

Estimate of Materials and Cost of Construction														
Date:								Amount		ABLE Estimating ABILITY · ACCURACY · ON TIME				
Project:				Landscape Project Takeoff				\$ 120,213.56						
Project Location:				California				\$ 24,042.71						
				TOTAL BASE BID				\$ 144,256.28						
Summary														
													TRADE COST	
				DIV-01	GENERAL								\$ -	
				DIV-02	SELECTIVE REMOVALS AND DEMOLITIONS								\$ 1,658	
				DIV-03	CONCRETE								\$ -	
				DIV-04	UNIT MASONRY								\$ -	
				DIV-05	METALS								\$ -	
				DIV-06	WOOD, PLASTICS & COMPOSITES								\$ -	
				DIV-07	THERMAL AND MOISTURE PROTECTION								\$ -	
				DIV-08	OPENINGS								\$ -	
				DIV-09	FINISHES								\$ -	
				DIV-10	SPECIALTIES								\$ -	
				DIV-11	EQUIPMENTS								\$ -	
				DIV-12	FURNISHINGS								\$ -	
				DIV-13	SPECIAL CONSTRUCTION								\$ -	
				DIV-14	CONVEYING EQUIPMENT								\$ -	
				DIV-21	FIRE SUPPRESSION								\$ -	
				DIV-22	PLUMBING								\$ -	
				DIV-23	(HVAC) HEATING VENTILATING & AIR CONDITIONING								\$ -	
				DIV-26	ELECTRICAL								\$ -	
				DIV-31	EARTHWORK								\$ 2,111	
				DIV-32	EXTERIOR IMPROVEMENTS								\$ 116,445	
				DIV-33	UTILITIES								\$ -	
													\$ 120,213.56	
								INSURANCE	0%				\$ -	
								OVERHEAD AND PROFIT	20%				\$ 24,042.71	
								TOTAL BASE BID					\$ 144,256.28	
Detailed Estimate														
ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL ITEM COST	TRADE COST
			DIV-01	GENERAL										\$ -
1				Permit	1	0%	1	LS			\$ -	\$ -	\$ -	
2				Supervision	1	0%	1	LS			\$ -	\$ -	\$ -	
3				Final Cleanup	1	0%	1	LS			\$ -	\$ -	\$ -	
4				Mobilization Cost	1	0%	1	LS			\$ -	\$ -	\$ -	
5				Project Overheads	1	0%	1	LS			\$ -	\$ -	\$ -	
6				Bonds	1	0%	1	LS			\$ -	\$ -	\$ -	
7				Fees (Architect & Engineer)	1	0%	1	LS			\$ -	\$ -	\$ -	
8				Temporary Control & Facilities	1	0%	1	LS			\$ -	\$ -	\$ -	
			DIV-02	SELECTIVE REMOVALS AND DEMOLITIONS										\$ 1,658
9				Demo (E) Slab Waterproofing Demolition, Completed By City. Contractor To Grind Remaining Waterproofing Off To Leave Isri-Csp 4-6 Concrete For Application Of Waterproofing.	598	10%	658	SF		\$ 1.80	\$ -	\$ 1,184	\$ 1,184	
10				(E) Concrete Bench And Mast Pedestal - Contractor To Wash All Concrete Surfaces With Water And Prosoco Sure Klean Light Duty Concrete Cleaner. All Surfaces To Be Washed Down With Fresh Water After Cleaning. Contractor To Protect All Other Surfaces Per Manufacturer's Guidelines	172.21	10%	189	SF		\$ 2.50	\$ -	\$ 474	\$ 474	
			DIV-31	EARTHWORK										\$ 2,111
11				Allowance for Clearing and Grubbing Area = 1018.09 SF	1	0%	1	LS		\$ 1,500.00	\$ -	\$ 1,500	\$ 1,500	
12				Grading Mild Grading (Existing Contours Not Given, Please Provide Existing Contours For Proper Grading)	1,018	20%	1,222	SF		\$ 0.50	\$ -	\$ 611	\$ 611	
			DIV-32	EXTERIOR IMPROVEMENTS										\$ 116,445
13				Site Planter Drain Preparation	7	10%	8	EA	\$ 295.00	\$ 120.00	\$ 2,272	\$ 924	\$ 3,196	
14				Waterproofing At Drain - (N) Polymer Modified Repair Mortar -Sika Sikatop 122 Plus - (N) Cold Fluid Applied Waterproofing Fabric Reinforced Stripe Coat Over Cim Emp Primer - (N) Cold Fluid Applied Waterproof Membrane - Cim 1000 Over Fabric Reinforced Stripe Coat 120 Mill Over Cim Emp Primer - (N) Drain Mat With Filter Fabric Face And Poly Film Backer - J-Drain 420 X - (N) Pea Gravel In Geotextile Wrap	7	10%	8	EA	\$ 445.00	\$ 180.00	\$ 3,427	\$ 1,386	\$ 4,813	
15				(N) Planter Drain Clamping Ring -Thunderbird Stainless Steel	7	10%	8	EA	\$ 336.00	\$ 138.00	\$ 2,587	\$ 1,063	\$ 3,650	
16				(N) Planter Drain Flange Set 1N Full Bed Of Sealant - Cim 1000 Trowel Grade	7	10%	8	EA	\$ 336.00	\$ 138.00	\$ 2,587	\$ 1,063	\$ 3,650	
17				(N) Sealant Cant - Cim 1000 Trowel	7	10%	8	EA	\$ 25.00	\$ 75.00	\$ 193	\$ 578	\$ 770	
18				1'-7" H Concrete Planter Wall. Prepare Face Of Concrete To Isri Csp 4-6	32.1	10%	35	LF	\$ 46.00	\$ 20.00	\$ 1,624	\$ 706	\$ 2,330	
19				12" (N) Polymer Modified Repair Mortar At Pocks In Concrete, Sikatop 123 Plus	32.1	10%	35	LF	\$ 32.00	\$ 14.00	\$ 1,130	\$ 494	\$ 1,624	
20				2'-0" H Concrete Planter Wall. Prepare Face Of Concrete To Isri Csp 4-6	32.1	10%	35	LF	\$ 65.00	\$ 27.00	\$ 2,295	\$ 953	\$ 3,249	
21				2'-0" H (N) Cold Fluid Applied Waterproof Membrane - Cim 1000 Over Fabric Reinforced Stripe Coat 120 Mill Over Cim Emp Primer	32.1	10%	35	LF	\$ 65.00	\$ 27.00	\$ 2,295	\$ 953	\$ 3,249	
22				(N) Drain Mat, Wrap Filter Fabric Over Top	32.1	10%	35	LF	\$ 8.60	\$ 2.85	\$ 304	\$ 101	\$ 404	
23				(N) 22Ga. S.S. Flashing With 1/2" Hemmed Edge	32.1	10%	35	LF	\$ 5.75	\$ 9.80	\$ 203	\$ 346	\$ 549	
24				Bottom Of 22 Ga. S.S. Flashing At Bench, Beyond	32.1	10%	35	LF	\$ 5.75	\$ 9.80	\$ 203	\$ 346	\$ 549	
25				(N) Urethane Sealant - Sika 1A	32.1	10%	35	LF	\$ 1.20	\$ 3.60	\$ 42	\$ 127	\$ 169	
26				2'-0" Wide Waterproofing At Bench	81.57	10%	90	LF	\$ 4.00	\$ 2.00	\$ 359	\$ 179	\$ 538	
27				3'-4" Wide Waterproofing At Dam	84.18	10%	93	LF	\$ 5.80	\$ 2.25	\$ 537	\$ 208	\$ 745	
28				Waterproofing: Contractor To Install Waterproofing Install Cim Emp Primer, Then Cim-1000 Fabric Reinforced Stripe Coat, Then Cim-1000 120 Mill Cold Fluid Application, Then Jdrain 420Xi Drain Mat And Filter Fabric	619.58	10%	682	SF	\$ 2.50	\$ 1.20	\$ 1,704	\$ 818	\$ 2,522	
29				1: Fountain - Basalt Columns (24", 18" And 18" Height) Blue Thumb Water Feature, Ofci, Contractor Furnished + Installed 24" - 36" Stone Slab, 6" Minimum Thickness. Stone Slabs To Be Lancaster Granite Steps From Lyngso, (650) 364-1730	3	10%	3	EA	\$ 380.00	\$ 125.00	\$ 908	\$ 413	\$ 1,320	
30				1/2" Electrical Conduit	1	10%	1	EA	\$ 60.00	\$ 140.00	\$ 66	\$ 154	\$ 220	
31				1/4" Plate W/ Angle Brackets	4	10%	4	EA	\$ 145.00	\$ 60.00	\$ 638	\$ 264	\$ 902	
32				2: Landscape Boulder - Large 24" Diameter Natural Stone Boulders, Ofci	5	10%	6	EA	\$ 228.00	\$ 92.00	\$ 1,254	\$ 506	\$ 1,760	
33				3: Landscape Boulder - Small To Medium 12"-18" Boulders, Ofci	10	10%	11	EA	\$ 190.00	\$ 75.00	\$ 2,090	\$ 825	\$ 2,915	
34				3/8" Threaded Rods To Secure Lantern To Concrete. Install To MatchLantern,Epoxy	6	10%	7	EA	\$ 25.00	\$ 8.00	\$ 165	\$ 53	\$ 218	
36				10: Metal Header - 1/8" Black Metal Header, 4" Deep	2	10%	2	EA	\$ 95.00	\$ 40.00	\$ 209	\$ 88	\$ 297	
37				12"X6"X42" Long Concrete Footing W/ 1 #4 Rebar, 3" Clear	4	10%	4	EA	\$ 386.00	\$ 150.00	\$ 1,698	\$ 660	\$ 2,358	
38				Memorial Plaque To Be Provided By City, Installed By Contractor	1	10%	1	EA	\$ -	\$ 145.00	\$ -	\$ 160	\$ 160	
39				Surface Drain/Cleanout	6	10%	7	EA	\$ 395.00	\$ 140.00	\$ 2,607	\$ 924	\$ 3,531	
40				10: Metal Header - 1/8" Black Metal Header, 4" Deep	59.74	10%	66	LF	\$ 14.00	\$ 6.00	\$ 920	\$ 394	\$ 1,314	
41				4: Cobble - 2" - 4" Noia Cobble Available From Site One Stone Center, Place 3" Deep Over Fountain	38.17	10%	42	SF	\$ 8.75	\$ 3.20	\$ 367	\$ 134	\$ 502	
42				5: Cobble Mulch - 2" - 4" Noia Cobble Available From Site One Stone Center, Place 3'-4" Deep, Keep 2" Away From Plants	38.17	10%	42	SF	\$ 8.75	\$ 3.20	\$ 367	\$ 134	\$ 502	
43				4" Thick Concrete Pad, Sand	2.95	10%	3	SF	\$ 9.60	\$ 4.20	\$ 31	\$ 14	\$ 45	
44				6: Raked Sand - Golf Course Bunker Sand, 4" Depth, Sand Meets Astm C778 20-30	89.69	10%	99	SF	\$ 2.90	\$ 1.20	\$ 286	\$ 118	\$ 405	
45				Structure Lightweight Soil, Mounded Per Plan & Depressed Under The Rock, Sand & Water Feature	89.69	10%	99	SF	\$ 8.36	\$ 3.70	\$ 825	\$ 365	\$ 1,190	
46				8: Wood Bridge - Ofci	18.14	10%	20	SF	\$ -	\$ 25.00	\$ -	\$ 499	\$ 499	
47				Stone Lantern, Ofci	2.02	10%	2	SF	\$ -	\$ 34.00	\$ -	\$ 76	\$ 76	
				Irrigation										
48				1" Dia Mainline: Sch. 40 Pvc; All Mainlines & Fittings	11.72	10%	13	LF	\$ 9.20	\$ 16.90	\$ 119	\$ 218	\$ 336	
49				3/4" Dia Lateral Line: Sch. 40 Pvc; All Laterals & Fittings	8.09	10%	9	LF	\$ 6.80	\$ 14.00	\$ 61	\$ 125	\$ 185	
50				Air Relief/Vacuum Valve: Rainbird Avv-050	2	10%	2	EA	\$ 385.00	\$ 136.00	\$ 847	\$ 299	\$ 1,146	

51		Ball Valve: Nds Pvc Valve	1	10%	1	EA	\$	226.00	\$	100.00	\$	249	\$	110	\$	359	
52		Controller: Rainbird #Esp6Mei, 6 Station Irrigation Controller	1	10%	1	EA	\$	450.00	\$	145.00	\$	495	\$	160	\$	655	
53		Drip Remote Control Valve: Rainbird #Kcz-100-Prb, 1" Valve With Drip Zone Kit	2	10%	2	EA	\$	295.00	\$	135.00	\$	640	\$	275	\$	924	
54		Electrical Connection	1	10%	1	EA	\$	165.00	\$	75.00	\$	182	\$	83	\$	264	
55		Flood Bubbler: Rainbird 1404 With Rws-Bc-1404; Add Sand Sock	1	10%	1	EA	\$	285.00	\$	120.00	\$	314	\$	132	\$	446	
56		Flow Sensor: Irritrol Fs-B100.	1	10%	1	EA	\$	226.00	\$	100.00	\$	249	\$	110	\$	359	
57		Manual Flush Valve	2	10%	2	EA	\$	380.00	\$	136.00	\$	836	\$	299	\$	1,135	
58		Master Valve: Rainbird #100-Asvf, 1" Antisiphon Valve	1	10%	1	EA	\$	475.00	\$	180.00	\$	523	\$	198	\$	721	
59		Moisture Sensor: Rainbird #Smrt-Y Soil Moisture Sensor Kit	1	10%	1	EA	\$	290.00	\$	120.00	\$	319	\$	132	\$	451	
60		Operation Indicator: Rainbird #Operind, 6" Pop Indicator	2	10%	2	EA	\$	336.00	\$	134.00	\$	799	\$	295	\$	1,034	
61		Quick Coupler: Rainbird #44Lrc, 1" Quick Connect With Lockable Lid	1	10%	1	EA	\$	285.00	\$	120.00	\$	314	\$	132	\$	446	
62		Remote Control Valve: Rainbird #100-Peb, 1" Valve	1	10%	1	EA	\$	310.00	\$	125.00	\$	341	\$	138	\$	479	
63		Stream Bubbler: Rainbird #1806-SH-B, Sch 40 Pvc Laterals And Risers	1	10%	1	EA	\$	195.00	\$	75.00	\$	215	\$	83	\$	297	
64		Subsurface Drip Irrigation: Rainbird #Xfs-04012, 12" Row Spacing, 12" Emitter Spacing, 0.4 Gph	323.27	10%	356	SF	\$	2.60	\$	0.80	\$	925	\$	284	\$	1,209	
Electrical																	
65		Electrical Conduit Cap And Repair	8	10%	9	EA	\$	75.00	\$	50.00	\$	660	\$	440	\$	1,100	
66		Electrical Outlet Rewire To Panel	1	10%	1	EA	\$	90.00	\$	120.00	\$	99	\$	132	\$	231	
67		120V Water Proof Duplex W/ Gfci	4	10%	4	EA	\$	66.00	\$	45.00	\$	290	\$	198	\$	488	
68		Accent Light: Fx Luminaire #Qb-Iled-Bz, Wall Wash Light, 2W Lamp, Bronze Finish, Install With Stake	6	10%	7	EA	\$	195.00	\$	135.00	\$	1,287	\$	891	\$	2,178	
69		Conduit Daylight	1	10%	1	EA	\$	65.00	\$	145.00	\$	72	\$	160	\$	231	
70		Lantern Light: Fx Luminaire #Vo-1Led-St-Ss, Uplight, 3.1W, Install In Lantern Pointing Up, Stainless Steel Finish	1	10%	1	EA	\$	200.00	\$	125.00	\$	220	\$	138	\$	358	
71		Panel Ln2B	1	10%	1	EA	\$	1,875.00	\$	850.00	\$	2,063	\$	935	\$	2,998	
72		Path Light: Fx Luminaire #Piledta-Bz+A-Iled-12Ra-Bz, Pathway Light, 2W Lamp, Bronze Finish, Install With Stake	5	10%	6	EA	\$	336.00	\$	145.00	\$	1,848	\$	798	\$	2,646	
73		(E) Dam Waterproofing Demolition, Completed By City. Contractor To Grind Remaining Waterproofing Off To Leave Iczi-Csp 4-6 Concrete For Application Of Waterproofing	84.35	10%	93	LF			\$	3.60	\$	-	\$	334	\$	334	
74		Electrical Conduit	108.38	10%	119	LF	\$	4.20	\$	9.70	\$	501	\$	1,156	\$	1,657	
75		Install Line Voltage Wires On Concrete Dams	53	10%	58	LF	\$	2.00	\$	5.60	\$	117	\$	326	\$	443	
76		Install Low Voltage Lines On Concrete Dams	131.3	10%	144	LF	\$	2.00	\$	5.60	\$	289	\$	809	\$	1,098	
77		Install Strip Light Above (N) Flashing In Channel Mount	79.35	10%	87	LF	\$	48.00	\$	20.00	\$	4,190	\$	1,746	\$	5,935	
Landscape																	
Ground Covers																	
78		Saxinea Subulata Irish Moss	143.79	10%	158	SF	\$	3.80	\$	1.34	\$	601	\$	212	\$	813	
79		Ophiopogon 'Nigrescens' Black Mondo Grass	65.62	10%	72	SF	\$	6.36	\$	2.20	\$	459	\$	159	\$	618	
Trees																	
80		Acer C. 'Pacific Fire', Vine Maple, 15 Gal.	1	10%	1	EA	\$	820.00	\$	300.00	\$	902	\$	330	\$	1,232	
Shrubs																	
81		Acacia C. 'Cousin Itt', River Wattle, 5 Gal.	3	10%	3	EA	\$	265.00	\$	75.00	\$	875	\$	248	\$	1,122	
82		Aucuba J. 'Variegata', Japanese Laurel, 5 Gal.	5	10%	6	EA	\$	280.00	\$	75.00	\$	1,540	\$	413	\$	1,953	
83		Azalea R. 'Alaska', White Azalea, 5 Gal.	8	10%	9	EA	\$	275.00	\$	75.00	\$	2,420	\$	660	\$	3,080	
84		Azalea K. 'Coral Belle', Pink Azalea, 5 Gal.	9	10%	10	EA	\$	245.00	\$	75.00	\$	2,426	\$	743	\$	3,168	
85		Coleonema 'Sunset Gold', Breath Of Heaven, 5 Gal.	3	10%	3	EA	\$	280.00	\$	75.00	\$	924	\$	248	\$	1,172	
86		Pinus Mugo 'Pumilio', Dwarf Mountain, 5 Gal.	3	10%	3	EA	\$	235.00	\$	75.00	\$	776	\$	248	\$	1,023	
Grass/Grass-Like																	
87		Car Eve Carex 'Evergold'	20	10%	22	EA	\$	200.00	\$	50.00	\$	4,400	\$	1,100	\$	5,500	
88		Lir Mus Liriope Muscari 'Sunproof'	46	10%	51	EA	\$	225.00	\$	65.00	\$	11,385	\$	3,289	\$	14,674	
SUB TOTAL														\$	120,214	\$	120,214
INSURANCE														\$	-	\$	-
OVERHEAD AND PROFIT														\$	24,043	\$	24,043
TOTAL BASE BID														\$	144,256	\$	144,256

