

**City Of Spokane**  
**Engineering Services Department**

**\*\*\* Bid Tabulation \*\*\***

**Project Number:** 2014152

**Project Description:** Rowan Avenue Rehabilitation Phase 2

**Original Date:** 2/5/2016 10:53:45 AM

**Funding Source:** Local

**Update Date:** 3/7/2016 2:13:56 PM

**Preparer:** Oanh Delgado

**Addendum:**

<b>Project Number: 2014152</b>			<b>Engineer's Estimate</b>		Halme Construction Inc		T LaRiviere Equipment & Excavation Inc		Murphy Brothers Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

**Schedule Description**

**Tax Classification**

**Schedule 01**

Addendum No. 1

Sales tax shall be included in unit prices

101	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1	EST	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
102	SPCC PLAN	1	LS	*****	1,000.00	*****	775.00	*****	550.00	*****	450.00
103	POTHOLING	5	EA	400.00	2,000.00	475.00	2,375.00	220.00	1,100.00	350.00	1,750.00
104	PUBLIC LIAISON REPRESENTATIVE	1	LS	*****	6,000.00	*****	1,000.00	*****	2,500.00	*****	6,000.00
105	REFERENCE AND REESTABLISH SURVEY MONUMENT	5	EA	450.00	2,250.00	400.00	2,000.00	420.00	2,100.00	375.00	1,875.00
106	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1	LS	*****	3,000.00	*****	2,500.00	*****	2,600.00	*****	2,800.00
107	MOBILIZATION	1	LS	*****	125,100.00	*****	206,000.00	*****	125,000.00	*****	100,000.00
108	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	*****	60,000.00	*****	30,000.00	*****	33,000.00	*****	40,000.00
109	SPECIAL SIGNS	588	SF	15.00	8,820.00	7.65	4,498.20	8.00	4,704.00	14.00	8,232.00
110	SEQUENTIAL ARROW SIGN	2500	HR	2.00	5,000.00	1.00	2,500.00	1.00	2,500.00	0.50	1,250.00
111	TYPE III BARRICADE	52	EA	30.00	1,560.00	8.00	416.00	8.40	436.80	30.00	1,560.00
112	MATERIAL ON HAND, TREE PROTECTION	1	LS	*****	4,000.00	*****	600.00	*****	1,000.00	*****	3,500.00
113	REMOVAL OF STRUCTURE AND OBSTRUCTION	1	LS	*****	9,000.00	*****	10,000.00	*****	13,000.00	*****	6,500.00
114	REMOVE EXISTING CURB	2662	LF	8.00	21,296.00	2.80	7,453.60	6.00	15,972.00	6.75	17,968.50

<b>Project Number: 2014152</b>			<b>Engineer's Estimate</b>		Halme Construction Inc		T LaRiviere Equipment & Excavation Inc		Murphy Brothers Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

**Schedule Description**

**Tax Classification**

**Schedule 01**

Addendum No. 1

Sales tax shall be included in unit prices

115	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	1152 SY	8.00	9,216.00	6.00	6,912.00	8.40	9,676.80	7.00	8,064.00
116	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	32 EA	400.00	12,800.00	292.00	9,344.00	400.00	12,800.00	400.00	12,800.00
117	SAWCUTTING CURB	109 EA	30.00	3,270.00	20.50	2,234.50	30.00	3,270.00	22.00	2,398.00
118	SAWCUTTING RIGID PAVEMENT	2072 LFI	0.33	683.76	1.00	2,072.00	0.90	1,864.80	1.00	2,072.00
119	SAWCUTTING FLEXIBLE PAVEMENT	8530 LFI	0.35	2,985.50	0.28	2,388.40	0.30	2,559.00	0.30	2,559.00
120	ROADWAY EXCAVATION INCL. HAUL	11300 CY	12.00	135,600.00	11.50	129,950.00	12.60	142,380.00	13.00	146,900.00
121	REMOVE UNSUITABLE FOUNDATION MATERIAL	200 CY	19.00	3,800.00	16.65	3,330.00	14.30	2,860.00	15.00	3,000.00
122	REPLACE UNSUITABLE FOUNDATION MATERIAL	200 CY	19.00	3,800.00	11.50	2,300.00	18.00	3,600.00	38.00	7,600.00
123	PREPARATION OF UNTREATED ROADWAY	26395 SY	1.05	27,714.75	1.00	26,395.00	1.35	35,633.25	0.85	22,435.75
124	CRUSHED SURFACING TOP COURSE	1478 CY	33.00	48,774.00	42.00	62,076.00	29.00	42,862.00	31.00	45,818.00
125	CRUSHED SURFACING BASE COURSE	3634 CY	28.00	101,752.00	27.00	98,118.00	27.00	98,118.00	28.00	101,752.00
126	CSTC FOR SIDEWALK AND DRIVEWAYS	83 CY	41.00	3,403.00	138.00	11,454.00	77.00	6,391.00	50.00	4,150.00
127	HMA CL. 1/2 IN. PG 70-28, 7 INCH THICK	26167 SY	29.00	758,843.00	24.50	641,091.50	25.20	659,408.40	27.25	713,050.75
128	HMA CL.1/2 IN. PG 70-28, 3 INCH THICK	230 SY	36.00	8,280.00	67.00	15,410.00	69.00	15,870.00	27.25	6,267.50
129	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
130	COMPACTION PRICE ADJUSTMENT	1 EST	15,342.00	15,342.00	15,342.00	15,342.00	15,342.00	15,342.00	15,342.00	15,342.00
131	CEMENT CONCRETE CURB WALL	38 LF	40.00	1,520.00	45.50	1,729.00	36.75	1,396.50	32.00	1,216.00
132	MANHOLE TYPE II-48, BASIC PRICE	4 EA	0.00	0.00	3,500.00	14,000.00	2,340.00	9,360.00	2,800.00	11,200.00
133	MANHOLE TYPE II-54, BASIC PRICE	1 EA	3,141.02	3,141.02	5,200.00	5,200.00	4,520.00	4,520.00	5,900.00	5,900.00

<b>Project Number: 2014152</b>			<b>Engineer's Estimate</b>		Halme Construction Inc		T LaRiviere Equipment & Excavation Inc		Murphy Brothers Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

**Schedule Description**

**Tax Classification**

**Schedule 01**

Addendum No. 1

Sales tax shall be included in unit prices

134	MANHOLE TYPE II-72, BASIC PRICE	1 EA	5,450.00	5,450.00	7,300.00	7,300.00	5,850.00	5,850.00	7,500.00	7,500.00
135	MANHOLE ADDITIONAL HEIGHT 54 IN. DIAM. TYPE II	5 VF	150.00	750.00	84.00	420.00	4.40	22.00	50.00	250.00
136	MANHOLE ADDITIONAL HEIGHT 72 IN. DIAM. TYPE II	3 VF	150.00	450.00	84.00	252.00	4.40	13.20	50.00	150.00
137	ADJUST EXISTING VALVE BOX MONUMENT, OR CLEANOUT IN ASPHALT	1 EA	450.00	450.00	210.00	210.00	385.00	385.00	300.00	300.00
138	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, OR INLET IN ASPHALT	50 EA	375.00	18,750.00	520.00	26,000.00	440.00	22,000.00	450.00	22,500.00
139	CATCH BASIN TYPE 1	24 EA	2,150.00	51,600.00	2,100.00	50,400.00	1,890.00	45,360.00	2,000.00	48,000.00
140	CATCH BASIN TYPE 3	6 EA	2,500.00	15,000.00	2,100.00	12,600.00	2,000.00	12,000.00	2,200.00	13,200.00
141	RETROFIT SURFACE INLET CATCH BASIN WITH FRAME VANED GRATE	2 EA	800.00	1,600.00	860.00	1,720.00	475.00	950.00	750.00	1,500.00
142	RETROFIT SURFACE INLET CATCH BASIN WITH FRAME & BI-DIRECTIONAL VANED GRATE	1 EA	850.00	850.00	860.00	860.00	620.00	620.00	750.00	750.00
143	REPLACE EXISTING BRICK CONE WITH PRECAST CONCRETE CONE	33 EA	1,000.00	33,000.00	785.00	25,905.00	900.00	29,700.00	1,100.00	36,300.00
144	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	48 EA	800.00	38,400.00	556.00	26,688.00	550.00	26,400.00	750.00	36,000.00
145	CONNECT 8 IN. DIAM. SEWER PIPE TO EXISTING CATCH BASIN, DRYWELL OR MANHOLE	27 EA	300.00	8,100.00	376.00	10,152.00	440.00	11,880.00	600.00	16,200.00
146	MANHOLE TEST	2 EA	800.00	1,600.00	833.00	1,666.00	550.00	1,100.00	600.00	1,200.00
147	CLEANING EXISTING DRAINAGE STRUCTURE	28 EA	200.00	5,600.00	102.00	2,856.00	220.00	6,160.00	325.00	9,100.00
148	REMOVE UNSUITABLE FOUNDATION MATERIAL	100 CY	18.00	1,800.00	16.70	1,670.00	11.00	1,100.00	15.00	1,500.00
149	REPLACE UNSUITABLE FOUNDATION MATERIAL	100 CY	18.00	1,800.00	11.50	1,150.00	16.50	1,650.00	40.00	4,000.00

<b>Project Number: 2014152</b>			<b>Engineer's Estimate</b>		Halme Construction Inc		T LaRiviere Equipment & Excavation Inc		Murphy Brothers Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

**Schedule Description**

**Tax Classification**

**Schedule 01**

Addendum No. 1

Sales tax shall be included in unit prices

150	TRENCH SAFETY SYSTEM	1	LS	*****	1,800.00	*****	510.00	*****	500.00	*****	4,000.00
151	CATCH BASIN SEWER PIPE 8 IN. DIAM.	401	LF	60.32	24,188.88	48.00	19,248.00	25.50	10,225.50	28.00	11,228.00
152	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	562	LF	38.00	21,356.00	37.50	21,075.00	40.00	22,480.00	48.00	26,976.00
153	OUTLET TRAP	1	EA	125.00	125.00	344.00	344.00	330.00	330.00	175.00	175.00
154	PLUGGING EXISTING PIPE	2	EA	500.00	1,000.00	597.00	1,194.00	165.00	330.00	350.00	700.00
155	TEMPORARY ADJACENT UTILITY SUPPORT	1	LS	*****	2,000.00	*****	200.00	*****	990.00	*****	1,700.00
156	ENCASE WATER/SEWER AT CROSSINGS	2	EA	2,750.00	5,500.00	1,508.00	3,016.00	330.00	660.00	850.00	1,700.00
157	SANITARY SEWER PIPE 21 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	18	LF	125.00	2,250.00	125.00	2,250.00	200.00	3,600.00	200.00	3,600.00
158	SANITARY SEWER PIPE 30 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	38	LF	175.00	6,650.00	151.00	5,738.00	210.00	7,980.00	225.00	8,550.00
159	BYPASS PUMPING	1	LS	*****	25,000.00	*****	1,000.00	*****	6,600.00	*****	32,000.00
160	REMOVAL OF EXISTING SEWER PIPE	1988	LF	7.00	13,916.00	6.20	12,325.60	4.20	8,349.60	7.50	14,910.00
161	ESC LEAD	1	LS	*****	1,500.00	*****	1,615.00	*****	500.00	*****	1,000.00
162	INLET PROTECTION	25	EA	75.00	1,875.00	65.00	1,625.00	110.00	2,750.00	85.00	2,125.00
163	STREET CLEANING	20	HR	100.00	2,000.00	254.00	5,080.00	165.00	3,300.00	195.00	3,900.00
164	MATERIAL ON HAND EROSION AND SEDIMENT CONTROL	1	LS	*****	2,000.00	*****	6,400.00	*****	1,650.00	*****	2,000.00
165	TOPSOIL TYPE A, 2 INCH THICK	100	SY	9.00	900.00	8.00	800.00	12.60	1,260.00	8.25	825.00
166	PSIPE 2 INCH CALIPER SHADE TREE	11	EA	280.00	3,080.00	400.00	4,400.00	420.00	4,620.00	420.00	4,620.00
167	BARK OR WOOD CHIP MULCH	10	CY	60.00	600.00	51.00	510.00	52.50	525.00	54.00	540.00

<b>Project Number: 2014152</b>			<b>Engineer's Estimate</b>		Halme Construction Inc		T LaRiviere Equipment & Excavation Inc		Murphy Brothers Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 01</i> Addendum No. 1				Sales tax shall be included in unit prices						
168	SOD INSTALLATION	100 SY	9.00	900.00	9.00	900.00	15.00	1,500.00	9.00	900.00
169	REMOVE AND REPLACE EXISTING SPRINKLER HEADS AND LINES	1 LS	*****	5,000.00	*****	1,250.00	*****	4,900.00	*****	1,500.00
170	CEMENT CONCRETE CURB	1121 LF	17.00	19,057.00	16.25	18,216.25	14.70	16,478.70	17.00	19,057.00
171	CEMENT CONCRETE CURB AND GUTTER	1442 LF	21.00	30,282.00	20.00	28,840.00	16.80	24,225.60	19.00	27,398.00
172	CEMENT CONC. GUTTER	285 LF	20.00	5,700.00	15.50	4,417.50	13.65	3,890.25	16.00	4,560.00
173	CEMENT CONCRETE DRIVEWAY	135 SY	28.00	3,780.00	38.50	5,197.50	34.50	4,657.50	40.00	5,400.00
174	CEMENT CONCRETE DRIVEWAY TRANSITION	95 SY	37.00	3,515.00	36.50	3,467.50	32.50	3,087.50	30.00	2,850.00
175	MODIFY FENCING, STA 14+90, RT.	1 LS	*****	300.00	*****	773.00	*****	1,050.00	*****	1,100.00
176	MODIFY FENCING, STA 39+70, LT.	1 LS	*****	400.00	*****	773.00	*****	1,050.00	*****	1,100.00
177	MONUMENT FRAME AND COVER	5 EA	375.00	1,875.00	395.50	1,977.50	315.00	1,575.00	450.00	2,250.00
178	CEMENT CONC. SIDEWALK	1000 SY	33.00	33,000.00	35.50	35,500.00	43.00	43,000.00	34.00	34,000.00
179	CEMENT CONC. INTEGRAL CURB AND SIDEWALK, 5 FT. WIDE	310 LF	50.00	15,500.00	32.00	9,920.00	35.00	10,850.00	32.00	9,920.00
180	RAMP DETECTABLE WARNING	264 SF	21.00	5,544.00	20.50	5,412.00	21.00	5,544.00	22.00	5,808.00
181	SIGNING, PERMANENT	1 LS	*****	27,000.00	*****	10,000.00	*****	20,000.00	*****	19,500.00
182	REMOVAL OF EXISTING PAVEMENT MARKINGS	60 SF	22.00	1,320.00	9.00	540.00	9.00	540.00	9.00	540.00
183	PAVEMENT MARKING - DURABLE HEAT APPLIED	2287 SF	8.50	19,439.50	10.00	22,870.00	10.00	22,870.00	10.00	22,870.00
184	PAVEMENT MARKING - DURABLE INLAY TAPE	4867 SF	8.50	41,369.50	8.00	38,936.00	8.00	38,936.00	8.00	38,936.00
185	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	12 EA	175.00	2,100.00	134.00	1,608.00	140.00	1,680.00	140.00	1,680.00
<b>Schedule Totals</b>				1,906,973.91		1,767,242.05		1,720,049.40		1,822,778.50

<b>Project Number: 2014152</b>			<b>Engineer's Estimate</b>		Halme Construction Inc		T LaRiviere Equipment & Excavation Inc		Murphy Brothers Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

**Schedule Description**

**Tax Classification**

**Schedule 02**

201	DI PIPE FOR WATER MAIN 6 IN. DIAM.	894 LF	45.00	40,230.00	58.50	52,299.00	56.00	50,064.00	62.00	55,428.00
202	DI PIPE FOR WATER MAIN 8 IN. DIAM.	85 LF	55.00	4,675.00	76.00	6,460.00	62.00	5,270.00	78.00	6,630.00
203	DI PIPE FOR WATER MAIN 12 IN. DIAM.	1612 LF	60.00	96,720.00	48.50	78,182.00	49.00	78,988.00	51.00	82,212.00
204	DI PIPE FOR WATER MAIN 18 IN. DIAM.	4233 LF	95.00	402,135.00	72.00	304,776.00	90.00	380,970.00	83.00	351,339.00
205	DI PIPE FOR WATER MAIN 24 IN. DIAM.	93 LF	150.00	13,950.00	247.00	22,971.00	350.00	32,550.00	250.00	23,250.00
206	TRENCH SAFETY SYSTEM	1 LS	*****	2,000.00	*****	510.00	*****	1,100.00	*****	4,000.00
207	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	50 CY	9.00	450.00	17.00	850.00	11.00	550.00	18.00	900.00
208	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	50 CY	40.13	2,006.43	11.50	575.00	15.00	750.00	38.00	1,900.00
209	BLOWOFF ASSEMBLY	3 EA	5,700.00	17,100.00	4,500.00	13,500.00	4,700.00	14,100.00	6,800.00	20,400.00
210	REMOVAL OF EXISTING 6-12 IN. DIAM. WATER MAIN	2785 LF	6.00	16,710.00	2.90	8,076.50	4.50	12,532.50	7.50	20,887.50
211	REMOVAL OF EXISTING 18-24 IN. DIAM. WATER MAIN	4343 LF	8.00	34,744.00	3.50	15,200.50	5.00	21,715.00	8.50	36,915.50
212	GATE VALVE 6 IN.	23 EA	1,100.00	25,300.00	1,000.00	23,000.00	1,170.00	26,910.00	1,275.00	29,325.00
213	GATE VALVE 8 IN.	2 EA	1,600.00	3,200.00	1,400.00	2,800.00	1,500.00	3,000.00	2,000.00	4,000.00
214	GATE VALVE 12 IN.	6 EA	2,400.00	14,400.00	2,300.00	13,800.00	2,700.00	16,200.00	3,000.00	18,000.00
215	COMBINATION AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 18 IN.	1 EA	3,600.00	3,600.00	2,400.00	2,400.00	2,000.00	2,000.00	3,400.00	3,400.00
216	HYDRANT ASSEMBLY	3 EA	4,500.00	13,500.00	3,700.00	11,100.00	3,700.00	11,100.00	5,400.00	16,200.00
217	HYDRANT OFFSET ASSEMBLY	4 EA	1,200.00	4,800.00	2,000.00	8,000.00	3,300.00	13,200.00	2,100.00	8,400.00
218	RECONNECT EXISTING HYDRANT ASSEMBLY	1 EA	2,700.00	2,700.00	2,100.00	2,100.00	420.00	420.00	1,950.00	1,950.00
219	REMOVE EXISTING HYDRANT ASSEMBLY	4 EA	600.00	2,400.00	200.00	800.00	315.00	1,260.00	750.00	3,000.00

<b>Project Number:</b> 2014152		<b>Engineer's Estimate</b>		Halme Construction Inc		T LaRiviere Equipment & Excavation Inc		Murphy Brothers Inc		
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

**Schedule Description**

**Tax Classification**

**Schedule 02**

220	TRENCH EXCAVATION FOR WATER SERVICE TAP	162 CY	16.00	2,592.00	70.00	11,340.00	19.00	3,078.00	30.00	4,860.00
221	REMOVE AND REPLACE CURB SECTION FOR WATER SERVICE	6 EA	240.00	1,440.00	287.00	1,722.00	220.00	1,320.00	250.00	1,500.00
222	REMOVE AND REPLACE SIDEWALK SECTION FOR WATER SERVICE	6 EA	340.00	2,040.00	430.00	2,580.00	385.00	2,310.00	450.00	2,700.00
223	REMOVE AND REPLACE INTEGRAL CURB AND SIDEWALK SECTION FOR WATER SERVICE	10	510.00	5,100.00	625.00	6,250.00	605.00	6,050.00	700.00	7,000.00

**Schedule Totals**

711,792.43

589,292.00

685,437.50

704,197.00

<b>Project Number: 2014152</b>			<b>Engineer's Estimate</b>		Red Diamond Construction Inc		West Company, Inc_			
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

**Schedule Description**

**Tax Classification**

**Schedule 01**

Addendum No. 1

Sales tax shall be included in unit prices

101	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
102	SPCC PLAN	1 LS	*****	1,000.00	*****	700.00	*****	1,500.00	*****	0.00
103	POTHOLING	5 EA	400.00	2,000.00	300.00	1,500.00	375.00	1,875.00	0.00	0.00
104	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	6,000.00	*****	9,500.00	*****	8,000.00	*****	0.00
105	REFERENCE AND REESTABLISH SURVEY MONUMENT	5 EA	450.00	2,250.00	400.00	2,000.00	425.00	2,125.00	0.00	0.00
106	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	3,000.00	*****	2,500.00	*****	2,700.00	*****	0.00
107	MOBILIZATION	1 LS	*****	125,100.00	*****	130,000.00	*****	270,000.00	*****	0.00
108	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	60,000.00	*****	50,000.00	*****	50,000.00	*****	0.00
109	SPECIAL SIGNS	588 SF	15.00	8,820.00	12.00	7,056.00	20.00	11,760.00	0.00	0.00
110	SEQUENTIAL ARROW SIGN	2500 HR	2.00	5,000.00	2.00	5,000.00	1.50	3,750.00	0.00	0.00
111	TYPE III BARRICADE	52 EA	30.00	1,560.00	50.00	2,600.00	8.50	442.00	0.00	0.00
112	MATERIAL ON HAND, TREE PROTECTION	1 LS	*****	4,000.00	*****	700.00	*****	3,000.00	*****	0.00
113	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	9,000.00	*****	4,500.00	*****	25,000.00	*****	0.00
114	REMOVE EXISTING CURB	2662 LF	8.00	21,296.00	6.00	15,972.00	5.00	13,310.00	0.00	0.00
115	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	1152 SY	8.00	9,216.00	7.00	8,064.00	20.00	23,040.00	0.00	0.00
116	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	32 EA	400.00	12,800.00	375.00	12,000.00	400.00	12,800.00	0.00	0.00
117	SAWCUTTING CURB	109 EA	30.00	3,270.00	45.00	4,905.00	26.00	2,834.00	0.00	0.00
118	SAWCUTTING RIGID PAVEMENT	2072 LFI	0.33	683.76	1.00	2,072.00	1.00	2,072.00	0.00	0.00
119	SAWCUTTING FLEXIBLE PAVEMENT	8530 LFI	0.35	2,985.50	0.35	2,985.50	0.50	4,265.00	0.00	0.00



<i>Project Number:</i> 2014152		<i>Engineer's Estimate</i>			Red Diamond Construction Inc		West Company, Inc_			
<i>Item No</i>	<i>Bid Item Description</i>	<i>Estimated Quantity</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>
<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> Addendum No. 1					Sales tax shall be included in unit prices					
120	ROADWAY EXCAVATION INCL. HAUL	11300 CY	12.00	135,600.00	13.00	146,900.00	14.00	158,200.00	0.00	0.00
121	REMOVE UNSUITABLE FOUNDATION MATERIAL	200 CY	19.00	3,800.00	0.01	2.00	12.00	2,400.00	0.00	0.00
122	REPLACE UNSUITABLE FOUNDATION MATERIAL	200 CY	19.00	3,800.00	0.01	2.00	17.00	3,400.00	0.00	0.00
123	PREPARATION OF UNTREATED ROADWAY	26395 SY	1.05	27,714.75	1.30	34,313.50	1.50	39,592.50	0.00	0.00
124	CRUSHED SURFACING TOP COURSE	1478 CY	33.00	48,774.00	37.00	54,686.00	35.00	51,730.00	0.00	0.00
125	CRUSHED SURFACING BASE COURSE	3634 CY	28.00	101,752.00	35.00	127,190.00	45.00	163,530.00	0.00	0.00
126	CSTC FOR SIDEWALK AND DRIVEWAYS	83 CY	41.00	3,403.00	50.00	4,150.00	70.00	5,810.00	0.00	0.00
127	HMA CL. 1/2 IN. PG 70-28, 7 INCH THICK	26167 SY	29.00	758,843.00	27.00	706,509.00	25.00	654,175.00	0.00	0.00
128	HMA CL. 1/2 IN. PG 70-28, 3 INCH THICK	230 SY	36.00	8,280.00	73.00	16,790.00	65.00	14,950.00	0.00	0.00
129	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.00	0.00
130	COMPACTION PRICE ADJUSTMENT	1 EST	15,342.00	15,342.00	15,342.00	15,342.00	15,342.00	15,342.00	0.00	0.00
131	CEMENT CONCRETE CURB WALL	38 LF	40.00	1,520.00	38.00	1,444.00	36.00	1,368.00	0.00	0.00
132	MANHOLE TYPE II-48, BASIC PRICE	4 EA	0.00	0.00	2,700.00	10,800.00	3,000.00	12,000.00	0.00	0.00
133	MANHOLE TYPE II-54, BASIC PRICE	1 EA	3,141.02	3,141.02	4,700.00	4,700.00	5,500.00	5,500.00	0.00	0.00
134	MANHOLE TYPE II-72, BASIC PRICE	1 EA	5,450.00	5,450.00	7,500.00	7,500.00	9,000.00	9,000.00	0.00	0.00
135	MANHOLE ADDITIONAL HEIGHT 54 IN. DIAM. TYPE II	5 VF	150.00	750.00	200.00	1,000.00	50.00	250.00	0.00	0.00
136	MANHOLE ADDITIONAL HEIGHT 72 IN. DIAM. TYPE II	3 VF	150.00	450.00	250.00	750.00	50.00	150.00	0.00	0.00
137	ADJUST EXISTING VALVE BOX MONUMENT, OR CLEANOUT IN ASPHALT	1 EA	450.00	450.00	300.00	300.00	325.00	325.00	0.00	0.00

<b>Project Number: 2014152</b>			<b>Engineer's Estimate</b>		Red Diamond Construction Inc		West Company, Inc_			
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> Addendum No. 1					Sales tax shall be included in unit prices					
138	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, OR INLET IN ASPHALT	50 EA	375.00	18,750.00	550.00	27,500.00	450.00	22,500.00	0.00	0.00
139	CATCH BASIN TYPE 1	24 EA	2,150.00	51,600.00	2,200.00	52,800.00	1,800.00	43,200.00	0.00	0.00
140	CATCH BASIN TYPE 3	6 EA	2,500.00	15,000.00	2,400.00	14,400.00	2,000.00	12,000.00	0.00	0.00
141	RETROFIT SURFACE INLET CATCH BASIN WITH FRAME VANED GRATE	2 EA	800.00	1,600.00	650.00	1,300.00	700.00	1,400.00	0.00	0.00
142	RETROFIT SURFACE INLET CATCH BASIN WITH FRAME & BI-DIRECTIONAL VANED GRATE	1 EA	850.00	850.00	650.00	650.00	700.00	700.00	0.00	0.00
143	REPLACE EXISTING BRICK CONE WITH PRECAST CONCRETE CONE	33 EA	1,000.00	33,000.00	750.00	24,750.00	750.00	24,750.00	0.00	0.00
144	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	48 EA	800.00	38,400.00	600.00	28,800.00	700.00	33,600.00	0.00	0.00
145	CONNECT 8 IN. DIAM. SEWER PIPE TO EXISTING CATCH BASIN, DRYWELL OR MANHOLE	27 EA	300.00	8,100.00	300.00	8,100.00	450.00	12,150.00	0.00	0.00
146	MANHOLE TEST	2 EA	800.00	1,600.00	300.00	600.00	750.00	1,500.00	0.00	0.00
147	CLEANING EXISTING DRAINAGE STRUCTURE	28 EA	200.00	5,600.00	275.00	7,700.00	400.00	11,200.00	0.00	0.00
148	REMOVE UNSUITABLE FOUNDATION MATERIAL	100 CY	18.00	1,800.00	0.01	1.00	12.00	1,200.00	0.00	0.00
149	REPLACE UNSUITABLE FOUNDATION MATERIAL	100 CY	18.00	1,800.00	0.01	1.00	17.00	1,700.00	0.00	0.00
150	TRENCH SAFETY SYSTEM	1 LS	*****	1,800.00	*****	4,000.00	*****	2,500.00	*****	0.00
151	CATCH BASIN SEWER PIPE 8 IN. DIAM.	401 LF	60.32	24,188.88	45.00	18,045.00	35.00	14,035.00	0.00	0.00
152	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	562 LF	38.00	21,356.00	50.00	28,100.00	50.00	28,100.00	0.00	0.00
153	OUTLET TRAP	1 EA	125.00	125.00	120.00	120.00	150.00	150.00	0.00	0.00
154	PLUGGING EXISTING PIPE	2 EA	500.00	1,000.00	200.00	400.00	170.00	340.00	0.00	0.00

<b>Project Number: 2014152</b>			<b>Engineer's Estimate</b>		Red Diamond Construction Inc		West Company, Inc_			
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

**Schedule Description**

**Tax Classification**

**Schedule 01**

Addendum No. 1

Sales tax shall be included in unit prices

155	TEMPORARY ADJACENT UTILITY SUPPORT	1	LS	*****	2,000.00	*****	5,000.00	*****	2,500.00	*****	0.00
156	ENCASE WATER/SEWER AT CROSSINGS	2	EA	2,750.00	5,500.00	1,500.00	3,000.00	750.00	1,500.00	0.00	0.00
157	SANITARY SEWER PIPE 21 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	18	LF	125.00	2,250.00	166.00	2,988.00	175.00	3,150.00	0.00	0.00
158	SANITARY SEWER PIPE 30 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	38	LF	175.00	6,650.00	198.00	7,524.00	170.00	6,460.00	0.00	0.00
159	BYPASS PUMPING	1	LS	*****	25,000.00	*****	18,500.00	*****	5,000.00	*****	0.00
160	REMOVAL OF EXISTING SEWER PIPE	1988	LF	7.00	13,916.00	8.00	15,904.00	10.00	19,880.00	0.00	0.00
161	ESC LEAD	1	LS	*****	1,500.00	*****	700.00	*****	1,000.00	*****	0.00
162	INLET PROTECTION	25	EA	75.00	1,875.00	70.00	1,750.00	100.00	2,500.00	0.00	0.00
163	STREET CLEANING	20	HR	100.00	2,000.00	5.00	100.00	150.00	3,000.00	0.00	0.00
164	MATERIAL ON HAND EROSION AND SEDIMENT CONTROL	1	LS	*****	2,000.00	*****	750.00	*****	2,500.00	*****	0.00
165	TOPSOIL TYPE A, 2 INCH THICK	100	SY	9.00	900.00	10.00	1,000.00	12.50	1,250.00	0.00	0.00
166	PSIPE 2 INCH CALIPER SHADE TREE	11	EA	280.00	3,080.00	275.00	3,025.00	425.00	4,675.00	0.00	0.00
167	BARK OR WOOD CHIP MULCH	10	CY	60.00	600.00	60.00	600.00	50.00	500.00	0.00	0.00
168	SOD INSTALLATION	100	SY	9.00	900.00	10.00	1,000.00	14.50	1,450.00	0.00	0.00
169	REMOVE AND REPLACE EXISTING SPRINKLER HEADS AND LINES	1	LS	*****	5,000.00	*****	2,500.00	*****	5,000.00	*****	0.00
170	CEMENT CONCRETE CURB	1121	LF	17.00	19,057.00	16.50	18,496.50	14.50	16,254.50	0.00	0.00
171	CEMENT CONCRETE CURB AND GUTTER	1442	LF	21.00	30,282.00	23.00	33,166.00	16.50	23,793.00	0.00	0.00
172	CEMENT CONC. GUTTER	285	LF	20.00	5,700.00	16.50	4,702.50	13.50	3,847.50	0.00	0.00

<b>Project Number: 2014152</b>			<b>Engineer's Estimate</b>		Red Diamond Construction Inc		West Company, Inc_			
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

<b>Schedule Description</b>					<b>Tax Classification</b>					
<b>Schedule 01</b> Addendum No. 1					Sales tax shall be included in unit prices					
173	CEMENT CONCRETE DRIVEWAY	135 SY	28.00	3,780.00	42.00	5,670.00	35.00	4,725.00	0.00	0.00
174	CEMENT CONCRETE DRIVEWAY TRANSITION	95 SY	37.00	3,515.00	42.00	3,990.00	32.00	3,040.00	0.00	0.00
175	MODIFY FENCING, STA 14+90, RT.	1 LS	*****	300.00	*****	1,100.00	*****	525.00	*****	0.00
176	MODIFY FENCING, STA 39+70, LT.	1 LS	*****	400.00	*****	1,300.00	*****	525.00	*****	0.00
177	MONUMENT FRAME AND COVER	5 EA	375.00	1,875.00	400.00	2,000.00	550.00	2,750.00	0.00	0.00
178	CEMENT CONC. SIDEWALK	1000 SY	33.00	33,000.00	34.50	34,500.00	31.50	31,500.00	0.00	0.00
179	CEMENT CONC. INTEGRAL CURB AND SIDEWALK, 5 FT. WIDE	310 LF	50.00	15,500.00	35.50	11,005.00	30.00	9,300.00	0.00	0.00
180	RAMP DETECTABLE WARNING	264 SF	21.00	5,544.00	22.00	5,808.00	21.00	5,544.00	0.00	0.00
181	SIGNING, PERMANENT	1 LS	*****	27,000.00	*****	23,420.00	*****	20,000.00	*****	0.00
182	REMOVAL OF EXISTING PAVEMENT MARKINGS	60 SF	22.00	1,320.00	9.50	570.00	9.20	552.00	0.00	0.00
183	PAVEMENT MARKING - DURABLE HEAT APPLIED	2287 SF	8.50	19,439.50	10.50	24,013.50	10.00	22,870.00	0.00	0.00
184	PAVEMENT MARKING - DURABLE INLAY TAPE	4867 SF	8.50	41,369.50	9.00	43,803.00	8.20	39,909.40	0.00	0.00
185	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	12 EA	175.00	2,100.00	142.00	1,704.00	135.00	1,620.00	0.00	0.00
<b>Schedule Totals</b>				1,906,973.91		1,891,289.50		2,034,340.90		0.00

<b>Project Number: 2014152</b>			<b>Engineer's Estimate</b>		Red Diamond Construction Inc		West Company, Inc_			
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

*Schedule Description*

*Tax Classification*

*Schedule 02*

201	DI PIPE FOR WATER MAIN 6 IN. DIAM.	894 LF	45.00	40,230.00	61.49	54,972.06	65.00	58,110.00	0.00	0.00
202	DI PIPE FOR WATER MAIN 8 IN. DIAM.	85 LF	55.00	4,675.00	70.00	5,950.00	80.00	6,800.00	0.00	0.00
203	DI PIPE FOR WATER MAIN 12 IN. DIAM.	1612 LF	60.00	96,720.00	47.50	76,570.00	55.00	88,660.00	0.00	0.00
204	DI PIPE FOR WATER MAIN 18 IN. DIAM.	4233 LF	95.00	402,135.00	96.00	406,368.00	80.00	338,640.00	0.00	0.00
205	DI PIPE FOR WATER MAIN 24 IN. DIAM.	93 LF	150.00	13,950.00	289.00	26,877.00	270.00	25,110.00	0.00	0.00
206	TRENCH SAFETY SYSTEM	1 LS	*****	2,000.00	*****	4,500.00	*****	2,500.00	*****	0.00
207	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	50 CY	9.00	450.00	0.01	0.50	20.00	1,000.00	0.00	0.00
208	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	50 CY	40.13	2,006.43	0.01	0.50	17.00	850.00	0.00	0.00
209	BLOWOFF ASSEMBLY	3 EA	5,700.00	17,100.00	2,000.00	6,000.00	6,000.00	18,000.00	0.00	0.00
210	REMOVAL OF EXISTING 6-12 IN. DIAM. WATER MAIN	2785 LF	6.00	16,710.00	7.00	19,495.00	10.00	27,850.00	0.00	0.00
211	REMOVAL OF EXISTING 18-24 IN. DIAM. WATER MAIN	4343 LF	8.00	34,744.00	10.00	43,430.00	15.00	65,145.00	0.00	0.00
212	GATE VALVE 6 IN.	23 EA	1,100.00	25,300.00	1,300.00	29,900.00	1,400.00	32,200.00	0.00	0.00
213	GATE VALVE 8 IN.	2 EA	1,600.00	3,200.00	2,000.00	4,000.00	1,800.00	3,600.00	0.00	0.00
214	GATE VALVE 12 IN.	6 EA	2,400.00	14,400.00	2,950.00	17,700.00	2,700.00	16,200.00	0.00	0.00
215	COMBINATION AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 18 IN.	1 EA	3,600.00	3,600.00	1,900.00	1,900.00	2,700.00	2,700.00	0.00	0.00
216	HYDRANT ASSEMBLY	3 EA	4,500.00	13,500.00	4,800.00	14,400.00	6,500.00	19,500.00	0.00	0.00
217	HYDRANT OFFSET ASSEMBLY	4 EA	1,200.00	4,800.00	2,100.00	8,400.00	2,000.00	8,000.00	0.00	0.00
218	RECONNECT EXISTING HYDRANT ASSEMBLY	1 EA	2,700.00	2,700.00	2,500.00	2,500.00	1,400.00	1,400.00	0.00	0.00
219	REMOVE EXISTING HYDRANT ASSEMBLY	4 EA	600.00	2,400.00	1,400.00	5,600.00	1,000.00	4,000.00	0.00	0.00

<b>Project Number: 2014152</b>		<b>Engineer's Estimate</b>		Red Diamond Construction Inc	West Company, Inc_					
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

**Schedule Description**

**Tax Classification**

**Schedule 02**

220	TRENCH EXCAVATION FOR WATER SERVICE TAP	162 CY	16.00	2,592.00	30.00	4,860.00	45.00	7,290.00	0.00	0.00
221	REMOVE AND REPLACE CURB SECTION FOR WATER SERVICE	6 EA	240.00	1,440.00	260.00	1,560.00	300.00	1,800.00	0.00	0.00
222	REMOVE AND REPLACE SIDEWALK SECTION FOR WATER SERVICE	6 EA	340.00	2,040.00	260.00	1,560.00	575.00	3,450.00	0.00	0.00
223	REMOVE AND REPLACE INTEGRAL CURB AND SIDEWALK SECTION FOR WATER SERVICE	10	510.00	5,100.00	475.00	4,750.00	750.00	7,500.00	0.00	0.00
<b>Schedule Totals</b>				711,792.43		741,293.06		740,305.00		0.00

**Project Number**      **2014152**      **Rowan Avenue Rehabilitation Phase 2**

**SCHEDULE SUMMARY**

	<b>Sched 1</b>	<b>Sched 2</b>	<b>Sched 3</b>	<b>Sched 4</b>	<b>Sched 5</b>	<b>Sched 6</b>	<b>Sched 7</b>	<b>Sched 8</b>	<b>Total</b>
<b>Engineer's Est</b>	1,906,973.91	711,792.43	0.00	0.00	0.00	0.00	0.00	0.00	2,618,766.34
Halme Construction Inc	1,767,242.05	589,292.00	0.00	0.00	0.00	0.00	0.00	0.00	2,356,534.05
T LaRiviere Equipment	1,720,049.40	685,437.50	0.00	0.00	0.00	0.00	0.00	0.00	2,405,486.90
Murphy Brothers Inc	1,822,778.50	704,197.00	0.00	0.00	0.00	0.00	0.00	0.00	2,526,975.50
Red Diamond Construc	1,891,289.50	741,293.06	0.00	0.00	0.00	0.00	0.00	0.00	2,632,582.56
West Company, Inc.	2,034,340.90	740,305.00	0.00	0.00	0.00	0.00	0.00	0.00	2,774,645.90

**Low Bid Contractor:** Halme Construction Inc

	<b>Contractor's Bid</b>	<b>Engineer's Estimate</b>	<b>% Variance</b>
<b>Schedule 01</b>	\$1,767,242.05	\$1,906,973.91	7.33 % Under Estimate
<b>Schedule 02</b>	\$640,560.40	\$773,718.37	17.21 % Under Estimate
<b>Bid Totals</b>	\$2,407,802.45	\$2,680,692.28	10.18 % Under Estimate