE hereby waive ALL rights and claims for lien on land and on buildings about to be erected, being erected, altered, or repaired and to the appurtenances thereunto, for CITY OF MAUSTON, **OWNER**, by CURRENT TECHNOLOGIES INC, **SUB-CONTRACTOR/SUPPLIER**, for DAVY ENGINEERING CO ., **GENERAL CONTRACTOR**, PROJECT #1076-145.040 same being situated in JUNEAU County, State of WISCONSIN, described as ABOVE for all labor performed and for all material furnished for the erection, construction alteration or repair of said building and appurtenances, except PARTIAL IN THE AMOUNT OF ONE THOUSAND TWO HUNDRED FOURTEEN AND 59/100.

CURRENT TECHNOLOGIES INC
(Subcontractor/Supplier)

Mark Adams VP
Signature Title

June 15, 2012
Date

DAVY ENGINEERING CO.

115 6th Street S.
La Crosse, WI 54601
(608) 782-3130
FAX (608) 784-6611
www.davyinc.com



LETTER OF TRANSMITTAL

TO:
City of Mauston

DATE: 6/27/12 **JOB NO.:** 1076-145.040
ATTENTION: Rob Nelson
RE: Visu Sewer Pay Request #3

WE ARE SENDING YOU:

<input type="checkbox"/> Shop Drawing	<input type="checkbox"/> Plans	<input type="checkbox"/> Specifications	<input type="checkbox"/> Reports	<input checked="" type="checkbox"/> Payment Application
<input type="checkbox"/> Copy of Letter	<input type="checkbox"/> Change Order	<input type="checkbox"/> Other: _____		

COPIES	DATE	NO.	DESCRIPTION
5	6/27/12	5	Pay Request #3

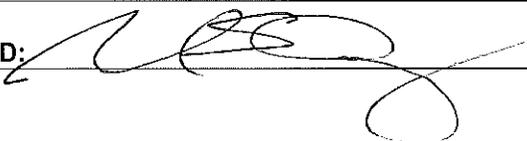
THESE ARE TRANSMITTED as checked below:

<input checked="" type="checkbox"/> For Approval	<input type="checkbox"/> Approved as Submitted	<input type="checkbox"/> Resubmit _____ copies
<input type="checkbox"/> For Your Use	<input type="checkbox"/> Approved as Noted	<input type="checkbox"/> Submit _____ copies for distribution
<input type="checkbox"/> As Requested	<input type="checkbox"/> Returned for Corrections	<input type="checkbox"/> For Review and Comment

Other _____

REMARKS:

CC:

SIGNED: 



CONTRACTOR'S APPLICATION FOR PAYMENT NO.

3

Application Period: 4/30/12 - 5/25/12		Application Date: 6/1/2012	
To (Owner): City of Mauston	From (Contractor): Visu-Sewer	Via (Engineer): Davy Engineering Co.	
Project: 2011 Sewer Rehabilitation and Replacement	Contract:		
Owner's Contract No.:	Contractor's Project No.:	Engineer's Project No.: 1076-145.040	

Approved Change Order Summary			COST BREAKDOWN	
Number	Additions	Deductions		
1		-\$37,889.35	1. ORIGINAL CONTRACT PRICE.....	\$ 222,544.00
			2. Net change by Change Orders.....	\$ -37,889.35
			3. Current Contract Price (Line 1 ± 2).....	\$ 184,654.65
			4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimate).....	\$ 145,151.65
			5. RETAINAGE:	
			a. 5% X \$145,151.65 Work Completed.....	\$ 7,257.58
			b. X Stored Material.....	\$
			c. Total Retainage (Line 5a + Line 5b).....	\$ 7,257.58
			6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c).....	\$ 137,894.07
			7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	\$ 125,069.07
			8. AMOUNT DUE THIS APPLICATION.....	\$ 12,825.00
			9. BALANCE TO FINISH, PLUS RETAINAGE (Column G on Progress Estimate + Line 5 above).....	\$ 122,497.58
TOTALS		-\$37,889.35		
NET CHANGE BY CHANGE ORDERS		-\$37,889.35		

Contractor's Certification

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor: VISU-SEWER, INC.

By: Ally L. Rosato Date: 6/15/12

Payment of: \$ 12,825.00
(Line 8 or other - attach explanation of the other amount)

is recommended by: [Signature] 6/27/12
Davy Engineering Co. Date

Payment of: \$ _____
(Line 8 or other - attach explanation of the other amount)

is approved by: _____
Owner Date

Approved by: _____
Funding Agency (if applicable) Date

PROGRESS ESTIMATE - UNIT PRICE

CONTRACTOR'S APPLICATION NO. 3

For (contract): 2011 Sewer Rehabilitation & Replacement	Application Number: 3
Application Period: 4/30/12 to 5/25/12	Application Date: 6/1/2012

A				B	C	D	E	F		
Bid Item No.	Description	Bid Quantity	Unit Price (\$)	Bid Item Value (\$)	Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F/B)	Balance to Finish (B-F)
1	8" CIPP Sewer Lining	2070	\$28.00	\$57,960.00	1769	\$49,532.00		\$49,532.00	85.5%	\$8,428.00
2	12" CIPP Sewer Lining	292	\$52.00	\$15,184.00	291	\$15,132.00		\$15,132.00	99.7%	\$52.00
3	24" CIPP Sewer Lining	63	\$300.00	\$18,900.00						\$18,900.00
4	Manhole Rehabilitation	40	\$150.00	\$6,000.00	39.6	\$5,940.00		\$5,940.00	99.0%	\$60.00
5	Rearm Protruding Taps	5	\$500.00	\$2,500.00	3	\$1,500.00		\$1,500.00	60.0%	\$1,000.00
6	Reconnect Laterals	22	\$100.00	\$2,200.00	17	\$1,700.00		\$1,700.00	77.3%	\$500.00
7	Lateral/Main Seals									
8	Abandon Existing Sanitary Sewer	1	\$13,500.00	\$13,500.00	1	\$13,500.00		\$13,500.00	100.0%	
9	Traffic Control	1	\$15,000.00	\$15,000.00	1	\$15,000.00		\$15,000.00	100.0%	
10	Bypass Pumping	1	\$5,000.00	\$5,000.00	1	\$5,000.00		\$5,000.00	100.0%	
11	Lateral Televising, Documentation & Report	22	\$400.00	\$8,800.00						\$8,800.00
12	Pre-Liner Spot Repair & Surface Restoration	3	\$17,500.00	\$52,500.00						\$52,500.00
Alt. Bid #3 - 1	Manhole Structural Rehabilitation	50	\$500.00	\$25,000.00						\$25,000.00
	Change Order No. 1									
1	8" SDR 35 PVC	80	\$56.00	\$4,480.00	80	\$4,480.00		\$4,480.00	100.0%	
2	10" SDR 35 PVC	77	\$61.00	\$4,697.00	77	\$4,697.00		\$4,697.00	100.0%	
3	Remove & Dispose Existing Manhole	1	\$1,500.00	\$1,500.00	1	\$1,500.00		\$1,500.00	100.0%	
4	Manhole	2	\$3,500.00	\$7,000.00	2	\$7,000.00		\$7,000.00	100.0%	
5	Connect Existing Mains	4	\$550.00	\$2,200.00	4	\$2,200.00		\$2,200.00	100.0%	
6	Breaker Rock 18"	112	\$15.50	\$1,736.00	112	\$1,736.00		\$1,736.00	100.0%	
7	Aggregate Base Course 18"	180	\$15.50	\$2,790.00	180	\$2,790.00		\$2,790.00	100.0%	
8	Traffic Control	1	\$2,850.00	\$2,850.00	1	\$2,850.00		\$2,850.00	100.0%	
9	Dewatering	1	\$1,000.00	\$1,000.00	1	\$1,000.00		\$1,000.00	100.0%	
	Felt	97	\$32.45	\$3,147.65	97	\$3,147.65		\$3,147.65	100.0%	
	Resin	1270	\$2.35	\$2,984.50	1270	\$2,984.50		\$2,984.50	100.0%	
	Labor, Equip - Wet Out	5.5	\$375.00	\$2,062.50	5.5	\$2,062.50		\$2,062.50	100.0%	
	Labor, Equip - Pipe Prep & Inspect	4	\$350.00	\$1,400.00	4	\$1,400.00		\$1,400.00	100.0%	
Totals				\$260,391.65		\$145,151.65		\$145,151.65	55.7%	\$115,240.00

Progress Estimate

Contractor's Application

For (contract): Mauston West Side Industrial Park					Application Number: 4												
Application Period: 1/14/11 to 6-1-2012					Application Date: June 11 2012												
A		B		C		D		E		F		G		H		I	
Item No.	Description	Bid Quantity	Units	Unit Price	Bid Value	Work Completed		Materials Presently Stored (not in C or E)	Total Completed and Stored to Date		Balance to Finish						
						From Previous Application	Quantity this Period		Value this Application	\$ (C+ E + F)		% (G / B)	(B - G)				
CONTRACT A: WEST SIDE INDUSTRIAL PARK																	
GENERAL																	
1	Mobilization, Bonds and Insurance	1	LS	\$57,000.00	\$57,000.00	57000			\$0.00		\$57,000.00	100.00	\$0.00				
2	Project Sign	1	LS	\$1,000.00	\$1,000.00	1000			\$0.00		\$1,000.00	100.00	\$0.00				
3	Traffic Control	1	LS	\$2,500.00	\$2,500.00	2500			\$0.00		\$2,500.00	100.00	\$0.00				
4	Erosion Control	1	LS	\$15,000.00	\$15,000.00	11250	0.25	\$3,750.00			\$15,000.00	100.00	\$0.00				
5	Clearing and Grubbing	1	LS	\$5,000.00	\$5,000.00	3750	0.25	\$1,250.00			\$5,000.00	100.00	\$0.00				
6	Building Demolition and Foundation Removal	1	LS	\$5,000.00	\$5,000.00	5000			\$0.00		\$5,000.00	100.00	\$0.00				
7	Concrete Quality Control	1	LS	\$250.00	\$250.00	0	1.00	\$250.00			\$250.00	100.00	\$0.00				
8	Turf and Site Restoration (EST=188,000 SY)	1	LS	\$75,000.00	\$75,000.00	60000	0.20	\$15,000.00			\$75,000.00	100.00	\$0.00				
9	Erosion Mat	28,000	SY	\$1.00	\$28,000.00	19000	8621.00	\$6,621.00			\$25,621.00	98.54	\$379.00				
10	Rock Excavation (Utility Work)	750	CY	\$48.00	\$36,000.00	45435.84		\$0.00			\$45,435.84	126.21	-\$9,435.84				
11	Imported Granular Backfill	1,000	TON	\$5.25	\$5,250.00	0		\$0.00			\$0.00	0.00	\$5,250.00				
12	De-watering	1	LS	\$15,000.00	\$15,000.00	15000		\$0.00			\$15,000.00	100.00	\$0.00				
13	Detention Pond Liner - Type C	16,800	SY	\$1.51	\$25,066.00	25081.1		\$0.00			\$25,081.10	100.06	-\$15.10				
14	Unclassified Excavation and Site Grading	1	LS	\$248,202.00	\$248,202.00	223381.8	0.10	\$24,820.20			\$248,202.00	100.00	\$0.00				
ROADWAY																	
15	Roadway Base Course	6,700	TON	\$12.82	\$84,554.00	46873.8	4056.24	\$51,189.75			\$98,063.55	115.98	-\$13,509.55				
16	Breaker Run	10,400	TON	\$12.12	\$126,048.00	77444.25	2862.49	\$34,693.38			\$112,137.63	88.96	\$13,910.37				
17	Excavation Below Subgrade with Breaker Run Backfill	1,500	CY	\$23.00	\$34,500.00	24667.5	463.00	\$10,649.00			\$35,316.50	102.37	-\$816.50				
18	30-inch Curb and Gutter	5,540	LF	\$7.45	\$41,273.00	0	5548.00	\$41,332.60			\$41,332.60	100.14	-\$59.60				
19	4-inch Asphaltic Concrete Pavement	3,230	TON	\$48.87	\$157,850.10	2983.51	2854.42	\$139,495.51			\$142,479.02	90.26	\$15,371.08				
20	Tack Coat	335	GAL	\$2.50	\$837.50	0	375.00	\$937.50			\$937.50	111.94	-\$100.00				
21	Medium Rip-rap and Fabric	160	SY	\$34.00	\$5,440.00	0	237.00	\$8,058.00			\$8,058.00	148.13	-\$2,618.00				
22	Remove, Salvage, and Reinstall Existing Light Pole	1	EA	\$1,000.00	\$1,000.00	1000		\$0.00			\$1,000.00	100.00	\$0.00				
23	Roadway Underdrain	800	LF	\$10.00	\$8,000.00	11055		\$0.00		-1055	\$10,000.00	166.67	-\$4,000.00				
STORM SEWER																	
24	Connect to Existing Storm Sewer Structure	4	EA	\$1,500.00	\$6,000.00	3000	1.00	\$1,500.00			\$4,500.00	75.00	\$1,500.00				
25	Storm Manhole, Type 1	11	EA	\$1,800.00	\$17,800.00	20800	0.00	\$0.00			\$20,800.00	118.18	-\$3,200.00				
26	Storm Inlet, Type 3	18	EA	\$875.00	\$15,750.00	14875	0.00	\$0.00			\$14,875.00	94.44	\$875.00				
27	36-inch Catch Basin	6	EA	\$825.00	\$4,950.00	825	6.00	\$4,950.00			\$5,775.00	116.67	-\$825.00				
28	12-inch RCP Storm Sewer	288	LF	\$20.00	\$5,720.00	0	66.00	\$1,320.00			\$1,320.00	23.08	\$4,400.00				
29	15-inch RCP Storm Sewer	416	LF	\$21.50	\$8,944.00	7396	65.00	\$1,397.50			\$8,791.50	98.32	\$150.50				
30	18-inch RCP Storm Sewer	1,011	LF	\$26.00	\$26,286.00	25506	224.00	\$5,824.00			\$31,330.00	119.19	-\$5,044.00				
31	24-inch RCP Storm Sewer	24	LF	\$31.00	\$744.00	0	24.00	\$744.00		\$0.00	\$744.00	100.00	\$0.00				
32	36-inch RCP Storm Sewer	136	LF	\$80.00	\$8,180.00	8160		\$0.00		\$0.00	\$8,160.00	100.00	\$0.00				
33	14-inchx23-inch HERCP Storm Sewer	275	LF	\$50.00	\$13,750.00	13750		\$0.00		\$0.00	\$13,750.00	100.00	\$0.00				
34	15-inchx30-inch HERCP Storm Sewer	79	LF	\$58.00	\$4,582.00	4582		\$0.00		\$0.00	\$4,582.00	100.00	\$0.00				
35	12-inch RCP Apron Endwall with Pipe Grate and Cut-	2	EA	\$750.00	\$1,500.00	0	2.00	\$1,500.00		\$0.00	\$1,500.00	100.00	\$0.00				
36	18-inch RCP Apron Endwall with Pipe Grate and Cut-	1	EA	\$825.00	\$825.00	0	1.00	\$825.00		\$0.00	\$825.00	100.00	\$0.00				
37	24-inch RCP Apron Endwall with Pipe Grate and Cut-	1	EA	\$1,400.00	\$1,400.00	0	1.00	\$1,400.00		\$0.00	\$1,400.00	100.00	\$0.00				
38	19x30-inch HERCP Apron Endwall with Pipe Grate at	1	EA	\$1,600.00	\$1,600.00	1600		\$0.00		\$0.00	\$1,600.00	100.00	\$0.00				
39	36-inch RCP Apron Endwall with Pipe Grate and Cut-	2	EA	\$2,350.00	\$4,700.00	4700		\$0.00		\$0.00	\$4,700.00	100.00	\$0.00				
40	Connect to Existing Drain Tile	1	LS	\$450.00	\$450.00	450		\$0.00		\$0.00	\$450.00	100.00	\$0.00				
Watermain																	
41	Remove and Salvage Existing Hydrant (to Owner)	1	LS	\$1,600.00	\$1,600.00	1600		\$0.00			\$1,600.00	100.00	\$0.00				
42	Hydrant, Complete	10	EA	\$2,800.00	\$28,000.00	28000		\$0.00			\$28,000.00	100.00	\$0.00				
43	6-inch Valve and Box	10	EA	\$925.00	\$9,250.00	9250		\$0.00			\$9,250.00	100.00	\$0.00				
44	8-inch Valve and Box	11	EA	\$1,400.00	\$15,400.00	15400		\$0.00			\$15,400.00	100.00	\$0.00				
45	12-inch Valve and Box	7	EA	\$2,350.00	\$16,450.00	16450		\$0.00			\$16,450.00	100.00	\$0.00				
46	Utility Insulation	200	SF	\$3.00	\$600.00	384		\$0.00			\$384.00	64.00	\$216.00				
47	Connect to Existing Water Main	2	EA	\$1,800.00	\$3,800.00	3600		\$0.00			\$3,600.00	100.00	\$0.00				
48	6 x 8-inch Tee	8	EA	\$150.00	\$1,200.00	1200		\$0.00			\$1,200.00	100.00	\$0.00				
49	6 x 12-inch Tee	2	EA	\$200.00	\$400.00	400		\$0.00			\$400.00	100.00	\$0.00				
50	8 x 12-inch Tee	5	EA	\$250.00	\$1,250.00	1250		\$0.00			\$1,250.00	100.00	\$0.00				
51	12 x 12-inch Cut-In Tee	1	EA	\$850.00	\$850.00	850		\$0.00			\$850.00	100.00	\$0.00				
52	8 x 12-inch Cross	3	EA	\$400.00	\$1,200.00	1200		\$0.00			\$1,200.00	100.00	\$0.00				
53	8-inch Plug	12	EA	\$100.00	\$1,200.00	1100		\$0.00			\$1,100.00	91.67	\$100.00				
54	Remove Existing Water Main	1	LS	\$800.00	\$800.00	800		\$0.00			\$800.00	100.00	\$0.00				
55	10 x 12-inch Reducer	1	EA	\$150.00	\$150.00	150		\$0.00			\$150.00	100.00	\$0.00				
SANITARY SEWER																	
56	Type 1 Manhole, Complete	9	EA	\$2,800.00	\$23,400.00	23400		\$0.00			\$23,400.00	100.00	\$0.00				
57	10-inch Sanitary Sewer	2,685	LF	\$46.00	\$123,510.00	123510		\$0.00			\$123,510.00	100.00	\$0.00				
58	Connect to Existing Sewer	3	EA	\$1,200.00	\$3,800.00	3600		\$0.00			\$3,600.00	100.00	\$0.00				
59	Special Trench Bedding	400	CY	\$25.00	\$10,000.00	0		\$0.00			\$0.00	0.00	\$10,000.00				
ADDITIVE ALTERNATE 2 - PVC WATERMAIN																	
1	6-inch PVC Hydrant Lead w/Tracer Wire	82	LF	\$29.00	\$2,378.00	2378		\$0.00			\$2,378.00	100.00	\$0.00				
2	8-inch PVC Water Main w/Tracer Wire	453	LF	\$29.00	\$13,137.00	13137		\$0.00			\$13,137.00	100.00	\$0.00				
3	12-inch PVC Water Main w/Tracer Wire	2,809	LF	\$38.00	\$101,124.00	102312		\$0.00			\$102,312.00	101.17	-\$1,188.00				
ADDITIVE ALTERNATE 4 - GEOSYNTHETIC																	
1	Geosynthetic (Ten Cat Mirafi RS 580i or equal)	15,000	SY	\$5.12	\$76,800.00	62632.08	3343.17	\$17,117.03		\$0.00	\$79,749.11	103.84	-\$2,949.11				
ADDITIVE ALTERNATE 5 - STREET LIGHTING																	
1	Pole: Fixture with Base (Complete)	12	EA	\$3,680.00	\$43,920.00	0	12.00	\$43,920.00			\$43,920.00	100.00	\$0.00				
2	Pull Box	7	EA	\$500.00	\$4,200.00	0	6.00	\$3,600.00			\$3,600.00	85.71	\$600.00				
3	Utility Allowance	1	LS	\$5,000.00	\$5,000.00	0	1.00	\$5,000.00			\$5,000.00	100.00	\$0.00				
4	Utility Service	1	LS	\$6,100.00	\$6,100.00	0	1.00	\$6,100.00			\$6,100.00	100.00	\$0.00				
5	#2 Cu. Feeder Plus Ground in 2-inch Conduit	1,405	LF	\$11.10	\$15,595.50	0	1169.00	\$12,975.90			\$12,975.90	83.20	\$2,619.60				
6	#4 Cu. Feeder Plus Ground in 2-inch Conduit	1,820	LF	\$8.75	\$16,800.00	0	1523.00	\$13,326.25			\$13,326.25	79.32	\$3,473.75				
7	#6 Cu. Feeder Plus Ground in 2-inch Conduit	540	LF	\$7.15	\$3,861.00	0	389.00	\$2,781.35			\$2,781.35	72.04	\$1,079.65				
8	Spare 2-inch Conduit	3,865	LF	\$2.30	\$8,889.50	0	3081.00	\$7,086.30			\$7,086.30	79.72	\$1,803.20				
Totals					\$1,636,996.60	466020.24		\$469,414.26			\$1,619,029.14		\$17,967.46				