

CITY ENGINEER'S ESTIMATE

**City of Los Angeles - Department of Public Works - Bureau of Engineering
 Emergency Geotechnical/Structural Construction Services Project
 Grand View Drive Bulkhead
 W.O. No. E1907365**



DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		JOHN S. MEEK COMPANY, INC.		PPC CONSTRUCTION, INC.		CALEX ENGINEERING COMPANY	
ITEM	DESCRIPTION	UNIT	QTY	Unit Price	ITEM TOTAL	Unit Price	ITEM TOTAL	Unit Price	ITEM TOTAL	Unit Price	ITEM TOTAL
1	Mobilization (General Requirements, Sections 01292 and 1721)	LS			\$11,775.00		\$11,500.00		\$33,400.00		\$27,500.00
2	Allowance for Differing Site Conditions (General Requirements, Sections 01212 and 01253)	LS			\$23,630.00		\$23,630.00		\$23,630.00		\$23,630.00
3	Allowance for Utility & Service Line Relocation or Permanent Support (General Requirements, Section 01212)	LS			\$20,000.00		\$20,000.00		\$20,000.00		\$20,000.00
4	Traffic Control	LS			\$3,000.00		\$13,000.00		\$7,000.00		\$1,800.00
5	Clearing and grubbing, prior to grading slope	EA	400	\$3.00	\$1,200.00	\$3.50	\$1,400.00	\$10.00	\$4,000.00	\$16.00	\$6,400.00
6	Drill 8 holes ea. 36" diameter x 41 ft deep, for Soldier Beams	LF	328	\$300.00	\$98,400.00	\$63.00	\$20,664.00	\$105.00	\$34,440.00	\$134.00	\$43,952.00
7	Supply 8 Soldier Beams (ea. 41 ft long) - W24X117	LF	328	\$125.00	\$41,000.00	\$150.50	\$49,364.00	\$106.00	\$34,768.00	\$130.00	\$42,640.00
8	Install 8 Soldier Beams (ea. 41 ft long) - W24X117	LF	328	\$125.00	\$41,000.00	\$48.50	\$15,908.00	\$32.00	\$10,496.00	\$50.00	\$16,400.00
9	Supply, pump and place concrete for embedded portion of soldier beams	CY	51	\$135.00	\$6,885.00	\$352.00	\$17,952.00	\$324.00	\$16,524.00	\$255.00	\$13,005.00
10	Supply, pump and place slurry for cantilevered portion of soldier piles	CY	20	\$135.00	\$2,700.00	\$130.00	\$2,600.00	\$190.00	\$3,800.00	\$470.00	\$9,400.00
11	Excavation for lagging and backdrain, including sawcut and removal of AC, haul-away and dispose	CY	40	\$85.00	\$3,400.00	\$190.00	\$7,600.00	\$200.00	\$8,000.00	\$325.00	\$13,000.00
12	Supply 8" x 1'-6" x 8 ft long pre-cast lagging panels	EA	30	\$450.00	\$13,500.00	\$542.00	\$16,260.00	\$770.00	\$23,100.00	\$530.00	\$15,900.00
13	Install 8" x 1'-6" x 8 ft long precast lagging panels	EA	30	\$175.00	\$5,250.00	\$385.00	\$11,550.00	\$407.00	\$12,210.00	\$238.00	\$7,140.00
14	Place 24" wide drain consisting of 3/4" rock wrapped in geofabric filter, at backside of lagging, geofabric and hydroauger array, prior to backfilling	CY	10	\$100.00	\$1,000.00	\$275.00	\$2,750.00	\$330.00	\$3,300.00	\$768.00	\$7,680.00
15	Construct fill in lifts, certified 90% min. relative compaction	CY	32	\$110.00	\$3,520.00	\$113.00	\$3,616.00	\$175.00	\$5,600.00	\$220.00	\$7,040.00
16	Erosion control groundcover hydro-mulch with native seed mix per building code	SF	700	\$3.00	\$2,100.00	\$2.40	\$1,680.00	\$5.00	\$3,500.00	\$4.40	\$3,080.00
17	Supply and install metal-beam vehicular guardrail per Standard Plan S-462, Type 2	LF	82	\$120.00	\$9,840.00	\$158.50	\$12,997.00	\$141.00	\$11,562.00	\$195.00	\$15,990.00
18	Construct AC pavement 6" - 8" thick with 12" CMB	SF	175	\$28.00	\$4,900.00	\$22.00	\$3,850.00	\$22.00	\$3,850.00	\$50.00	\$8,750.00
19	Construct AC Berm (curb) at edge of pavement	LF	50	\$40.00	\$2,000.00	\$44.50	\$2,225.00	\$50.00	\$2,500.00	\$114.00	\$5,700.00
TOTAL ESTIMATED CONSTRUCTION COST:					\$295,100.00		\$238,546.00		\$261,680.00		\$289,007.00
						{ Low }	-19.16%	{ Low }	-11.32%	{ Low }	-2.06%

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DETAILED RESULTS				CITY ENGINEER'S ESTIMATE		CLARKE CONTRACTING CORPORATION		BALI CONSTRUCTION, INC.	
ITEM	DESCRIPTION	UNIT	QTY	Unit Price	ITEM TOTAL	Unit Price	ITEM TOTAL	Unit Price	ITEM TOTAL
1	Mobilization (General Requirements, Sections 01292 and 1721)	LS			\$11,775.00		\$11,775.00		\$11,775.00
2	Allowance for Differing Site Conditions (General Requirements, Sections 01212 and 01253)	LS			\$23,630.00		\$23,630.00		\$23,630.00
3	Allowance for Utility & Service Line Relocation or Permanent Support (General Requirements, Section 01212)	LS			\$20,000.00		\$20,000.00		\$20,000.00
4	Traffic Control	LS			\$3,000.00		\$4,800.00		\$5,090.00
5	Clearing and grubbing, prior to grading slope	EA	400	\$3.00	\$1,200.00	\$10.00	\$4,000.00	\$11.00	\$4,400.00
6	Drill 8 holes ea. 36" diameter x 41 ft deep, for Soldier Beams	LF	328	\$300.00	\$98,400.00	\$185.00	\$60,680.00	\$429.00	\$140,712.00
7	Supply 8 Soldier Beams (ea. 41 ft long) - W24X117	LF	328	\$125.00	\$41,000.00	\$174.00	\$57,072.00	\$141.00	\$46,248.00
8	Install 8 Soldier Beams (ea. 41 ft long) - W24X117	LF	328	\$125.00	\$41,000.00	\$131.00	\$42,968.00	\$207.00	\$67,896.00
9	Supply, pump and place concrete for embedded portion of soldier beams	CY	51	\$135.00	\$6,885.00	\$370.00	\$18,870.00	\$271.25	\$13,833.75
10	Supply, pump and place slurry for cantilevered portion of soldier piles	CY	20	\$135.00	\$2,700.00	\$150.00	\$3,000.00	\$212.75	\$4,255.00
11	Excavation for lagging and backdrain, including sawcut and removal of AC, haul-away and disposal	CY	40	\$85.00	\$3,400.00	\$240.00	\$9,600.00	\$192.75	\$7,710.00
12	Supply 8" x 1'-6" x 8 ft long pre-cast lagging panels	EA	30	\$450.00	\$13,500.00	\$475.00	\$14,250.00	\$901.00	\$27,030.00
13	Install 8" x 1'-6" x 8 ft long precast lagging panels	EA	30	\$175.00	\$5,250.00	\$315.00	\$9,450.00	\$112.00	\$3,360.00
14	Place 24" wide drain consisting of 3/4" rock wrapped in geofabric filter, at backside of lagging, geofabric and hydroauger array, prior to backfilling	CY	10	\$100.00	\$1,000.00	\$650.00	\$6,500.00	\$435.00	\$4,350.00
15	Construct fill in lifts, certified 90% min. relative compaction	CY	32	\$110.00	\$3,520.00	\$205.00	\$6,560.00	\$141.50	\$4,528.00
16	Erosion control groundcover hydro-mulch with native seed mix per building code	SF	700	\$3.00	\$2,100.00	\$3.00	\$2,100.00	\$1.25	\$875.00
17	Supply and install metal-beam vehicular guardrail per Standard Plan S-462, Type 2	LF	82	\$120.00	\$9,840.00	\$141.00	\$11,562.00	\$138.00	\$11,316.00
18	Construct AC pavement 6" - 8" thick with 12" CMB	SF	175	\$28.00	\$4,900.00	\$45.00	\$7,875.00	\$59.25	\$10,368.75
19	Construct AC Berm (curb) at edge of pavement	LF	50	\$40.00	\$2,000.00	\$100.00	\$5,000.00	\$11.50	\$575.00
TOTAL ESTIMATED CONSTRUCTION COST:					\$295,100.00		\$319,692.00		\$407,952.50
						{ High }	8.33%	{ High }	38.24%