

City Of Spokane
Engineering Services Department

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

Project Number: 2017105

Project Description Post Street Pedestrian and Utility Bridge Replacement
Funding Source State

Original Date 1/28/2020 11:36:38 AM

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Preparer Jake Dial

Addendum

Project Number: 2017105		Engineer's Estimate		Garco Construction Inc	Max J Kuney Company					
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description

Tax Classification

Schedule 01

Sales tax shall be included in unit prices

101	MOBILIZATION	1 LS	*****	1,653,733	*****	1,700,000	*****	1,825,000	*****	0.00
102	CLEARING AND GRUBBING	1 LS	*****	10,000.00	*****	15,000.00	*****	20,000.00	*****	0.00
103	REMOVE TREE, CLASS II	1 EA	1,500.00	1,500.00	9,000.00	9,000.00	3,200.00	3,200.00	0.00	0.00
104	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	1 LS	*****	20,000.00	*****	21,000.00	*****	15,000.00	*****	0.00
105	ARCHAEOLOGICAL AND HISTORICAL SALVAGE	1 EST	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	0.00	0.00
106	WORK ACCESS AND PROTECTION PLATFORMS	1 LS	*****	1,486,100	*****	1,420,943	*****	1,000,000	*****	0.00
107	REMOVE PORTION OF EXISTING BRIDGE	1 LS	*****	1,673,400	*****	2,150,000	*****	2,500,000	*****	0.00
108	RIVER BOTTOM SURVEYS	1 LS	*****	35,000.00	*****	40,000.00	*****	11,000.00	*****	0.00
109	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	830 SY	25.00	20,750.00	20.00	16,600.00	30.00	24,900.00	0.00	0.00
110	REMOVE EXISTING CURB	1380 LF	15.00	20,700.00	8.00	11,040.00	15.00	20,700.00	0.00	0.00
111	ABANDON EXISTING MANHOLE, CATCH BASIN OR DRYWELL	3 EA	1,500.00	4,500.00	850.00	2,550.00	1,200.00	3,600.00	0.00	0.00
112	REMOVING ASPHALT CONC. PAVEMENT	2350 SY	15.00	35,250.00	20.50	48,175.00	30.00	70,500.00	0.00	0.00
113	SAWCUTTING CURB	12 EA	25.00	300.00	30.00	360.00	25.00	300.00	0.00	0.00
114	SAWCUTTING CONC. SIDEWALK	400 LF	2.00	800.00	5.25	2,100.00	6.00	2,400.00	0.00	0.00

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115	SAWCUTTING FLEXIBLE PAVEMENT	1500 LFI	0.50	750.00	0.30	450.00	1.25	1,875.00	0.00	0.00
116	REMOVING GUARDRAIL	720 LF	11.00	7,920.00	15.00	10,800.00	30.00	21,600.00	0.00	0.00
117	REMOVING GUARDRAIL ANCHOR	4 EA	1,000.00	4,000.00	350.00	1,400.00	350.00	1,400.00	0.00	0.00
118	REMOVING CONC. BARRIER	110 LF	25.00	2,750.00	28.00	3,080.00	50.00	5,500.00	0.00	0.00
119	REMOVE LIGHT POLE AND FOUNDATION	1 EA	200.00	200.00	400.00	400.00	5,000.00	5,000.00	0.00	0.00
120	REMOVE DUCT BANK	1320 LF	50.00	66,000.00	55.00	72,600.00	75.00	99,000.00	0.00	0.00
121	REMOVE WATER LINE 12 IN. DIAM.	230 LF	50.00	11,500.00	30.00	6,900.00	40.00	9,200.00	0.00	0.00
122	REMOVE VALVE AND CAP WATER MAIN	2 EA	2,000.00	4,000.00	1,325.00	2,650.00	2,500.00	5,000.00	0.00	0.00
123	REMOVE STEAM PIPE	340 LF	30.00	10,200.00	11.00	3,740.00	25.00	8,500.00	0.00	0.00
124	REMOVE UTILITY VAULT	5 EA	2,500.00	12,500.00	12,000.00	60,000.00	3,500.00	17,500.00	0.00	0.00
125	UNDERDRAIN PIPE 8 IN. DIAM.	280 LF	20.00	5,600.00	30.00	8,400.00	65.00	18,200.00	0.00	0.00
126	ROADWAY EXCAVATION INCL. HAUL	425 CY	50.00	21,250.00	41.00	17,425.00	50.00	21,250.00	0.00	0.00
127	GRAVEL BORROW INCL HAUL	1900 TN	18.00	34,200.00	21.05	39,995.00	25.00	47,500.00	0.00	0.00
128	HAND PLACED RIPRAP	125 CY	50.00	6,250.00	185.00	23,125.00	200.00	25,000.00	0.00	0.00
129	CLEANING EXISTING DRAINAGE STRUCTURE	4 EA	542.19	2,168.78	750.00	3,000.00	1,500.00	6,000.00	0.00	0.00
130	CATCH BASIN TYPE 1	1 EA	2,200.00	2,200.00	5,000.00	5,000.00	5,000.00	5,000.00	0.00	0.00
131	CATCH BASIN TYPE 2	1 EA	3,500.00	3,500.00	5,600.00	5,600.00	6,000.00	6,000.00	0.00	0.00
132	CATCH BASIN TYPE 3	1 EA	2,200.00	2,200.00	5,300.00	5,300.00	5,500.00	5,500.00	0.00	0.00
133	GRATE INLET TYPE 3	2 EA	1,900.00	3,800.00	4,000.00	8,000.00	4,000.00	8,000.00	0.00	0.00

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134	CATCH BASIN TYPE 2 WITH FLOW SPLITTER	1 EA	4,500.00	4,500.00	8,300.00	8,300.00	9,000.00	9,000.00	0.00	0.00
135	MANHOLE 96 IN. SHALLOW WITH FLOW SPLITTER AND SUMP	1 EA	11,000.00	11,000.00	14,500.00	14,500.00	15,000.00	15,000.00	0.00	0.00
136	DETENTION VAULT	1 LS	*****	200,000.00	*****	125,000.00	*****	250,000.00	*****	0.00
137	STORMWATER PUMP SYSTEM	1 LS	*****	50,000.00	*****	32,500.00	*****	27,000.00	*****	0.00
138	STORM SEWER FORCE MAIN 3 IN. DIAM., INCL. STRUCTURAL EXCAVATION CLASS B AND PAVEMENT PATCH	500 LF	100.00	50,000.00	45.00	22,500.00	50.00	25,000.00	0.00	0.00
139	DUCTILE IRON STORM SEWER PIPE 8 IN. DIAM., INCL. STRUCTURAL EXCAVATION CLASS B AND PAVEMENT PATCH	265 LF	85.00	22,525.00	115.00	30,475.00	120.00	31,800.00	0.00	0.00
140	DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM., INCL. STRUCTURAL EXCAVATION CLASS B AND PAVEMENT PATCH	115 LF	100.00	11,500.00	150.00	17,250.00	200.00	23,000.00	0.00	0.00
141	CONNECT 8 IN. DIAM. PIPE TO EXISTING CATCH BASIN	2 EA	600.00	1,200.00	1,500.00	3,000.00	2,000.00	4,000.00	0.00	0.00
142	CONNECT 12 IN. DIAM. PIPE TO EXISTING CATCH BASIN	2 EA	600.00	1,200.00	1,500.00	3,000.00	2,000.00	4,000.00	0.00	0.00
143	CONNECT 3 IN. DIAM. PIPE TO EXISTING CATCH BASIN	1 EA	600.00	600.00	1,600.00	1,600.00	2,000.00	2,000.00	0.00	0.00
144	CONNECT 12 IN. DIAM. STORM SEWER PIPE TO EXISTING STORM SEWER PIPE	1 EA	2,000.00	2,000.00	1,600.00	1,600.00	2,000.00	2,000.00	0.00	0.00
145	STRUCTURE EXCAVATION CLASS A INCL. HAUL - DETENTION VAULT	250 CY	50.00	12,500.00	36.00	9,000.00	35.00	8,750.00	0.00	0.00
146	SHORING OR EXTRA EXCAVATION CLASS A - DETENTION VAULT	1 LS	*****	0.00	*****	10,000.00	*****	20,000.00	*****	0.00
147	EXTRA WORK ALLOWANCE FOR ROCK EXCAVATION - DETENTION VAULT	50 CY	300.00	15,000.00	750.00	37,500.00	800.00	40,000.00	0.00	0.00
148	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, OR INLET IN ASPHALT	2 EA	400.00	800.00	650.00	1,300.00	700.00	1,400.00	0.00	0.00

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149	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, OR INLET IN CONCRETE	2 EA	400.00	800.00	650.00	1,300.00	700.00	1,400.00	0.00	0.00	
150	REMOVAL OF 54 IN. STEEL SEWER PIPE	1 LS	*****	44,500.00	*****	150,000.00	*****	100,000.00	*****	0.00	
151	CONTAINMENT AND DISPOSAL OF LEAD BASED PAINT	1 LS	*****	40,000.00	*****	165,000.00	*****	100,000.00	*****	0.00	
152	MANHOLE 48 IN.	2 EA	3,700.00	7,400.00	9,000.00	18,000.00	9,000.00	18,000.00	0.00	0.00	
153	MANHOLE 96 IN.	1 EA	19,900.00	19,900.00	28,000.00	28,000.00	30,000.00	30,000.00	0.00	0.00	
154	MANHOLE FRAME AND COVER (STANDARD)	2 EA	830.00	1,660.00	460.00	920.00	450.00	900.00	0.00	0.00	
155	MANHOLE FRAME AND COVER (LOCKABLE)	3 EA	880.00	2,640.00	525.00	1,575.00	500.00	1,500.00	0.00	0.00	
156	ABANDON EXISTING MANHOLE, CATCH BASIN OR DRYWELL	2 EA	4,250.00	8,500.00	850.00	1,700.00	800.00	1,600.00	0.00	0.00	
157	MANHOLE TEST	2 EA	650.00	1,300.00	1,700.00	3,400.00	2,000.00	4,000.00	0.00	0.00	
158	CONCRETE SEWER PIPE ABANDONMENT	1 LS	*****	16,000.00	*****	15,000.00	*****	15,000.00	*****	0.00	
159	CLEANING EXISTING SANITARY SEWERS	1 EA	1,909.38	1,909.38	750.00	750.00	700.00	700.00	0.00	0.00	
160	SANITARY SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	24 LF	140.00	3,360.00	270.00	6,480.00	300.00	7,200.00	0.00	0.00	
161	SANITARY SEWER PIPE 16 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	67 LF	150.00	10,050.00	185.00	12,395.00	200.00	13,400.00	0.00	0.00	
162	SANITARY SEWER PIPE 60 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	48 LF	2,600.00	124,800.00	2,500.00	120,000.00	250.00	12,000.00	0.00	0.00	
163	SANITARY SEWER PIPE ON BRIDGE, 60 IN. DIAM.	323 LF	3,400.00	1,098,200	1,600.00	516,800.00	2,000.00	646,000.00	0.00	0.00	
164	FLEXIBLE COUPLING, 60 IN. DIAM.	4 EA	16,200.00	64,800.00	7,300.00	29,200.00	8,000.00	32,000.00	0.00	0.00	
165	12 IN. SANITARY SEWER BYPASSING	1 LS	*****	10,300.00	*****	4,000.00	*****	4,000.00	*****	0.00	

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166	15 IN. SANITARY SEWER BYPASSING	1 LS	*****	11,500.00	*****	4,000.00	*****	4,000.00	*****	0.00
167	60 IN. SANITARY SEWER BYPASSING	1 LS	*****	32,400.00	*****	85,000.00	*****	150,000.00	*****	0.00
168	LIVE SEWER DIVERSION SEQUENCING PLAN	1 LS	*****	5,000.00	*****	1.00	*****	5,000.00	*****	0.00
169	LIVE SEWER DIVERSION - WEST	1 LS	*****	130,300.00	*****	170,000.00	*****	900,000.00	*****	0.00
170	LIVE SEWER DIVERSION - EAST	1 LS	*****	140,900.00	*****	175,000.00	*****	1,000,000.00	*****	0.00
171	DUCTILE IRON PIPE FOR WATER MAIN 8 IN. DIA.	90 LF	300.00	27,000.00	155.00	13,950.00	150.00	13,500.00	0.00	0.00
172	DUCTILE IRON PIPE FOR WATER MAIN 12 IN. DIA.	115 LF	400.00	46,000.00	160.00	18,400.00	200.00	23,000.00	0.00	0.00
173	DUCTILE IRON PIPE FOR WATER MAIN 18 IN. DIA.	185 LF	400.00	74,000.00	345.00	63,825.00	350.00	64,750.00	0.00	0.00
174	DIP FOR WM 18 IN. DIAM., EXPOSED, FURNISH AND STOCKPILE	315 LF	700.00	220,500.00	135.00	42,525.00	150.00	47,250.00	0.00	0.00
175	DIP FOR WM 18 IN. DIAM., EXPOSED, ASSEMBLE, TEST, DISINFECT, CONNECT	315 LF	1,000.00	315,000.00	80.00	25,200.00	60.00	18,900.00	0.00	0.00
176	FLEXIBLE EXPANSION JOINT 18 IN. DIAM.	1 EA	30,000.00	30,000.00	16,500.00	16,500.00	16,000.00	16,000.00	0.00	0.00
177	FLEXIBLE JOINT 18 IN. DIAM.	1 EA	20,000.00	20,000.00	11,000.00	11,000.00	11,000.00	11,000.00	0.00	0.00
178	BLOWOFF ASSEMBLY	1 EA	4,500.00	4,500.00	12,000.00	12,000.00	12,000.00	12,000.00	0.00	0.00
179	BUTTERFLY VALVE 18 IN.	1 EA	6,000.00	6,000.00	9,300.00	9,300.00	9,000.00	9,000.00	0.00	0.00
180	COMB. AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 2 IN.	1 EA	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	0.00	0.00
181	RECONNECTING EXISTING HYDRANT	1 EA	2,000.00	2,000.00	1,800.00	1,800.00	1,700.00	1,700.00	0.00	0.00
182	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	5,000.00	*****	3,300.00	*****	3,500.00	*****	0.00
183	EXTRA WORK ALLOWANCE FOR ROCK EXCAVATION - TRENCHES	70 CY	300.00	21,000.00	750.00	52,500.00	725.00	50,750.00	0.00	0.00

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184	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	70 CY	100.00	7,000.00	100.00	7,000.00	95.00	6,650.00	0.00	0.00
185	IMPORTED GRAVEL FOR TRENCH BACKFILL	420 TO	100.00	42,000.00	37.00	15,540.00	40.00	16,800.00	0.00	0.00
186	GATE VALVE 6 IN.	1 EA	4,000.00	4,000.00	2,600.00	2,600.00	2,500.00	2,500.00	0.00	0.00
187	GATE VALVE 8 IN.	1 EA	5,000.00	5,000.00	3,200.00	3,200.00	3,200.00	3,200.00	0.00	0.00
188	GATE VALVE 12 IN.	1 EA	5,000.00	5,000.00	4,800.00	4,800.00	4,700.00	4,700.00	0.00	0.00
189	TRENCH EXCAVATION FOR WATER SERVICE TAP	30 LF	100.00	3,000.00	55.00	1,650.00	55.00	1,650.00	0.00	0.00
190	STRUCTURE EXCAVATION CLASS A INCL. HAUL	3010 CY	45.00	135,450.00	20.00	60,200.00	20.00	60,200.00	0.00	0.00
191	SHORING OR EXTRA EXCAVATION CLASS A	1 LS	*****	563,500.00	*****	60,000.00	*****	200,000.00	*****	0.00
192	CONTAMINATED SOIL DISPOSAL INCL. HAUL	1300 TN	170.00	221,000.00	80.00	104,000.00	125.00	162,500.00	0.00	0.00
193	LEAN CONCRETE REMOVAL FOR ABUTMENTS INCL. HAUL	70 CY	150.00	10,500.00	76.00	5,320.00	150.00	10,500.00	0.00	0.00
194	EXTRA WORK ALLOWANCE FOR ROCK EXCAVATION - ABUTMENTS	265 CY	250.00	66,250.00	750.00	198,750.00	725.00	192,125.00	0.00	0.00
195	EXTRA WORK ALLOWANCE FOR ROCK EXCAVATION - ARCH FOUNDATIONS	30 CY	500.00	15,000.00	750.00	22,500.00	725.00	21,750.00	0.00	0.00
196	ARCH REPAIR TYPE A - TOP	206 SF	150.00	30,900.00	90.00	18,540.00	100.00	20,600.00	0.00	0.00
197	ARCH REPAIR TYPE B - TOP	206 SF	270.00	55,620.00	120.00	24,720.00	125.00	25,750.00	0.00	0.00
198	ARCH REPAIR TYPE C - TOP	206 SF	300.00	61,800.00	200.00	41,200.00	150.00	30,900.00	0.00	0.00
199	ARCH REPAIR TYPE A - SIDE	413 SF	120.00	49,560.00	40.00	16,520.00	100.00	41,300.00	0.00	0.00
200	ARCH REPAIR TYPE B - SIDE	413 SF	215.00	88,795.00	65.00	26,845.00	125.00	51,625.00	0.00	0.00
201	ARCH REPAIR TYPE C - SIDE	413 SF	240.00	99,120.00	100.00	41,300.00	150.00	61,950.00	0.00	0.00

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202	ARCH REPAIR TYPE A - BOTTOM	206 SF	210.00	43,260.00	185.00	38,110.00	250.00	51,500.00	0.00	0.00
203	ARCH REPAIR TYPE B - BOTTOM	206 SF	380.00	78,280.00	325.00	66,950.00	150.00	30,900.00	0.00	0.00
204	ARCH REPAIR TYPE C - BOTTOM	206 SF	420.00	86,520.00	340.00	70,040.00	200.00	41,200.00	0.00	0.00
205	EPOXY-COATED ST. REINF. BAR FOR BRIDGE	117000 LB	2.50	292,500.00	1.50	175,500.00	1.40	163,800.00	0.00	0.00
206	ST. REINF. BAR FOR BRIDGE	217000 LB	1.50	325,500.00	1.50	325,500.00	1.40	303,800.00	0.00	0.00
207	CONC. CLASS 4000 FOR NON-SUPERSTRUCTURE	444 CY	1,200.00	532,800.00	1,125.00	499,500.00	500.00	222,000.00	0.00	0.00
208	CONC. CLASS 4000B FOR ARCH BOLSTER	263 CY	2,400.00	631,200.00	5,250.00	1,380,750	1,200.00	315,600.00	0.00	0.00
209	CONC. CLASS 4000 - SUPERSTR.	48 CY	1,600.00	76,800.00	3,350.00	160,800.00	550.00	26,400.00	0.00	0.00
210	CONC. CLASS 4000D FOR BRIDGE	342 CY	1,800.00	615,600.00	2,250.00	769,500.00	1,200.00	410,400.00	0.00	0.00
211	PRECAST CONC. COLUMN 2'-6" X 2'-6"	181 LF	875.00	158,375.00	530.00	95,930.00	1,000.00	181,000.00	0.00	0.00
212	PRECAST CONC. COLUMN 2'-0" X 2'-0"	260 LF	575.00	149,500.00	360.00	93,600.00	1,000.00	260,000.00	0.00	0.00
213	PRECAST CONC. CROSSBEAM 2'-6" X 3'-0"	2 EA	64,425.00	128,850.00	62,000.00	124,000.00	125,000.00	250,000.00	0.00	0.00
214	PRECAST CONC. CROSSBEAM 2'-0" X 3'-0"	12 EA	46,675.00	560,100.00	46,000.00	552,000.00	75,000.00	900,000.00	0.00	0.00
215	PRESTRESSED CONC. GIRDER - 2'-2" VOIDED SLAB 4'-0" WIDE	644 LF	875.00	563,500.00	520.00	334,880.00	350.00	225,400.00	0.00	0.00
216	PRESTRESSED CONC. GIRDER - 2'-2" VOIDED SLAB 5'-0" WIDE	129 LF	1,225.00	158,025.00	550.00	70,950.00	350.00	45,150.00	0.00	0.00
217	PRESTRESSED CONC. GIRDER - 1'-0" SOLID SLAB 4'-0" WIDE	2405 LF	640.00	1,539,200	400.00	962,000.00	400.00	962,000.00	0.00	0.00
218	PRESTRESSED CONC. GIRDER - 1'-0" SOLID SLAB 5'-0" WIDE	481 LF	800.00	384,800.00	400.00	192,400.00	400.00	192,400.00	0.00	0.00
219	DEFICIENT STRENGTH CONC PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	1.00	1.00	1.00	1.00	0.00	0.00
220	ELASTOMERIC PAD - SUPERSTR.	48 EA	600.00	28,800.00	1,100.00	52,800.00	800.00	38,400.00	0.00	0.00

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221	FABRIC PAD BEARING - SUPERSTR.	18 EA	3,000.00	54,000.00	4,500.00	81,000.00	2,800.00	50,400.00	0.00	0.00
222	BRIDGE RAILING	747 LF	475.00	354,825.00	350.00	261,450.00	275.00	205,425.00	0.00	0.00
223	SEW BRIDGE RAILING	46 LF	825.00	37,950.00	1,800.00	82,800.00	1,200.00	55,200.00	0.00	0.00
224	STRUCTURAL EARTH WALL	2723 SF	55.00	149,765.00	66.00	179,718.00	80.00	217,840.00	0.00	0.00
225	BRIDGE APPROACH SLAB	345 SY	350.00	120,750.00	425.00	146,625.00	225.00	77,625.00	0.00	0.00
226	COLUMN GROUTING MOCKUP	1 LS	*****	7,500.00	*****	10,000.00	*****	1.00	*****	0.00
227	FALL PROTECTION SYSTEM	1 LS	*****	30,000.00	*****	55,000.00	*****	60,000.00	*****	0.00
228	SCOUR MAINTENANCE	1 LS	*****	18,000.00	*****	19,000.00	*****	25,000.00	*****	0.00
229	PIGMENTED SEALER	4680 SY	15.00	70,200.00	11.50	53,820.00	12.00	56,160.00	0.00	0.00
230	CRUSHED SURFACING TOP COURSE	145 CY	36.97	5,360.39	86.00	12,470.00	85.00	12,325.00	0.00	0.00
231	CRUSHED SURFACING BASE COURSE	195 CY	30.00	5,850.00	95.00	18,525.00	95.00	18,525.00	0.00	0.00
232	CSTC FOR SIDEWALK AND DRIVEWAYS	50 CY	50.00	2,500.00	108.00	5,400.00	105.00	5,250.00	0.00	0.00
233	GRAVEL BASE	25 TO	50.00	1,250.00	135.00	3,375.00	150.00	3,750.00	0.00	0.00
234	HMA CL. 3/8 IN. PG 64H-28	600 TO	0.00	0.00	115.00	69,000.00	150.00	90,000.00	0.00	0.00
235	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.00	0.00
236	COMPACTION PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.00	0.00
237	STABILIZED CONSTRUCTION ENTRANCE	500 SY	15.00	7,500.00	22.00	11,000.00	25.00	12,500.00	0.00	0.00
238	EROSION/WATER POLLUTION CONTROL	1 LS	*****	50,000.00	*****	150,000.00	*****	50,000.00	*****	0.00
239	IRRIGATION SYSTEM	1 LS	*****	11,450.00	*****	31,000.00	*****	20,000.00	*****	0.00

Project Number: 2017105		Engineer's Estimate		Garco Construction Inc		Max J Kuney Company				
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description

Tax Classification

Schedule 01

Sales tax shall be included in unit prices

240	BENCH/PLANTER	4 EA	8,000.00	32,000.00	9,000.00	36,000.00	8,000.00	32,000.00	0.00	0.00
241	SMALL PLANTER	10 EA	3,100.00	31,000.00	4,500.00	45,000.00	3,000.00	30,000.00	0.00	0.00
242	LARGE PLANTER	20 EA	5,300.00	106,000.00	6,300.00	126,000.00	4,200.00	84,000.00	0.00	0.00
243	SOIL FOR PLANTERS	88 CY	45.00	3,960.00	80.00	7,040.00	35.00	3,080.00	0.00	0.00
244	SOIL FOR LANDSCAPING	16 CY	45.00	720.00	60.00	960.00	35.00	560.00	0.00	0.00
245	AIR OR HYDRO EXCAVATION	2 EA	200.00	400.00	775.00	1,550.00	1,200.00	2,400.00	0.00	0.00
246	ROADSIDE CLEANUP	1 LS	*****	4,000.00	*****	30,000.00	*****	50,000.00	*****	0.00
247	PSIPE - TREE	24 EA	400.00	9,600.00	740.00	17,760.00	300.00	7,200.00	0.00	0.00
248	PSIPE - SHRUB	350 EA	40.00	14,000.00	64.00	22,400.00	50.00	17,500.00	0.00	0.00
249	SEEDING AND FERTILIZING	0.15 AC	4,500.00	675.00	9,000.00	1,350.00	6,500.00	975.00	0.00	0.00
250	TREE PROTECTION ZONE	7 EA	300.00	2,100.00	290.00	2,030.00	350.00	2,450.00	0.00	0.00
251	CEMENT CONC. CURB AND GUTTER	975 LF	50.00	48,750.00	52.00	50,700.00	35.00	34,125.00	0.00	0.00
252	CEMENT CONC. CURB	40 LF	50.00	2,000.00	42.00	1,680.00	26.00	1,040.00	0.00	0.00
253	BEAM GUARDRAIL TYPE 31, 6 FT. LONG POST	35 LF	75.00	2,625.00	82.00	2,870.00	100.00	3,500.00	0.00	0.00
254	FLEXIBLE GUIDE POST	16 EA	75.00	1,200.00	120.00	1,920.00	115.00	1,840.00	0.00	0.00
255	CEMENT CONC. GUTTER	20 LF	50.00	1,000.00	80.00	1,600.00	45.00	900.00	0.00	0.00
256	REINFORCED DOWELED CURB	180 LF	60.00	10,800.00	38.00	6,840.00	50.00	9,000.00	0.00	0.00
257	TRAFFIC ISLAND CONCRETE	45 SY	100.00	4,500.00	63.00	2,835.00	60.00	2,700.00	0.00	0.00
258	PAVEMENT MARKING - PAINT LINE	2500 LF	1.00	2,500.00	1.25	3,125.00	1.25	3,125.00	0.00	0.00

Project Number: 2017105		Engineer's Estimate			Garco Construction Inc		Max J Kuney Company			
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

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259	PAVEMENT MARKING - DURABLE HEAT APPLIED	1600 LF	10.00	16,000.00	1.10	1,760.00	7.00	11,200.00	0.00	0.00
260	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	28 EA	100.00	2,800.00	135.00	3,780.00	150.00	4,200.00	0.00	0.00
261	PERMANENT SIGNING	1 LS	*****	5,000.00	*****	5,000.00	*****	5,000.00	*****	0.00
262	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	60,000.00	*****	80,000.00	*****	32,000.00	*****	0.00
263	TYPE III BARRICADE	30 EA	75.00	2,250.00	82.00	2,460.00	165.00	4,950.00	0.00	0.00
264	POWER & ILLUMINATION SYSTEM	1 LS	*****	182,500.00	*****	290,000.00	*****	320,000.00	*****	0.00
265	UTILITY CONDUIT SYSTEM	1 LS	*****	93,000.00	*****	170,000.00	*****	200,000.00	*****	0.00
266	CONDIUT PIPE 4 IN. DIA.	3960 LF	30.00	118,800.00	30.00	118,800.00	40.00	158,400.00	0.00	0.00
267	TYPE B PROGRESS SCHEDULE	1 LS	*****	15,000.00	*****	5,000.00	*****	15,000.00	*****	0.00
268	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE	312 SY	5.00	1,560.00	2.20	686.40	3.00	936.00	0.00	0.00
269	TRENCH SAFETY SYSTEM	1 LS	*****	24,000.00	*****	5,000.00	*****	5,000.00	*****	0.00
270	POTHOLING	18 EA	750.00	13,500.00	625.00	11,250.00	600.00	10,800.00	0.00	0.00
271	PLUGGING EXISTING PIPE	14 EA	500.00	7,000.00	330.00	4,620.00	1,200.00	16,800.00	0.00	0.00
272	STRUCTURE SURVEYING	1 LS	*****	40,000.00	*****	50,000.00	*****	90,000.00	*****	0.00
273	ADA FEATURES SURVEYING	1 LS	*****	2,700.00	*****	8,500.00	*****	3,500.00	*****	0.00
274	ROADWAY AND UTILITY SURVEYING	1 LS	*****	20,000.00	*****	16,000.00	*****	115,000.00	*****	0.00
275	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	0.00	0.00
276	SPCC PLAN	1 LS	*****	8,000.00	*****	5,000.00	*****	10,000.00	*****	0.00
277	RECORD DRAWING	1 LS	*****	10,000.00	*****	5,000.00	*****	10,000.00	*****	0.00

Project Number: 2017105		Engineer's Estimate			Garco Construction Inc		Max J Kuney Company			
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description

Tax Classification

Schedule 01

Sales tax shall be included in unit prices

278	TEMPORARY SHORING FOR EXISTING SEWER	1 LS	*****	53,500.00	*****	60,000.00	*****	25,000.00	*****	0.00
279	PERMANENT SANITARY SEWER SUPPORT SYSTEM	1 LS	*****	385,200.00	*****	260,000.00	*****	300,000.00	*****	0.00
280	CONDUIT AND WATERLINE SUPPORT SYSTEM	1 LS	*****	61,800.00	*****	115,000.00	*****	110,000.00	*****	0.00
281	BUILDING VIBRATION AND MOVEMENT MONITORING	1 LS	*****	80,000.00	*****	100,000.00	*****	75,000.00	*****	0.00
282	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	75,000.00	*****	10,000.00	*****	7,500.00	*****	0.00
283	TRAINING	2000 HR	3.00	6,000.00	1.00	2,000.00	5.00	10,000.00	0.00	0.00
284	REFERENCE AND REESTABLISH SURVEY MONUMENT	3 EA	520.20	1,560.59	650.00	1,950.00	1,500.00	4,500.00	0.00	0.00
285	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	1,954.67	*****	2,200.00	*****	8,500.00	*****	0.00
286	RAMP DETECTABLE WARNING	120 SF	7.00	840.00	25.00	3,000.00	25.00	3,000.00	0.00	0.00
287	CEMENT CONC. SIDEWALK	830 SY	70.00	58,100.00	63.00	52,290.00	42.00	34,860.00	0.00	0.00
288	ADJUST EXISTING MANHOLE IN ASPHALT	3 EA	750.00	2,250.00	650.00	1,950.00	625.00	1,875.00	0.00	0.00
289	REINSTALLING METER - STANDARD SIDEWALK	8 EA	200.00	1,600.00	325.00	2,600.00	225.00	1,800.00	0.00	0.00
290	COATED CHAIN LINK FENCE TYPE 72 IN.	230 LF	100.00	23,000.00	90.00	20,700.00	150.00	34,500.00	0.00	0.00
291	COATED CHAIN LINK FENCE TYPE 48 IN.	125 LF	100.00	12,500.00	60.00	7,500.00	100.00	12,500.00	0.00	0.00
292	SECURITY FENCE	1 LS	*****	10,000.00	*****	46,000.00	*****	20,000.00	*****	0.00
293	LANDSCAPE REMOVAL AND SURFACING	1 LS	*****	5,000.00	*****	4,200.00	*****	4,500.00	*****	0.00
294	PROTECTION OF PARKING LOT FEATURES	1 LS	*****	10,000.00	*****	13,000.00	*****	2,500.00	*****	0.00
295	RESTORATION OF ASPHALT PARKING AREA	1 LS	*****	25,000.00	*****	18,000.00	*****	10,000.00	*****	0.00
296	RESTORATION OF GRAVEL PARKING AREA	1 LS	*****	7,500.00	*****	25,000.00	*****	20,000.00	*****	0.00

Project Number: 2017105		Engineer's Estimate		Garco Construction Inc	Max J Kuney Company					
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 01</i>				Sales tax shall be included in unit prices						
297	DECORATIVE REMOVABLE BOLLARDS AND ASSEMBLY	1 LS	***** 11,000.00	***** 21,000.00	***** 7,500.00	***** 0.00				
298	STEEL FENCING	1 LS	***** 10,000.00	***** 17,000.00	***** 9,000.00	***** 0.00				
299	EXPOSED AGGREGATE EDGE	12 SY	72.00 864.00	38.00 456.00	155.00 1,860.00	0.00 0.00				
<i>Schedule Totals</i>				18,827,744.80	17,594,418.75	18,137,851.00				0.00

Project Number: 2017105		Engineer's Estimate			Garco Construction Inc		Max J Kuney Company			
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description

Tax Classification

Schedule 04

Sales tax shall be included in unit prices

401	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	-1.00	-1.00	1.00	1.00	1.00	1.00	0.00	0.00
402	POTHOLING	15 EA	380.00	5,700.00	625.00	9,375.00	600.00	9,000.00	0.00	0.00
403	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	1,500.00	*****	1.00	*****	500.00	*****	0.00
404	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	1,000.00	*****	2,600.00	*****	2,500.00	*****	0.00
405	TYPE III BARRICADE	12 EA	50.00	600.00	81.00	972.00	165.00	1,980.00	0.00	0.00
406	TREE ROOT TREATMENT	2 EA	650.00	1,300.00	815.00	1,630.00	1,000.00	2,000.00	0.00	0.00
407	TREE PROTECTION ZONE	2 EA	375.00	750.00	300.00	600.00	350.00	700.00	0.00	0.00
408	TREE PRUNING	2 EA	300.00	600.00	380.00	760.00	425.00	850.00	0.00	0.00
409	REMOVE TREE, CLASS II	1 EA	900.00	900.00	3,000.00	3,000.00	3,500.00	3,500.00	0.00	0.00
410	REMOVE EXISTING CURB	100 LF	10.50	1,050.00	7.00	700.00	10.00	1,000.00	0.00	0.00
411	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	25 SY	14.00	350.00	26.00	650.00	30.00	750.00	0.00	0.00
412	SAWCUTTING CURB	8 EA	42.50	340.00	33.00	264.00	25.00	200.00	0.00	0.00
413	SAWCUTTING FLEXIBLE PAVEMENT	3860 LFI	0.50	1,930.00	1.10	4,246.00	1.00	3,860.00	0.00	0.00
414	SAWCUTTING RIGID PAVEMENT	220 LFI	1.50	330.00	1.10	242.00	1.25	275.00	0.00	0.00
415	ABANDON EXISTING MANHOLE, CATCH BASIN OR DRYWELL	1 EA	600.00	600.00	850.00	850.00	800.00	800.00	0.00	0.00
416	TEMPORARY ACCESS	1 EA	2,500.00	2,500.00	5,000.00	5,000.00	20,000.00	20,000.00	0.00	0.00
417	CONTROLLED DENSITY FILL	40 CY	150.00	6,000.00	155.00	6,200.00	150.00	6,000.00	0.00	0.00
418	CRUSHED SURFACING TOP COURSE	90 CY	65.00	5,850.00	97.00	8,730.00	95.00	8,550.00	0.00	0.00
419	CSTC FOR SIDEWALK AND DRIVEWAYS	4 CY	110.00	440.00	108.00	432.00	110.00	440.00	0.00	0.00

Project Number: 2017105		Engineer's Estimate			Garco Construction Inc		Max J Kune Company			
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description

Tax Classification

Schedule 04

Sales tax shall be included in unit prices

420	COMMERCIAL HMA	25 TO	180.00	4,500.00	485.00	12,125.00	150.00	3,750.00	0.00	0.00
421	UNDERDRAIN PIPE 4 IN. DIA.	150 LF	16.00	2,400.00	45.00	6,750.00	45.00	6,750.00	0.00	0.00
422	DUCTILE IRON STORM SEWER PIPE 8 IN. DIA.	40 LF	55.00	2,200.00	120.00	4,800.00	75.00	3,000.00	0.00	0.00
423	DUCTILE IRON STORM SEWER PIPE 10 IN. DIA.	270 LF	75.00	20,250.00	130.00	35,100.00	100.00	27,000.00	0.00	0.00
424	MANHOLE 48 IN.	2 EA	3,500.00	7,000.00	5,000.00	10,000.00	4,500.00	9,000.00	0.00	0.00
425	CONCRETE INLET	2 EA	1,800.00	3,600.00	3,700.00	7,400.00	300.00	600.00	0.00	0.00
426	CONNECT 8 IN. DIA. PIPE TO EXISTING CB, DW OR MH	1 EA	600.00	600.00	1,500.00	1,500.00	1,500.00	1,500.00	0.00	0.00
427	CONNECT 10 IN. DIA. PIPE TO EXISTING CB, DW OR MH	2 EA	800.00	1,600.00	1,500.00	3,000.00	1,500.00	3,000.00	0.00	0.00
428	RECONSTRUCT 48 IN. MH INVERT	1 EA	1,500.00	1,500.00	1,300.00	1,300.00	1,300.00	1,300.00	0.00	0.00
429	INTERIOR DROP CONNECTION 10 IN. DIA.	1 EA	4,500.00	4,500.00	6,600.00	6,600.00	6,200.00	6,200.00	0.00	0.00
430	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	10 CY	26.50	265.00	33.00	330.00	35.00	350.00	0.00	0.00
431	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	10 CY	30.50	305.00	51.00	510.00	50.00	500.00	0.00	0.00
432	IMPORTED BACKFILL	100 CY	30.50	3,050.00	44.00	4,400.00	42.00	4,200.00	0.00	0.00
433	TRENCH SAFETY SYSTEM	1 LS	*****	1,000.00	*****	2,500.00	*****	1,900.00	*****	0.00
434	EXTRA ALLOWANCE FOR ROCK EXCAVATION - TRENCHES	100 CY	150.00	15,000.00	750.00	75,000.00	725.00	72,500.00	0.00	0.00
435	PLUGGING EXISTING PIPE	4 EA	500.00	2,000.00	330.00	1,320.00	315.00	1,260.00	0.00	0.00
436	TRENCH DEWATERING	1 LS	*****	2,500.00	*****	8,500.00	*****	9,000.00	*****	0.00
437	DI PIPE FOR WATER MAIN 18 IN. DIA.	310 LF	150.00	46,500.00	350.00	108,500.00	350.00	108,500.00	0.00	0.00

Project Number: 2017105		Engineer's Estimate		Garco Construction Inc		Max J Kuney Company				
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description

Tax Classification

Schedule 04

Sales tax shall be included in unit prices

438	COMB. 2 IN. AIR RELEASE/AIR VAC. VALVE ASSEMBLY	1 EA	5,000.00	5,000.00	7,000.00	7,000.00	6,500.00	6,500.00	0.00	0.00
439	BUTTERFLY VALVE 18 IN.	2 EA	2,500.00	5,000.00	10,000.00	20,000.00	10,000.00	20,000.00	0.00	0.00
440	HYDRANT ASSEMBLY	1 EA	5,600.00	5,600.00	13,000.00	13,000.00	12,000.00	12,000.00	0.00	0.00
441	TRENCH EXC. FOR WATER SERVICE TAP	110 LF	35.00	3,850.00	56.00	6,160.00	55.00	6,050.00	0.00	0.00
442	ESC LEAD	1 LS	*****	1,500.00	*****	1.00	*****	2,500.00	*****	0.00
443	INLET PROTECTION	3 EA	120.00	360.00	220.00	660.00	250.00	750.00	0.00	0.00
444	TOPSOIL TYPE A, 2 INCH THICK	80 SY	15.00	1,200.00	5.00	400.00	25.00	2,000.00	0.00	0.00
445	SOD INSTALLATION	80 SY	25.00	2,000.00	13.00	1,040.00	10.00	800.00	0.00	0.00
446	CEMENT CONCRETE CURB	100 LF	42.00	4,200.00	42.00	4,200.00	30.00	3,000.00	0.00	0.00
447	CEMENT CONC. SIDEWALK	70 SY	85.00	5,950.00	82.00	5,740.00	50.00	3,500.00	0.00	0.00
448	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1 LS	*****	800.00	*****	1,100.00	*****	1,000.00	*****	0.00
449	PAVEMENT MARKING, PAINT	65 SF	2.00	130.00	5.25	341.25	6.00	390.00	0.00	0.00
Schedule Totals				186,099.00		395,530.25		381,706.00		0.00

Project Number **2017105**

Post Street Pedestrian and Utility Bridge Replacement

SCHEDULE SUMMARY

	Sched 1	Sched 2	Sched 3	Sched 4	Sched 5	Sched 6	Sched 7	Sched 8	Total
Engineer's Est	18,827,744.80	0.00	0.00	186,099.00	0.00	0.00	0.00	0.00	19,013,843.80
Garco Construction Inc	17,594,418.75	0.00	0.00	395,530.25	0.00	0.00	0.00	0.00	17,989,949.00
Max J Kuney Company	18,137,851.00	0.00	0.00	381,706.00	0.00	0.00	0.00	0.00	18,519,557.00

Low Bid Contractor: Garco Construction Inc

	Contractor's Bid	Engineer's Estimate	% Variance
Schedule 01	\$17,594,418.75	\$18,827,744.80	6.55 % Under Estimate
Schedule 04	\$395,530.25	\$186,099.00	112.54 % Over Estimate
Bid Totals	<u>\$17,989,949.00</u>	<u>\$19,013,843.80</u>	5.38 % Under Estimate