

Attachment 3: Shortfall Breakdown

Bid Opening: 8/20/2019										
PROJECT MANAGER: Andrew Easterling, P.E. PROJECT COORDINATOR: Victor Gutierrez					Monterey Peninsula Engineering 192 Healy Avenue Marina CA 93933			Main St	Fiber Optic	CIP 9090
Base Bid										
Item #	Item Description	Quantity	Measure	Unit Price	Item Total					
1	FURNISH AND INSTALL WATER POLLUTION CONTROL PROGRAM; COMPLETE-IN-PLACE	1	LS	\$ 90,000	\$ 90,000	\$ 9,000.00	\$ 9,000.00	\$	72,000.00	
2	CONSTRUCTION STAKING	1	LS	\$ 55,000	\$ 55,000			\$	55,000.00	
3	TRAFFIC CONTROL SYSTEM AND CONSTRUCTION AREA SIGNS; COMPLETE-IN-PLACE	1	LS	\$ 525,000	\$ 525,000	\$52,500	\$ 52,500	\$	420,000.00	
4	REMOVE AND DISPOSE ASPHALT CONCRETE AND AGGREGATE BASE (1' DEPTH)	11,170	CF	\$ 7	\$ 78,190			\$	78,190.00	
5	REMOVE AND DISPOSE CONCRETE (CURB)	210	LF	\$ 7	\$ 1,470			\$	1,470.00	
6	REMOVE AND DISPOSE CONCRETE (CURB AND GUTTER)	1,652	LF	\$ 11	\$ 18,172			\$	18,172.00	
7	REMOVE AND DISPOSE CONCRETE SIDEWALK	13,330	SF	\$ 4	\$ 53,320			\$	53,320.00	
8	REMOVE AND DISPOSE CONCRETE PAVEMENT	135	SF	\$ 11	\$ 1,485			\$	1,485.00	
9	REMOVE AND DISPOSE BRICK PAVING	91	SF	\$ 11	\$ 1,001			\$	1,001.00	
10	REMOVE AND DISPOSE PIPE	97	LF	\$ 99	\$ 9,603			\$	9,603.00	
11	REMOVE AND DISPOSE INLET	19	EA	\$ 1,200	\$ 22,800			\$	22,800.00	
12	MODIFY DRAINAGE INLET TO STORM DRAIN MANHOLE; COMPLETE-IN-PLACE	1	EA	\$ 11,400	\$ 11,400			\$	11,400.00	
13	ADJUST MANHOLE FRAME AND COVER; COMPLETE-IN-PLACE	1	EA	\$ 1,950	\$ 1,950			\$	1,950.00	
14	HOT MIX ASPHALT (TYPE B); COMPLETE-IN-PLACE	780	TON	\$ 300	\$ 234,000			\$	234,000.00	
15	CONSTRUCT CONCRETE CURB TYPE B (SALINAS STD PLAN NO. 1, TYPE B); COMPLETE-IN-PLACE	135	LF	\$ 95	\$ 12,825.00			\$	12,825.00	
16	(SALINAS STD PLAN NO. 1, TYPE C); COMPLETE-IN-PLACE	1,350	LF	\$ 110	\$ 148,500.00			\$	148,500.00	
17	CONSTRUCT SIDEWALK; COMPLETE-IN-PLACE	8,840	SF	\$ 15	\$ 132,600.00			\$	132,600.00	
18	CONSTRUCT CURB RAMP (CALTRANS STD CASE A); COMPLETE-IN-PLACE	10	EA	\$ 5,500	\$ 55,000.00			\$	55,000.00	
19	CONSTRUCT CURB RAMP (CALTRANS STD CASE B); COMPLETE-IN-PLACE	10	EA	\$ 5,500	\$ 55,000.00			\$	55,000.00	
20	CONSTRUCT CURB RAMP (MODIFIED CASE B); COMPLETE-IN-PLACE	2	EA	\$ 5,500	\$ 11,000.00			\$	11,000.00	
21	CONSTRUCT CURB RAMP (CALTRANS STD CASE C); COMPLETE-IN-PLACE	3	EA	\$ 5,500	\$ 16,500.00			\$	16,500.00	
22	CONSTRUCT CURB RAMP (MODIFIED CASE C); COMPLETE-IN-PLACE	7	EA	\$ 5,500	\$ 38,500.00			\$	38,500.00	
23	CONSTRUCT CURB RAMP (CASE F); COMPLETE-IN-PLACE	2	EA	\$ 5,500	\$ 11,000.00			\$	11,000.00	
24	CONSTRUCT CURB RAMP (MODIFIED CASE F); COMPLETE-IN-PLACE	3	EA	\$ 5,500	\$ 16,500.00			\$	16,500.00	
25	CONSTRUCT CURB RAMP (CALTRANS STD CASE G); COMPLETE-IN-PLACE	5	EA	\$ 5,500	\$ 27,500.00			\$	27,500.00	
26	CONSTRUCT CURB RAMP (BLENDED TRANSITION); COMPLETE-IN-PLACE	4	EA	\$ 6,000	\$ 24,000.00			\$	24,000.00	
27	FURNISH AND INSTALL PEDESTRIAN BARRICADE; COMPLETE-IN-PLACE	2	EA	\$ 2,150	\$ 4,300.00			\$	4,300.00	
28	RECONSTRUCT DRAINAGE CONNECTION; COMPLETE-IN-PLACE	3	EA	\$ 500	\$ 1,500.00			\$	1,500.00	
29	RECONSTRUCT CURB DRAIN (SALINAS STD PLAN NO. 19); COMPLETE-IN-PLACE	3	EA	\$ 350	\$ 1,050.00			\$	1,050.00	
30	FURNISH AND INSTALL STORM DRAIN MANHOLE; COMPLETE-IN-PLACE	1	EA	\$ 9,500	\$ 9,500.00			\$	9,500.00	
31	FURNISH AND INSTALL 12" RCP PIPE (CLASS III); COMPLETE-IN-PLACE	114	LF	\$ 450	\$ 51,300.00			\$	51,300.00	
32	FURNISH AND INSTALL DRAINAGE INLET; COMPLETE-IN-PLACE	20	EA	\$ 6,000	\$ 120,000.00			\$	120,000.00	
33	SLURRY SEAL TYPE II; COMPLETE-IN-PLACE	745,131	SF	\$ 0.29	\$ 216,087.99			\$	216,087.99	
34	REMOVE AND DISPOSE CITY TREE	1	LS	\$ 8,900	\$ 8,900.00			\$	8,900.00	
35	ROADSIDE SIGN AND POST; COMPLETE-IN-PLACE	1	LS	\$ 60,000	\$ 60,000.00			\$	60,000.00	
36	REMOVE PAVEMENT STRIPING AND MARKINGS; COMPLETE-IN-PLACE	1	LS	\$ 40,000.0	\$ 40,000.00			\$	40,000.00	
37	FURNISH AND INSTALL STRIPING; COMPLETE-IN-PLACE	1	LS	\$ 250,000	\$ 250,000.00			\$	250,000.00	
38	FURNISH AND INSTALL 4" SCHEDULE 80 HDPE CONDUIT WITH MAXCELL INNERDUCT	7,000	LF	\$ 56	\$ 392,000.00		\$ 392,000	\$	-	
39	FURNISH AND INSTALL 4" SCHEDULE 80 HDPE CONDUIT EMPTY	500	LF	\$ 50.00	\$ 25,000.00		\$ 25,000	\$	-	
40	FURNISH AND INSTALL 2" SCHEDULE 80 HDPE CONDUIT EMPTY	200	LF	\$ 45	\$ 9,000.00		\$ 9,000	\$	-	
41	FURNISH AND INSTALL 2" GRS CONDUIT IN GARAGE	250	LF	\$ 52	\$ 13,000.00		\$ 13,000	\$	-	
42	FURNISH AND INSTALL NO. 6E PULL BOX	17	EA	\$ 730	\$ 12,410.00		\$ 12,410	\$	-	

Downtown Complete Streets, Project No. 9090, Federal Project HSIPL-5045(032)

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Base Bid								
Item #	Item Description	Quantity	Measure	Unit Price	Item Total			
43	FURNISH AND INSTALL N48 FIBER OPTIC SPLICE VAULT	10	EA	\$ 2,128	\$ 21,280.00		\$ 21,280	\$ -
44	FURNISH 288-STRAND FIBER OPTIC CABLE	12,100	LF	\$ 5.60	\$ 67,760.00		\$ 67,760	\$ -
45	INSTALL 288-STRAND FIBER OPTIC CABLE IN CONDUIT	9,100	LF	\$ 25	\$ 227,500.00		\$ 227,500	\$ -
46	FURNISH AND INSTALL FIBER SPLICE CLOSURE	1	EA	\$ 50,000	\$ 50,000.00		\$ 50,000	\$ -
47	FURNISH AND INSTALL FIBER TERMINATION PANEL (12 PORT)	0	EA	\$ 27,000	\$ -		\$ -	\$ -
48	FURNISH AND INSTALL FIBER TERMINATION PANEL (288 PORT)	1	EA	\$ 27,000	\$ 27,000.00		\$ 27,000	\$ -
49	MAKE AND TEST FIBER SPLICE	4	EA	\$ 5,100	\$ 20,400.00		\$ 20,400	\$ -
50	MAKE AND TEST FIBER TERMINATION	12	EA	\$ 2,000	\$ 24,000.00		\$ 24,000	\$ -
51	SYSTEM TESTING	1	LS	\$ 31,360	\$ 31,360.00		\$ 31,360	\$ -
52	REMOVE AND DISPOSE SIGNAL POLE AND FOUNDATION	30	EA	\$ 2,800	\$ 84,000.00	\$ 25,200		\$ 58,800.00
53	FURNISH AND INSTALL PULL BOX (CALTRANS NO. 5); COMPLETE-IN-PLACE	78	EA	\$ 800	\$ 62,400.00	\$ 12,800		\$ 49,600.00
54	FURNISH AND INSTALL PULL BOX (CALTRANS NO. 6E); COMPLETE-IN-PLACE	8	EA	\$ 1,300	\$ 10,400.00	\$ 2,600		\$ 7,800.00
55	FURNISH AND INSTALL CONDUIT AND CONDUCTORS; COMPLETE-IN-PLACE	1	LS	\$ 655,200	\$ 655,200.00	\$ 131,040		\$ 524,160.00
56	FURNISH AND INSTALL TRAFFIC SIGNAL CABINET; COMPLETE-IN-PLACE	7	EA	\$ 46,500	\$ 325,500.00	\$ 93,000		\$ 232,500.00
57	FURNISH AND INSTALL TYPE 1-A POLE; COMPLETE-IN-PLACE	37	EA	\$ 3,600	\$ 133,200.00	\$ 28,800		\$ 104,400.00
58	FURNISH AND INSTALL TYPE 21TS POLE AND MAST ARM; COMPLETE-IN-PLACE	5	EA	\$ 14,300	\$ 71,500.00			\$ 71,500.00
59	FURNISH AND INSTALL POLE AND MAST ARM; COMPLETE-IN-PLACE	26	EA	\$ 32,500	\$ 845,000.00	\$ 260,000		\$ 585,000.00
60	FURNISH AND INSTALL DECORATIVE BASE PLATES FOR ALL POLES; COMPLETE-IN-PLACE	68	EA	\$ 3,500	\$ 238,000.00	\$ 56,000		\$ 182,000.00
61	PEDESTRIAN SIGNALS AND MOUNTINGS; COMPLETE-IN-PLACE	92	EA	\$ 1,000	\$ 92,000.00	\$ 16,000		\$ 76,000.00
62	FURNISH AND INSTALL VEHICULAR SIGNALS AND MOUNTINGS; COMPLETE-IN-PLACE	142	EA	\$ 1,100	\$ 156,200.00	\$ 30,800		\$ 125,400.00
63	FURNISH AND INSTALL PEDESTRIAN PUSH BUTTON ASSEMBLY; COMPLETE-IN-PLACE	80	EA	\$ 1,350	\$ 108,000.00	\$ 10,800		\$ 97,200.00
64	FURNISH AND INSTALL EMERGENCY VEHICLE PRE-EMPTION DETECTOR AND CABLING (MODEL 721)	10	LS	\$ 12,320	\$ 123,200.00	\$ 1,232		\$ 121,968.00
65	FURNISH AND INSTALL VIDEO DETECTION SYSTEM; COMPLETE-IN-PLACE	37	EA	\$ 16,700	\$ 617,900.00	\$ 133,600		\$ 484,300.00
66	FURNISH AND INSTALL BATTERY BACKUP SYSTEM; COMPLETE-IN-PLACE	7	EA	\$ 13,160	\$ 92,120.00	\$ 26,320		\$ 65,800.00
67	FURNISH AND INSTALL CONTROLLER; COMPLETE-IN-PLACE	7	EA	\$ 10,600	\$ 74,200.00	\$ 21,200		\$ 53,000.00
68	FURNISH AND INSTALL SIGN ON TRAFFIC SIGNAL MAST ARM; COMPLETE-IN-PLACE	30	EA	\$ 400	\$ 12,000.00	\$ 800		\$ 11,200.00
69	FURNISH AND INSTALL IISNS; COMPLETE-IN-PLACE	30	EA	\$ 9,600	\$ 288,000.00	\$ 76,800		\$ 211,200.00
Bid Total (Items 1-69) (For Comparison Only)					\$7,324,484	\$988,492	\$982,210	\$5,353,782
Contingencies			8.8%	\$642,000	\$86,643	\$86,092	\$469,266	
Construction Engineering			8%	\$586,000	\$79,085	\$78,582	\$428,333	
Total				\$8,552,484	\$1,154,219	\$1,146,884	\$6,251,380	
Appropriation					\$600,000	\$707,000	\$ 5,377,111	
Shortfall					\$ (554,219)	\$ (439,884)	\$ (874,269)	