

**COUNTY OF ORANGE  
OC PUBLIC WORKS/OC INSPECTION  
BID ABSTRACT**

BIDS OPENED: 7/27/2011

No. OF BIDDERS: 7

No. OF BID ITEMS: 46

W.O. No: EC41245

PROJECT: KLINE DRIVE IMPROVEMENTS AND ORCHARD STORM DRAIN

LIMITS: ORCHARD DRIVE TO 750' SOUTHERLY/RIVERSIDE DRIVE TO 900' UPSTREAM

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	ENGINEER'S ESTIMATE		MAMCO, INC.		SRD ENG. INC	
				ITEM PRICE	TOTAL	ITEM PRICE	TOTAL	ITEM PRICE	TOTAL
1	MOBILIZATION	LS	1.00	30,000.00	30,000.00	28,000.00	28,000.00	30,000.00	30,000.00
2	SECTION D PERMIT REQUIREMENTS	LS	1.00	5,000.00	5,000.00	1,500.00	1,500.00	5,000.00	5,000.00
3	POTHOLING	EA	15.00	1,500.00	22,500.00	350.00	5,250.00	365.00	5,475.00
4	ESCCP	LS	1.00	10,000.00	10,000.00	3,218.75	3,218.75	10,000.00	10,000.00
5	MAINTAIN TRAFFIC AND DETOURS	LS	1.00	12,000.00	12,000.00	6,500.00	6,500.00	11,000.00	11,000.00
6	CLEARING AND GRUBBING	LS	1.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
7	PROJECT INFORMATION SIGN	EA	1.00	800.00	800.00	750.00	750.00	1,500.00	1,500.00
8(S)	ISA CERTIFIED ARBORIST	LS	1.00	2,000.00	2,000.00	1,750.00	1,750.00	2,100.00	2,100.00
9	ROOT PRUNING	EA	20.00	400.00	8,000.00	130.00	2,600.00	120.00	2,400.00
10	TREE ROOT BARRIER	LF	150.00	10.00	1,500.00	15.00	2,250.00	14.00	2,100.00
11	TREE REMOVAL	EA	20.00	1,000.00	20,000.00	260.00	5,200.00	250.00	5,000.00
12	TRIM TREES	EA	20.00	200.00	4,000.00	165.00	3,300.00	160.00	3,200.00
13	FURNISH AND PLANT TREES	EA	20.00	1,000.00	20,000.00	500.00	10,000.00	510.00	10,200.00
14	ABANDON ACP WATER MAIN	LF	395.00	50.00	19,750.00	10.50	4,147.50	12.00	4,740.00
15(S)	REMOVE ACP WATER MAIN	LF	275.00	75.00	20,625.00	40.00	11,000.00	34.00	9,350.00
16	REMOVE ASPHALT CONCRETE	CY	65.00	90.00	5,850.00	35.00	2,275.00	80.00	5,200.00
17	TEMPORARY FENCE AND GATES	LF	780.00	20.00	15,600.00	15.00	11,700.00	14.00	10,920.00
18	REMOVE AND RELOCATE EXISTING SIGN	EA	2.00	200.00	400.00	95.00	190.00	90.00	180.00
19	REMOVE CONCRETE	CY	43.00	125.00	5,375.00	40.00	1,720.00	130.00	5,590.00
20(S)	FURNISH AND INSTALL HYDRANT	EA	2.00	5,000.00	10,000.00	5,600.00	11,200.00	7,000.00	14,000.00
21	RESET MAILBOX	EA	3.00	400.00	1,200.00	250.00	750.00	270.00	810.00
22	REMOVE EXISTING 24" PIPE	LS	1.00	1,000.00	1,000.00	2,500.00	2,500.00	3,700.00	3,700.00
23(S)	SALVAGE WATER METER	EA	13.00	3,000.00	39,000.00	900.00	11,700.00	930.00	12,090.00
24(S)	WATER METER BOX AND SERVICE	EA	1.00	3,500.00	3,500.00	1,000.00	1,000.00	1,000.00	1,000.00
25(S)	CONNECT WATER METER TO CUSTOMER	LS	1.00	55,000.00	55,000.00	55,000.00	55,000.00	55,000.00	55,000.00
26(S)	ADJUST MANHOLE TO GRADE	EA	3.00	1,000.00	3,000.00	600.00	1,800.00	710.00	2,130.00
27(S)	ADJUST WATER VALVE TO GRADE	EA	3.00	1,000.00	3,000.00	300.00	900.00	690.00	2,070.00
28(S)	ELECTRICAL SERVICE TO APN 439-151-21	LS	1.00	8,000.00	8,000.00	7,500.00	7,500.00	21,000.00	21,000.00
29	UNCLASSIFIED EXCAVATION	CY	1,250.00	50.00	62,500.00	43.00	53,750.00	30.00	37,500.00
30	UNCLASSIFIED FILL	CY	10.00	200.00	2,000.00	45.00	450.00	110.00	1,100.00
31	ASPHALT CONCRETE PAVEMENT	TN	710.00	100.00	71,000.00	88.00	62,480.00	81.00	57,510.00
32	AC (MISCELLANEOUS AREAS)	TN	2.00	200.00	400.00	88.00	176.00	1,200.00	2,400.00
33(S)	COLD PLANE AC PAVEMENT	SY	655.00	10.00	6,550.00	7.25	4,748.75	9.00	5,895.00
34	MISCELLANEOUS CONCRETE	CY	135.00	650.00	87,750.00	300.00	40,500.00	240.00	32,400.00
35	CHAIN LINK FENCE	LF	360.00	30.00	10,800.00	31.00	11,160.00	29.00	10,440.00
36	CHAIN LINK GATE	EA	5.00	2,000.00	10,000.00	1,750.00	8,750.00	1,600.00	8,000.00
37	SHORING	LS	1.00	10,000.00	10,000.00	4,000.00	4,000.00	4,200.00	4,200.00
38	18" RCP (D-1500 LOAD)	LF	36.00	300.00	10,800.00	100.00	3,600.00	100.00	3,600.00
39	24" RCP (D-1500 LOAD)	LF	888.00	200.00	177,600.00	94.00	83,472.00	100.00	88,800.00
40	TYPE 1 JUNCTION STRUCTURE	EA	3.00	6,000.00	18,000.00	4,250.00	12,750.00	4,300.00	12,900.00
41	TYPE OS CURB INLET	EA	3.00	9,000.00	27,000.00	4,250.00	12,750.00	3,500.00	10,500.00
42(S)	SIGNING, STRIPING & PAVEMENT MARKING	LS	1.00	2,000.00	2,000.00	2,750.00	2,750.00	2,500.00	2,500.00
43	HYDRODYNAMIC SEPARATOR UNIT	EA	1.00	20,000.00	20,000.00	29,000.00	29,000.00	24,000.00	24,000.00
44	HYDROSEEDING	LS	1.00	2,500.00	2,500.00	6,500.00	6,500.00	3,000.00	3,000.00
45	PROTECT CMSD SEWER FACILITIES	LS	1.00	5,000.00	5,000.00	1,000.00	1,000.00	850.00	850.00
46(S)	CMSD SEWER LATERAL	EA	2.00	3,000.00	6,000.00	1,000.00	2,000.00	1,340.00	2,680.00
<b>TOTAL BID PRICE</b>					<b>\$ 862,000.00</b>		<b>\$ 538,538.00</b>		<b>\$ 549,030.00</b>

**COUNTY OF ORANGE  
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BID ABSTRACT**

BIDS OPENED: 7/27/2011

No. OF BIDDERS: 7

No. OF BID ITEMS: 46

W.O. No: EC41245

PROJECT: KLINE DRIVE IMPROVEMENTS AND ORCHARD STORM DRAIN

LIMITS: ORCHARD DRIVE TO 750' SOUTHERLY/RIVERSIDE DRIVE TO 900' UPSTREAM

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	PAULUS ENG., INC.		GCI CONST., INC.		CLARKE CONTRACT. CORP.	
				ITEM PRICE	TOTAL	ITEM PRICE	TOTAL	ITEM PRICE	TOTAL
1	MOBILIZATION	LS	1.00	2,400.00	2,400.00	30,000.00	30,000.00	30,000.00	30,000.00
2	SECTION D PERMIT REQUIREMENTS	LS	1.00	3,300.00	3,300.00	5,000.00	5,000.00	1,755.00	1,755.00
3	POTHOLING	EA	15.00	700.00	10,500.00	700.00	10,500.00	350.00	5,250.00
4	ESCCP	LS	1.00	2,200.00	2,200.00	10,000.00	10,000.00	10,000.00	10,000.00
5	MAINTAIN TRAFFIC AND DETOURS	LS	1.00	4,000.00	4,000.00	4,000.00	4,000.00	5,000.00	5,000.00
6	CLEARING AND GRUBBING	LS	1.00	8,000.00	8,000.00	5,000.00	5,000.00	5,000.00	5,000.00
7	PROJECT INFORMATION SIGN	EA	1.00	960.00	960.00	1,000.00	1,000.00	600.00	600.00
8(S)	ISA CERTIFIED ARBORIST	LS	1.00	3,000.00	3,000.00	3,000.00	3,000.00	3,200.00	3,200.00
9	ROOT PRUNING	EA	20.00	130.00	2,600.00	132.00	2,640.00	141.00	2,820.00
10	TREE ROOT BARRIER	LF	150.00	16.00	2,400.00	17.00	2,550.00	18.00	2,700.00
11	TREE REMOVAL	EA	20.00	300.00	6,000.00	300.00	6,000.00	316.00	6,320.00
12	TRIM TREES	EA	20.00	165.00	3,300.00	165.00	3,300.00	176.00	3,520.00
13	FURNISH AND PLANT TREES	EA	20.00	500.00	10,000.00	500.00	10,000.00	527.00	10,540.00
14	ABANDON ACP WATER MAIN	LF	395.00	10.00	3,950.00	11.00	4,345.00	8.00	3,160.00
15(S)	REMOVE ACP WATER MAIN	LF	275.00	15.00	4,125.00	18.00	4,950.00	26.00	7,150.00
16	REMOVE ASPHALT CONCRETE	CY	65.00	51.00	3,315.00	71.00	4,615.00	150.00	9,750.00
17	TEMPORARY FENCE AND GATES	LF	780.00	4.50	3,510.00	21.00	16,380.00	14.00	10,920.00
18	REMOVE AND RELOCATE EXISTING SIGN	EA	2.00	200.00	400.00	200.00	400.00	100.00	200.00
19	REMOVE CONCRETE	CY	43.00	51.00	2,193.00	100.00	4,300.00	190.00	8,170.00
20(S)	FURNISH AND INSTALL HYDRANT	EA	2.00	6,000.00	12,000.00	6,800.00	13,600.00	9,000.00	18,000.00
21	RESET MAILBOX	EA	3.00	80.00	240.00	115.00	345.00	469.00	1,407.00
22	REMOVE EXISTING 24" PIPE	LS	1.00	900.00	900.00	1,800.00	1,800.00	2,500.00	2,500.00
23(S)	SALVAGE WATER METER	EA	13.00	85.00	1,105.00	80.00	1,040.00	1,010.00	13,130.00
24(S)	WATER METER BOX AND SERVICE	EA	1.00	1,095.00	1,095.00	1,850.00	1,850.00	5,000.00	5,000.00
25(S)	CONNECT WATER METER TO CUSTOMER	LS	1.00	55,000.00	55,000.00	55,000.00	55,000.00	55,000.00	55,000.00
26(S)	ADJUST MANHOLE TO GRADE	EA	3.00	550.00	1,650.00	540.00	1,620.00	800.00	2,400.00
27(S)	ADJUST WATER VALVE TO GRADE	EA	3.00	400.00	1,200.00	400.00	1,200.00	450.00	1,350.00
28(S)	ELECTRICAL SERVICE TO APN 439-151-21	LS	1.00	4,000.00	4,000.00	25,000.00	25,000.00	5,000.00	5,000.00
29	UNCLASSIFIED EXCAVATION	CY	1,250.00	55.00	68,750.00	45.00	56,250.00	11.00	13,750.00
30	UNCLASSIFIED FILL	CY	10.00	200.00	2,000.00	133.00	1,330.00	124.00	1,240.00
31	ASPHALT CONCRETE PAVEMENT	TN	710.00	91.00	64,610.00	93.00	66,030.00	80.00	56,800.00
32	AC (MISCELLANEOUS AREAS)	TN	2.00	210.00	420.00	220.00	440.00	585.00	1,170.00
33(S)	COLD PLANE AC PAVEMENT	SY	655.00	10.00	6,550.00	12.00	7,860.00	15.00	9,825.00
34	MISCELLANEOUS CONCRETE	CY	135.00	250.00	33,750.00	410.00	55,350.00	453.00	61,155.00
35	CHAIN LINK FENCE	LF	360.00	32.00	11,520.00	31.00	11,160.00	32.00	11,520.00
36	CHAIN LINK GATE	EA	5.00	1,600.00	8,000.00	1,650.00	8,250.00	1,755.00	8,775.00
37	SHORING	LS	1.00	500.00	500.00	1,000.00	1,000.00	15,700.00	15,700.00
38	18" RCP (D-1500 LOAD)	LF	36.00	87.00	3,132.00	160.00	5,760.00	128.00	4,608.00
39	24" RCP (D-1500 LOAD)	LF	888.00	169.00	150,072.00	90.00	79,920.00	157.00	139,416.00
40	TYPE 1 JUNCTION STRUCTURE	EA	3.00	4,700.00	14,100.00	5,100.00	15,300.00	7,000.00	21,000.00
41	TYPE OS CURB INLET	EA	3.00	4,700.00	14,100.00	5,300.00	15,900.00	6,000.00	18,000.00
42(S)	SIGNING, STRIPING & PAVEMENT MARKING	LS	1.00	3,100.00	3,100.00	3,000.00	3,000.00	3,000.00	3,000.00
43	HYDRODYNAMIC SEPARATOR UNIT	EA	1.00	34,000.00	34,000.00	35,000.00	35,000.00	50,000.00	50,000.00
44	HYDROSEEDING	LS	1.00	2,800.00	2,800.00	750.00	750.00	975.00	975.00
45	PROTECT CMSD SEWER FACILITIES	LS	1.00	800.00	800.00	460.00	460.00	6,500.00	6,500.00
46(S)	CMSD SEWER LATERAL	EA	2.00	750.00	1,500.00	2,300.00	4,600.00	2,600.00	5,200.00
<b>TOTAL BID PRICE</b>					<b>\$ 573,047.00</b>		<b>\$ 597,795.00</b>		<b>\$ 658,476.00</b>

**COUNTY OF ORANGE  
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BID ABSTRACT**

BIDS OPENED: 7/27/2011

No. OF BIDDERS: 7

No. OF BID ITEMS: 46

W.O. No: EC41245

PROJECT: KLINE DRIVE IMPROVEMENTS AND ORCHARD STORM DRAIN

LIMITS: ORCHARD DRIVE TO 750' SOUTHERLY/RIVERSIDE DRIVE TO 900' UPSTP

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	PALP, INC.		M.S. CONST. MGMT. GROUP	
				ITEM PRICE	TOTAL	ITEM PRICE	TOTAL
1	MOBILIZATION	LS	1.00	30,000.00	30,000.00	45,000.00	45,000.00
2	SECTION D PERMIT REQUIREMENTS	LS	1.00	5,000.00	5,000.00	11,000.00	11,000.00
3	POTHOLING	EA	15.00	900.00	13,500.00	1,100.00	16,500.00
4	ESCCP	LS	1.00	10,000.00	10,000.00	27,500.00	27,500.00
5	MAINTAIN TRAFFIC AND DETOURS	LS	1.00	95,000.00	95,000.00	28,600.00	28,600.00
6	CLEARING AND GRUBBING	LS	1.00	5,000.00	5,000.00	19,800.00	19,800.00
7	PROJECT INFORMATION SIGN	EA	1.00	500.00	500.00	3,850.00	3,850.00
8(S)	ISA CERTIFIED ARBORIST	LS	1.00	3,000.00	3,000.00	2,992.00	2,992.00
9	ROOT PRUNING	EA	20.00	120.00	2,400.00	132.00	2,640.00
10	TREE ROOT BARRIER	LF	150.00	15.00	2,250.00	16.50	2,475.00
11	TREE REMOVAL	EA	20.00	270.00	5,400.00	297.00	5,940.00
12	TRIM TREES	EA	20.00	150.00	3,000.00	165.00	3,300.00
13	FURNISH AND PLANT TREES	EA	20.00	450.00	9,000.00	495.00	9,900.00
14	ABANDON ACP WATER MAIN	LF	395.00	13.00	5,135.00	19.80	7,821.00
15(S)	REMOVE ACP WATER MAIN	LF	275.00	70.00	19,250.00	71.50	19,662.50
16	REMOVE ASPHALT CONCRETE	CY	65.00	68.00	4,420.00	95.70	6,220.50
17	TEMPORARY FENCE AND GATES	LF	780.00	13.00	10,140.00	15.40	12,012.00
18	REMOVE AND RELOCATE EXISTING SIGN	EA	2.00	102.00	204.00	93.50	187.00
19	REMOVE CONCRETE	CY	43.00	133.00	5,719.00	165.00	7,095.00
20(S)	FURNISH AND INSTALL HYDRANT	EA	2.00	8,500.00	17,000.00	10,780.00	21,560.00
21	RESET MAILBOX	EA	3.00	500.00	1,500.00	275.00	825.00
22	REMOVE EXISTING 24" PIPE	LS	1.00	1,500.00	1,500.00	11,000.00	11,000.00
23(S)	SALVAGE WATER METER	EA	13.00	365.00	4,745.00	1,430.00	18,590.00
24(S)	WATER METER BOX AND SERVICE	EA	1.00	2,300.00	2,300.00	2,750.00	2,750.00
25(S)	CONNECT WATER METER TO CUSTOMER	LS	1.00	55,000.00	55,000.00	55,000.00	55,000.00
26(S)	ADJUST MANHOLE TO GRADE	EA	3.00	1,000.00	3,000.00	1,045.00	3,135.00
27(S)	ADJUST WATER VALVE TO GRADE	EA	3.00	1,000.00	3,000.00	440.00	1,320.00
28(S)	ELECTRICAL SERVICE TO APN 439-151-21	LS	1.00	22,000.00	22,000.00	13,200.00	13,200.00
29	UNCLASSIFIED EXCAVATION	CY	1,250.00	16.00	20,000.00	60.50	75,625.00
30	UNCLASSIFIED FILL	CY	10.00	22.00	220.00	330.00	3,300.00
31	ASPHALT CONCRETE PAVEMENT	TN	710.00	100.00	71,000.00	97.90	69,509.00
32	AC (MISCELLANEOUS AREAS)	TN	2.00	115.00	230.00	550.00	1,100.00
33(S)	COLD PLANE AC PAVEMENT	SY	655.00	5.00	3,275.00	15.40	10,087.00
34	MISCELLANEOUS CONCRETE	CY	135.00	290.00	39,150.00	198.00	26,730.00
35	CHAIN LINK FENCE	LF	360.00	42.00	15,120.00	30.80	11,088.00
36	CHAIN LINK GATE	EA	5.00	1,800.00	9,000.00	1,650.00	8,250.00
37	SHORING	LS	1.00	2,700.00	2,700.00	38,500.00	38,500.00
38	18" RCP (D-1500 LOAD)	LF	36.00	160.00	5,760.00	275.00	9,900.00
39	24" RCP (D-1500 LOAD)	LF	888.00	112.00	99,456.00	148.50	131,868.00
40	TYPE 1 JUNCTION STRUCTURE	EA	3.00	6,500.00	19,500.00	3,520.00	10,560.00
41	TYPE OS CURB INLET	EA	3.00	6,000.00	18,000.00	3,630.00	10,890.00
42(S)	SIGNING, STRIPING & PAVEMENT MARKING	LS	1.00	3,000.00	3,000.00	2,722.50	2,722.50
43	HYDRODYNAMIC SEPARATOR UNIT	EA	1.00	33,000.00	33,000.00	52,800.00	52,800.00
44	HYDROSEEDING	LS	1.00	1,300.00	1,300.00	19,800.00	19,800.00
45	PROTECT CMSD SEWER FACILITIES	LS	1.00	2,000.00	2,000.00	19,800.00	19,800.00
46(S)	CMSD SEWER LATERAL	EA	2.00	2,600.00	5,200.00	4,180.00	8,360.00

**TOTAL BID PRICE**

**\$ 686,874.00**

**\$ 870,764.50**