

# City Council Meeting Agenda Request

Date of City Council Meeting..... August 5, 2014  
Person Requesting..... Public Works Director  
Department..... Engineering /Public Works  
Time Required for Agenda Item..... 10 Minutes

## A G E N D A I T E M

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***TO CONSIDER A RESOLUTION AUTHORIZING THE PUBLIC WORKS DIRECTOR TO AWARD A CONTRACT TO THE LOWEST BIDDER FOR 2014 CULINARY WATER SYSTEM IMPROVEMENTS on 400 North – Main Street to 400 East and Maple Canyon Pressure Reducing Valve.***

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### **BACKGROUND INFORMATION:**

The Public Works Department received bids on May 29, 2014; the lowest bid was submitted by Johnston and Phillips. (See Attached Bid Tabulation)

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|------------------------|---------------------|
| 1. Johnston & Phillips | \$ 495,975.00 (Low) |
| 2. Barton Excavating   | \$ 536,454.51       |
| 3. Condie Construction | \$ 541,175.00       |
| 4. K K & L             | \$ 566,976.00       |
| 5. Van Con             | \$ 612,930.00       |
| 6. Newman              | \$ 624,500.00       |

Major items of work include construction of 2,120 linear feet of ductile iron culinary waterline ranging from 6" to 20", Maple Canyon Pressure Reducing Valve, and associated pavement restoration at both locations.

Each year the water fund receives \$300,000 to upgrade the existing system. Some water lines and valves that the department replaces are 50 years old, each of replacements are upgraded and qualify for water impact funds if the funds are available.

Due to the cost and urgency the Public Works director is requesting that the project be awarded and any required shortfall of monies be taken from the Water Fund Reserves and replenished from next year's projected budget of 2015/16. This item will need to be added to the reopened budget in January, 2015. The plan would be to install the Maple Canyon PRV this fall when water usage is low, and begin the 400 North water-line upgrade next spring.

### **COST:**

Funding for the work -Water Fund FY 2014/15/16 (Water Capital Improvements):

### **RECOMMENDATION:**

Contract is awarded to Lowest Bidder (Johnston & Phillips) \$ 495,975.00

### **DOCUMENTS ATTACHED:**

Resolution

**Bid Abstract**  
**Mapleton City 2014 Culinary Water System Improvements**  
**400 North, Main Street to 400 East**  
**Maple Canyon PRV and Piping**

**Schedule No. 1 400 North, Main Street to 400 East**

Item No.	APWA Spec.	Description	Engineer			Johnston and Phillips				Barton Excavating Inc.				Condie Construction				K K & L			VanCon			Newman Construction						
			Quantity	Units	Cost	Amount	Quantity	Units	Cost	Amount	Quantity	Units	Cost	Amount	Quantity	Units	Cost	Amount	Quantity	Units	Cost	Amount	Quantity	Units	Cost	Amount	Quantity	Units	Cost	Amount
1	01 31 13	Coordination	1	Lump Sum	\$ 2,000.00	\$2,000.00	1	Lump Sum	\$ 1,000.00	\$1,000.00	1	Lump Sum	\$ 5,000.00	\$5,000.00	1	Lump Sum	\$ 18,876.00	\$18,876.00	1	Lump Sum	\$ 4,110.00	\$4,110.00	1	Lump Sum	\$ 1,200.00	\$1,200.00	1	Lump Sum	\$ 6,000.00	\$6,000.00
2	01 55 26	Traffic Control	1	Lump Sum	\$ 2,500.00	\$2,500.00	1	Lump Sum	\$ 3,000.00	\$3,000.00	1	Lump Sum	\$ 10,000.00	\$10,000.00	1	Lump Sum	\$ 2,969.00	\$2,969.00	1	Lump Sum	\$ 5,500.00	\$5,500.00	1	Lump Sum	\$ 2,500.00	\$2,500.00	1	Lump Sum	\$ 6,100.00	\$6,100.00
3	01 57 00	Temporary Controls	1	Lump Sum	\$ 1,000.00	\$1,000.00	1	Lump Sum	\$ 1,500.00	\$1,500.00	1	Lump Sum	\$ 5,000.00	\$5,000.00	1	Lump Sum	\$ 5,812.00	\$5,812.00	1	Lump Sum	\$ 2,780.00	\$2,780.00	1	Lump Sum	\$ 1,450.00	\$1,450.00	1	Lump Sum	\$ 2,800.00	\$2,800.00
4	01 71 13	Mobilization and Demobilization	1	Lump Sum	\$ 10,000.00	\$10,000.00	1	Lump Sum	\$ 10,000.00	\$10,000.00	1	Lump Sum	\$ 35,000.00	\$35,000.00	1	Lump Sum	\$ 12,674.00	\$12,674.00	1	Lump Sum	\$ 7,520.00	\$7,520.00	1	Lump Sum	\$ 44,000.00	\$44,000.00	1	Lump Sum	\$ 25,500.00	\$25,500.00
5	32 12 16.13	Asphalt Concrete Pavement, DM-3/4, AC-20	12,000	Sq. Ft.	\$ 4.00	\$48,000.00	12,000	Sq. Ft.	\$ 3.31	\$39,720.00	12,000	Sq. Ft.	\$ 4.00	\$48,000.00	12,000	Sq. Ft.	\$ 4.20	\$50,400.00	12,000	Sq. Ft.	\$ 2.70	\$32,400.00	12,000	Sq. Ft.	\$ 4.00	\$48,000.00	12,000	Sq. Ft.	\$ 4.00	\$48,000.00
6	32 16 13	New Concrete Curb and Gutter	120	Lin Ft.	\$ 25.00	\$3,000.00	120	Lin Ft.	\$ 30.00	\$3,600.00	120	Lin Ft.	\$ 27.00	\$3,240.00	120	Lin Ft.	\$ 24.00	\$2,880.00	120	Lin Ft.	\$ 37.60	\$4,512.00	120	Lin Ft.	\$ 55.00	\$6,600.00	120	Lin Ft.	\$ 63.00	\$7,560.00
7	32 16 13	New Concrete Sidewalk	80	Sq. Ft.	\$ 10.00	\$800.00	80	Sq. Ft.	\$ 65.00	\$5,200.00	80	Sq. Ft.	\$ 58.05	\$4,644.00	80	Sq. Ft.	\$ 52.00	\$4,160.00	80	Sq. Ft.	\$ 57.30	\$4,584.00	80	Sq. Ft.	\$ 67.50	\$5,400.00	80	Sq. Ft.	\$ 72.00	\$5,760.00
8	32 16 13	Remove and Replace Concrete C&G	60	Lin Ft.	\$ 35.00	\$2,100.00	60	Lin Ft.	\$ 40.00	\$2,400.00	60	Lin Ft.	\$ 32.00	\$1,920.00	60	Lin Ft.	\$ 27.50	\$1,650.00	60	Lin Ft.	\$ 48.80	\$2,928.00	60	Lin Ft.	\$ 53.50	\$3,210.00	60	Lin Ft.	\$ 93.00	\$5,580.00
9	32 16 13	Remove and Replace Concrete Sidewalk	30	Sq. Yds	\$ 35.00	\$1,050.00	30	Sq. Yds	\$ 86.00	\$2,580.00	30	Sq. Yds	\$ 63.05	\$1,891.50	30	Sq. Yds	\$ 48.50	\$1,455.00	30	Sq. Yds	\$ 76.70	\$2,301.00	30	Sq. Yds	\$ 77.00	\$2,310.00	30	Sq. Yds	\$ 130.00	\$3,900.00
10	33 05 25	Asphalt Pavement Restoration, DM-3/4, AC-20	10,000	Sq. Ft.	\$ 4.00	\$40,000.00	10,000	Sq. Ft.	\$ 3.92	\$39,200.00	10,000	Sq. Ft.	\$ 5.20	\$52,000.00	10,000	Sq. Ft.	\$ 4.20	\$42,000.00	10,000	Sq. Ft.	\$ 2.70	\$27,000.00	10,000	Sq. Ft.	\$ 4.00	\$40,000.00	10,000	Sq. Ft.	\$ 4.00	\$40,000.00
11	33 11 00	6-Inch Ductile Iron Pipe	90	Lin Ft.	\$ 38.00	\$3,420.00	90	Lin Ft.	\$ 60.00	\$5,400.00	90	Lin Ft.	\$ 25.54	\$2,298.60	90	Lin Ft.	\$ 29.50	\$2,655.00	90	Lin Ft.	\$ 62.00	\$5,580.00	90	Lin Ft.	\$ 50.00	\$4,500.00	90	Lin Ft.	\$ 50.00	\$4,500.00
12	33 11 00	8-Inch Ductile Iron Pipe	95	Lin Ft.	\$ 42.00	\$3,990.00	95	Lin Ft.	\$ 60.00	\$5,700.00	95	Lin Ft.	\$ 36.63	\$3,479.85	95	Lin Ft.	\$ 41.00	\$3,895.00	95	Lin Ft.	\$ 75.00	\$7,125.00	95	Lin Ft.	\$ 60.00	\$5,700.00	95	Lin Ft.	\$ 65.00	\$6,175.00
13	33 11 00	12-inch Ductile Iron Pipe	1,500	Lin Ft.	\$ 50.00	\$75,000.00	1,500	Lin Ft.	\$ 58.00	\$87,000.00	1,500	Lin Ft.	\$ 45.87	\$68,805.00	1,500	Lin Ft.	\$ 53.50	\$80,250.00	1,500	Lin Ft.	\$ 79.95	\$119,925.00	1,500	Lin Ft.	\$ 55.00	\$82,500.00	1,500	Lin Ft.	\$ 70.00	\$105,000.00
14	33 11 00	New 1-Inch Water Service	10	Each	\$ 1,000.00	\$10,000.00	10	Each	\$ 1,770.00	\$17,700.00	10	Each	\$ 1,685.00	\$16,850.00	10	Each	\$ 554.00	\$5,540.00	10	Each	\$ 1,880.00	\$18,800.00	10	Each	\$ 1,100.00	\$11,000.00	10	Each	\$ 2,600.00	\$26,000.00
15	33 11 00	1-Inch Water Meter and Setter with Box	10	Each	\$ 1,000.00	\$10,000.00	10	Each	\$ 1,000.00	\$10,000.00	10	Each	\$ 1,023.00	\$10,230.00	10	Each	\$ 1,273.00	\$12,730.00	10	Each	\$ 1,140.00	\$11,400.00	10	Each	\$ 1,500.00	\$15,000.00	10	Each	\$ 1,550.00	\$15,500.00
16	33 11 00	6-Inch Gate Valve	4	Each	\$ 1,100.00	\$4,400.00	4	Each	\$ 1,425.00	\$5,700.00	4	Each	\$ 1,035.00	\$4,140.00	4	Each	\$ 1,470.00	\$5,880.00	4	Each	\$ 1,176.00	\$4,704.00	4	Each	\$ 1,430.00	\$5,720.00	4	Each	\$ 1,200.00	\$4,800.00
17	33 11 00	8-Inch Gate Valve	4	Each	\$ 1,600.00	\$6,400.00	4	Each	\$ 1,745.00	\$6,980.00	4	Each	\$ 1,466.50	\$5,866.00	4	Each	\$ 1,852.00	\$7,408.00	4	Each	\$ 1,580.00	\$6,320.00	4	Each	\$ 1,900.00	\$7,600.00	4	Each	\$ 1,600.00	\$6,400.00
18	33 11 00	12-Inch Butterfly Valve	5	Each	\$ 1,800.00	\$9,000.00	5	Each	\$ 2,550.00	\$12,750.00	5	Each	\$ 1,899.20	\$9,496.00	5	Each	\$ 1,655.00	\$8,275.00	5	Each	\$ 2,010.00	\$10,050.00	5	Each	\$ 2,500.00	\$12,500.00	5	Each	\$ 2,000.00	\$10,000.00
19	33 11 00	Connect New 12" to Existing 8" and 6" Pipes	1	Each	\$ 8,000.00	\$8,000.00	1	Each	\$ 3,925.00	\$3,925.00	1	Each	\$ 2,302.00	\$2,302.00	1	Each	\$ 4,826.00	\$4,826.00	1	Each	\$ 3,350.00	\$3,350.00	1	Each	\$ 5,500.00	\$5,500.00	1	Each	\$ 5,500.00	\$5,500.00
20	33 11 00	Connect New 12" to Existing 12", Type I	1	Each	\$ 3,000.00	\$3,000.00	1	Each	\$ 2,800.00	\$2,800.00	1	Each	\$ 2,041.00	\$2,041.00	1	Each	\$ 3,018.00	\$3,018.00	1	Each	\$ 3,590.00	\$3,590.00	1	Each	\$ 5,000.00	\$5,000.00	1	Each	\$ 2,500.00	\$2,500.00
21	33 11 00	Connect New 12" to Existing 12", Type II	1	Each	\$ 2,500.00	\$2,500.00	1	Each	\$ 2,600.00	\$2,600.00	1	Each	\$ 2,313.00	\$2,313.00	1	Each	\$ 2,517.00	\$2,517.00	1	Each	\$ 4,510.00	\$4,510.00	1	Each	\$ 4,500.00	\$4,500.00	1	Each	\$ 3,500.00	\$3,500.00
22	33 11 00	Connect New 12" to Existing 8", Type I	2	Each	\$ 3,000.00	\$6,000.00	2	Each	\$ 2,250.00	\$4,500.00	2	Each	\$ 2,546.00	\$5,092.00	2	Each	\$ 1,762.00	\$3,524.00	2	Each	\$ 2,840.00	\$5,680.00	2	Each	\$ 3,500.00	\$7,000.00	2	Each	\$ 2,000.00	\$4,000.00
23	33 11 00	Connect New 12" to Existing 6", Type I	1	Each	\$ 2,500.00	\$2,500.00	1	Each	\$ 3,100.00	\$3,100.00	1	Each	\$ 2,127.00	\$2,127.00	1	Each	\$ 3,104.00	\$3,104.00	1	Each	\$ 4,670.00	\$4,670.00	1	Each	\$ 5,500.00	\$5,500.00	1	Each	\$ 3,500.00	\$3,500.00
24	33 12 19	Furnish and Install Fire Hydrant	3	Each	\$ 4,000.00	\$12,000.00	3	Each	\$ 3,800.00	\$11,400.00	3	Each	\$ 4,909.33	\$14,727.99	3	Each	\$ 4,509.00	\$13,527.00	3	Each	\$ 5,340.00	\$16,020.00	3	Each	\$ 3,600.00	\$10,800.00	3	Each	\$ 7,000.00	\$21,000.00
25	33 41 00	New 12" C-900 PVC Pipe	90	Lin Ft.	\$ 35.00	\$3,150.00	90	Lin Ft.	\$ 40.00	\$3,600.00	90	Lin Ft.	\$ 32.20	\$2,898.00	90	Lin Ft.	\$ 38.50	\$3,465.00	90	Lin Ft.	\$ 68.60	\$6,174.00	90	Lin Ft.	\$ 68.00	\$6,120.00	90	Lin Ft.	\$ 68.00	\$6,120.00
26	33 41 00	New Storm Drain Pre-Treatment Manhole	3	Each	\$ 2,000.00	\$6,000.00	3	Each	\$ 2,950.00	\$8,850.00	3	Each	\$ 6,500.00	\$19,500.00	3	Each	\$ 3,100.00	\$9,300.00	3	Each	\$ 3,795.00	\$11,385.00	3	Each	\$ 3,000.00	\$9,000.00	3	Each	\$ 4,900.00	\$14,700.00
27	33 41 00	New Storm Drain Sump	3	Each	\$ 2,500.00	\$7,500.00	3	Each	\$ 5,500.00	\$16,500.00	3	Each	\$ 5,000.00	\$15,000.00	3	Each	\$ 6,481.00	\$19,443.00	3	Each	\$ 4,025.00	\$12,075.00	3	Each	\$ 4,300.00	\$12,900.00	3	Each	\$ 12,500.00	\$37,500.00
<b>Subtotal Cost</b>						<b>\$283,310.00</b>				<b>\$316,705.00</b>			<b>\$353,861.94</b>			<b>\$332,233.00</b>			<b>\$346,993.00</b>			<b>\$365,510.00</b>					<b>\$427,895.00</b>			

**Schedule No. 2 Maple Canyon PRV and Piping**

28	32 01 10	Remove and Replace Existing Chain Link Fence & Gates	1	Lump Sum	\$2,500.00	\$2,500.00	1	Lump Sum	\$800.00	\$800.00	1	Lump Sum	\$3,000.00	\$3,000.00	1	Lump Sum	\$5,093.00	\$5,093.00	1	Lump Sum	\$4,305.00	\$4,305.00	1	Lump Sum	\$3,500.00	\$3,500.00	1	Lump Sum	\$4,800.00	\$4,800.00
29	33 05 25	Asphalt Pavement Restoration	1000	Sq.Ft.	\$4.00	\$4,000.00	1000	Sq.Ft.	\$4.55	\$4,550.00	1000	Sq.Ft.	\$6.00	\$6,000.00	1000	Sq.Ft.	\$5.10	\$5,100.00	1000	Sq.Ft.	\$2.70	\$2,700.00	1000	Sq.Ft.	\$5.70	\$5,700.00	1000	Sq.Ft.	\$6.00	\$6,000.00
30	33 11 00	8-Inch Ductile Iron Pipe	30	Lin. Ft.	\$42.00	\$1,260.00	30	Lin. Ft.	\$47.50	\$1,425.00	30	Lin. Ft.	\$58.33	\$1,749.90	30	Lin. Ft.	\$107.00	\$3,210.00	30	Lin. Ft.	\$81.40	\$2,442.00	30	Lin. Ft.	\$61.00	\$1,830.00	30	Lin. Ft.	\$90.00	\$2,700.00
31	33 11 00	12-Inch Ductile Iron Pipe	90	Lin. Ft.	\$50.00	\$4,500.00	90	Lin. Ft.	\$54.00	\$4,860.00	90	Lin. Ft.	\$69.68	\$6,271.20	90	Lin. Ft.	\$90.00	\$8,100.00	90	Lin. Ft.	\$91.90	\$8,271.00	90	Lin. Ft.	\$71.00	\$6,390.00	90	Lin. Ft.	\$95.00	\$8,550.00
32	33 11 00	20-Inch Ductile Iron Pipe	325	Lin. Ft.	\$80.00	\$26,000.00	325	Lin. Ft.	\$165.00	\$53,625.00	325	Lin. Ft.	\$205.35	\$66,738.75	325	Lin. Ft.	\$240.00	\$78,000.00	325	Lin. Ft.	\$203.40	\$66,105.00	325	Lin. Ft.	\$240.00	\$78,000.00	325	Lin. Ft.	\$170.00	\$55,250.00
33	33 11 00	8-Inch Gate Valve	1	Each	\$1,600.00	\$1,600.00	1	Each	\$1,750.00	\$1,750.00	1	Each	\$1,616.72	\$1,616.72	1	Each	\$1,852.00	\$1,852.00	1	Each	\$1,580.00	\$1,580.00	1	Each	\$2,000.00	\$2,000.00	1	Each	\$2,000.00	\$2,000.00