

City Of Spokane
Engineering Services Department

***** Bid Tabulation *****

Project Number: 2014107

Project Description: Lincoln Monroe 2nd to Main

Original Date: 9/2/2015 12:00:58 PM

Funding Source: Federal

Update Date: 4/18/2016 1:43:26 PM

Preparer: Mark Melnick

Addendum:

Project Number: 2014107			Engineer's Estimate		T LaRiviere Equipment & Excavation Inc		Red Diamond Construction Inc		Murphy Brothers Inc	
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description

Tax Classification

Schedule 01 Street

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	1.00
102	SPCC PLAN	1 LS	*****	1,200.00	*****	1,500.00	*****	900.00	*****	1,000.00
103	POTHOLING	104 EA	350.00	36,400.00	225.00	23,400.00	200.00	20,800.00	400.00	41,600.00
104	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	10,000.00	*****	35,000.00	*****	7,000.00	*****	35,000.00
105	REFERENCE AND REESTABLISH SURVEY MONUMENT	10 EA	500.00	5,000.00	2,500.00	25,000.00	500.00	5,000.00	500.00	5,000.00
106	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	1,500.00	*****	6,000.00	*****	3,000.00	*****	3,300.00
107	MOBILIZATION	1 LS	*****	216,903.00	*****	185,000.00	*****	300,000.00	*****	319,179.33
108	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	90,000.00	*****	60,000.00	*****	105,000.00	*****	175,000.00
109	SPECIAL SIGNS	600 SF	20.00	12,000.00	12.00	7,200.00	10.00	6,000.00	13.00	7,800.00
110	PORTABLE CHANGEABLE MESSAGE SIGN	720 HR	4.00	2,880.00	5.00	3,600.00	3.00	2,160.00	3.25	2,340.00
111	TYPE III BARRICADE	40 EA	50.00	2,000.00	40.00	1,600.00	30.00	1,200.00	35.00	1,400.00
112	AIR OR HYDRO EVACUATION	5 EA	500.00	2,500.00	500.00	2,500.00	675.00	3,375.00	650.00	3,250.00
113	TREE PROTECTION ZONE	5 EA	200.00	1,000.00	200.00	1,000.00	25.00	125.00	525.00	2,625.00
114	TREE PRUNING	28 EA	250.00	7,000.00	500.00	14,000.00	300.00	8,400.00	270.00	7,560.00

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<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> Street					Sales tax shall be included in unit prices					
115	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	15,000.00	*****	8,500.00	*****	20,000.00	*****	5,000.00
116	REMOVE EXISTING CURB	2657 LF	6.00	15,942.00	11.00	29,227.00	10.00	26,570.00	9.50	25,241.50
117	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	1531 SY	12.00	18,372.00	13.00	19,903.00	11.00	16,841.00	9.00	13,779.00
118	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	26 EA	300.00	7,800.00	500.00	13,000.00	600.00	15,600.00	600.00	15,600.00
119	REMOVE EXISTING 8 IN. STORM OR SANITARY PIPE	905 LF	6.00	5,430.00	12.00	10,860.00	14.00	12,670.00	9.00	8,145.00
120	SAWCUTTING CURB	86 EA	35.00	3,010.00	35.00	3,010.00	45.00	3,870.00	30.00	2,580.00
121	SAWCUTTING FLEXIBLE PAVEMENT	63480 LFI	0.75	47,610.00	0.48	30,470.40	0.37	23,487.60	0.30	19,044.00
122	REMOVE AND DISPOSE OF TROLLEY RAILS	880 LF	20.00	17,600.00	24.00	21,120.00	50.00	44,000.00	15.50	13,640.00
123	ROADWAY EXCAVATION INCL. HAUL	8072 CY	18.00	145,296.00	15.00	121,080.00	24.00	193,728.00	25.00	201,800.00
124	REMOVE UNSUITABLE FOUNDATION MATERIAL	9 CY	19.00	171.00	15.00	135.00	45.00	405.00	100.00	900.00
125	REPLACE UNSUITABLE FOUNDATION MATERIAL	9 CY	22.00	198.00	21.00	189.00	45.00	405.00	100.00	900.00
126	PREPARATION OF UNTREATED ROADWAY	19736 SY	1.75	34,538.00	1.45	28,617.20	2.26	44,603.36	1.60	31,577.60
127	CRUSHED SURFACING TOP COURSE	1105 CY	47.00	51,935.00	35.00	38,675.00	45.00	49,725.00	40.00	44,200.00
128	CRUSHED SURFACING BASE COURSE	2765 CY	39.00	107,835.00	30.00	82,950.00	45.00	124,425.00	36.00	99,540.00
129	CSTC FOR SIDEWALK AND DRIVEWAYS	204 CY	40.00	8,160.00	50.00	10,200.00	50.00	10,200.00	95.00	19,380.00
130	HMA CL. 1/2 IN. PG 64-28, 3 INCH THICK	236 SY	21.00	4,956.00	38.00	8,968.00	38.00	8,968.00	33.50	7,906.00
131	HMA CL. 1/2 IN. PG 70-28, 7 INCH THICK	19900 SY	32.00	636,800.00	28.00	557,200.00	29.00	577,100.00	25.90	515,410.00
132	HMA FOR TRANSITION, CL. 1/2 IN. PG 64-28, 2 INCH THICK	16 SY	15.00	240.00	50.00	800.00	100.00	1,600.00	110.00	1,760.00
133	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

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134	COMPACTION PRICE ADJUSTMENT	1 EST	12,736.00	12,736.00	12,736.00	12,736.00	12,736.00	12,736.00	12,736.00	12,736.00
135	MANHOLE TYPE1-48, BASIC PRICE	8 EA	3,200.00	25,600.00	2,000.00	16,000.00	4,500.00	36,000.00	4,800.00	38,400.00
136	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN ASPHALT	25 EA	285.00	7,125.00	300.00	7,500.00	400.00	10,000.00	315.00	7,875.00
137	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN CONCRETE	5 EA	300.00	1,500.00	350.00	1,750.00	500.00	2,500.00	450.00	2,250.00
138	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, OR INLET IN ASPHALT	47 EA	485.00	22,795.00	550.00	25,850.00	800.00	37,600.00	460.00	21,620.00
139	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, OR INLET IN CONCRETE	3 EA	500.00	1,500.00	600.00	1,800.00	850.00	2,550.00	470.00	1,410.00
140	CATCH BASIN TYPE 1	21 EA	1,900.00	39,900.00	1,700.00	35,700.00	2,300.00	48,300.00	2,500.00	52,500.00
141	CATCH BASIN TYPE 3	1 EA	2,500.00	2,500.00	2,100.00	2,100.00	2,500.00	2,500.00	2,800.00	2,800.00
142	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	1 EA	600.00	600.00	650.00	650.00	850.00	850.00	835.00	835.00
143	VALVE BOX AND COVER	25 EA	375.00	9,375.00	400.00	10,000.00	200.00	5,000.00	450.00	11,250.00
144	MANHOLE TEST	8 EA	550.00	4,400.00	250.00	2,000.00	100.00	800.00	500.00	4,000.00
145	CLEANING EXISTING DRAINAGE STRUCTURE	5 EA	325.00	1,625.00	300.00	1,500.00	400.00	2,000.00	325.00	1,625.00
146	EXTRA WORK ALLOWANCE FOR ROCK EXCAVATION - TRENCHES	150 CY	80.00	12,000.00	300.00	45,000.00	50.00	7,500.00	150.00	22,500.00
147	REMOVE UNSUITABLE FOUNDATION MATERIAL - TRENCHES	18 CY	20.00	360.00	18.00	324.00	35.00	630.00	25.00	450.00
148	REPLACE UNSUITABLE FOUNDATION MATERIAL - TRENCHES	18 CY	15.00	270.00	24.00	432.00	35.00	630.00	35.00	630.00
149	IMPORTED BACKFILL - TRENCHES	24 CY	17.00	408.00	50.00	1,200.00	50.00	1,200.00	25.00	600.00
150	TRENCH SAFETY SYSTEM	1 LS	*****	15,000.00	*****	1,500.00	*****	30,000.00	*****	3,800.00

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Schedule 01 Street					Sales tax shall be included in unit prices					
151	CATCH BASIN SEWER PIPE 8 IN. DIAM.	810 LF	38.00	30,780.00	48.00	38,880.00	28.00	22,680.00	110.00	89,100.00
152	CONNECT 8 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL OR MANHOLE	3 EA	425.00	1,275.00	300.00	900.00	600.00	1,800.00	825.00	2,475.00
153	PLUGGING EXISTING PIPE	6 EA	150.00	900.00	125.00	750.00	200.00	1,200.00	160.00	960.00
154	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	15,000.00	*****	6,500.00	*****	61,000.00	*****	5,600.00
155	CLEANING EXISTING SANITARY SEWER	8 EA	600.00	4,800.00	300.00	2,400.00	450.00	3,600.00	350.00	2,800.00
156	ESC LEAD	1 LS	*****	1,200.00	*****	1,500.00	*****	26,000.00	*****	1,500.00
157	INLET PROTECTION	36 EA	60.00	2,160.00	100.00	3,600.00	120.00	4,320.00	65.00	2,340.00
158	STREET CLEANING	240 HR	150.00	36,000.00	155.00	37,200.00	20.00	4,800.00	175.00	42,000.00
159	IRRIGATION SYSTEM - LINCOLN/MONROE	1 LS	*****	40,000.00	*****	130,000.00	*****	132,000.00	*****	180,000.00
160	CEMENT CONCRETE CURB	1050 LF	18.00	18,900.00	22.00	23,100.00	18.00	18,900.00	14.50	15,225.00
161	CEMENT CONC. CURB AND GUTTER	1595 LF	20.00	31,900.00	21.00	33,495.00	28.00	44,660.00	25.00	39,875.00
162	CEMENT CONCRETE DRIVEWAY	63 SY	45.00	2,835.00	55.00	3,465.00	50.00	3,150.00	36.50	2,299.50
163	CEMENT CONC. SIDEWALK	1781 SY	28.00	49,868.00	33.00	58,773.00	36.00	64,116.00	35.25	62,780.25
164	RAMP DETECTABLE WARNING	398 SF	24.00	9,552.00	18.00	7,164.00	25.00	9,950.00	21.00	8,358.00
165	REINSTALL METER - STANDARD SIDEWALK	65 EA	125.00	8,125.00	450.00	29,250.00	120.00	7,800.00	325.00	21,125.00
166	REINSTALL METER - STRUCTURAL SIDEWALK	5 EA	100.00	500.00	1,500.00	7,500.00	150.00	750.00	500.00	2,500.00
167	EXTRA WORK ALLOWANCE FOR SIDEWALK CONNECTION	10 EA	300.00	3,000.00	650.00	6,500.00	100.00	1,000.00	2,500.00	25,000.00
168	CURB RAMP OVERLAY	1 LS	*****	3,000.00	*****	1,500.00	*****	1,700.00	*****	1,350.00
169	TRAFFIC SIGNAL SYSTEM, MONROE ST & RIVERSIDE AVE	1 LS	*****	50,000.00	*****	43,000.00	*****	41,000.00	*****	43,500.00

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170	TRAFFIC SIGNAL SYSTEM, MONROE ST & SPRAGUE AVE	1 LS	*****	45,000.00	*****	35,000.00	*****	33,000.00	*****	36,000.00
171	TRAFFIC SIGNAL SYSTEM, MONROE ST & FIRST AVE	1 LS	*****	45,000.00	*****	35,000.00	*****	33,000.00	*****	36,000.00
172	TRAFFIC SIGNAL SYSTEM, LINCOLN ST & RIVERSIDE AVE	1 LS	*****	45,000.00	*****	38,000.00	*****	36,500.00	*****	40,000.00
173	TRAFFIC SIGNAL SYSTEM, LINCOLN ST & SPRAGUE AVE	1 LS	*****	45,000.00	*****	35,000.00	*****	33,200.00	*****	35,000.00
174	TRAFFIC SIGNAL SYSTEM, LINCOLN ST & FIRST AVE	1 LS	*****	45,000.00	*****	36,000.00	*****	33,500.00	*****	36,000.00
175	ILLUMINATION SYSTEM, MONROE ST	1 LS	*****	260,000.00	*****	200,000.00	*****	191,500.00	*****	207,500.00
176	ILLUMINATION SYSTEM, LINCOLN ST	1 LS	*****	240,000.00	*****	185,000.00	*****	176,000.00	*****	195,000.00
177	COMMUNICATION CONDUIT SYSTEM	1 LS	*****	80,000.00	*****	80,000.00	*****	75,000.00	*****	85,000.00
178	COMMUNICATION CABLES AND INTERFACES	1 LS	*****	15,000.00	*****	7,000.00	*****	6,000.00	*****	7,500.00
179	LIGHTING CONDUIT SYSTEM, MONROE ST	1 LS	*****	65,000.00	*****	50,000.00	*****	47,000.00	*****	55,000.00
180	LIGHTING CONDUIT SYSTEM, LINCOLN ST	1 LS	*****	65,000.00	*****	55,000.00	*****	52,000.00	*****	65,000.00
181	SIGNING, PERMANENT	1 LS	*****	30,000.00	*****	30,000.00	*****	30,000.00	*****	30,000.00
182	REMOVAL OF EXISTING PAVEMENT MARKINGS	58 SF	4.00	232.00	10.00	580.00	7.50	435.00	8.00	464.00
183	REMOVAL OF EXISTING WORD AND SYMBOL MARKINGS	5 EA	200.00	1,000.00	150.00	750.00	150.00	750.00	137.50	687.50
184	PAVEMENT MARKING - DURABLE HEAT APPLIED	4652 SF	10.00	46,520.00	7.75	36,053.00	8.25	38,379.00	8.25	38,379.00
185	PAVEMENT MARKING - PAINT	617 SF	1.00	617.00	2.00	1,234.00	1.50	925.50	1.60	987.20
186	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	20 EA	200.00	4,000.00	165.00	3,300.00	175.00	3,500.00	175.00	3,500.00
187	TEMPORARY PAVEMENT MARKING	1 LS	*****	2,000.00	*****	2,500.00	*****	4,500.00	*****	4,000.00
Schedule Totals				3,011,134.00		2,782,640.60		3,083,569.46		3,241,543.88

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Schedule Description				Tax Classification						
Schedule 03 Utilities				Sales tax shall NOT be included in unit prices						
301	EXTRA WORK ALLOWANCE FOR ROCK EXCAVATION - TRENCHES	150 CY	80.00	12,000.00	300.00	45,000.00	50.00	7,500.00	150.00	22,500.00
302	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL - TRENCHES	60 CY	20.00	1,200.00	15.00	900.00	40.00	2,400.00	25.00	1,500.00
303	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL- TRENCHES	60 CY	15.00	900.00	24.00	1,440.00	45.00	2,700.00	36.00	2,160.00
304	IMPORTED BACKFILL - TRENCHES	140 CY	17.00	2,380.00	24.00	3,360.00	35.00	4,900.00	30.00	4,200.00
305	TRENCH SAFETY SYSTEM	1 LS	*****	15,000.00	*****	1,500.00	*****	25,000.00	*****	8,500.00
306	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	15,000.00	*****	6,000.00	*****	20,000.00	*****	25,000.00
307	DI PIPE FOR WATER MAIN 8 IN. DIAM.	725 LF	40.00	29,000.00	65.00	47,125.00	72.85	52,816.25	145.00	105,125.00
308	DI PIPE FOR WATER MAIN 12 IN. DIAM.	1675 LF	70.00	117,250.00	75.00	125,625.00	84.75	141,956.25	160.00	268,000.00
309	REMOVAL OF EXISTING 6 IN. DIAM. WATER MAIN	430 LF	7.00	3,010.00	8.00	3,440.00	10.00	4,300.00	15.50	6,665.00
310	REMOVAL OF EXISTING 8 IN. DAIM. WATER MAIN	160 LF	7.00	1,120.00	8.00	1,280.00	10.00	1,600.00	15.50	2,480.00
311	REMOVAL OF EXISTING 10 IN. DAIM. WATER MAIN	1405 LF	7.00	9,835.00	8.00	11,240.00	10.00	14,050.00	15.50	21,777.50
312	REMOVAL OF EXISTING 12 IN. DAIM. WATER MAIN	125 LF	5.00	625.00	8.00	1,000.00	10.00	1,250.00	15.50	1,937.50
313	GATE VALVE 4 IN.	1 EA	1,000.00	1,000.00	850.00	850.00	2,400.00	2,400.00	1,750.00	1,750.00
314	GATE VALVE 8 IN.	3 EA	1,620.00	4,860.00	1,400.00	4,200.00	2,800.00	8,400.00	2,750.00	8,250.00
315	GATE VALVE 12 IN.	15 EA	2,500.00	37,500.00	1,500.00	22,500.00	3,100.00	46,500.00	3,500.00	52,500.00
316	HYDRANT ASSEMBLY	5 EA	4,500.00	22,500.00	4,800.00	24,000.00	5,700.00	28,500.00	10,000.00	50,000.00
317	RECONNECT EXISTING HYDRANT	13 EA	2,400.00	31,200.00	3,000.00	39,000.00	2,800.00	36,400.00	5,000.00	65,000.00
Schedule Totals				304,380.00		338,460.00		400,672.50		647,345.00

Project Number **2014107**

Lincoln Monroe 2nd to Main

SCHEDULE SUMMARY

	Sched 1	Sched 2	Sched 3	Sched 4	Sched 5	Sched 6	Sched 7	Sched 8	Total
Engineer's Est	3,011,134.00	0.00	304,380.00	0.00	0.00	0.00	0.00	0.00	3,315,514.00
T LaRiviere Equipment	2,782,640.60	0.00	338,460.00	0.00	0.00	0.00	0.00	0.00	3,121,100.60
Red Diamond Construc	3,083,569.46	0.00	400,672.50	0.00	0.00	0.00	0.00	0.00	3,484,241.96
Murphy Brothers Inc	3,241,543.88	0.00	647,345.00	0.00	0.00	0.00	0.00	0.00	3,888,888.88

Low Bid Contractor: T LaRiviere Equipment & Excavation Inc

	Contractor's Bid	Engineer's Estimate	% Variance
Schedule 01	\$2,782,640.60	\$3,011,134.00	7.59 % Under Estimate
Schedule 03	\$367,906.02	\$330,861.06	11.20 % Over Estimate
Bid Totals	\$3,150,546.62	\$3,341,995.06	5.73 % Under Estimate