

ENGINEER'S ESTIMATE

(Bidder shall independently confirm quantities and identify any discrepancies)

Higgins Marketplace - Offsite Public Improvements

Technically Approved Submittal

Item No	Description	Unit	Quantity	Unit Price	Item Total
A GENERAL					
1	MOBILIZATION	LS	1	\$ 35,000.00	\$ 35,000.00
2	TRAFFIC CONTROL	LS	1	\$ 14,000.00	\$ 14,000.00
3	PERFORM TEMP WATER POLLUTION CONTROL WORK	LS	1	\$ 4,500.00	\$ 4,500.00
Section A Subtotal					\$ 53,500.00

B MISCELLANEOUS EXISTING FACILITIES					
4	CLEAR AND GRUB	AC	3.2	\$ 1,500.00	\$ 4,800.00
5	REMOVE TREE	EA	15	\$ 500.00	\$ 7,500.00
6	REMOVE FENCING	LF	1,043	\$ 3.50	\$ 3,650.50
7	REMOVE BILLBOARD SIGN	LS	0	\$ 750.00	\$ -
8	REMOVE STORM DRAIN PIPE	LF	180	\$ 10.00	\$ 1,800.00
9	RELOCATE MAILBOX	EA	5	\$ 250.00	\$ 1,250.00
Section B Subtotal					\$ 19,000.50

C STORM DRAINAGE					
10	CONSTRUCT 48" STORM DRAIN MANHOLE	EA	8	\$ 4,500.00	\$ 36,000.00
11	CONSTRUCT 60" STORM DRAIN MANHOLE	EA	1	\$ 6,200.00	\$ 6,200.00
12	CONSTRUCT CALTRANS TYPE GO INLET (2015 STANDARD)	EA	2	\$ 3,200.00	\$ 6,400.00
13	CONSTRUCT DROP INLET (TRAFFIC RATED)	EA	0	\$ 2,750.00	\$ -
14	CONSTRUCT DROP INLET (LANDSCAPE)	EA	0	\$ 1,500.00	\$ -
15	CONSTRUCT NEVADA COUNTY STD OMP INLET	EA	4	\$ 1,850.00	\$ 7,400.00
16	INSTALL 8-INCH STORM DRAIN	LF	0	\$ 20.00	\$ -
17	INSTALL 12-INCH STORM DRAIN	LF	17	\$ 25.00	\$ 425.00
18	INSTALL 15-INCH STORM DRAIN	LF	0	\$ 32.00	\$ -
19	INSTALL 18-INCH STORM DRAIN	LF	530	\$ 40.00	\$ 21,200.00
20	INSTALL 24-INCH STORM DRAIN	LF	570	\$ 48.00	\$ 27,360.00
21	INSTALL 30-INCH STORM DRAIN	LF	724	\$ 52.00	\$ 37,648.00
22	INSTALL 12-INCH FLARED END SECTION	EA	0	\$ 250.00	\$ -
23	INSTALL 15-INCH FLARED END SECTION	EA	0	\$ 300.00	\$ -
24	INSTALL 18-INCH FLARED END SECTION	EA	0	\$ 325.00	\$ -
25	INSTALL 24-INCH FLARED END SECTION	EA	3	\$ 350.00	\$ 1,050.00
26	INSTALL 30-INCH FLARED END SECTION	EA	1	\$ 400.00	\$ 400.00
27	INSTALL 35x24-INCH CMPA W/CORROSION PROTECTION	LF	153	\$ 65.00	\$ 9,945.00
28	DETENTION & WATER QUALITY BASIN #1	LS	0	\$ 278,300.00	\$ -
29	DETENTION & WATER QUALITY BASIN #2 (BASIN #3 FUTURE)	LS	0	\$ 30,400.00	\$ -
30	DETENTION & WATER QUALITY BASIN #4	LS	0	\$ 19,000.00	\$ -
31	DETENTION & WATER QUALITY BASIN #5	LS	0	\$ 44,600.00	\$ -
32	ROCK CULVERT INLET/OUTLET (NO. 1 BACKING)	SF	292	\$ 14.25	\$ 4,161.00
Section C Subtotal					\$ 158,189.00

D SITE AND ROADWAY					
33	SAWCUT & REMOVE EXISTING AC	SF	33,600	\$ 1.25	\$ 42,000.00
34	COLD PLANE ASPHALTIC CONCRETE PAVEMENT	SY	260	\$ 12.00	\$ 3,120.00
35	REMOVE CURB	LF	50	\$ 5.00	\$ 250.00
36	VERTICAL CURB & GUTTER (TYPE A2-6)	LF	1,360	\$ 21.00	\$ 28,560.00
37	PLANTER/MEDIAN CURB (TYPE A1-6)	LF	9	\$ 15.00	\$ 135.00
38	MEDIAN MINOR PCC (4"PCC/4" AB)	SF	0	\$ 7.00	\$ -
39	SIDEWALK (4"PCC/4" AB)	SF	3,980	\$ 7.00	\$ 27,860.00
40	TEMP AC SIDEWALK (2" AC/2" AB)	SF	610	\$ 4.00	\$ 2,440.00
41	TRASH ENCLOSURE APRON (5-1/2"PCC/6" AB)	SF	0	\$ 8.50	\$ -

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Item No	Description	Unit	Quantity	Unit Price	Item Total
42	ACCESSIBLE PARKING (6"PCC/6" AB)	SF	0	\$ 8.00	\$ -
43	CURB RAMPS	EA	13	\$ 1,200.00	\$ 15,600.00
44	CONSTRUCT AC DIKE	LF	320	\$ 12.00	\$ 3,840.00
45	EXCAVATION	CY	8,700	\$ 6.00	\$ 52,200.00
46	17" AGGREGATE BASE (CLASS 2) TI 8.0	SF	64,950	\$ 2.40	\$ 155,880.00
47	4" HOT MIX ASPHALT (TYPE A, 1/2" MAX.PG 64-10) TI 8.0	SF	64,950	\$ 3.15	\$ 204,592.50
48	18" AGGREGATE BASE (CLASS 2) HWY 49	SF	3,380	\$ 2.75	\$ 9,295.00
49	6" HOT MIX ASPHALT (TYPE A, 1/2" MAX.PG 64-10) HWY 49	SF	3,380	\$ 3.65	\$ 12,337.00
Section D Subtotal					\$ 558,109.50

E STRIPING					
50	ONSITE 4" WHITE STRIPE (2 COAT PAINT)	LF	0	\$	-
51	ONSITE PAVEMENT MARKINGS (2 COAT PAINT)	SF	0	\$	-
52	ONSITE DETAIL 8 (2 COAT PAINT)	LF	0	\$	-
53	ONSITE DETAIL 21 (2 COAT PAINT)	LF	0	\$	-
54	ONSITE DETAIL 38A (2 COAT PAINT)	LF	0	\$	-
55	DETAIL 22 (THERMOPLASTIC)	LF	3,370	\$ 2.25	\$ 7,582.50
56	DETAIL 27B (THERMOPLASTIC)	LF	3,620	\$ 1.75	\$ 6,335.00
57	DETAIL 38 (THERMOPLASTIC)	LF	350	\$ 4.50	\$ 1,575.00
58	4" YELLOW CROSS HATCH (THERMOPLASTIC)	LF	0	\$ 2.25	\$ -
59	PAVEMENT MARKINGS (THERMOPLASTIC)	SF	550	\$ 10.00	\$ 5,500.00
Section E Subtotal					\$ 20,992.50

F SIGNING					
60	REMOVE SIGN	EA	2	\$ 150.00	\$ 300.00
61	NEW POST	EA	23	\$ 100.00	\$ 2,300.00
62	NEW SIGN	EA	24	\$ 200.00	\$ 4,800.00
63	TYPE L2 DELINEATOR	EA	9	\$ 250.00	\$ 2,250.00
64	TYPE F DELINEATOR	EA	6	\$ 150.00	\$ 900.00
Section F Subtotal					\$ 10,550.00

G WATER SYSTEM					
65	INSTALL FIRE HYDRANT ASSEMBLY	EA	4	\$ 6,500.00	\$ 26,000.00
66	INSTALL 2" BOV ASSEMBLY	EA	4	\$ 1,450.00	\$ 5,800.00
67	INSTALL 1" ARV ASSEMBLY	EA	3	\$ 3,500.00	\$ 10,500.00
68	CONNECT TO EXISTING	EA	1	\$ 2,500.00	\$ 2,500.00
69	INSTALL 1.5" WATER MAIN, SCH80 PVC	LF	0	\$ 15.00	\$ -
70	INSTALL 2.5" WATER MAIN, SCH80 PVC	LF	0	\$ 25.00	\$ -
71	INSTALL 4" WATER MAIN, PVC C900 CL235	LF	0	\$ 65.00	\$ -
72	INSTALL 4" GATE VALVE	EA	0	\$ 1,850.00	\$ -
73	INSTALL 4" PRIVATE FIRE CHECK VALVE ASSEMBLY	EA	0	\$ 3,750.00	\$ -
74	INSTALL 4" POST INDICATOR VALVE	EA	0	\$ 1,450.00	\$ -
75	INSTALL 4" FIRE DEPARTMENT CONNECTION	EA	0	\$ 1,200.00	\$ -
76	INSTALL 6" DOUBLE DETECTOR CHECK VALVE ASSEMBLY	EA	1	\$ 14,500.00	\$ 14,500.00
77	INSTALL 6" WATER MAIN, PVC C900 CL235	LF	60	\$ 85.00	\$ 5,100.00
78	INSTALL 6" GATE VALVE	EA	1	\$ 850.00	\$ 850.00
79	INSTALL 10" WATER MAIN, PVC C900 CL235	LF	1,820	\$ 120.00	\$ 218,400.00
80	INSTALL 10" GATE VALVE	EA	6	\$ 1,250.00	\$ 7,500.00
81	INSTALL 3/4" PRESSURE REDUCING VALVE	EA	0	\$ 950.00	\$ -
82	INSTALL 1.0" PRESSURE REDUCING VALVE	EA	0	\$ 1,250.00	\$ -
83	INSTALL 1.5" WATER SERVICE ASSEMBLY	EA	2	\$ 1,500.00	\$ 3,000.00
84	INSTALL 2.0" LANDSCAPE WATER SERVICE (W/BACKFLOW)	EA	1	\$ 2,750.00	\$ 2,750.00

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Item No	Description	Unit	Quantity	Unit Price	Item Total
85	INSTALL 2.0" WATER SERVICE ASSEMBLY	EA	2	\$ 1,950.00	\$ 3,900.00
86	CONNECT TO EXISTING, FILL, DISINFECT, TEST & FLUSH	LS	1	\$ 5,000.00	\$ 5,000.00
Section G Subtotal					\$ 305,800.00

H SEWER					
87	CONNECT TO EXISTING	EA	3	\$ 1,500.00	\$ 4,500.00
88	INSTALL 4" SEWER CLEANOUT TO GRADE	EA	0	\$ 750.00	\$ -
89	INSTALL 1.5" FORCE MAIN PVC SCH40	LF	182	\$ 20.00	\$ 3,640.00
90	INSTALL 2" FORCE MAIN PVC SCH40	LF	1,120	\$ 25.00	\$ 28,000.00
91	INSTALL 3" FORCE MAIN PVC SCH40	LF	62	\$ 27.00	\$ 1,674.00
92	INSTALL 4" FORCE MAIN PVC SCH40	LF	1,260	\$ 40.00	\$ 50,400.00
93	INSTALL FORCE MAIN AVR/ ASSEMBLY	EA	2	\$ 2,250.00	\$ 4,500.00
94	INSTALL 2" FORCE MAIN BALL VALVE	EA	5	\$ 950.00	\$ 4,750.00
95	INSTALL 3" FORCE MAIN BALL VALVE	EA	1	\$ 1,050.00	\$ 1,050.00
96	INSTALL 4" FORCE MAIN BALL VALVE	EA	1	\$ 1,250.00	\$ 1,250.00
97	INSTALL 1.5" PRESSURE SERVICE	EA	6	\$ 1,500.00	\$ 9,000.00
98	INSTALL BLDG 1 - 1,000 GAL GREASE INTERCEPTOR H-20	EA	0	\$ 2,000.00	\$ -
99	INSTALL BLDG 1 - 1,500 GAL SEPTIC TANK	EA	0	\$ 2,700.00	\$ -
100	INSTALL BLDG 1 - 2,000 GAL PUMP TANK	EA	0	\$ 3,500.00	\$ -
101	INSTALL BLDG 1 - 1/2 HP ORENCO PUMP ASSEMBLY 10GPM	EA	1	\$ 6,500.00	\$ 6,500.00
102	INSTALL BLDG 1 - CONTROL PANEL & FLOATS	EA	1	\$ 2,500.00	\$ 2,500.00
103	INSTALL BLDG 4 - 1,500 GAL GREASE INTERCEPTOR	EA	0	\$ 2,700.00	\$ -
104	INSTALL BLDG 4 - 2,500 GAL SEPTIC TANK	EA	0	\$ 4,000.00	\$ -
105	INSTALL BLDG 4 - 2,000 GAL PUMP TANK	EA	0	\$ 3,500.00	\$ -
106	INSTALL BLDG 2-4 - 1/2 HP ORENCO PUMP ASS. 20GPM	EA	3	\$ 7,000.00	\$ 21,000.00
107	INSTALL BLDG 2-4 - CONTROL PANEL & FLOATS	EA	3	\$ 2,500.00	\$ 7,500.00
Section H Subtotal					\$ 146,264.00

I AMENITIES					
108	MIDWEST GUARDRAIL SYSTEM	LF	150	\$ 185.00	\$ 27,750.00
109	CULVERT HEADWALL - CALTRANS	LS	1	\$ 24,000.00	\$ 24,000.00
110	HEADWALL CABLE RAILING - CALTRANS	LF	100	\$ 30.00	\$ 3,000.00
111	BARRICADE	EA	0	\$ 1,250.00	\$ -
112	ENHANCED CROSSWALK STAMP & COLOR	SF	1,507	\$ 25.00	\$ 37,675.00
113	4" DECOMPOSED GRANITE TRAIL W/ BACKER BOARDS	SF	0	\$ 4.50	\$ -
Section I Subtotal					\$ 92,425.00

J EROSION CONTROL					
114	BMP DIKES IN ROADSIDE DITCHES	EA	8	\$ 150.00	\$ 1,200.00
115	TEMPORARY INLET PROTECTION	EA	7	\$ 150.00	\$ 1,050.00
116	SILT FENCE SEDIMENT PROTECTION PER SE-1	LF	800	\$ 4.00	\$ 3,200.00
117	FIBER ROLL SEDIMENT PROTECTION	LF	300	\$ 4.00	\$ 1,200.00
118	HYDROSEED DISTURBED SLOPES AND SOIL	AC	0.25	\$ 4,500.00	\$ 1,125.00
Section J Subtotal					\$ 7,775.00

Construction Subtotal
10% Contingency
TOTAL CONSTRUCTION COST

Construction Management
Contract Administration
TOTAL SOFT COST



10%

5%
7%

\$ 1,372,606
\$ 137,261
\$ 1,509,867

\$ 75,494
\$ 105,691
\$ 181,185

TOTAL PROJECT COST

\$ 1,691,052

County of Nevada-Department of Public Works

☒ Reviewed with No Exceptions

☐ Reviewed with Changes Noted

☐ Revise and Resubmit

☐ Rejected

☐ Review is for general conformance with County Road

Standards and other applicable requirements.

Comments: Engineer's Estimate Dated 6/3/2019

Project Name: Higgins Marketplace - Offsite Public Improvements

Contract # _____ Project/EP# PM 04-020

Submittal # _____ RFI# _____

Review By: [Signature] Date: 6/10/19