

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

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

**Project Number:** 2016119

**Project Description:** Howard Street South Channel Bridge

**Original Date:** 6/2/2016 8:12:25 AM

**Funding Source:** Local

**Update Date:** 7/11/2016 2:39:53 PM

**Preparer:** Kimberly Richards

**Addendum**

<b>Project Number:</b> 2016119			<b>Engineer's Estimate</b>		T LaRiviere Equipment & Excavation Inc		West Company, Inc_		Max J Kuney Company	
<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	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
102	TYPE B PROGRESS SCHEDULE	1	LS	*****	5,000.00	*****	6,500.00	*****	5,000.00	*****
103	STRUCTURE SURVEYING	1	LS	*****	24,000.00	*****	20,000.00	*****	25,000.00	*****
104	ROADWAY SURVEYING	1	LS	*****	12,000.00	*****	12,000.00	*****	15,000.00	*****
105	REFERENCE AND REESTABLISH SURVEY MONUMENT	1	EA	2,000.00	2,000.00	2,500.00	2,500.00	500.00	500.00	250.00
106	SPCC PLAN	1	LS	*****	2,000.00	*****	2,000.00	*****	2,500.00	*****
107	ARCHAEOLOGICAL AND HISTORICAL SALVAGE	1	EST	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
108	RECORD DRAWINGS (MINIMUM BID \$6000)	1	LS	*****	6,000.00	*****	15,000.00	*****	6,000.00	*****
109	MOBILIZATION	1	LS	*****	460,501.10	*****	450,000.00	*****	504,000.00	*****
110	FIELD OFFICE BUILDING	1	LS	*****	40,000.00	*****	25,000.00	*****	10,000.00	*****
111	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	*****	29,000.00	*****	20,000.00	*****	10,000.00	*****
112	TRAFFIC CONTROL SUPERVISOR	1	LS	*****	9,000.00	*****	65.00	*****	10,000.00	*****
113	CONSTRUCTION SIGNS CLASS A	256	SF	16.00	4,096.00	12.00	3,072.00	25.00	6,400.00	15.00
114	TYPE III BARRICADE	4	EA	350.00	1,400.00	80.00	320.00	250.00	1,000.00	250.00

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115	TRAFFIC SAFETY DRUM	60 EA	55.00	3,300.00	20.00	1,200.00	50.00	3,000.00	50.00	3,000.00
116	TALL CHANNELIZING DEVICE	40 EA	20.00	800.00	10.00	400.00	50.00	2,000.00	20.00	800.00
117	ESC LEAD	1 LS	*****	5,000.00	*****	2,500.00	*****	1,000.00	*****	50,000.00
118	CLEARING AND GRUBBING	1 LS	*****	10,000.00	*****	8,500.00	*****	50,000.00	*****	50,000.00
119	EROSION/WATER POLLUTION CONTROL	1 EST	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00
120	SILT FENCE	660 LF	5.00	3,300.00	3.00	1,980.00	15.00	9,900.00	5.00	3,300.00
121	INLET PROTECTION	3 EA	150.00	450.00	125.00	375.00	150.00	450.00	100.00	300.00
122	PLASTIC COVERING	1100 SY	5.00	5,500.00	6.00	6,600.00	2.00	2,200.00	3.00	3,300.00
123	COIR LOG	350 LF	10.00	3,500.00	5.00	1,750.00	15.00	5,250.00	25.00	8,750.00
124	LINED BIOINFILTRATION POND	9200 SF	6.00	55,200.00	5.00	46,000.00	10.00	92,000.00	3.00	27,600.00
125	LINED SUBSURFACE DRAIN TRENCH	190 LF	25.00	4,750.00	65.00	12,350.00	45.00	8,550.00	70.00	13,300.00
126	TURBIDITY CURTAIN	360 LF	100.00	36,000.00	62.00	22,320.00	50.00	18,000.00	150.00	54,000.00
127	STABILIZED CONSTRUCTION ENTRANCE	350 SY	15.00	5,250.00	9.00	3,150.00	50.00	17,500.00	15.00	5,250.00
128	CONCRETE WASHOUT AREA	2 EA	1,500.00	3,000.00	500.00	1,000.00	2,500.00	5,000.00	2,000.00	4,000.00
129	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	8,000.00	*****	8,500.00	*****	25,000.00	*****	60,000.00
130	ABANDON DRYWELL IN-PLACE	2 EA	300.00	600.00	500.00	1,000.00	250.00	500.00	2,000.00	4,000.00
131	REMOVAL OF IN-CHANNEL DEBRIS	1 EST	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00
132	SAWCUTTING FLEXIBLE PAVEMENT	1320 LFI	1.00	1,320.00	1.00	1,320.00	0.25	330.00	1.50	1,980.00
133	SAWCUTTING RIGID PAVEMENT	1220 LFI	1.00	1,220.00	1.00	1,220.00	1.00	1,220.00	2.00	2,440.00

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<i>Schedule 01</i> Addendum No. 1				Sales tax shall be included in unit prices						
134	REMOVAL OF PAVEMENT, SIDEWALKS, CURBS, AND GUTTERS	575 SY	20.00	11,500.00	9.00	5,175.00	50.00	28,750.00	13.00	7,475.00
135	TREE PROTECTION ZONE	39 EA	200.00	7,800.00	100.00	3,900.00	250.00	9,750.00	50.00	1,950.00
136	ROADWAY EXCAVATION INCL. HAUL	2650 CY	45.00	119,250.00	14.00	37,100.00	25.00	66,250.00	20.00	53,000.00
137	HAUL AND DISPOSAL OF CONTAMINATED SOILS	1900 TO	100.00	190,000.00	85.00	161,500.00	42.00	79,800.00	45.00	85,500.00
138	TEMPORARY CHAIN LINK FENCE	1740 LF	10.00	17,400.00	4.00	6,960.00	10.00	17,400.00	5.00	8,700.00
139	REMOVING EXISTING BRIDGE (HOWARD STREET SOUTH CHANNEL BRIDGE)	1 LS	*****	703,300.00	*****	685,000.00	*****	500,000.00	*****	250,000.00
140	REMOVING SHAFT OBSTRUCTIONS	1 EST	44,690.00	44,690.00	44,690.00	44,690.00	44,690.00	44,690.00	44,690.00	44,690.00
141	STRUCTURE EXCAVATION CLASS A INCL. HAUL	320 CY	25.00	8,000.00	38.00	12,160.00	50.00	16,000.00	55.00	17,600.00
142	ROCK PREPARATION AT PIER 4	1 EST	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
143	SOIL EXCAVATION FOR SHAFT INCLUDING HAUL	28 CY	450.00	12,600.00	2,275.00	63,700.00	175.00	4,900.00	3,700.00	103,600.00
144	ROCK EXCAVATION FOR SHAFT INCLUDING HAUL	40 CY	750.00	30,000.00	6,000.00	240,000.00	250.00	10,000.00	5,500.00	220,000.00
145	FURNISHING AND PLACING TEMPORARY CASING FOR 3'-0" DIAM. SHAFT	60 LF	350.00	21,000.00	410.00	24,600.00	600.00	36,000.00	300.00	18,000.00
146	SHORING OR EXTRA EXCAVATION CL. A	1270 SF	15.00	19,050.00	8.00	10,160.00	10.00	12,700.00	12.00	15,240.00
147	FURNISHING PERMANENT CASING FOR 3'-0" DIAMETER SHAFT	150 LF	1,000.00	150,000.00	627.00	94,050.00	260.00	39,000.00	400.00	60,000.00
148	GRAVEL BACKFILL FOR WALLS	360 CY	30.00	10,800.00	75.00	27,000.00	45.00	16,200.00	24.00	8,640.00
149	PLACING PERMANENT CASING FOR 3'-0" DIAM. SHAFT	6 EA	20,000.00	120,000.00	400.00	2,400.00	58,000.00	348,000.00	25,000.00	150,000.00
150	ST. REINF. BAR FOR BRIDGE	53840 LB	1.30	69,992.00	0.15	8,076.00	1.00	53,840.00	1.00	53,840.00

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151	ST. REINF. BAR FOR PLANTER RETAINING WALL	560 LB	1.30	728.00	2.00	1,120.00	1.00	560.00	1.00	560.00
152	ST. REINF. BAR FOR SHAFT	30710 LB	1.30	39,923.00	1.25	38,387.50	1.00	30,710.00	1.00	30,710.00
153	CSL TEST	10 EA	1,500.00	15,000.00	1,564.00	15,640.00	2,500.00	25,000.00	500.00	5,000.00
154	CSL ACCESS TUBE	730 LF	15.00	10,950.00	4.00	2,920.00	15.00	10,950.00	12.00	8,760.00
155	LEAN CONCRETE	60 CY	90.00	5,400.00	138.00	8,280.00	300.00	18,000.00	150.00	9,000.00
156	CONC. CLASS 4000P FOR SHAFT	110 CY	500.00	55,000.00	817.00	89,870.00	265.00	29,150.00	200.00	22,000.00
157	CONC. CLASS 4000 FOR PLANTER RETAINING WALL	2 CY	500.00	1,000.00	337.00	674.00	1,500.00	3,000.00	1,500.00	3,000.00
158	DEFICIENT STRENGTH CONC. PRICE ADJUSTMENT	-1 CAL	1.00	-1.00	1.00	-1.00	1.00	-1.00	1.00	-1.00
159	PRESTRESSED CONC. GIRDER 26" VOIDED SLAB	2440 LF	320.00	780,800.00	400.00	976,000.00	375.00	915,000.00	400.00	976,000.00
160	SUPERSTRUCTURE (HOWARD STREET SOUTH CHANNEL BRIDGE)	1 LS	*****	390,000.00	*****	225,000.00	*****	250,000.00	*****	500,000.00
161	CONC. CLASS 4000 FOR BRIDGE	200 CY	500.00	100,000.00	1,100.00	220,000.00	750.00	150,000.00	225.00	45,000.00
162	CONC. CLASS 4000W FOR BRIDGE	70 CY	500.00	35,000.00	200.00	14,000.00	200.00	14,000.00	150.00	10,500.00
163	ARCHITECTURAL GET DOWN AMENITY	1 LS	*****	122,340.00	*****	115,000.00	*****	125,000.00	*****	200,000.00
164	ARCHITECTURAL GET EVEN AMENITY	1 LS	*****	43,560.00	*****	90,000.00	*****	75,000.00	*****	105,000.00
165	PRECAST FASCIA WALL PANELS	290 SF	30.00	8,700.00	41.00	11,890.00	75.00	21,750.00	75.00	21,750.00
166	PEDESTRIAN RAILING AND CURB	274 LF	300.00	82,200.00	350.00	95,900.00	400.00	109,600.00	650.00	178,100.00
167	EXPOSED AGGREGATE TOPPING SLAB	1940 SF	40.00	77,600.00	15.00	29,100.00	10.00	19,400.00	12.00	23,280.00
168	SAWCUTTING AND REMOVAL OF PORTIONS OF NORTHEAST WINGWALL	1 LS	*****	12,000.00	*****	2,100.00	*****	5,000.00	*****	12,000.00

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169	TEMPORARY IN-RIVER ACCESS	1 LS	*****	500,000.00	*****	51,000.00	*****	515,000.00	*****	200,000.00
170	CONDUIT PIPE 4 IN. DIAM	2780 LF	10.00	27,800.00	12.00	33,360.00	16.50	45,870.00	14.00	38,920.00
171	CONDUIT PIPE 6 IN. DIAM	1475 LF	14.00	20,650.00	20.00	29,500.00	14.00	20,650.00	16.00	23,600.00
172	UTILITY VAULT - LARGE	2 EA	12,000.00	24,000.00	12,000.00	24,000.00	8,500.00	17,000.00	10,000.00	20,000.00
173	UTILITY VAULT - SMALL	3 EA	5,000.00	15,000.00	1,100.00	3,300.00	7,500.00	22,500.00	5,500.00	16,500.00
174	CRUSHED SURFACING TOP COURSE	230 CY	30.00	6,900.00	35.00	8,050.00	75.00	17,250.00	62.00	14,260.00
175	PERMEABLE BALLAST	80 CY	35.00	2,800.00	45.00	3,600.00	60.00	4,800.00	90.00	7,200.00
176	BALLAST	570 CY	30.00	17,100.00	42.00	23,940.00	50.00	28,500.00	30.00	17,100.00
177	GRAVITY BLOCK WALL	600 SF	45.00	27,000.00	60.00	36,000.00	20.00	12,000.00	45.00	27,000.00
178	COMMERCIAL HMA	235 TO	175.00	41,125.00	165.00	38,775.00	120.00	28,200.00	130.00	30,550.00
179	QUARRY SPALLS	5.5 TO	200.00	1,100.00	200.00	1,100.00	50.00	275.00	230.00	1,265.00
180	STREAMBED BOULDER ONE MAN	4 TO	200.00	800.00	300.00	1,200.00	250.00	1,000.00	230.00	920.00
181	CEMENT CONCRETE PEDESTRIAN CURB	50 LF	30.00	1,500.00	45.00	2,250.00	50.00	2,500.00	30.00	1,500.00
182	GEOTEXTILE FABRIC FOR DRAINAGE	2300 SF	6.00	13,800.00	3.50	8,050.00	0.25	575.00	1.00	2,300.00
183	ELECTRICAL AND ILLUMINATION SYSTEM FOR HOWARD STREET BRIDGE SOUTH	1 LS	*****	40,000.00	*****	80,000.00	*****	75,000.00	*****	75,000.00
184	TOPSOIL TYPE A - 21-IN. THICK	220 SY	20.00	4,400.00	36.00	7,920.00	35.00	7,700.00	25.00	5,500.00
185	BARK OR WOOD CHIP MULCH	15 CY	15.00	225.00	53.00	795.00	55.00	825.00	90.00	1,350.00
186	SOD INSTALLATION	1200 SY	6.00	7,200.00	12.00	14,400.00	15.00	18,000.00	6.00	7,200.00
187	PSIPE BETULA OCCIDENTALIS, 2.5 INCH CALIPER SHADE TREE	5 EA	30.00	150.00	435.00	2,175.00	430.00	2,150.00	750.00	3,750.00

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188	PSIPE CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' SHRUB, 2 GAL	26 EA	25.00	650.00	40.00	1,040.00	38.00	988.00	40.00	1,040.00
189	PSIPE CORNUS SERICEA 'KELSEYI' SHRUB, 2 GAL	13 EA	25.00	325.00	42.00	546.00	42.00	546.00	40.00	520.00
190	PSIPE ACHNATHERUM HYMENOIDES SHRUB, 1 GAL	70 EA	20.00	1,400.00	18.00	1,260.00	16.50	1,155.00	30.00	2,100.00
191	PSIPE BALSAMORHIZA SAGITTATA SHRUB, 1 GAL	70 EA	25.00	1,750.00	18.00	1,260.00	16.50	1,155.00	30.00	2,100.00
192	PSIPE CORNUS SERICEA SHRUB, 5 GAL	70 EA	50.00	3,500.00	55.00	3,850.00	52.00	3,640.00	55.00	3,850.00
193	PSIPE JUNCUS EFFUSUS SHRUB, 1 GAL	70 EA	25.00	1,750.00	18.00	1,260.00	16.50	1,155.00	30.00	2,100.00
194	PSIPE LEYMUS CINEREUS SHRUB, 1 GAL	70 EA	25.00	1,750.00	18.00	1,260.00	16.50	1,155.00	30.00	2,100.00
195	PSIPE MAHONIA AQUIFOLIUM SHRUB, 5 GAL	70 EA	50.00	3,500.00	55.00	3,850.00	52.00	3,640.00	55.00	3,850.00
196	PSIPE SALIX EXIGUA SHRUB, 5 GAL	70 EA	50.00	3,500.00	55.00	3,850.00	52.00	3,640.00	55.00	3,850.00
197	IRRIGATION SYSTEM	1 LS	*****	18,600.00	*****	15,000.00	*****	10,000.00	*****	6,500.00
198	TRENCH SAFETY SYSTEM	1 LS	*****	2,500.00	*****	2,000.00	*****	2,500.00	*****	500.00
199	EXTRA WORK ALLOWANCE FOR ROCK EXCAVATION - TRENCHES	40 CY	50.00	2,000.00	125.00	5,000.00	100.00	4,000.00	300.00	12,000.00
200	DUCTILE IRON PIPE FOR WATER MAIN 18-IN. DIAM.	110 LF	100.00	11,000.00	200.00	22,000.00	250.00	27,500.00	500.00	55,000.00
201	FUSIBLE PVC PIPE FOR WATER MAIN 18-IN. DIAM.	195 LF	100.00	19,500.00	65.00	12,675.00	300.00	58,500.00	200.00	39,000.00
202	COMBINATION AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 2 IN.	1 EA	5,000.00	5,000.00	8,500.00	8,500.00	5,000.00	5,000.00	6,200.00	6,200.00
203	HYDRANT ASSEMBLY	1 EA	2,000.00	2,000.00	4,700.00	4,700.00	4,000.00	4,000.00	5,100.00	5,100.00
204	EXCAVATION AND SHORING, INCL. HAUL	1 LS	*****	2,500.00	*****	48,000.00	*****	5,000.00	*****	19,000.00
205	EXPANSION JOINT	1 EA	12,000.00	12,000.00	15,000.00	15,000.00	7,500.00	7,500.00	1,500.00	1,500.00

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206	WATER VAULT	1 EA	15,000.00	15,000.00	6,500.00	6,500.00	11,500.00	11,500.00	12,000.00	12,000.00
207	CONCRETE RESTRAINT BLOCK	1 LS	*****	5,000.00	*****	15,000.00	*****	3,000.00	*****	8,000.00
208	DUCTILE IRON PIPE FOR WATER MAIN 6-IN. DIAMETER	50 LF	30.00	1,500.00	65.00	3,250.00	30.00	1,500.00	1,800.00	90,000.00
209	WSDOT CATCH BASIN TYPE 1	3 EA	1,500.00	4,500.00	1,800.00	5,400.00	1,000.00	3,000.00	1,100.00	3,300.00
210	FRAME AND GRATE FOR CATCH BASIN OR GRATE INLET	3 EA	200.00	600.00	650.00	1,950.00	500.00	1,500.00	450.00	1,350.00
211	MANHOLE TYPE I-48, BASIC PRICE	1 EA	4,000.00	4,000.00	2,200.00	2,200.00	2,500.00	2,500.00	3,000.00	3,000.00
212	MANHOLE TEST	1 EA	750.00	750.00	550.00	550.00	500.00	500.00	550.00	550.00
213	UNDERDRAIN PIPE 6-INCH DIAMETER	132 LF	40.00	5,280.00	55.00	7,260.00	15.00	1,980.00	15.00	1,980.00
214	DUCTILE IRON STORM SEWER PIPE 6-IN DIAM., INCL. STRUCTURAL EXCAVATION CLASS B	324 LF	30.00	9,720.00	48.00	15,552.00	35.00	11,340.00	50.00	16,200.00
<b>Schedule Totals</b>				5,068,894.10		4,737,101.50		5,040,388.00		5,059,609.00

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<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>

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**Tax Classification**

**Schedule 01**

Addendum No. 1

Sales tax shall be included in unit prices

101	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1	EST	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
102	TYPE B PROGRESS SCHEDULE	1	LS	*****	5,000.00	*****	5,000.00	*****	5,000.00	*****
103	STRUCTURE SURVEYING	1	LS	*****	24,000.00	*****	25,000.00	*****	30,000.00	*****
104	ROADWAY SURVEYING	1	LS	*****	12,000.00	*****	20,000.00	*****	15,000.00	*****
105	REFERENCE AND REESTABLISH SURVEY MONUMENT	1	EA	2,000.00	2,000.00	500.00	500.00	1,000.00	1,000.00	100.00
106	SPCC PLAN	1	LS	*****	2,000.00	*****	5,000.00	*****	3,000.00	*****
107	ARCHAEOLOGICAL AND HISTORICAL SALVAGE	1	EST	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
108	RECORD DRAWINGS (MINIMUM BID \$6000)	1	LS	*****	6,000.00	*****	6,000.00	*****	6,000.00	*****
109	MOBILIZATION	1	LS	*****	460,501.10	*****	510,000.00	*****	540,000.00	*****
110	FIELD OFFICE BUILDING	1	LS	*****	40,000.00	*****	20,000.00	*****	20,000.00	*****
111	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	*****	29,000.00	*****	50,000.00	*****	20,000.00	*****
112	TRAFFIC CONTROL SUPERVISOR	1	LS	*****	9,000.00	*****	40,000.00	*****	20,000.00	*****
113	CONSTRUCTION SIGNS CLASS A	256	SF	16.00	4,096.00	9.00	2,304.00	25.00	6,400.00	13.50
114	TYPE III BARRICADE	4	EA	350.00	1,400.00	25.00	100.00	175.00	700.00	100.00
115	TRAFFIC SAFETY DRUM	60	EA	55.00	3,300.00	25.00	1,500.00	40.00	2,400.00	20.00
116	TALL CHANNELIZING DEVICE	40	EA	20.00	800.00	20.00	800.00	30.00	1,200.00	9.50
117	ESC LEAD	1	LS	*****	5,000.00	*****	15,000.00	*****	8,000.00	*****
118	CLEARING AND GRUBBING	1	LS	*****	10,000.00	*****	4,500.00	*****	15,000.00	*****
119	EROSION/WATER POLLUTION CONTROL	1	EST	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00

<b>Project Number: 2016119</b>			<b>Engineer's Estimate</b>		Garco Construction Inc		Stellar J Corporation		Halme Construction 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

120	SILT FENCE	660 LF	5.00	3,300.00	5.00	3,300.00	3.00	1,980.00	4.00	2,640.00
121	INLET PROTECTION	3 EA	150.00	450.00	125.00	375.00	125.00	375.00	69.00	207.00
122	PLASTIC COVERING	1100 SY	5.00	5,500.00	8.00	8,800.00	2.50	2,750.00	0.60	660.00
123	COIR LOG	350 LF	10.00	3,500.00	14.00	4,900.00	9.00	3,150.00	2.43	850.50
124	LINED BIOINFILTRATION POND	9200 SF	6.00	55,200.00	2.50	23,000.00	6.00	55,200.00	7.45	68,540.00
125	LINED SUBSURFACE DRAIN TRENCH	190 LF	25.00	4,750.00	66.00	12,540.00	130.00	24,700.00	108.00	20,520.00
126	TURBIDITY CURTAIN	360 LF	100.00	36,000.00	70.00	25,200.00	75.00	27,000.00	333.00	119,880.00
127	STABILIZED CONSTRUCTION ENTRANCE	350 SY	15.00	5,250.00	20.00	7,000.00	23.00	8,050.00	28.00	9,800.00
128	CONCRETE WASHOUT AREA	2 EA	1,500.00	3,000.00	4,500.00	9,000.00	900.00	1,800.00	1,766.00	3,532.00
129	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	8,000.00	*****	19,000.00	*****	85,000.00	*****	100,000.00
130	ABANDON DRYWELL IN-PLACE	2 EA	300.00	600.00	19,000.00	38,000.00	1,250.00	2,500.00	287.00	574.00
131	REMOVAL OF IN-CHANNEL DEBRIS	1 EST	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00
132	SAWCUTTING FLEXIBLE PAVEMENT	1320 LFI	1.00	1,320.00	1.00	1,320.00	0.60	792.00	0.35	462.00
133	SAWCUTTING RIGID PAVEMENT	1220 LFI	1.00	1,220.00	1.00	1,220.00	1.25	1,525.00	1.00	1,220.00
134	REMOVAL OF PAVEMENT, SIDEWALKS, CURBS, AND GUTTERS	575 SY	20.00	11,500.00	13.00	7,475.00	45.00	25,875.00	0.35	201.25
135	TREE PROTECTION ZONE	39 EA	200.00	7,800.00	260.00	10,140.00	110.00	4,290.00	115.00	4,485.00
136	ROADWAY EXCAVATION INCL. HAUL	2650 CY	45.00	119,250.00	19.00	50,350.00	26.00	68,900.00	17.00	45,050.00
137	HAUL AND DISPOSAL OF CONTAMINATED SOILS	1900 TO	100.00	190,000.00	43.50	82,650.00	75.00	142,500.00	55.00	104,500.00
138	TEMPORARY CHAIN LINK FENCE	1740 LF	10.00	17,400.00	6.00	10,440.00	7.00	12,180.00	9.60	16,704.00

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**Schedule 01**

Addendum No. 1

Sales tax shall be included in unit prices

139	REMOVING EXISTING BRIDGE (HOWARD STREET SOUTH CHANNEL BRIDGE)	1 LS	*****	703,300.00	*****	527,995.00	*****	470,000.00	*****	493,909.00
140	REMOVING SHAFT OBSTRUCTIONS	1 EST	44,690.00	44,690.00	44,960.00	44,960.00	44,690.00	44,690.00	44,690.00	44,690.00
141	STRUCTURE EXCAVATION CLASS A INCL. HAUL	320 CY	25.00	8,000.00	52.50	16,800.00	40.00	12,800.00	23.00	7,360.00
142	ROCK PREPARATION AT PIER 4	1 EST	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
143	SOIL EXCAVATION FOR SHAFT INCLUDING HAUL	28 CY	450.00	12,600.00	2,350.00	65,800.00	2,000.00	56,000.00	2,900.00	81,200.00
144	ROCK EXCAVATION FOR SHAFT INCLUDING HAUL	40 CY	750.00	30,000.00	5,250.00	210,000.00	5,000.00	200,000.00	7,300.00	292,000.00
145	FURNISHING AND PLACING TEMPORARY CASING FOR 3'-0" DIAM. SHAFT	60 LF	350.00	21,000.00	370.00	22,200.00	400.00	24,000.00	475.00	28,500.00
146	SHORING OR EXTRA EXCAVATION CL. A	1270 SF	15.00	19,050.00	8.25	10,477.50	10.00	12,700.00	13.50	17,145.00
147	FURNISHING PERMANENT CASING FOR 3'-0" DIAMETER SHAFT	150 LF	1,000.00	150,000.00	550.00	82,500.00	600.00	90,000.00	732.00	109,800.00
148	GRAVEL BACKFILL FOR WALLS	360 CY	30.00	10,800.00	23.50	8,460.00	58.00	20,880.00	64.00	23,040.00
149	PLACING PERMANENT CASING FOR 3'-0" DIAM. SHAFT	6 EA	20,000.00	120,000.00	1.00	6.00	1.00	6.00	1.40	8.40
150	ST. REINF. BAR FOR BRIDGE	53840 LB	1.30	69,992.00	0.70	37,688.00	1.00	53,840.00	1.00	53,840.00
151	ST. REINF. BAR FOR PLANTER RETAINING WALL	560 LB	1.30	728.00	1.00	560.00	1.30	728.00	1.20	672.00
152	ST. REINF. BAR FOR SHAFT	30710 LB	1.30	39,923.00	1.00	30,710.00	1.40	42,994.00	1.10	33,781.00
153	CSL TEST	10 EA	1,500.00	15,000.00	1,000.00	10,000.00	1,200.00	12,000.00	1,370.00	13,700.00
154	CSL ACCESS TUBE	730 LF	15.00	10,950.00	7.00	5,110.00	10.00	7,300.00	15.50	11,315.00
155	LEAN CONCRETE	60 CY	90.00	5,400.00	300.00	18,000.00	300.00	18,000.00	206.00	12,360.00
156	CONC. CLASS 4000P FOR SHAFT	110 CY	500.00	55,000.00	882.00	97,020.00	900.00	99,000.00	960.00	105,600.00

<b>Project Number: 2016119</b>			<b>Engineer's Estimate</b>		Garco Construction Inc		Stellar J Corporation		Halme Construction 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>

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**Tax Classification**

**Schedule 01**

Addendum No. 1

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157	CONC. CLASS 4000 FOR PLANTER RETAINING WALL	2 CY	500.00	1,000.00	1,200.00	2,400.00	800.00	1,600.00	1,200.00	2,400.00
158	DEFICIENT STRENGTH CONC. PRICE ADJUSTMENT	-1 CAL	1.00	-1.00	1.00	-1.00	1.00	-1.00	0.00	0.00
159	PRESTRESSED CONC. GIRDER 26" VOIDED SLAB	2440 LF	320.00	780,800.00	425.00	1,037,000.00	350.00	854,000.00	427.40	1,042,856.00
160	SUPERSTRUCTURE (HOWARD STREET SOUTH CHANNEL BRIDGE)	1 LS	*****	390,000.00	*****	300,000.00	*****	600,000.00	*****	375,000.00
161	CONC. CLASS 4000 FOR BRIDGE	200 CY	500.00	100,000.00	850.00	170,000.00	600.00	120,000.00	1,100.00	220,000.00
162	CONC. CLASS 4000W FOR BRIDGE	70 CY	500.00	35,000.00	400.00	28,000.00	200.00	14,000.00	201.00	14,070.00
163	ARCHITECTURAL GET DOWN AMENITY	1 LS	*****	122,340.00	*****	125,000.00	*****	150,000.00	*****	123,000.00
164	ARCHITECTURAL GET EVEN AMENITY	1 LS	*****	43,560.00	*****	50,000.00	*****	60,000.00	*****	60,000.00
165	PRECAST FASCIA WALL PANELS	290 SF	30.00	8,700.00	100.00	29,000.00	80.00	23,200.00	93.00	26,970.00
166	PEDESTRIAN RAILING AND CURB	274 LF	300.00	82,200.00	500.00	137,000.00	400.00	109,600.00	590.00	161,660.00
167	EXPOSED AGGREGATE TOPPING SLAB	1940 SF	40.00	77,600.00	10.00	19,400.00	10.00	19,400.00	15.00	29,100.00
168	SAWCUTTING AND REMOVAL OF PORTIONS OF NORTHEAST WINGWALL	1 LS	*****	12,000.00	*****	30,000.00	*****	15,000.00	*****	8,500.00
169	TEMPORARY IN-RIVER ACCESS	1 LS	*****	500,000.00	*****	407,092.00	*****	500,000.00	*****	300,000.00
170	CONDUIT PIPE 4 IN. DIAM	2780 LF	10.00	27,800.00	10.50	29,190.00	12.00	33,360.00	30.00	83,400.00
171	CONDUIT PIPE 6 IN. DIAM	1475 LF	14.00	20,650.00	1.00	1,475.00	8.00	11,800.00	21.00	30,975.00
172	UTILITY VAULT - LARGE	2 EA	12,000.00	24,000.00	11,000.00	22,000.00	13,000.00	26,000.00	11,000.00	22,000.00
173	UTILITY VAULT - SMALL	3 EA	5,000.00	15,000.00	10,000.00	30,000.00	10,000.00	30,000.00	7,300.00	21,900.00
174	CRUSHED SURFACING TOP COURSE	230 CY	30.00	6,900.00	60.00	13,800.00	100.00	23,000.00	56.00	12,880.00

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Addendum No. 1

Sales tax shall be included in unit prices

175	PERMEABLE BALLAST	80 CY	35.00	2,800.00	90.00	7,200.00	55.00	4,400.00	68.00	5,440.00
176	BALLAST	570 CY	30.00	17,100.00	26.00	14,820.00	55.00	31,350.00	50.00	28,500.00
177	GRAVITY BLOCK WALL	600 SF	45.00	27,000.00	16.50	9,900.00	70.00	42,000.00	59.00	35,400.00
178	COMMERCIAL HMA	235 TO	175.00	41,125.00	115.00	27,025.00	115.00	27,025.00	155.00	36,425.00
179	QUARRY SPALLS	5.5 TO	200.00	1,100.00	225.00	1,237.50	120.00	660.00	97.00	533.50
180	STREAMBED BOULDER ONE MAN	4 TO	200.00	800.00	225.00	900.00	150.00	600.00	110.00	440.00
181	CEMENT CONCRETE PEDESTRIAN CURB	50 LF	30.00	1,500.00	15.00	750.00	35.00	1,750.00	40.50	2,025.00
182	GEOTEXTILE FABRIC FOR DRAINAGE	2300 SF	6.00	13,800.00	0.45	1,035.00	0.50	1,150.00	0.50	1,150.00
183	ELECTRICAL AND ILLUMINATION SYSTEM FOR HOWARD STREET BRIDGE SOUTH	1 LS	*****	40,000.00	*****	75,000.00	*****	80,000.00	*****	93,000.00
184	TOPSOIL TYPE A - 21-IN. THICK	220 SY	20.00	4,400.00	23.75	5,225.00	34.00	7,480.00	26.00	5,720.00
185	BARK OR WOOD CHIP MULCH	15 CY	15.00	225.00	85.00	1,275.00	52.00	780.00	70.00	1,050.00
186	SOD INSTALLATION	1200 SY	6.00	7,200.00	5.80	6,960.00	11.50	13,800.00	15.50	18,600.00
187	PSIPE BETULA OCCIDENTALIS, 2.5 INCH CALIPER SHADE TREE	5 EA	30.00	150.00	740.00	3,700.00	425.00	2,125.00	571.00	2,855.00
188	PSIPE CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' SHRUB, 2 GAL	26 EA	25.00	650.00	18.00	468.00	36.00	936.00	48.50	1,261.00
189	PSIPE CORNUS SERICEA 'KELSEYI' SHRUB, 2 GAL	13 EA	25.00	325.00	36.00	468.00	40.00	520.00	54.00	702.00
190	PSIPE ACHNATHERUM HYMENOIDES SHRUB, 1 GAL	70 EA	20.00	1,400.00	28.50	1,995.00	16.00	1,120.00	38.50	2,695.00
191	PSIPE BALSAMORHIZA SAGITTATA SHRUB, 1 GAL	70 EA	25.00	1,750.00	28.50	1,995.00	16.00	1,120.00	38.50	2,695.00
192	PSIPE CORNUS SERICEA SHRUB, 5 GAL	70 EA	50.00	3,500.00	52.50	3,675.00	50.00	3,500.00	70.00	4,900.00

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193	PSIPE JUNCUS EFFUSUS SHRUB, 1 GAL	70 EA	25.00	1,750.00	28.50	1,995.00	16.00	1,120.00	38.50	2,695.00
194	PSIPE LEYMUS CINEREUS SHRUB, 1 GAL	70 EA	25.00	1,750.00	28.50	1,995.00	16.00	1,120.00	38.50	2,695.00
195	PSIPE MAHONIA AQUIFOLIUM SHRUB, 5 GAL	70 EA	50.00	3,500.00	52.50	3,675.00	50.00	3,500.00	70.50	4,935.00
196	PSIPE SALIX EXIGUA SHRUB, 5 GAL	70 EA	50.00	3,500.00	52.50	3,675.00	50.00	3,500.00	70.50	4,935.00
197	IRRIGATION SYSTEM	1 LS	*****	18,600.00	*****	6,350.00	*****	10,000.00	*****	8,500.00
198	TRENCH SAFETY SYSTEM	1 LS	*****	2,500.00	*****	500.00	*****	1,750.00	*****	500.00
199	EXTRA WORK ALLOWANCE FOR ROCK EXCAVATION - TRENCHES	40 CY	50.00	2,000.00	300.00	12,000.00	150.00	6,000.00	106.00	4,240.00
200	DUCTILE IRON PIPE FOR WATER MAIN 18-IN. DIAM.	110 LF	100.00	11,000.00	325.00	35,750.00	310.00	34,100.00	255.00	28,050.00
201	FUSIBLE PVC PIPE FOR WATER MAIN 18-IN. DIAM.	195 LF	100.00	19,500.00	182.00	35,490.00	110.00	21,450.00	177.00	34,515.00
202	COMBINATION AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 2 IN.	1 EA	5,000.00	5,000.00	6,173.00	6,173.00	7,000.00	7,000.00	6,500.00	6,500.00
203	HYDRANT ASSEMBLY	1 EA	2,000.00	2,000.00	5,091.00	5,091.00	5,000.00	5,000.00	5,500.00	5,500.00
204	EXCAVATION AND SHORING, INCL. HAUL	1 LS	*****	2,500.00	*****	18,400.00	*****	2,500.00	*****	16,750.00
205	EXPANSION JOINT	1 EA	12,000.00	12,000.00	7,703.00	7,703.00	7,500.00	7,500.00	8,000.00	8,000.00
206	WATER VAULT	1 EA	15,000.00	15,000.00	11,170.00	11,170.00	18,000.00	18,000.00	13,589.00	13,589.00
207	CONCRETE RESTRAINT BLOCK	1 LS	*****	5,000.00	*****	1,000.00	*****	4,000.00	*****	1,962.00
208	DUCTILE IRON PIPE FOR WATER MAIN 6-IN. DIAMETER	50 LF	30.00	1,500.00	62.00	3,100.00	85.00	4,250.00	38.00	1,900.00
209	WSDOT CATCH BASIN TYPE 1	3 EA	1,500.00	4,500.00	1,002.00	3,006.00	800.00	2,400.00	2,175.00	6,525.00
210	FRAME AND GRATE FOR CATCH BASIN OR GRATE INLET	3 EA	200.00	600.00	441.00	1,323.00	400.00	1,200.00	625.00	1,875.00

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211	MANHOLE TYPE I-48, BASIC PRICE	1 EA	4,000.00	4,000.00	2,690.00	2,690.00	2,250.00	2,250.00	3,400.00	3,400.00
212	MANHOLE TEST	1 EA	750.00	750.00	510.00	510.00	350.00	350.00	1,350.00	1,350.00
213	UNDERDRAIN PIPE 6-INCH DIAMETER	132 LF	40.00	5,280.00	13.25	1,749.00	10.00	1,320.00	16.00	2,112.00
214	DUCTILE IRON STORM SEWER PIPE 6-IN DIAM., INCL. STRUCTURAL EXCAVATION CLASS B	324 LF	30.00	9,720.00	45.00	14,580.00	65.00	21,060.00	37.00	11,988.00

**Schedule Totals**

5,068,894.10

5,101,610.00

5,417,850.00

5,678,000.65

**Project Number**      **2016119**

**Howard Street South Channel Bridge**

**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>	5,068,894.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,068,894.10
T LaRiviere Equipment	4,737,101.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,737,101.50
West Company, Inc.	5,040,388.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,040,388.00
Max J Kune Company	5,059,609.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,059,609.00
Garco Construction Inc	5,101,610.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,101,610.00
Stellar J Corporation	5,417,850.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,417,850.00
Halme Construction Inc	5,678,000.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,678,000.65

**Low Bid Contractor:** T LaRiviere Equipment & Excavation Inc

	<b>Contractor's Bid</b>	<b>Engineer's Estimate</b>	<b>% Variance</b>	
<b>Schedule 01</b>	\$4,737,101.50	\$5,068,894.10	6.55	% Under Estimate
<b>Bid Totals</b>	\$4,737,101.50	\$5,068,894.10	6.55	% Under Estimate