Advertised: July 29, 2008 (Agenda Item: 3.133)

Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

	Company Name	Sompany Name Base Bid Subtotal		Alternate B Force Main WRCRWA Subtotal	Alternate C RcIm Water Line City of Norco Subtotal	Total
	COUNTY'S ESTIMATE	48,302,480.02	3,156,310.00	3,264,200.00	448,250.00	\$55,171,240.02
1	SUKUT-MYERS, JOINT VENTURE	32,933,951.10	979,592.00	1,085,040.00	364,100.00	\$35,362,683.10
2	MCM CONSTRUCTION, INC.	36,903,358.80	1,117,573.00	1,035,232.00	372,222.00	\$39,428,385.80
3	FCI CONSTRUCTORS, INC.	36,787,437.20	1,297,123.00	1,176,704.00	385,648.00	\$39,646,912.20
4	GRIFFITH COMPANY	37,796,562.00	1,273,986.00	1,320,396.00	415,600.00	\$40,806,544.00
5	BRUTOCO ENG & CONST, INC.	38,851,239.80	1,200,900.00	1,232,070.00	422,180.00	\$41,706,389.80
6	STEVE P. RADOS, INC.	39,103,459.70	1,067,144.00	1,557,210.00	441,380.00	\$42,169,193.70
7	SKANSKA USA CIVIL WEST	42,021,228.80	1,202,140.00	1,299,780.00	398,155.00	\$44,921,303.80
8	BEADOR CONSTRUCTION COMPANY	42,098,974.95	1,391,790.00	1,321,625.00	619,810.00	\$45,432,199.95
	Average Bid Prices	\$38,312,026.54	\$1,191,281.00	\$1,253,507.13	\$427,386.88	\$41,184,201.54

River Rd Bridge: Web-Summary.SubTotals

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List of Subcontractors

Project	River Road Bridge Replacement Project
Project No	: A7-0298, BRLS – 5956 (078)

Apparent Responsive Low Bidder:	SUKUT - MYERS JOINT VENTURE
Apparent Responsive Low Blader.	Lic #921832

Subcontractor Name	License No	Items of work
ALL AMERICAN ASPHALT	267073	AC Paving
BLUE IRON, INC.	652333	Sheet Pile
C T M CONSTRUCTION, INC.	611606	Concrete Barriers
VISUAL POLLUTION TECHNOLOGIES, INC.	920725	Painting
AVAR CONSTRUCTION SYSTEMS, INC.	448931	Post Tensioning
COMPETITIVE EDGE ELECTRIC, INC.	903142	Electrical
CLEVELAND WRECKING COMPANY	21064	Bridge Demo
WEST COAST WELDING, INC .	806077	Pile and Shoring
C M C STEEL FABRICATORS, INC.	778010	Rebar
CALEX ENGINEERING COMPANY	807118	CIDH
CROWN FENCE CO	1315	Metal Railing

River Rd Bridge: Web-SubContractors Page 1 of 1

Updated: 10/23/2008

Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

COUNTY'S ESTIMATE

BASE	DID					COUNTY	S ESTIMATE
ITEM		ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE
1			CLEARING AND GRUBBING	LS	1	350,000.00	350.000.00
2	F	190101	ROADWAY EXCAVATION	CY	92,604	29.61	2,742,004.44
3	F		IMPORTED BORROW	CY	123,255	20.00	2,465,100.00
4	•	198200	SUBGRADE ENHANCEMENT FABRIC [PRIMARY EMBANKMENT REINFORCEMENT]	SQYD	106,450	4.50	479,025.00
5		198200	SUBGRADE ENHANCEMENT FABRIC [SECONDARY EMBANKMENT REINFORCEMENT]	SQYD	13,350	4.50	60,075.00
6		150771	REMOVE ASPHALT CONCRETE DIKE	LF	2,250	2.50	5,625.00
7		153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	220	20.00	4,400.00
8		153215	REMOVE CONCRETE (CORD AND COTTEN)	LF	180	20.00	3,600.00
9		153213	REMOVE CONCRETE [DRAINAGE FACILITIES]	LS	1	45,000.00	45,000.00
10	F	390102	ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT]	TON	22,213	91.46	2,031,600.98
11	F	260201	CLASS 2 AGGREGATE BASE	CY	3,475	55.00	191,125.00
12	F	250301	CLASS 3 AGGREGATE SUBBASE	CY	294	55.00	16,170.00
13	F	401000	CONCRETE PAVEMENT [JOINT PLAIN]	CY	1,251	223.54	279,648.54
14	F	390126	ASPHALT RUBBER HOT MIX [TYPE G]	TON	466	115.00	53,590.00
15	Г		MINOR CONCRETE (CURB RAMP) [CASE A]	EA	400	700.00	2,800.00
	F			SQFT			
16	F		MINOR CONCRETE (SIDEWALK)	LF	5,856	4.00	23,424.00
17			MINOR CONCRETE (CURB AND GUTTER) (CRS 200)		2,919	18.00	52,542.00
18	F		MINOR CONCRETE (CURB)	LF	849	14.00	11,886.00
19		510501	MINOR CONCRETE [DRIVEWAY APPROACH]	EA	1	2,000.00	2,000.00
20	F	731519	MINOR CONCRETE (STAMPED CONCRETE)	SQFT	702	10.00	7,020.00
21		394049	PLACE ASPHALT CONCRETE DIKE (TYPE F)	LF	1,512	7.00	10,584.00
22		394044	PLACE ASPHALT CONCRETE DIKE (TYPE C)	LF	260	7.00	1,820.00
23		394040	PLACE ASPHALT CONCRETE DIKE (TYPE A)	LF	822	9.00	7,398.00
24		650014	18" REINFORCED CONCRETE PIPE [2000 D]	LF	668	150.00	100,200.00
25		650018	24" REINFORCED CONCRETE PIPE [1500 D]	LF	598	200.00	119,600.00
26		650026	36" REINFORCED CONCRETE PIPE [1500 D]	LF	157	300.00	47,100.00
27			60" REINFORCED CONCRETE PIPE [1000 D]	LF	144	600.00	86,400.00
28		650050	72" REINFORCED CONCRETE PIPE [1200 D]	LF	334	650.00	217,100.00
29		665018	18" CORRUGATED STEEL PIPE (10 GAUGE)	LF	60	130.00	7,800.00
30			24" CORRUGATED STEEL PIPE (12 GAUGE)	LF	30	150.00	4,500.00
31			54" CORRUGATED STEEL PIPE (10 GAUGE)	LF	23	500.00	11,500.00
32		705011	18" STEEL FLARED END SECTION	EA	1	400.00	400.00
33			24" STEEL FLARED END SECTION	EA	2	500.00	1,000.00
34			MISCELLANEOUS FACILITIES (INLET TYPE X)	EA	1	3,000.00	3,000.00
35	F		MINOR CONCRETE [CONCRETE BULKHEAD]	CY	1	742.32	742.32
36	F		MINOR CONCRETE [CONCRETE COLLAR]	CY	5	742.32	3,711.60
37	F	510501	MINOR CONCRETE [LOCAL DEPRESSION]	CY	16	742.32	11,877.12
38		510502	MINOR CONCRETE (MINOR STRUCTURE) [ENERGY DISSIPATOR]	LS	1	50,000.00	50,000.00
39	F	510050	CLASS 2 CONCRETE [BOX CULVERT AND WINGWALL]	CY	200	1,900.00	380,000.00
40		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=10']	EA	5	3,500.00	17,500.00
41		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=14']	EA	3	4,500.00	13,500.00
42		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=28']	EA	1	8,000.00	8,000.00
43			MINOR CONCRETE (MINOR STRUCTURE) [DRAINAGE INLET TYPE GDO]	EA	14	4,000.00	56,000.00
44		510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 1]	EA	3	5,000.00	15,000.00
45		510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 2]	EA	4	6,000.00	24,000.00
46		510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 4]	EA	2	8,000.00	16,000.00
47	F	510501	MINOR CONCRETE [CONCRETE HEADWALL]	CY	2	1,900.00	3,800.00
48	P-F-S	520101	BAR REINFORCING STEEL [BOX CULVERT AND WINGWALL]	LBS	47,585	1.25	59,481.25
49	F	721008	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	13,901	75.00	1,042,575.00
50	F	721007	ROCK SLOPE PROTECTION (1/4 TON, METHOD B)	CY	6,705	100.00	670,500.00
51	F	721011	ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	CY	2,540	100.00	254,000.00
52	F	721012	ROCK SLOPE PROTECTION (BACKING NO. 3, METHOD B)	CY	4	100.00	400.00
53	F	721608	CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	1,988	100.00	198,800.00
54	F	721810	SLOPE PAVING (CONCRETE)	CY	48	2,000.00	96,000.00
55	P-S	490380	SHEET PILING	SQFT	82,610	30.00	2,478,300.00
56		729010	ROCK SLOPE PROTECTION FABRIC	SQYD	25,966	4.25	110,355.50
57		000003	TRAIL FENCING	LF	2,157	20.00	43,140.00
58		000003	PIPE GATE (10', 16')	EA	2	2,000.00	4,000.00
59		832003	METAL BEAM GUARD RAILING (WOOD POST)	LF	1,676	35.00	58,660.00
			· · ·				15
60		839565	TERMINAL SYSTEM (TYPE SRT) [METAL BEAM]	EA	4	2,800.00	11,200.00

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

COUNTY'S ESTIMATE

Updated: 10/23/2008

	BASE	BID (Continued)						
S				CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	
150744 REMOVE ROADSIDE SIGN WOOD POST								7,000.00	
19774 REMOVE ROADSIDE SIGN WOOD POST)	63	F	839714	CONCRETE BARRIER (TYPE 80) [ON TRENCH FOOTING]	LF	2,200	100.00	220,000.00	
	64		150744	REMOVE ROADSIDE SIGN (WOOD POST)	EA	4	250.00	1,000.00	
	65		150662	REMOVE METAL BEAM GUARD RAILING	LF	1,280	15.00	19,200.00	
10.23 20.0016 ENGION CONTROL (TYPE D)	66		071325	TEMPORARY FENCE (TYPE ESA)	LF	6,750		67,500.00	
S	67	S	203016	EROSION CONTROL (TYPE D)	SQFT	53,856		10,232.64	
19	68		208000	IRRIGATION SYSTEM	LS	1		10,000.00	
70 S 86150Z MODIFY SIGNAL [BLUFF STREET] LS 1 105,000,00 125,00 72 F 7 500003 SIGNING AND STRIPING LS 1 5,000,00 0 25,00 73 F 300003 SIGNING AND STRIPING LS 1 9,700 25,00 126,00 74 F 7 600003 SIGNING AND STRIPING LS 1 9,700 25,00 126,00 74 F 7 600003 TEMPORARY HOT MIX ASPHALT TYPE A FOR STAGE CONSTRUCTION TON 1,948 91,46 178,16 74 F 7 600003 TEMPORARY AGGREGATE BASE CLASS 2 FOR STAGE CONSTRUCTION CY 200 55,00 16,50 74 S 120000 TRAFFIC CONTROL SYSTEM LS 1 1,100,000,00 11,000,00 75 S 100000 TRAFFIC CONTROL SYSTEM LS 1 1,100,000,00 11,000,00 76 L 7001 TRAFFIC CONTROL SYSTEM LS 1 1,100,000,00 1,100,00 77 L 70012 PROGRESS SCHEDULE CENTICAL PATH METHOD) LS 1 1 2,500,000 0 2,500,00 78 S 100,000 S SCHEDULE CENTICAL PATH METHOD) LS 1 1 2,000,00 0 2,000,00 79 L 7001 DEVILED PWATER SUPPLY LS 1 1 2,000,00 0 2,000,00 80 L 0,000 S C 0,000 S SCHEDULE CENTICAL PATH METHOD) LS 1 1 4,000,00 0 4,000 0 2,000,00 81 L 0,000 S REMOVINE RESTRIPE CY 1 CAN THE SUPPLY LS 1 1 4,000,00 0 4,000 0	69	S-P	074020	WATER POLLUTION CONTROL	LS	1		75,000.00	
1	70	S	861502		LS	1		105.000.00	
Temporary Temp	71	S	000003		LS	1	25.000.00	25,000.00	
83,000	72	F	000003	TEMPORARY HOT MIX ASPHALT TYPE A, FOR STAGED CONSTRUCTION	TON	1,948		178,164.08	
Temporary Temporary Agriculture Temporary Agricu	73		833080	CONCRETE BARRIER (TYPE K) [PORTABLE]	LF	9,700		242,500.00	
TAMES 120100 TRAFFIC CONTROL SYSTEM		F			CY			16,500.00	
Temporary Service Temporary Shoring								275,000.00	
77 070012 PROGRESS SCHEDULE (CRITICAL PATH METHOD)		-					·	1,100,000.00	
78								6,500.00	
170101 DEVELOP WATER SUPPLY								290,000.00	
06:105 RESIDENT ENGINEERS OFFICE								75,000.00	
1								40,000.00	
SECTION STRUCTURE EXCAVATION (TYPE A)								100,000.00	
83 F 192020 STRUCTURE EXCAVATION (TYPE D) CY 1,535 120,00 184,20 84 F 193030 STRUCTURE BACKFILL (BRIDGE) CY 2,900 80,00 232,00 85 4,90538 FURNISH STEEL PILING (HP 14 X 117) LF 18,960 40,00 758,40 86 S 499539 DRIVE STEEL PILING (HP 14 X 117) EA 336 3,400.00 1,142,40 87 S 4,90539 DRIVE STEEL PILE (HP 14 X 117) EA 336 3,400.00 1,142,40 88 F 510053 STRUCTURAL CONCRETE PILING (LF 14 X 117) EA 336 3,400.00 1,124,00 88 F 510053 STRUCTURAL CONCRETE, BRIDGE CY 9,800 1,050.00 10,290,00 89 F 510051 STRUCTURAL CONCRETE, BRIDGE CY 1,000 500.00 545,00 90 F 510065 STRUCTURAL CONCRETE, BRIDGE CY 182 650.00 118,30 91 510000 SEAL COURSE CONCRETE CY 1414 460.00 190,44 91 57 500001 PRESTESSING CASTAN-PLACE CONCRETE LS 1 64,592.80 645,93 93 P-F 510051 STRUCTURAL CONCRETE LS 1 64,592.80 645,93 94 S-P 510051 PTE SPHERICAL BEARING EA 7 3,600.00 25,200 95 S-P 510059 JOINT SEAL ASSEMBLY (MR-4") LF 157 600.00 94,20 96 S-P 510095 JOINT SEAL ASSEMBLY (MR-4") LF 157 600.00 68,73 97 F 5110055 ACRITICATIONAL TEATAMENT SOFT 58,800 10,00 586,80 98 DELETED BY ADDENDUM 0.00 99 703400 WELDED STEEL (PIPE CASING [61] LF 70 300.00 21,00 101 P-F-S 750050 MISCELLANEOUS METAL (RESTRAINER-CABLE TYPE) LBS 3,249 7,50 20,44 102 P-F-S 750050 SRIDGE DECK DRAINAGE SYSTEM LBS 1,260 60.00 75,60 105 F 833000 METAL RALING [TYPE A] LF 1,260 60.00 75,60 106 P-F-S 33000 METAL RALING [TYPE B] LF 1,260 60.00 75,60 107 P-F-S 33000 METAL RALING [TYPE B] LF 1,260 60.00 75,60 108 P-S 000003 SRIDGE REMOVAL LS 1 40,000.00 2,100.00 113 WINDER STEEL PROPERSTRIAL LS 1 40,000.00 2,100.00 113 WINDER STEEL PROPERSTRIAL LS 1 4		F					,		
84 F 193003 STRUCTURE BACKFILL (BRIDGE) CY 2,900 80.00 232,00 85				, , ,				184,200.00	
85				, , ,					
86 S 490539 DRIVE STEEL PILE (HP 14 X 117) EA 336 3,400.00 1,142,40 87 S 490609 60° CAST-IN-DRILLED-HOLE CONCRETE PILING LF 1,675 1,200.00 2,010.00 88 F 510053 STRUCTURAL CONCRETE, BRIDGE CY 9,980 1,050.00 10,290.00 90 F 510061 STRUCTURAL CONCRETE, BRIDGE FOOTING CY 1,090 500.00 545,00 90 F 510086 STRUCTURAL CONCRETE, BRIDGE FOOTING CY 414 460.00 190,44 91 510000 SEAL COURSE CONCRETE CY 414 460.00 190,44 92 S-P 500001 PRESTRESSING CAST-IN-PLACE CONCRETE LS 1 645,932.80 645,933 94 S-P 500001 PRESTRESSING CAST-IN-PLACE CONCRETE LS 1 645,932.80 645,933 94 S-P 510001 PRESTRESSING CAST-IN-PLACE CONCRETE LS 1 645,932.80 645,933 94		'		, ,					
87 S 490609 60° CAST-IN-DRILLED-HOLE CONCRETE PILING LF 1,675 1,200.00 2,010,00 88 F 510053 STRUCTURAL CONCRETE, BRIDGE CY 9,800 1,050.00 10,220,00 90 F 5100051 STRUCTURAL CONCRETE, BRIDGE FOOTING CY 1,109 550.00 550.00 545,00 90 F 5100051 STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N) CY 1182 650.00 118,30 91 S10000 SEAL COURSE CONCRETE CY 414 460.00 190,44 92 S-P 500001 PRESTRESSING CAST-IN-PLACE CONCRETE LS 1 645,932.80 645,933 93 P.F-S 520102 BAR REINFORCING STEEL (BRIDGE) LBS 4,109,559 1.15 4,725,99 94 S-P 519095 JOINT SEAL ASSEMBLY (IMR-47) LF 157 600.00 94,20 95 S-P 519099 JOINT SEAL ASSEMBLY (IMR-47) LF 79 870.00 68,73		9		,					
88 F 510053 STRUCTURAL CONCRETE, BRIDGE CY 9,800 1,050.00 10,290,00 89 F 510061 STRUCTURAL CONCRETE, BRIDGE FOOTING CY 1,090 500.00 545,00 118,30 90 F 510096 STRUCTURAL CONCRETE, BRIDGE FOOTING CY 1182 650.00 118,30 91 J 510090 SEAL COURSE CONCRETE CY 414 460.00 190,44 92 S-P 500102 BAR REINFORCING STEEL (BRIDGE) LBS 1,109,559 1.15 4,725,99 94 S-P 518051 PTES SPHEICAL BEARING EA 7 3,600.00 25,20 95 S-P 519095 JOINT SEAL ASSEMBLY (MR-4") LF 157 600.00 94,20 96 S-P 519095 JOINT SEAL ASSEMBLY (MR-4") LF 79 870.00 68,73 97 F 511038 ARCHITECTURAL TREATMENT SOFT 56,680 10.00 56,80 98									
89 F \$10051 STRUCTURAL CONCRETE, BRIDGE FOOTING CY 1,090 \$50,000 \$45,00 90 F \$10068 STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N) CY 1412 650,00 118,30 91 J \$100000 SALC COURSE CONCRETE CY 4144 400,00 190,44 92 S-P \$50001 PRESTRESSING CAST-IN-PLACE CONCRETE LS 1 645,932.80 645,93 39 P.F-S \$20102 BAR REINFORCING STEEL (BRIDGE) LBS 4,109,559 1.15 4,725,99 94 S-P \$180051 PTFE SPHERICAL BEARING EA 7 3,600.00 25,20 95 S-P \$19095 JOINT SEAL ASSEMBLY (MR-4") LF 157 600.00 94,20 96 S-P \$19098 JOINT SEAL ASSEMBLY (MR-4") LF 79 870.00 68,73 7 \$19098 JOINT SEAL ASSEMBLY (MR-4") LF 79 870.00 68,73 7 \$19098 JOINT SEAL									
90 F 510086 STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N) CY 182 650.00 110,30 91		-		,			,		
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92 S-P 500001 PRESTRESSING CAST-IN-PLACE CONCRETE LS 1 645,932.80 645,933 645,933 93 PF-S 520102 BAR REINFORCING STEEL (BRIDGE) LBS 4,109,559 1.15 4,725,99 4 S-P 518051 PTE SPHERICAL BEARING EA 7 3,600.00 25,20 5 S-P 518051 PTE SPHERICAL BEARING LF 157 600.00 94,20 95 S-P 519095 JOINT SEAL ASSEMBLY (MR-4") LF 157 600.00 94,20 96 S-P 519099 JOINT SEAL ASSEMBLY [MR-6" TO 9"] LF 79 870.00 68,73 97 F 511035 ARCHITECTURAL TREATMENT SQFT 58,680 10,00 586,80 99		'							
93 P.F.S 520102 BAR REINFORCING STEEL (BRIDGE) LBS 4,109,559 1.15 4,725,99 94 S.P. 518061 PTEE SPHERICAL BEARING EA 7 3,600.00 25,200 95 S.P. 519095 JOINT SEAL ASSEMBLY (IRR=4") LF 157 600.00 94,20 96 S.P. 519098 JOINT SEAL ASSEMBLY (IRR=6" TO 9"] LF 79 870.00 68,73 97 F 511035 ARCHITECTURAL TREATMENT SQFT 58,680 10,00 586,80 98		Q_D							
94 S-P 518051 PTFE SPHERICAL BEARING EA 7 3,600.00 25,20 95 S-P 519095 JOINT SEAL ASSEMBLY (MR=4") LF 157 600.00 94,20 96 S-P 519089 JOINT SEAL ASSEMBLY [MR=6" TO 9"] LF 79 870.00 68,73 97 F 511035 ARCHITECTURAL TREATMENT SOPT 58,680 10.00 586,80 98		_						•	
S-P 519095 JOINT SEAL ASSEMBLY (MR=4") LF 157 600.00 94,20				, ,					
96 S-P 519089 JOINT SEAL ASSEMBLY [MR=6"TO 9"]									
97 F 511035 ARCHITECTURAL TREATMENT SQFT 58,680 10.00 586,80 98 DELETED BY ADDENDUM 0.00 99 T 703450 WELDED STEEL PIPE CASING [167] LF 34 300.00 10,20 100 703460 WELDED STEEL PIPE CASING [247] LF 70 300.00 21,00 101 P-F-S 750501 MISCELLANEOUS METAL (BRIDGE) LBS 28,497 7.10 202,32 102 P-F-S 750498 MISCELLANEOUS METAL (RESTRAINER-CABLE TYPE) LBS 3,219 7.60 24,46 103 P-F-S 750505 BRIDGE DECK DRAINAGE SYSTEM LBS 19,660 10.18 200,13 104 F 833070 CONCRETE RAILING [PARAPET] LF 1,260 60.00 75,60 105 F 839714 CONCRETE BARRIER (TYPE 80) LF 2,500 125,00 312,50 106 P-F-S 833000 METAL RAILING [TYPE 8] LF 2,500 145,00 362,50 107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 175,00 220,50 109 P-S 99999 MOBILIZATION LS 1 2,100,000.00 530,00 110 0 19901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,00 111 0 157550 BRIDGE REMOVAL LS 1 2,100,000.00 2,100,00 111 1 157550 BRIDGE REMOVAL LS 1 40,600.00 40,60 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 3.50 630,00				, ,					
98									
99									
100								0.00	
101 P.F-S 750501 MISCELLANEOUS METAL (BRIDGE) LBS 28,497 7.10 202,32				,				·	
102 P-F-S 750498 MISCELLANEOUS METAL (RESTRAINER-CABLE TYPE) LBS 3,219 7.60 24,46 103 P-F-S 750505 BRIDGE DECK DRAINAGE SYSTEM LBS 19,660 10.18 200,13 104 F 833070 CONCRETE RAILING [PARAPET] LF 1,260 60.00 75,60 105 F 839714 CONCRETE BARRIER (TYPE 80) LF 2,500 125.00 312,50 106 P-F-S 833000 METAL RAILING [TYPE A] LF 2,500 145.00 362,50 107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 175.00 220,50 108 P-S 000003 BRIDGE LIGHTING LS 1 530,000.00 530,00 109 999990 MOBILIZATION LS 1 2,100,000.00 2,100,00 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,00 111 157550 BRIDGE REMOVAL LS 1 450,000.00 450,00 112 066102 DUST ABATEMENT LS 1 20,000.00 20,00 113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,60 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 3.50 630,00 SUBTOTAL (BASE BID) SUBTOTAL (BASE BID)		5.50						21,000.00	
103 P-F-S 750505 BRIDGE DECK DRAINAGE SYSTEM LBS 19,660 10.18 200,13 104 F 833070 CONCRETE RAILING [PARAPET] LF 1,260 60.00 75,60 105 F 839714 CONCRETE BARRIER (TYPE 80) LF 2,500 125.00 312,50 106 P-F-S 833000 METAL RAILING [TYPE A] LF 2,500 145.00 362,50 107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 175.00 220,50 108 P-S 000003 BRIDGE LIGHTING LS 1 530,000.00 530,00 109 999990 MOBILIZATION LS 1 2,100,000.00 2,100,00 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,00 111 157550 BRIDGE REMOVAL LS 1 450,000.00 450,00 112 066102 DUST ABATEMENT LS 1 40,600.00 40,60 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 3.50 630,00 SUBTOTAL (BASE BID)				, ,				,	
104 F 833070 CONCRETE RAILING [PARAPET] LF 1,260 60.00 75,60 105 F 839714 CONCRETE BARRIER (TYPE 80) LF 2,500 125.00 312,50 106 P-F-S 833000 METAL RAILING [TYPE A] LF 2,500 145.00 362,50 107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 175.00 220,50 108 P-S 000003 BRIDGE LIGHTING LS 1 530,000.00 530,00 109 999990 MOBILIZATION LS 1 2,100,000.00 2,100,00 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,00 111 157550 BRIDGE REMOVAL LS 1 450,000.00 450,00 112 066102 DUST ABATEMENT LS 1 20,000.00 20,00 113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,60 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 3.50 630,00 SUBTOTAL (BASE BID)				,				24,464.40	
105 F 839714 CONCRETE BARRIER (TYPE 80) LF 2,500 125.00 312,50 106 P-F-S 833000 METAL RAILING [TYPE A] LF 2,500 145.00 362,50 107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 175.00 220,50 108 P-S 000003 BRIDGE LIGHTING LS 1 530,000.00 530,00 109 999990 MOBILIZATION LS 1 2,100,000.00 2,100,00 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,00 111 157550 BRIDGE REMOVAL LS 1 450,000.00 450,00 112 066102 DUST ABATEMENT LS 1 20,000.00 20,00 113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,60 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 3.50 630,00 SUBTOTAL (BASE BID)								200,138.80	
106 P-F-S 833000 METAL RAILING [TYPE A] LF 2,500 145.00 362,50 107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 175.00 220,50 108 P-S 000003 BRIDGE LIGHTING LS 1 530,000.00 530,00 109 999990 MOBILIZATION LS 1 2,100,000.00 2,100,00 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,00 111 157550 BRIDGE REMOVAL LS 1 450,000.00 450,00 112 066102 DUST ABATEMENT LS 1 20,000.00 20,00 113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,60 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 3.50 630,00 SUBTOTAL (BASE BID)				· · · · · · · · · · · · · · · · · · ·				75,600.00	
107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 175.00 220,50 108 P-S 000003 BRIDGE LIGHTING LS 1 530,000.00 530,00 109 999990 MOBILIZATION LS 1 2,100,000.00 2,100,00 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,00 111 157550 BRIDGE REMOVAL LS 1 450,000.00 450,00 112 066102 DUST ABATEMENT LS 1 20,000.00 20,00 113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,60 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 3.50 630,00				,				312,500.00	
108 P-S 000003 BRIDGE LIGHTING LS 1 530,000.00 530,00 109								362,500.00	
109 999990 MOBILIZATION LS 1 2,100,000.00 2,100,00 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,00 111 157550 BRIDGE REMOVAL LS 1 450,000.00 450,00 112 066102 DUST ABATEMENT LS 1 20,000.00 20,00 113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,60 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 3.50 630,00								220,500.00	
110		P-S						530,000.00	
111								2,100,000.00	
112 066102 DUST ABATEMENT LS 1 20,000.00 20,00 113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,60 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 3.50 630,00 SUBTOTAL (BASE BID)								2,100,000.00	
113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,600 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 3.50 630,000 SUBTOTAL (BASE BID)							·	450,000.00	
113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 3.50 630,00 SUBTOTAL (BASE BID)	112		066102	DUST ABATEMENT	LS	1	20,000.00	20,000.00	
SUBTOTAL (BASE BID) 3.50 630,00	113.A		066015	FEDERAL TRAINEE PROGRAM	FA	1	40,600.00	40,600.00	
	113.B		000003	BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL]	CY	180,000	3.50	630,000.00	
ITEMS 1-113.B				SUBTOTAL (BASE BID)					
				ITEMS 1-113.B	1			48,302,480.02	

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

ALTERNATE "A" (3-20" POTABLE WATER LINES; WESTERN MUNICIPAL WATER DISTRICT)

COUNTY'S ESTIMATE

		ITEM CODE	OOLITE LOT LITERA	LINUTO	OLIANITITY	LINUT DDIOE	ENO FOTIMATE
	I NO.	ITEM CODE			QUANTITY	UNIT PRICE	ENG ESTIMATE
114	S-P	000003	MOBILIZATION/DEMOBILIZATION FURNISH AND INSTALL 20-INCH DIA. CML & EPOXY COATED, C-200, 0.25" WALL THICKNESS, STEEL WATER PIPELINE INCLUDING FULLY WELDED JOINTS DOUBLE PASS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LS LF	3,606	276,000.00	276,000.00 757,260.00
116	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL BLIND FLANGE	EA	6	840.00	5,040.00
117	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL 11.250 ELBOW	EA	12	2,000.00	24,000.00
118	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EXCAVATION, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 20-INCH DIA. STEEL PIPING FOR EACH PIPELINE FROM BRIDGE ABUTMENT TO BLIND FLANGE (INCLUDING FULLY WELDED JOINTS DOUBLE PASS, CONCRETE ENCASEMENT, SLIP ON FLANGES, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR; EXCLUDING ELBOWS), AND EXPANSION JOINTS, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN AND 4-INCH PVC DRAIN PIPE	EA	2	63,300.00	126,600.00
119	S-P		UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, AREA DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	48	50.00	2,400.00
120	S-P	000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	10,000.00	20,000.00
121	S-P	000003	ROLLER PIPE SUPPORT PER PLANS AND SPECIFICATIONS (W/U-BOLT) INCLUDING BASE PLATES, SHIMMING, GROUTING, WELDING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	360	5,000.00	1,800,000.00
122	S-P	000003	MIDSPAN FIXED PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, SHIMMING, GROUTING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	3	5,000.00	15,000.00
123	S-P	000003	2" AIR RELEASE/AIR VACUUM VALVE ASSEMBLY PER PLANS	EA	3	1,670.00	5,010.00
124	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	125,000.00	125,000.00
			PROJECT SUBTOTAL, ALTERNATE "A"				2.456.240.00
		l	ITEMS 114-124				3,156,310.00

	LTERNATE "B" (30" FORCE MAIN SEWER IMPROVEMENT; /ESTERN RIVERSIDE COUNTY REGIONAL WASTEWATER AUTHORITY)					COUNTY	'S ESTIMATE
ITEN	NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE
125		999990	MOBILIZATION/DEMOBILIZATION	LS	1	286,000.00	286,000.00
126	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 52, CML, TR-FLEX, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING BUILT-IN JOINT RESTRAINTS AND PRESSURE TESTING, FROM BRIDGE ABUTMENT TO BRIDGE ABUTMENT, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	1,200	400.00	480,000.00
127	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 50, CML, TYTON PUSH-ON JOINTS, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING RESTRAINTS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE; EXCLUDING PIPE LENGTHS SPECIFICALLY CALLED OUT IN OTHER BID ITEMS	LF	2,190	250.00	547,500.00
128	S-P	000003	30-INCH DIA. DUCTILE IRON 450 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	1	11,700.00	11,700.00
129	S-P	000003	30-INCH DIA. DUCTILE IRON 22.50 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	4	12,300.00	49,200.00
130	S-P		EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EARTHWORK, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 30-INCH DUCTILE IRON PIPING FROM BRIDGE ABUTMENT TO JOINT WITH 22.50 VERTICAL ELBOW JUST OUTSIDE OF UTILITY VAULT, EXPANSION JOINTS, AND PRESSURE TESTING, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN, 4-INCH PVC DRAIN PIPE, & 22.50 ELBOW	EA	2	163,100.00	326,200.00
131	S-P	000003	UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	52	50.00	2,600.00
132	S-P	000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	10,000.00	20,000.00
133	S-P	000003	CONCRETE SADDLE PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, FORMS, U-BOLTS, ANCHORS, FASTENERS, TEMPORARY SUPPORTS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	133	7,500.00	997,500.00

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS - 5956 (078)

3,264,200.00

COUNTY'S ESTIMATE ALTERNATE "B" (30" FORCE MAIN SEWER IMPROVEMENT; WESTERN RIVERSIDE COUNTY REGIONAL WASTEWATER AUTHORITY) (CONTINUED) UNITS QUANTITY ITEM NO. ITEM CODE CONTRACT ITEM **UNIT PRICE ENG ESTIMATE** UNDERCROSSING OF PROPOSED STORM DRAINS, INCLUDING ALL PIPING, FITTINGS, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, S-P 000003 EΑ 50,000.00 134 50,000.00 PER PLANS AND SPECIFICATIONS, FROM OUTER 22.50 ELBOW TO OUTER 22.50 ELBOW (APPROX. STA 8+60.14 TO STA 9+94.76) INCLUDING ELBOWS, COMPLETE AND IN PLACE 14' x 10' RCB CROSSING, INCLUDING ALL PIPING, FITTINGS, STEEL CASING, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER 135 s 000003 LS 75,000.00 75,000.00 PLANS AND SPECIFICATIONS, FROM OUTER 450 ELBOW TO OUTER 450 ELBOW (APPROX. STA 43+39.90 TO STA 43+97.15) INCLUDING ELBOWS, COMPLETE AND IN PLACE 2-INCH MANUAL AIR RELEASE VALVE AT BRIDGE MID-SPAN PER PLANS AND SPECIFICATIONS, INCLUDING BALL VALVE, PIPE SERVICE SADDLE, NIPPLES, 136 S-P 000003 ΕA 1,000.00 1,000.00 1 MANHOLE FRAME AND COVER, AND ALL ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE ABANDONMENT OF EXISTING WRCRWA 30-INCH FORCE MAIN, INCLUDING CAPPING, DEWATERING OF SEWAGE, REMOVAL OF PIPING THAT INTERFERES WITH BRIDGE 137 S 000003 CONSTRUCTION, WASTE DISPOSAL, PERMITS, PAVEMENT SAWCUTTING, REMOVAL EΑ 150,000.00 150,000.00 AND DISPOSAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, COMPLETE AND IN PLACE REMOVE AND DISPOSE OF EXISTING 30-INCH DUCTILE IRON FORCE MAIN FROM 138 000003 LF 150 150.00 22,500.00 APPROXIMATELY STA 8+50 TO STA 10+00 CONNECT TO EXISTING 30-INCH FORCE MAIN AT STA 8+50 AND STA 44+65.59, PER LS 139 000003 1 100,000.00 100,000.00 THE CONNECTION DETAIL ON THE PLANS, INCLUDING 450 ELBOW 140 000003 POTHOLING (INCLUDING TEMPORARY TRAFFIC CONTROL) EΑ 10 2,000.00 20,000.00 125,000.00 125,000.00 120100 LS 141 S TRAFFIC CONTROL SYSTEM 1 PROJECT SUBTOTAL, ALTERNATE "B" ITEMS 125-141

ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE
142		999990	MOBILIZATION	LS	1	10,000.00	10.000.00
143	S	000003	TRENCH SHORING, SHEETING AND BRACING	LS	1	5,000.00	5,000.00
144	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, PURPLE POLYETHYLENE ENCASEMENT, ELBOWS, FITTINGS, THRUST BLOCKS, AND ALL OTHER APPURTENANT DEVICES	LF	2,260	80.00	180,800.00
145	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, AND ALL OTHER APPURTENANT DEVICES WITHIN THE BRIDGE	LF	1,200	100.00	120,000.00
146	S-P	000003	6-INCH BLOW-OFF ASSEMBLY WITH DIP (PAINTED PURPLE)	EA	2	4,000.00	8,000.0
147	S-P	000003	2-INCH AIR VALVE ASSEMBLY (PAINTED PURPLE)	EA	1	4,500.00	4,500.0
148	S-P	000003	12-INCH FLEXIBLE EXPANSION JOINT FLEX-TEND AS MANUFACTURED BY EBAA IRON INC. OR APPROVED EQUAL, AND ALL OTHER APPURTENANT WORK FOR 12-INCH RECLAIMED WATERLINE AT BRIDGE UTILTY VAULT	EA	2	4,000.00	8,000.00
149		000003	RELOCATE FIRE HYDRANT ASSEMBLY, INCLUDING 12-INCH DIP, 12-INCH BUTTERFLY VALVE, AND ALL APPURTENANT DEVICES	EA	1	1,000.00	1,000.0
150		000003	FURNISH AND INSTALL 12-INCH BUTTERFLY VALVE	EA	4	2,800.00	11,200.0
151		000003	FURNISH AND INSTALL PLAIN ROLLER PIPE SUPPORT, INCLUDING U-BOLT STRAP, MANUFACTURED BASE PLATE AND ALL APPURTENANT DEVICES	EA	133	750.00	99,750.00
			PROJECT SUBTOTAL, ALTERNATE "C"				
			ITEMS 142-151				448,250.00
						<u>'</u>	
			PROJECT TOTAL				
			ITEMS 1-151				55,171,240.0

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

SUKUT-MYERS, JOINT VENTURE

4010 W. Chandler Ave BASE BID Santa Ana, CA 92704

BASE	BID					Santa Ana, CA 92704	
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
1		160101	CLEARING AND GRUBBING	LS	1	347,000.00	347,000.00
2	F	190101	ROADWAY EXCAVATION	CY	92,604	5.65	523,212.60
3	F	198001	IMPORTED BORROW	CY	123,255	4.30	529,996.50
4		198200	SUBGRADE ENHANCEMENT FABRIC [PRIMARY EMBANKMENT REINFORCEMENT]	SQYD	106,450	4.00	425,800.00
5		198200	SUBGRADE ENHANCEMENT FABRIC [SECONDARY EMBANKMENT REINFORCEMENT]	SQYD	13,350	0.01	133.50
6		150771	REMOVE ASPHALT CONCRETE DIKE	LF	2,250	3.50	7,875.00
7		153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	220	2.20	484.00
8		153215	REMOVE CONCRETE [ROLLED CURB AND GUTTER]	LF	180	2.70	486.00
9		153213	REMOVE CONCRETE [DRAINAGE FACILITIES]	LS	1	63,700.00	63,700.00
10	F	390102	ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT]	TON	22,213	82.50	1,832,572.50
11	F	260201	CLASS 2 AGGREGATE BASE	CY	3,475	47.00	163,325.00
12	F	250301	CLASS 3 AGGREGATE SUBBASE	CY	294	52.00	15,288.00
13	F	401000	CONCRETE PAVEMENT [JOINT PLAIN]	CY	1,251	275.00	344,025.00
14	F	390126	ASPHALT RUBBER HOT MIX [TYPE G]	TON	466	125.00	58,250.00
15		731623	MINOR CONCRETE (CURB RAMP) [CASE A]	EA	4	2,530.00	10,120.00
16	F	731521	MINOR CONCRETE (SIDEWALK)	SQFT	5,856	4.60	26,937.60
17	F	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF	2,919	17.00	49,623.00
18	F	731501	MINOR CONCRETE (CURB)	LF	849	17.00	14,433.00
19		510501	MINOR CONCRETE [DRIVEWAY APPROACH]	EA	1	2,380.00	2,380.00
20	F	731519	MINOR CONCRETE (STAMPED CONCRETE)	SQFT	702	7.60	5,335.20
21		394049	PLACE ASPHALT CONCRETE DIKE (TYPE F)	LF	1,512	5.20	7,862.40
22		394044	PLACE ASPHALT CONCRETE DIKE (TYPE C)	LF	260	5.20	1,352.00
23		394040	PLACE ASPHALT CONCRETE DIKE (TYPE A)	LF	822	5.20	4,274.40
24		650014	18" REINFORCED CONCRETE PIPE [2000 D]	LF	668	60.00	40,080.00
25		650018	24" REINFORCED CONCRETE PIPE [1500 D]	LF	598	54.00	32,292.00
26		650026	36" REINFORCED CONCRETE PIPE [1500 D]	LF	157	95.00	14,915.00
27		650042	60" REINFORCED CONCRETE PIPE [1000 D]	LF	144	150.00	21,600.00
28		650050	72" REINFORCED CONCRETE PIPE [1200 D]	LF	334	200.00	66,800.00
29		665018	18" CORRUGATED STEEL PIPE (10 GAUGE)	LF	60	48.00	2,880.00
30		665025	24" CORRUGATED STEEL PIPE (12 GAUGE)	LF	30	46.00	1,380.00
31		664050	54" CORRUGATED STEEL PIPE (10 GAUGE)	LF	23	115.00	2,645.00
32		705011	18" STEEL FLARED END SECTION	EA	1	255.00	255.00
33		705015	24" STEEL FLARED END SECTION	EA	2	310.00	620.00
34		000003	MISCELLANEOUS FACILITIES (INLET TYPE X)	EA	1	1,660.00	1,660.00
35	F	510501	MINOR CONCRETE [CONCRETE BULKHEAD]	CY	1	610.00	610.00
36	F	510501	MINOR CONCRETE [CONCRETE COLLAR]	CY	5	1,830.00	9,150.00
37	F	510501	MINOR CONCRETE [LOCAL DEPRESSION]	CY	16	410.00	6,560.00
38		510502	MINOR CONCRETE (MINOR STRUCTURE) [ENERGY DISSIPATOR]	LS	1	25,800.00	25,800.00
39	F	510050	CLASS 2 CONCRETE [BOX CULVERT AND WINGWALL]	CY	200	760.00	152,000.00
40		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=10']	EA	5	5,000.00	25,000.00
41		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=14']	EA	3	7,210.00	21,630.00
42		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=28']	EA	1	8,030.00	8,030.00
43		510502	MINOR CONCRETE (MINOR STRUCTURE) [DRAINAGE INLET TYPE GDO]	EA	14	2,620.00	36,680.00
44		510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 1]	EA	3	3,710.00	11,130.00
45		510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 2]	EA	4	4,740.00	18,960.00
46		510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 4]	EA	2	5,230.00	10,460.00
47	F	510501	MINOR CONCRETE [CONCRETE HEADWALL]	CY	2	1,000.00	2,000.00
48	P-F-S	520101	BAR REINFORCING STEEL [BOX CULVERT AND WINGWALL]	LBS	47,585	1.08	51,391.80
49	F	721008	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	13,901	41.50	576,891.50
50	F	721007	ROCK SLOPE PROTECTION (1/4 TON, METHOD B)	CY	6,705	48.50	325,192.50
51	F	721011	ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	CY	2,540	78.00	198,120.00
52	F	721012	ROCK SLOPE PROTECTION (BACKING NO. 3, METHOD B)	CY	4	330.00	1,320.00
53	F	721608	CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	1,988	100.00	198,800.00
54	F	721810	SLOPE PAVING (CONCRETE)	CY	48	709.00	34,032.00
55	P-S	490380	SHEET PILING	SQFT	82,610	40.66	3,358,922.60
56		729010	ROCK SLOPE PROTECTION FABRIC	SQYD	25,966	2.20	57,125.20
57		000003	TRAIL FENCING	LF	2,157	16.00	34,512.00
58		000003	PIPE GATE (10', 16')	EA	2	3,110.00	6,220.00
59		832003	METAL BEAM GUARD RAILING (WOOD POST)	LF	1,676	20.00	33,520.00
60		839565	TERMINAL SYSTEM (TYPE SRT) [METAL BEAM]	EA	4	5,180.00	20,720.00
61	l	839541	TRANSITION RAILING (TYPE WB) [METAL BEAM]	EA	4	3,110.00	12,440.00

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project

Project No. A7-0298, BRLS – 5956 (078)

SUKUT-MYERS, JOINT VENTURE

4010 W. Chandler Ave

BASE	BID (Continued)				Santa Ana, CA 9270	04
ITEM	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
62		839559	TERMINAL SYSTEM (TYPE ET) [METAL BEAM]	EA	2	3,110.00	6,220.00
63	F	839714	CONCRETE BARRIER (TYPE 80) [ON TRENCH FOOTING]	LF	2,200	180.00	396,000.00
64		150744	REMOVE ROADSIDE SIGN (WOOD POST)	EA	4	155.00	620.00
65		150662	REMOVE METAL BEAM GUARD RAILING	LF	1,280	10.00	12,800.00
66		071325	TEMPORARY FENCE (TYPE ESA)	LF	6,750	8.00	54,000.00
67	S	203016	EROSION CONTROL (TYPE D)	SQFT	53,856	0.10	5,385.60
68		208000	IRRIGATION SYSTEM	LS	1	35,000.00	35,000.00
69	S-P	074020	WATER POLLUTION CONTROL	LS	1	133,000.00	133,000.00
70	S	861502	MODIFY SIGNAL [BLUFF STREET]	LS	1	100,000.00	100,000.00
71	S	000003	SIGNING AND STRIPING	LS	1	21,900.00	21,900.00
72	F	000003	TEMPORARY HOT MIX ASPHALT TYPE A, FOR STAGED CONSTRUCTION	TON	1,948	101.00	196,748.00
73		833080	CONCRETE BARRIER (TYPE K) [PORTABLE]	LF	9,700	4.90	47,530.00
74	F	000003	TEMPORARY AGGREGATE BASE CLASS 2 FOR STAGE CONSTRUCTION	CY	300	55.00	16,500.00
75	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	198,000.00	198,000.00
76		000003	TEMPORARY SHORING	LS	1	335,000.00	335,000.00
77		070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	11,100.00	11,100.00
78		000003	COURSE OF CONSTRUCTION INSURANCE	LS	1	660,000.00	660,000.00
79		170101	DEVELOP WATER SUPPLY	LS	1	29,500.00	29,500.00
80		066105	RESIDENT ENGINEERS OFFICE	LS	1	69,700.00	69,700.00
81		000003	REMOVING EXISTING 2 TO 4 TON BOULDERS	FA	1	100,000.00	100,000.00
82	F	192008	STRUCTURE EXCAVATION (TYPE A)	CY	4,415	231.00	1,019,865.00
83	F	192020	STRUCTURE EXCAVATION (TYPE D)	CY	1,535	12.00	18,420.00
84	F	193003	STRUCTURE BACKFILL (BRIDGE)	CY	2,900	12.00	34,800.00
85		490538	FURNISH STEEL PILING (HP 14 X 117)	LF	18,960	87.00	1,649,520.00
86	S	490539	DRIVE STEEL PILE (HP 14 X 117)	EA	336	1,411.00	474,096.00
87	S	490609	60" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	1,675	485.00	812,375.00
88	F	510053	STRUCTURAL CONCRETE, BRIDGE	CY	9,800	305.56	2,994,488.00
89	F	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	1,090	263.00	286,670.00
90	F	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	182	736.00	133,952.00
91		510000	SEAL COURSE CONCRETE	CY	414	200.00	82,800.00
92	S-P	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	600,000.00	600,000.00
93	P-F-S	520102	BAR REINFORCING STEEL (BRIDGE)	LBS	4,109,559	0.80	3,287,647.20
94	S-P	518051	PTFE SPHERICAL BEARING	EA	7	7,240.00	50,680.00
95	S-P	519095	JOINT SEAL ASSEMBLY (MR=4")	LF	157	216.00	33,912.00
96	S-P	519089	JOINT SEAL ASSEMBLY [MR=6" TO 9"]	LF	79	771.00	60,909.00
97	F	511035	ARCHITECTURAL TREATMENT	SQFT	58,680	8.00	469,440.00
98			DELETED BY ADDENDUM			0.00	0.00
99		703450	WELDED STEEL PIPE CASING [16"]	LF	34	138.00	4,692.00
100		703460	WELDED STEEL PIPE CASING [24"]	LF	70	141.00	9,870.00
101	P-F-S	750501	MISCELLANEOUS METAL (BRIDGE)	LBS	28,497	4.00	113,988.00
102	P-F-S	750498	MISCELLANEOUS METAL (RESTRAINER-CABLE TYPE)	LBS	3,219	7.00	22,533.00
103	P-F-S	750505	BRIDGE DECK DRAINAGE SYSTEM	LBS	19,660	10.00	196,600.00
104	F	833070	CONCRETE RAILING [PARAPET]	LF	1,260	103.00	129,780.00
105	F	839714	CONCRETE BARRIER (TYPE 80)	LF	2,500	269.00	672,500.00
106	P-F-S		METAL RAILING [TYPE A]	LF	2,500	300.00	750,000.00
107	P-F-S	833000	METAL RAILING [TYPE B]	LF	1,260	550.00	693,000.00
108	P-S	000003	BRIDGE LIGHTING	LS	1	400,000.00	400,000.00
109		999990	MOBILIZATION	LS	1	3,120,000.00	3,120,000.00
110		019901	DE-MOBILIZATION	LS	1	2,100,000.00	2,100,000.00
111		157550	BRIDGE REMOVAL	LS	1	187,000.00	187,000.00
112		066102	DUST ABATEMENT	LS	1	108,000.00	108,000.00
						100,000.00	100,000.00
113.A		066015	FEDERAL TRAINEE PROGRAM	FA	1	40,600.00	40,600.00
113.B		000003	BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL]	CY	180,000	0.50	90,000.00
			SUBTOTAL (BASE BID)				·
			ITEMS 1-113.B				32,933,951.10

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

ALTERNATE "A" (3-20" POTABLE WATER LINES; WESTERN MUNICIPAL WATER DISTRICT)

SUKUT-MYERS, JOINT VENTURE 4010 W. Chandler Ave Santa Ana, CA 92704

	Santa Ana, CA 92704						
ITE	NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
114		999990	MOBILIZATION/DEMOBILIZATION	LS	1	6,500.00	6,500.00
115	S-P		FURNISH AND INSTALL 20-INCH DIA. CML & EPOXY COATED, C-200, 0.25" WALL THICKNESS, STEEL WATER PIPELINE INCLUDING FULLY WELDED JOINTS DOUBLE PASS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	3,606	144.00	519,264.00
116	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL BLIND FLANGE	EA	6	1,600.00	9,600.00
117	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL 11.250 ELBOW	EA	12	7,800.00	93,600.00
118	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EXCAVATION, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 20-INCH DIA. STEEL PIPING FOR EACH PIPELINE FROM BRIDGE ABUTMENT TO BLIND FLANGE (INCLUDING FULLY WELDED JOINTS DOUBLE PASS, CONCRETE ENCASEMENT, SLIP ON FLANGES, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR; EXCLUDING ELBOWS), AND EXPANSION JOINTS, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN AND 4-INCH PVC DRAIN PIPE	EA	2	52,000.00	104,000.00
119	S-P		UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, AREA DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	48	39.00	1,872.00
120	S-P	000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	540.00	1,080.00
121	S-P	000003	ROLLER PIPE SUPPORT PER PLANS AND SPECIFICATIONS (W/U-BOLT) INCLUDING BASE PLATES, SHIMMING, GROUTING, WELDING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	360	665.00	239,400.00
122	S-P	000003	MIDSPAN FIXED PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, SHIMMING, GROUTING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	3	125.00	375.00
123	S-P	000003	2" AIR RELEASE/AIR VACUUM VALVE ASSEMBLY PER PLANS	EA	3	1,300.00	3,900.00
124	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	1.00	1.00
			PROJECT SUBTOTAL, ALTERNATE "A"				
		<u> </u>	ITEMS 114-124				979,592.00

			ORCE MAIN SEWER IMPROVEMENT; COUNTY REGIONAL WASTEWATER AUTHORITY)			SUKUT-MYERS, JOINT VENTURE 4010 W. Chandler Ave Santa Ana, CA 92704			
		ITEM CODE	,	UNITS	QUANTITY	· · · · · · · · · · · · · · · · · · ·	BID ESTIMATE		
125		999990	MOBILIZATION/DEMOBILIZATION	LS	1	5,800.00	5,800.00		
126	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 52, CML, TR-FLEX, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING BUILT-IN JOINT RESTRAINTS AND PRESSURE TESTING, FROM BRIDGE ABUTMENT TO BRIDGE ABUTMENT, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	1,200	242.00	290,400.00		
127	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 50, CML, TYTON PUSH-ON JOINTS, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING RESTRAINTS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE; EXCLUDING PIPE LENGTHS SPECIFICALLY CALLED OUT IN OTHER BID ITEMS	LF	2,190	156.00	341,640.00		
128	S-P	000003	30-INCH DIA. DUCTILE IRON 450 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	1	6,200.00	6,200.00		
129	S-P	000003	30-INCH DIA. DUCTILE IRON 22.50 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	4	5,300.00	21,200.00		
130	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EARTHWORK, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 30-INCH DUCTILE IRON PIPING FROM BRIDGE ABUTMENT TO JOINT WITH 22.50 VERTICAL ELBOW JUST OUTSIDE OF UTILITY VAULT, EXPANSION JOINTS, AND PRESSURE TESTING, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN, 4-INCH PVC DRAIN PIPE, & 22.50 ELBOW	EA	2	47,000.00	94,000.00		
131	S-P	000003	UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	52	29.00	1,508.00		
132	S-P	000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	404.00	808.00		
133	S-P	000003	CONCRETE SADDLE PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, FORMS, U-BOLTS, ANCHORS, FASTENERS, TEMPORARY SUPPORTS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	133	548.00	72,884.00		

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

Updated: 10/23/2008

		•	FORCE MAIN SEWER IMPROVEMENT; COUNTY REGIONAL WASTEWATER AUTHORITY) (CONTINUED)			SUKUT-MYERS, JOINT VENTURE 4010 W. Chandler Ave Santa Ana, CA 92704		
ITEM	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	
134	S-P	000003	UNDERCROSSING OF PROPOSED STORM DRAINS, INCLUDING ALL PIPING, FITTINGS, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 22.50 ELBOW TO OUTER 22.50 ELBOW (APPROX. STA 8+60.14 TO STA 9+94.76) INCLUDING ELBOWS, COMPLETE AND IN PLACE	EA	1	45,000.00	45,000.00	
135	S	000003	14' x 10' RCB CROSSING, INCLUDING ALL PIPING, FITTINGS, STEEL CASING, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 450 ELBOW TO OUTER 450 ELBOW (APPROX. STA 43+39.90 TO STA 43+97.15) INCLUDING ELBOWS, COMPLETE AND IN PLACE	LS	1	52,000.00	52,000.00	
136	S-P	000003	2-INCH MANUAL AIR RELEASE VALVE AT BRIDGE MID-SPAN PER PLANS AND SPECIFICATIONS, INCLUDING BALL VALVE, PIPE SERVICE SADDLE, NIPPLES, MANHOLE FRAME AND COVER, AND ALL ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	1	1,200.00	1,200.00	
137	S	000003	ABANDONMENT OF EXISTING WRCRWA 30-INCH FORCE MAIN, INCLUDING CAPPING, DEWATERING OF SEWAGE, REMOVAL OF PIPING THAT INTERFERES WITH BRIDGE CONSTRUCTION, WASTE DISPOSAL, PERMITS, PAVEMENT SAWCUTTING, REMOVAL AND DISPOSAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, COMPLETE AND IN PLACE	EA	1	1,000.00	1,000.00	
138		000003	REMOVE AND DISPOSE OF EXISTING 30-INCH DUCTILE IRON FORCE MAIN FROM APPROXIMATELY STA 8+50 TO STA 10+00	LF	150	36.00	5,400.00	
139		000003	CONNECT TO EXISTING 30-INCH FORCE MAIN AT STA 8+50 AND STA 44+65.59, PER THE CONNECTION DETAIL ON THE PLANS, INCLUDING 450 ELBOW	LS	1	125,000.00	125,000.00	
140		000003	POTHOLING (INCLUDING TEMPORARY TRAFFIC CONTROL)	EA	10	650.00	6,500.00	
141	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	14,500.00	14,500.00	
			PROJECT SUBTOTAL, ALTERNATE "B" ITEMS 125-141				1,085,040.00	

						SUKUT-MYERS, JO	INT VENTURE	
ALTE	RNAT	E "C" (12" R	RECLAIMED WATER LINE; CITY OF NORCO)			4010 W. Chandler A	ve	
						Santa Ana, CA 92704		
ITEN	NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	
142		999990	MOBILIZATION	LS	1	5,800.00	5,800.00	
143	S	000003	TRENCH SHORING, SHEETING AND BRACING	LS	1	1,000.00	1,000.00	
144	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, PURPLE POLYETHYLENE ENCASEMENT, ELBOWS, FITTINGS, THRUST BLOCKS, AND ALL OTHER APPURTENANT DEVICES	LF	2,260	75.00	169,500.00	
145	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, AND ALL OTHER APPURTENANT DEVICES WITHIN THE BRIDGE	LF	1,200	77.00	92,400.00	
146	S-P	000003	6-INCH BLOW-OFF ASSEMBLY WITH DIP (PAINTED PURPLE)	EA	2	3,800.00	7,600.00	
147	S-P	000003	2-INCH AIR VALVE ASSEMBLY (PAINTED PURPLE)	EA	1	2,400.00	2,400.00	
148	S-P	000003	12-INCH FLEXIBLE EXPANSION JOINT FLEX-TEND AS MANUFACTURED BY EBAA IRON INC. OR APPROVED EQUAL, AND ALL OTHER APPURTENANT WORK FOR 12-INCH RECLAIMED WATERLINE AT BRIDGE UTILTY VAULT	EA	2	9,300.00	18,600.00	
149		000003	RELOCATE FIRE HYDRANT ASSEMBLY, INCLUDING 12-INCH DIP, 12-INCH BUTTERFLY VALVE, AND ALL APPURTENANT DEVICES	EA	1	6,000.00	6,000.00	
150		000003	FURNISH AND INSTALL 12-INCH BUTTERFLY VALVE	EA	4	1,900.00	7,600.00	
151		000003	FURNISH AND INSTALL PLAIN ROLLER PIPE SUPPORT, INCLUDING U-BOLT STRAP, MANUFACTURED BASE PLATE AND ALL APPURTENANT DEVICES	EA	133	400.00	53,200.00	
			PROJECT SUBTOTAL, ALTERNATE "C"					
			ITEMS 142-151				364,100.00	
			PROJECT TOTAL (BASE BID, ALT A + ALT B + ALT C)					
			ITEMS 1-151				35,362,683.10	

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS - 5956 (078)

MCM CONSTRUCTION, INC.

P.O. Box 620 North Highlands CA 95660 RASE RID

BASE	BID					North Highlands, CA	95660
ITEM	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
1		160101	CLEARING AND GRUBBING	LS	1	350,000.00	350,000.00
2	F	190101	ROADWAY EXCAVATION	CY	92,604	9.50	879,738.00
3	F	198001	IMPORTED BORROW	CY	123,255	11.50	1,417,432.50
4		198200	SUBGRADE ENHANCEMENT FABRIC [PRIMARY EMBANKMENT REINFORCEMENT]	SQYD	106,450	6.00	638,700.00
5		198200	SUBGRADE ENHANCEMENT FABRIC [SECONDARY EMBANKMENT REINFORCEMENT]	SQYD	13,350	4.00	53,400.00
6		150771	REMOVE ASPHALT CONCRETE DIKE	LF	2,250	1.25	2,812.50
7		153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	220	10.00	2,200.00
8		153215	REMOVE CONCRETE [ROLLED CURB AND GUTTER]	LF	180	9.00	1,620.00
9		153213	REMOVE CONCRETE [DRAINAGE FACILITIES]	LS	1	26,000.00	26,000.00
10	F	390102	ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT]	TON	22,213	79.00	1,754,827.00
11	F	260201	CLASS 2 AGGREGATE BASE	CY	3,475	45.00	156,375.00
12	F	250301	CLASS 3 AGGREGATE SUBBASE	CY	294	47.00	13,818.00
13	F	401000	CONCRETE PAVEMENT [JOINT PLAIN]	CY	1,251	300.00	375,300.00
14	F	390126	ASPHALT RUBBER HOT MIX [TYPE G]	TON	466	450.00	209,700.00
15		731623	MINOR CONCRETE (CURB RAMP) [CASE A]	EA	4	2,500.00	10,000.00
16	F	731521	MINOR CONCRETE (SIDEWALK)	SQFT	5,856	4.00	23,424.00
17	F	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF	2,919	18.00	52,542.00
18	F	731501	MINOR CONCRETE (CURB)	LF	849	15.00	12,735.00
19		510501	MINOR CONCRETE [DRIVEWAY APPROACH]	EA	1	3,000.00	3,000.00
20	F	731519	MINOR CONCRETE (STAMPED CONCRETE)	SQFT	702	10.00	7,020.00
21		394049	PLACE ASPHALT CONCRETE DIKE (TYPE F)	LF	1,512	4.25	6,426.00
22		394044	PLACE ASPHALT CONCRETE DIKE (TYPE C)	LF	260	3.75	975.00
23		394040	PLACE ASPHALT CONCRETE DIKE (TYPE A)	LF	822	6.00	4,932.00
24		650014	18" REINFORCED CONCRETE PIPE [2000 D]	LF	668	100.00	66,800.00
25		650018	24" REINFORCED CONCRETE PIPE [1500 D]	LF	598	105.00	62,790.00
26		650026	36" REINFORCED CONCRETE PIPE [1500 D]	LF	157	117.00	18,369.00
27		650042	60" REINFORCED CONCRETE PIPE [1000 D]	LF	144	200.00	28,800.00
28		650050	72" REINFORCED CONCRETE PIPE [1200 D]	LF	334	215.00	71,810.00
29		665018	18" CORRUGATED STEEL PIPE (10 GAUGE)	LF	60	90.00	5,400.00
30		665025	24" CORRUGATED STEEL PIPE (12 GAUGE)	LF	30	130.00	3,900.00
31		664050	54" CORRUGATED STEEL PIPE (10 GAUGE)	LF	23	170.00	3,910.00
32		705011	18" STEEL FLARED END SECTION	EA	1	400.00	400.00
33		705015	24" STEEL FLARED END SECTION	EA	2	600.00	1,200.00
34		000003	MISCELLANEOUS FACILITIES (INLET TYPE X)	EA	1	1,500.00	1,500.00
35	F	510501	MINOR CONCRETE [CONCRETE BULKHEAD]	CY	1	2,000.00	2,000.00
36	F	510501	MINOR CONCRETE [CONCRETE COLLAR]	CY	5	1,200.00	6,000.00
37	F	510501	MINOR CONCRETE [LOCAL DEPRESSION]	CY	16	290.00	4,640.00
38		510502	MINOR CONCRETE (MINOR STRUCTURE) [ENERGY DISSIPATOR]	LS	1	50,000.00	50,000.00
39	F	510050	CLASS 2 CONCRETE [BOX CULVERT AND WINGWALL]	CY	200	750.00	150,000.00
40		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=10']	EA	5	4,400.00	22,000.00
41		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=14']	EA	3	5,900.00	17,700.00
42			MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=28']	EA	1	10,000.00	10,000.00
43		510502	MINOR CONCRETE (MINOR STRUCTURE) [DRAINAGE INLET TYPE GDO]	EA	14	3,200.00	44,800.00
44		510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 1]	EA	3	4,900.00	14,700.00
45			MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 2]	EA	4	6,100.00	24,400.00
46			MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 4]	EA	2	8,400.00	16,800.00
47	F	510501	MINOR CONCRETE [CONCRETE HEADWALL]	CY	2	750.00	1,500.00
48	P-F-S		BAR REINFORCING STEEL [BOX CULVERT AND WINGWALL]	LBS	47,585	1.00	47,585.00
49	F	721008	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	13,901	43.00	597,743.00
50	F		ROCK SLOPE PROTECTION (1/4 TON, METHOD B)	CY	6,705	43.00	288,315.00
51	F	721011	ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	CY	2,540	43.00	109,220.00
52	F	721012	ROCK SLOPE PROTECTION (BACKING NO. 3, METHOD B)	CY	4	200.00	800.00
53	F	721608	CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	1,988	150.00	298,200.00
54	F	721810	SLOPE PAVING (CONCRETE)	CY	48	500.00	24,000.00
55	P-S		SHEET PILING	SQFT	82,610	45.00	3,717,450.00
56			ROCK SLOPE PROTECTION FABRIC	SQYD	25,966	3.00	77,898.00
57		000003	TRAIL FENCING	LF	2,157	18.00	38,826.00
58			PIPE GATE (10', 16')	EA	2	2,000.00	4,000.00
59		832003	METAL BEAM GUARD RAILING (WOOD POST)	LF	1,676	23.50	39,386.00
60		839565	TERMINAL SYSTEM (TYPE SRT) [METAL BEAM]	EA	4	2,700.00	10,800.00
61		839541	TRANSITION RAILING (TYPE WB) [METAL BEAM]	EA	4	3,900.00	15,600.00

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Advertised: July 29, 2008 (Agenda Item: 3.133)
Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

MCM CONSTRUCTION, INC. P.O. Box 620

BASE BID (Continued) North Highlands, CA 95660 ITEM NO. ITEM CODE CONTRACT ITEM UNITS QUANTITY **BID UNIT PRICE** BID ESTIMATE 62 839559 TERMINAL SYSTEM (TYPE ET) [METAL BEAM] FΑ 4,000.00 8,000.00 63 F 839714 CONCRETE BARRIER (TYPE 80) [ON TRENCH FOOTING] LF 2.200 150.00 330,000.00 64 150744 REMOVE ROADSIDE SIGN (WOOD POST) EΑ 300.00 1,200.00 65 150662 REMOVE METAL BEAM GUARD RAILING LF 1.280 4.00 5,120.00 TEMPORARY FENCE (TYPE ESA) LF 66 071325 6.750 8.00 54,000.00 67 S 203016 EROSION CONTROL (TYPE D) SQFT 53.856 0.10 5,385.60 68 208000 IRRIGATION SYSTEM LS 50,000.00 50,000.00 S-P WATER POLLUTION CONTROL LS 69 074020 40.000.00 40.000.00 70 S 861502 MODIFY SIGNAL [BLUFF STREET] LS 80,000.00 80,000.00 71 S 000003 SIGNING AND STRIPING LS 1 36,000.00 36,000.00 72 F 000003 TEMPORARY HOT MIX ASPHALT TYPE A, FOR STAGED CONSTRUCTION TON 1.948 77.00 149.996.00 73 833080 CONCRETE BARRIER (TYPE K) [PORTABLE] LF 9,700 25.00 242,500.00 74 TEMPORARY AGGREGATE BASE CLASS 2 FOR STAGE CONSTRUCTION CY 000003 300 80.00 24.000.00 S LS 75 120100 TRAFFIC CONTROL SYSTEM 1 150.000.00 150,000.00 76 000003 TEMPORARY SHORING LS 1 350.000.00 350,000.00 77 070012 PROGRESS SCHEDULE (CRITICAL PATH METHOD) LS 1 6,500.00 6,500.00 COURSE OF CONSTRUCTION INSURANCE 78 000003 LS 1 100,000.00 100,000.00 79 170101 DEVELOP WATER SUPPLY LS 1 75 000 00 75.000.00 066105 RESIDENT ENGINEERS OFFICE LS 80 1 50,000.00 50,000.00 81 000003 REMOVING EXISTING 2 TO 4 TON BOULDERS FΑ 100,000.00 100,000.00 F 4,415 82 192008 STRUCTURE EXCAVATION (TYPE A) CY 750.00 3,311,250.00 STRUCTURE EXCAVATION (TYPE D) 83 F 192020 CY 1.535 50.00 76,750.00 84 F 193003 STRUCTURE BACKFILL (BRIDGE) CY 2.900 15.00 43,500.00 490538 LF 18,960 85 FURNISH STEEL PILING (HP 14 X 117) 90.00 1,706,400.00 86 S 490539 DRIVE STEEL PILE (HP 14 X 117) EΑ 336 1,000.00 336,000.00 87 S 490609 60" CAST-IN-DRILLED-HOLE CONCRETE PILING LF 1,675 500.00 837,500.00 F CY 88 510053 STRUCTURAL CONCRETE BRIDGE 9.800 600.00 5,880,000.00 89 F 510051 STRUCTURAL CONCRETE, BRIDGE FOOTING CY 1,090 400.00 436.000.00 90 F 510086 STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N) CY 182 250.00 45,500.00 91 510000 SEAL COURSE CONCRETE CY 414 120.00 49,680.00 PRESTRESSING CAST-IN-PLACE CONCRETE 92 S-P 500001 LS 550,000,00 550.000.00 93 P-F-S 520102 BAR REINFORCING STEEL (BRIDGE) LBS 4,109,559 0.80 3,287,647.20 94 S-P 518051 PTFE SPHERICAL BEARING EΑ 5,000.00 35,000.00 95 S-P 519095 JOINT SEAL ASSEMBLY (MR=4") LF 157 150.00 23,550.00 96 S-P 519089 JOINT SEAL ASSEMBLY [MR=6" TO 9"] LF 79 1,200.00 94,800.00 SQFT 97 F 511035 ARCHITECTURAL TREATMENT 58,680 3.00 176,040.00 98 DELETED BY ADDENDUM 0.00 0.00 ----99 703450 WELDED STEEL PIPE CASING [16"] LF 34 200.00 6.800.00 LF 100 703460 WELDED STEEL PIPE CASING [24"] 70 300.00 21,000.00 101 P-F-S 750501 MISCELLANEOUS METAL (BRIDGE) LBS 28.497 5.00 142.485.00 P-F-S 750498 MISCELLANEOUS METAL (RESTRAINER-CABLE TYPE) LBS 3,219 102 5.00 16,095.00 BRIDGE DECK DRAINAGE SYSTEM LBS 103 P-F-S 750505 19 660 5.00 98,300.00 104 F 833070 CONCRETE RAILING [PARAPET] LF 1,260 100.00 126.000.00 CONCRETE BARRIER (TYPE 80) LF 105 F 839714 2.500 80.00 200,000.00 106 P-F-S 833000 METAL RAILING [TYPE A] LF 2.500 115.00 287,500.00 P-F-S 107 833000 METAL RAILING ITYPE BI LF 1.260 170.00 214,200.00 108 P-S 000003 BRIDGE LIGHTING LS 300,000.00 300,000.00 109 999990 MOBILIZATION LS 1 2,499,041.00 2,499,041.00 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000.00 111 157550 BRIDGE REMOVAL LS 150,000.00 150,000.00 112 066102 DUST ABATEMENT LS 50,000.00 50,000.00 113.4 066015 FEDERAL TRAINEE PROGRAM FΑ 1 40,600.00 40,600.00 113.E 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180.000 0.01 1,800.00

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SUBTOTAL (BASE BID) ITEMS 1-113.B

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36,903,358.80

Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

MCM CONSTRUCTION, INC.

ALTERNATE "A" (3-20" POTABLE WATER LINES; WESTERN MUNICIPAL WATER DISTRICT)

P.O. Box 620 North Highlands, CA 95660

			<u> </u>	igniands, CA 95000			
ITEM	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
114		999990	MOBILIZATION/DEMOBILIZATION	LS	1	5,000.00	5,000.00
115	S-P	000003	FURNISH AND INSTALL 20-INCH DIA. CML & EPOXY COATED, C-200, 0.25" WALL THICKNESS, STEEL WATER PIPELINE INCLUDING FULLY WELDED JOINTS DOUBLE PASS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	3,606	135.00	486,810.00
116	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL BLIND FLANGE	EA	6	1,553.00	9,318.00
117	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL 11.250 ELBOW	EA	12	2,215.00	26,580.00
118	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EXCAVATION, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 20-INCH DIA. STEEL PIPING FOR EACH PIPELINE FROM BRIDGE ABUTMENT TO BLIND FLANGE (INCLUDING FULLY WELDED JOINTS DOUBLE PASS, CONCRETE ENCASEMENT, SLIP ON FLANGES, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR; EXCLUDING ELBOWS), AND EXPANSION JOINTS, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN AND 4-INCH PVC DRAIN PIPE	EA	2	100,000.00	200,000.00
119	S-P		UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, AREA DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	48	97.00	4,656.00
120	S-P	000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	2,000.00	4,000.00
121	S-P	000003	ROLLER PIPE SUPPORT PER PLANS AND SPECIFICATIONS (W/U-BOLT) INCLUDING BASE PLATES, SHIMMING, GROUTING, WELDING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	360	1,023.00	368,280.00
122	S-P	000003	MIDSPAN FIXED PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, SHIMMING, GROUTING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	3	1,243.00	3,729.00
123	S-P	000003	2" AIR RELEASE/AIR VACUUM VALVE ASSEMBLY PER PLANS	EA	3	2,400.00	7,200.00
124	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	2,000.00	2,000.00
	_		PROJECT SUBTOTAL, ALTERNATE "A"				
			ITEMS 114-124	<u> </u>			1,117,573.00

		•	ORCE MAIN SEWER IMPROVEMENT; COUNTY REGIONAL WASTEWATER AUTHORITY)			MCM CONSTRUCTION, INC. P.O. Box 620 North Highlands, CA 95660			
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE		
125		999990	MOBILIZATION/DEMOBILIZATION	LS	1	3,207.00	3,207.00		
126	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 52, CML, TR-FLEX, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING BUILT-IN JOINT RESTRAINTS AND PRESSURE TESTING, FROM BRIDGE ABUTMENT TO BRIDGE ABUTMENT, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	1,200	200.00	240,000.00		
127	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 50, CML, TYTON PUSH-ON JOINTS, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING RESTRAINTS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE; EXCLUDING PIPE LENGTHS SPECIFICALLY CALLED OUT IN OTHER BID ITEMS	LF	2,190	144.00	315,360.00		
128	S-P	000003	30-INCH DIA. DUCTILE IRON 450 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	1	4,755.00	4,755.00		
129	S-P	000003	30-INCH DIA. DUCTILE IRON 22.50 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	4	4,557.00	18,228.00		
130	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EARTHWORK, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 30-INCH DUCTILE IRON PIPING FROM BRIDGE ABUTMENT TO JOINT WITH 22.50 VERTICAL ELBOW JUST OUTSIDE OF UTILITY VAULT, EXPANSION JOINTS, AND PRESSURE TESTING, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN, 4-INCH PVC DRAIN PIPE, & 22.50 ELBOW	EA	2	100,000.00	200,000.00		
131	S-P	000003	UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	52	84.00	4,368.00		
132		000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	2,000.00	4,000.00		
133	S-P	000003	CONCRETE SADDLE PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, FORMS, U-BOLTS, ANCHORS, FASTENERS, TEMPORARY SUPPORTS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	133	537.00	71,421.00		

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

MCM CONSTRUCTION, INC.

P.O. Box 620

ALTERNATE "B" (30" FORCE MAIN SEWER IMPROVEMENT; WESTERN RIVERSIDE COUNTY REGIONAL WASTEWATER AUTHORITY) (CONTINUED)

		TON DIVERSING COUNTY PERIODIAL WASTEWATER AUTHORITY (CONTINUED)				North Highlands CA 05660		
_		ITEM CODE	COUNTY REGIONAL WASTEWATER AUTHORITY) (CONTINUED) CONTRACT ITEM	LIMITE	QUANTITY	North Highlands, (BID ESTIMATE	
134	S-P	000003	UNDERCROSSING OF PROPOSED STORM DRAINS, INCLUDING ALL PIPING, FITTINGS, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 22.50 ELBOW TO OUTER 22.50 ELBOW (APPROX. STA 8+60.14 TO STA 9+94.76) INCLUDING ELBOWS, COMPLETE AND IN PLACE	EA	1	48,056.00	48,056.00	
135	S	000003	14' x 10' RCB CROSSING, INCLUDING ALL PIPING, FITTINGS, STEEL CASING, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 450 ELBOW TO OUTER 450 ELBOW (APPROX. STA 43+39.90 TO STA 43+97.15) INCLUDING ELBOWS, COMPLETE AND IN PLACE	LS	1	52,333.00	52,333.00	
136	S-P	000003	2-INCH MANUAL AIR RELEASE VALVE AT BRIDGE MID-SPAN PER PLANS AND SPECIFICATIONS, INCLUDING BALL VALVE, PIPE SERVICE SADDLE, NIPPLES, MANHOLE FRAME AND COVER, AND ALL ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	1	2,562.00	2,562.00	
137	S	000003	ABANDONMENT OF EXISTING WRCRWA 30-INCH FORCE MAIN, INCLUDING CAPPING, DEWATERING OF SEWAGE, REMOVAL OF PIPING THAT INTERFERES WITH BRIDGE CONSTRUCTION, WASTE DISPOSAL, PERMITS, PAVEMENT SAWCUTTING, REMOVAL AND DISPOSAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, COMPLETE AND IN PLACE	EA	1	36,081.00	36,081.00	
138		000003	REMOVE AND DISPOSE OF EXISTING 30-INCH DUCTILE IRON FORCE MAIN FROM APPROXIMATELY STA 8+50 TO STA 10+00	LF	150	16.00	2,400.00	
139		000003	CONNECT TO EXISTING 30-INCH FORCE MAIN AT STA 8+50 AND STA 44+65.59, PER THE CONNECTION DETAIL ON THE PLANS, INCLUDING 450 ELBOW	LS	1	120.00	120.00	
140		000003	POTHOLING (INCLUDING TEMPORARY TRAFFIC CONTROL)	EA	10	621.00	6,210.00	
141	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	26,131.00	26,131.00	
			PROJECT SUBTOTAL, ALTERNATE "B"					
			ITEMS 125-141				1,035,232.00	

ALTE	RNATE	E "C" (12" R	ECLAIMED WATER LINE; CITY OF NORCO)			MCM CONSTRUCTION, INC. P.O. Box 620 North Highlands, CA 95660			
ITEM	NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE		
142		999990	MOBILIZATION	LS	1	3,600.00	3,600.00		
143	S	000003	TRENCH SHORING, SHEETING AND BRACING	LS	1	5,293.00	5,293.00		
144	S-P		12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, PURPLE POLYETHYLENE ENCASEMENT, ELBOWS, FITTINGS, THRUST BLOCKS, AND ALL OTHER APPURTENANT DEVICES	LF	2,260	60.00	135,600.00		
145	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, AND ALL OTHER APPURTENANT DEVICES WITHIN THE BRIDGE	LF	1,200	51.00	61,200.00		
146	S-P	000003	6-INCH BLOW-OFF ASSEMBLY WITH DIP (PAINTED PURPLE)	EA	2	4,116.00	8,232.00		
147	S-P	000003	2-INCH AIR VALVE ASSEMBLY (PAINTED PURPLE)	EA	1	2,666.00	2,666.00		
148	S-P		12-INCH FLEXIBLE EXPANSION JOINT FLEX-TEND AS MANUFACTURED BY EBAA IRON INC. OR APPROVED EQUAL, AND ALL OTHER APPURTENANT WORK FOR 12- INCH RECLAIMED WATERLINE AT BRIDGE UTILTY VAULT	EA	2	14,943.00	29,886.00		
149		0000003	RELOCATE FIRE HYDRANT ASSEMBLY, INCLUDING 12-INCH DIP, 12-INCH BUTTERFLY VALVE, AND ALL APPURTENANT DEVICES	EA	1	1,890.00	1,890.00		
150		000003	FURNISH AND INSTALL 12-INCH BUTTERFLY VALVE	EA	4	1,737.00	6,948.00		
151			FURNISH AND INSTALL PLAIN ROLLER PIPE SUPPORT, INCLUDING U-BOLT STRAP, MANUFACTURED BASE PLATE AND ALL APPURTENANT DEVICES	EA	133	879.00	116,907.00		
			PROJECT SUBTOTAL, ALTERNATE "C"						
			ITEMS 142-151				372,222.00		
			PROJECT TOTAL (BASE BID, ALT A + ALT B + ALT C)						
			ITEMS 1-151				39,428,385.80		

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

| FCI CONSTRUCTORS, INC.

1770 La Costa Meadows Drive San Marcos, CA 92078

BASE	BID					San Marcos, CA 92	2078
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
1		160101	CLEARING AND GRUBBING	LS	1	350,000.00	350,000.00
2	F	190101	ROADWAY EXCAVATION	CY	92,604	9.00	833,436.00
3	F	198001	IMPORTED BORROW	CY	123,255	9.00	1,109,295.00
4		198200	SUBGRADE ENHANCEMENT FABRIC [PRIMARY EMBANKMENT REINFORCEMENT]	SQYD	106,450	4.30	457,735.00
5		198200	SUBGRADE ENHANCEMENT FABRIC [SECONDARY EMBANKMENT REINFORCEMENT]	SQYD	13,350	3.00	40,050.00
6		150771	REMOVE ASPHALT CONCRETE DIKE	LF	2,250	1.00	2,250.00
7		153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	220	8.00	1,760.00
8		153215	REMOVE CONCRETE [ROLLED CURB AND GUTTER]	LF	180	10.00	1,800.00
9		153213	REMOVE CONCRETE [DRAINAGE FACILITIES]	LS	1	65,000.00	65,000.00
10	F	390102	ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT]	TON	22,213	79.00	1,754,827.00
11	F	260201	CLASS 2 AGGREGATE BASE	CY	3,475	55.00	191,125.00
12	F	250301	CLASS 3 AGGREGATE SUBBASE	CY	294	33.00	9,702.00
13	F	401000	CONCRETE PAVEMENT [JOINT PLAIN]	CY	1,251	248.00	310,248.00
14	F	390126	ASPHALT RUBBER HOT MIX [TYPE G]	TON	466	142.00	66,172.00
15		731623	MINOR CONCRETE (CURB RAMP) [CASE A]	EA	4	2,500.00	10,000.00
16	F	731521	MINOR CONCRETE (SIDEWALK)	SQFT	5,856	3.50	20,496.00
17	F	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF	2,919	35.00	102,165.00
18	F	731501	MINOR CONCRETE (CURB)	LF	849	32.00	27,168.00
19		510501	MINOR CONCRETE [DRIVEWAY APPROACH]	EA	1	2.500.00	2,500.00
20	F	731519	MINOR CONCRETE (STAMPED CONCRETE)	SQFT	702	15.00	10,530.00
21		394049	PLACE ASPHALT CONCRETE DIKE (TYPE F)	LF	1,512	3.50	5,292.00
22		394044	PLACE ASPHALT CONCRETE DIKE (TYPE C)	LF	260	2.50	650.00
23		394040	PLACE ASPHALT CONCRETE DIKE (TYPE A)	LF	822	5.00	4,110.00
24		650014	18" REINFORCED CONCRETE PIPE [2000 D]	LF	668	68.00	45,424.00
25		650018	24" REINFORCED CONCRETE PIPE [1500 D]	LF	598	98.00	58,604.00
26		650026	36" REINFORCED CONCRETE PIPE [1500 D]	LF	157	146.00	22,922.00
27		650042	60" REINFORCED CONCRETE PIPE [1000 D]	LF	144	257.00	37,008.00
28		650050	72" REINFORCED CONCRETE PIPE [1200 D]	LF	334	250.00	83,500.00
29		665018	18" CORRUGATED STEEL PIPE (10 GAUGE)	LF	60	170.00	10,200.00
30		665025	24" CORRUGATED STEEL PIPE (12 GAUGE)	LF	30	197.00	5,910.00
31		664050	54" CORRUGATED STEEL PIPE (10 GAUGE)	LF	23	300.00	6,900.00
32		705011	18" STEEL FLARED END SECTION	EA	1	380.00	380.00
33		705015	24" STEEL FLARED END SECTION	EA	2	339.00	678.00
34		000003	MISCELLANEOUS FACILITIES (INLET TYPE X)	EA	1	2,700.00	2,700.00
35	F	510501	MINOR CONCRETE [CONCRETE BULKHEAD]	CY	1	254.00	254.00
36	F	510501	MINOR CONCRETE [CONCRETE COLLAR]	CY	5	4,800.00	24,000.00
37	F	510501	MINOR CONCRETE [LOCAL DEPRESSION]	CY	16	750.00	12,000.00
38		510502	MINOR CONCRETE (MINOR STRUCTURE) [ENERGY DISSIPATOR]	LS	1	55,000.00	55,000.00
39	F	510050	CLASS 2 CONCRETE [BOX CULVERT AND WINGWALL]	CY	200	900.00	180,000.00
40		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=10']	EA	5	6,800.00	34,000.00
41		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=14']	EA	3	8,500.00	25,500.00
42		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=28']	EA	1	12,700.00	12,700.00
43		510502	MINOR CONCRETE (MINOR STRUCTURE) [DRAINAGE INLET TYPE GDO]	EA	14	3,500.00	49,000.00
44		510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 1]	EA	3	4,300.00	12,900.00
45		510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 2]	EA	4	5,200.00	20,800.00
46		510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 4]	EA	2	9,100.00	18,200.00
47	F	510501	MINOR CONCRETE [CONCRETE HEADWALL]	CY	2	1,000.00	2,000.00
48	P-F-S	520101	BAR REINFORCING STEEL [BOX CULVERT AND WINGWALL]	LBS	47,585	1.00	47,585.00
49	F	721008	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	13,901	52.00	722,852.00
50	F	721007	ROCK SLOPE PROTECTION (1/4 TON, METHOD B)	CY	6,705	48.00	321,840.00
51	F	721011	ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	CY	2,540	49.00	124,460.00
52	F	721012	ROCK SLOPE PROTECTION (BACKING NO. 3, METHOD B)	CY	4	650.00	2,600.00
53	F	721608	CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	1,988	93.00	184,884.00
54	F	721810	SLOPE PAVING (CONCRETE)	CY	48	675.00	32,400.00
55	P-S	490380	SHEET PILING	SQFT	82,610	43.00	3,552,230.00
56		729010	ROCK SLOPE PROTECTION FABRIC	SQYD	25,966	2.50	64,915.00
57		000003	TRAIL FENCING	LF	2,157	25.00	53,925.00
58		000003	PIPE GATE (10', 16')	EA	2	2,700.00	5,400.00
59		832003	METAL BEAM GUARD RAILING (WOOD POST)	LF	1,676	25.00	41,900.00
60		839565	TERMINAL SYSTEM (TYPE SRT) [METAL BEAM]	EA	4	2,700.00	10,800.00
61		839541	TRANSITION RAILING (TYPE WB) [METAL BEAM]	EA	4	3,100.00	12,400.00
	l	3330-11	I a served (a see) for a serving		т	5,100.00	12,700.00

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

| FCI CONSTRUCTORS, INC.

1770 La Costa Meadows Drive San Marcos, CA 92078

BASE	1 /						arcos, CA 92078	
ITEN	NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	
62		839559	TERMINAL SYSTEM (TYPE ET) [METAL BEAM]	EA	2	3,600.00	7,200.00	
63	F	839714	CONCRETE BARRIER (TYPE 80) [ON TRENCH FOOTING]	LF	2,200	200.00	440,000.00	
64		150744	REMOVE ROADSIDE SIGN (WOOD POST)	EA	4	250.00	1,000.00	
65		150662	REMOVE METAL BEAM GUARD RAILING	LF	1,280	15.00	19,200.00	
66		071325	TEMPORARY FENCE (TYPE ESA)	LF	6,750	9.00	60,750.00	
67	S	203016	EROSION CONTROL (TYPE D)	SQFT	53,856	0.25	13,464.00	
68		208000	IRRIGATION SYSTEM	LS	1	50,000.00	50,000.00	
69	S-P	074020	WATER POLLUTION CONTROL	LS	1	585,000.00	585,000.00	
70	S	861502	MODIFY SIGNAL [BLUFF STREET]	LS	1	140,000.00	140,000.00	
71	S	000003	SIGNING AND STRIPING	LS	1	40,000.00	40,000.00	
72	F	000003	TEMPORARY HOT MIX ASPHALT TYPE A, FOR STAGED CONSTRUCTION	TON	1,948	78.00	151,944.00	
73		833080	CONCRETE BARRIER (TYPE K) [PORTABLE]	LF	9,700	9.00	87,300.00	
74	F	000003	TEMPORARY AGGREGATE BASE CLASS 2 FOR STAGE CONSTRUCTION	CY	300	62.00	18,600.00	
75	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	90,000.00	90,000.00	
76		000003	TEMPORARY SHORING	LS	1	1,200,000.00	1,200,000.00	
77		070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	2,500.00	2,500.00	
78		000003	COURSE OF CONSTRUCTION INSURANCE	LS	1	330,000.00	330,000.00	
79		170101	DEVELOP WATER SUPPLY	LS	1	40,000.00	40,000.00	
80		066105	RESIDENT ENGINEERS OFFICE	LS	1	125,000.00	125,000.00	
81		000003	REMOVING EXISTING 2 TO 4 TON BOULDERS	FA	1	100,000.00	100,000.00	
82	F	192008	STRUCTURE EXCAVATION (TYPE A)	CY	4,415	150.00	662,250.00	
83	F	192020	STRUCTURE EXCAVATION (TYPE D)	CY	1,535	20.00	30,700.00	
84	F	193003	STRUCTURE BACKFILL (BRIDGE)	CY	2,900	45.00	130,500.00	
85		490538	FURNISH STEEL PILING (HP 14 X 117)	LF	18,960	85.00	1,611,600.00	
86	S	490539	DRIVE STEEL PILE (HP 14 X 117)	EA	336	1,200.00	403,200.00	
87	S	490609	60" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	1,675	585.00	979,875.00	
88	F	510053	STRUCTURAL CONCRETE, BRIDGE	CY	9,800	533.00	5,223,400.00	
89	F	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	1,090	400.00	436,000.00	
90	F	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	182	850.00	154,700.00	
91		510000	SEAL COURSE CONCRETE	CY	414	550.00	227,700.00	
92	S-P	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	650,000.00	650,000.00	
93	P-F-S	520102	BAR REINFORCING STEEL (BRIDGE)	LBS	4,109,559	0.80	3,287,647.20	
94	S-P	518051	PTFE SPHERICAL BEARING	EA	7	5,000.00	35,000.00	
95	S-P	519095	JOINT SEAL ASSEMBLY (MR=4")	LF	157	600.00	94,200.00	
96	S-P	519089	JOINT SEAL ASSEMBLY [MR=6" TO 9"]	LF	79	1,000.00	79,000.00	
97	F	511035	ARCHITECTURAL TREATMENT	SQFT	58,680	5.00	293,400.00	
98			DELETED BY ADDENDUM			0.00	0.00	
99		703450	WELDED STEEL PIPE CASING [16"]	LF	34	176.00	5,984.00	
100		703460	WELDED STEEL PIPE CASING [24"]	LF	70	230.00	16,100.00	
101	P-F-S	750501	MISCELLANEOUS METAL (BRIDGE)	LBS	28,497	4.00	113,988.00	
102	P-F-S	750498	MISCELLANEOUS METAL (RESTRAINER-CABLE TYPE)	LBS	3,219	7.00	22,533.00	
103	P-F-S	750505	BRIDGE DECK DRAINAGE SYSTEM	LBS	19,660	7.00	137,620.00	
104	F	833070	CONCRETE RAILING [PARAPET]	LF	1,260	140.00	176,400.00	
105	F	839714	CONCRETE BARRIER (TYPE 80)	LF	2,500	190.00	475,000.00	
106	P-F-S	833000	METAL RAILING [TYPE A]	LF	2,500	118.00	295,000.00	
107	P-F-S	833000	METAL RAILING [TYPE B]	LF	1,260	200.00	252,000.00	
108	P-S	000003	BRIDGE LIGHTING	LS	1	468,000.00	468,000.00	
109		999990	MOBILIZATION	LS	1	2,790,000.00	2,790,000.00	
110		019901	DE-MOBILIZATION	LS	1	2,100,000.00	2,100,000.00	
111		157550	BRIDGE REMOVAL	LS	1	168,000.00	168,000.00	
112		066102	DUST ABATEMENT	LS	1	20,000.00	20,000.00	
113.A		066015	FEDERAL TRAINEE PROGRAM	FA	1	40,600.00	40,600.00	
113.B		000003	BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL]	CY	180,000	3.50	630,000.00	
			SUBTOTAL (BASE BID)			3.50	630,000.00	
			ITEMS 1-113.B				36,787,437.20	

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

| FCI CONSTRUCTORS, INC.

FCI CONSTRUCTORS, INC. 1770 La Costa Meadows Drive San Marcos, CA 92078

Updated: 10/23/2008

ALTERNATE "A" (3-20" POTABLE WATER LINES; WESTERN MUNICIPAL WATER DISTRICT)

ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
114		999990	MOBILIZATION/DEMOBILIZATION	LS	1	22,000.00	22,000.00
115	S-P	000003	FURNISH AND INSTALL 20-INCH DIA. CML & EPOXY COATED, C-200, 0.25" WALL THICKNESS, STEEL WATER PIPELINE INCLUDING FULLY WELDED JOINTS DOUBLE PASS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	3,606	175.00	631,050.00
116	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL BLIND FLANGE	EA	6	1,700.00	10,200.00
117	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL 11.250 ELBOW	EA	12	1,000.00	12,000.00
118	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EXCAVATION, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 20-INCH DIA. STEEL PIPING FOR EACH PIPELINE FROM BRIDGE ABUTMENT TO BLIND FLANGE (INCLUDING FULLY WELDED JOINTS DOUBLE PASS, CONCRETE ENCASEMENT, SLIP ON FLANGES, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR; EXCLUDING ELBOWS), AND EXPANSION JOINTS, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN AND 4-INCH PVC DRAIN PIPE	EA	2	38,000.00	76,000.00
119	S-P	000003	UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, AREA DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	48	60.00	2,880.00
120	S-P	0000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	3,700.00	7,400.00
121	S-P	000003	ROLLER PIPE SUPPORT PER PLANS AND SPECIFICATIONS (W/U-BOLT) INCLUDING BASE PLATES, SHIMMING, GROUTING, WELDING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	360	1,465.00	527,400.00
122	S-P	000003	MIDSPAN FIXED PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, SHIMMING, GROUTING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	3	1,020.00	3,060.00
123	S-P	000003	2" AIR RELEASE/AIR VACUUM VALVE ASSEMBLY PER PLANS	EA	3	1,211.00	3,633.00
124	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	1,500.00	1,500.00
			PROJECT SUBTOTAL, ALTERNATE "A"				
			ITEMS 114-124				1,297,123.00

		•	ORCE MAIN SEWER IMPROVEMENT; COUNTY REGIONAL WASTEWATER AUTHORITY)			FCI CONSTRUCTORS, INC. 1770 La Costa Meadows Drive San Marcos, CA 92078			
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE		
125		999990	MOBILIZATION/DEMOBILIZATION	LS	1	37,000.00	37,000.00		
126	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 52, CML, TR-FLEX, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING BUILT-IN JOINT RESTRAINTS AND PRESSURE TESTING, FROM BRIDGE ABUTMENT TO BRIDGE ABUTMENT, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	1,200	310.00	372,000.00		
127	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 50, CML, TYTON PUSH-ON JOINTS, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING RESTRAINTS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE; EXCLUDING PIPE LENGTHS SPECIFICALLY CALLED OUT IN OTHER BID ITEMS	LF	2,190	145.00	317,550.00		
128	S-P	000003	30-INCH DIA. DUCTILE IRON 450 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	1	8,000.00	8,000.00		
129	S-P	000003	30-INCH DIA. DUCTILE IRON 22.50 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	4	7,400.00	29,600.00		
130	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EARTHWORK, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 30-INCH DUCTILE IRON PIPING FROM BRIDGE ABUTMENT TO JOINT WITH 22.50 VERTICAL ELBOW JUST OUTSIDE OF UTILITY VAULT, EXPANSION JOINTS, AND PRESSURE TESTING, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN, 4-INCH PVC DRAIN PIPE, & 22.50 ELBOW	EA	2	27,000.00	54,000.00		
131	S-P	000003	UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	52	42.00	2,184.00		
132		000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	3,600.00	7,200.00		
133	S-P	000003	CONCRETE SADDLE PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, FORMS, U-BOLTS, ANCHORS, FASTENERS, TEMPORARY SUPPORTS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	133	740.00	98,420.00		

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

| FCI CONSTRUCTORS, INC.

1770 La Costa Meadows Drive San Marcos, CA 92078

ALTERNATE "B" (30" FORCE MAIN SEWER IMPROVEMENT; WESTERN RIVERSIDE COUNTY REGIONAL WASTEWATER AUTHORITY) (CONTINUED)

ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
134	S-P	000003	UNDERCROSSING OF PROPOSED STORM DRAINS, INCLUDING ALL PIPING, FITTINGS, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 22.50 ELBOW TO OUTER 22.50 ELBOW (APPROX. STA 8+60.14 TO STA 9+94.76) INCLUDING ELBOWS, COMPLETE AND IN PLACE	EA	1	40,500.00	40,500.00
135	S	000003	14' x 10' RCB CROSSING, INCLUDING ALL PIPING, FITTINGS, STEEL CASING, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 450 ELBOW TO OUTER 450 ELBOW (APPROX. STA 43+39.90 TO STA 43+97.15) INCLUDING ELBOWS, COMPLETE AND IN PLACE	LS	1	45,000.00	45,000.00
136	S-P	000003	2-INCH MANUAL AIR RELEASE VALVE AT BRIDGE MID-SPAN PER PLANS AND SPECIFICATIONS, INCLUDING BALL VALVE, PIPE SERVICE SADDLE, NIPPLES, MANHOLE FRAME AND COVER, AND ALL ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	1	450.00	450.00
137	S	000003	ABANDONMENT OF EXISTING WRCRWA 30-INCH FORCE MAIN, INCLUDING CAPPING, DEWATERING OF SEWAGE, REMOVAL OF PIPING THAT INTERFERES WITH BRIDGE CONSTRUCTION, WASTE DISPOSAL, PERMITS, PAVEMENT SAWCUTTING, REMOVAL AND DISPOSAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, COMPLETE AND IN PLACE	EA	1	20,000.00	20,000.00
138		000003	REMOVE AND DISPOSE OF EXISTING 30-INCH DUCTILE IRON FORCE MAIN FROM APPROXIMATELY STA 8+50 TO STA 10+00	LF	150	52.00	7,800.00
139		000003	CONNECT TO EXISTING 30-INCH FORCE MAIN AT STA 8+50 AND STA 44+65.59, PER THE CONNECTION DETAIL ON THE PLANS, INCLUDING 450 ELBOW	LS	1	120,000.00	120,000.00
140		000003	POTHOLING (INCLUDING TEMPORARY TRAFFIC CONTROL)	EA	10	500.00	5,000.00
141	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	12,000.00	12,000.00
			PROJECT SUBTOTAL, ALTERNATE "B"				
			ITEMS 125-141				1,176,704.00

LTE	RNATI	E "C" (12" R	ECLAIMED WATER LINE; CITY OF NORCO)	FCI CONSTRUCTORS, INC. 1770 La Costa Meadows Drive San Marcos, CA 92078			
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
142		999990	MOBILIZATION	LS	1	4,000.00	4,000.00
143	S	000003	TRENCH SHORING, SHEETING AND BRACING	LS	1	5,000.00	5,000.00
144	S-P		12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, PURPLE POLYETHYLENE ENCASEMENT, ELBOWS, FITTINGS, THRUST BLOCKS, AND ALL OTHER APPURTENANT DEVICES	LF	2,260	60.00	135,600.00
145	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, AND ALL OTHER APPURTENANT DEVICES WITHIN THE BRIDGE	LF	1,200	51.00	61,200.00
146	S-P	000003	6-INCH BLOW-OFF ASSEMBLY WITH DIP (PAINTED PURPLE)	EA	2	3,724.00	7,448.00
147	S-P	000003	2-INCH AIR VALVE ASSEMBLY (PAINTED PURPLE)	EA	1	2,000.00	2,000.00
148	S-P		12-INCH FLEXIBLE EXPANSION JOINT FLEX-TEND AS MANUFACTURED BY EBAA IRON INC. OR APPROVED EQUAL, AND ALL OTHER APPURTENANT WORK FOR 12- INCH RECLAIMED WATERLINE AT BRIDGE UTILTY VAULT	EA	2	12,800.00	25,600.00
149		0000003	RELOCATE FIRE HYDRANT ASSEMBLY, INCLUDING 12-INCH DIP, 12-INCH BUTTERFLY VALVE, AND ALL APPURTENANT DEVICES	EA	1	9,500.00	9,500.00
150		000003	FURNISH AND INSTALL 12-INCH BUTTERFLY VALVE	EA	4	3,900.00	15,600.00
151		000003	FURNISH AND INSTALL PLAIN ROLLER PIPE SUPPORT, INCLUDING U-BOLT STRAP, MANUFACTURED BASE PLATE AND ALL APPURTENANT DEVICES	EA	133	900.00	119,700.00
			PROJECT SUBTOTAL, ALTERNATE "C"				
			ITEMS 142-151				385,648.00
			PROJECT TOTAL (BASE BID, ALT A + ALT B + ALT C)				
			ITEMS 1-151	<u> </u>			39,646,912.20

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS - 5956 (078)

GRIFFITH COMPANY

2020 S. Yale Street

BASE	BID					Santa Ana, CA 92704	Į.
ITEM	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
1		160101	CLEARING AND GRUBBING	LS	1	350,000.00	350,000.00
2	F	190101	ROADWAY EXCAVATION	CY	92,604	5.00	463,020.00
3	F	198001	IMPORTED BORROW	CY	123,255	7.00	862,785.00
4		198200	SUBGRADE ENHANCEMENT FABRIC [PRIMARY EMBANKMENT REINFORCEMENT]	SQYD	106,450	4.90	521,605.00
5		198200	SUBGRADE ENHANCEMENT FABRIC [SECONDARY EMBANKMENT REINFORCEMENT]	SQYD	13,350	2.15	28,702.50
6		150771	REMOVE ASPHALT CONCRETE DIKE	LF	2,250	2.15	4,837.50
7		153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	220	2.00	440.00
8		153215	REMOVE CONCRETE [ROLLED CURB AND GUTTER]	LF	180	2.00	360.00
9		153213	REMOVE CONCRETE [DRAINAGE FACILITIES]	LS	1	100,000.00	100,000.00
10	F	390102	ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT]	TON	22,213	72.00	1,599,336.00
11	F	260201	CLASS 2 AGGREGATE BASE	CY	3,475	44.00	152,900.00
12	F	250301	CLASS 3 AGGREGATE SUBBASE	CY	294	75.00	22,050.00
13	F	401000	CONCRETE PAVEMENT [JOINT PLAIN]	CY	1,251	350.00	437,850.00
14	F	390126	ASPHALT RUBBER HOT MIX [TYPE G]	TON	466	605.00	281,930.00
15		731623	MINOR CONCRETE (CURB RAMP) [CASE A]	EA	4	2,000.00	8,000.00
16	F	731521	MINOR CONCRETE (SIDEWALK)	SQFT	5,856	6.25	36,600.00
17	F	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF	2,919	22.00	64,218.00
18	F	731501	MINOR CONCRETE (CURB)	LF	849	17.50	14,857.50
19		510501	MINOR CONCRETE [DRIVEWAY APPROACH]	EA	1	3,000.00	3,000.00
20	F	731519	MINOR CONCRETE (STAMPED CONCRETE)	SQFT	702	10.50	7,371.00
21		394049	PLACE ASPHALT CONCRETE DIKE (TYPE F)	LF	1,512	5.00	7,560.00
22		394044	PLACE ASPHALT CONCRETE DIKE (TYPE C)	LF	260	5.00	1,300.00
23		394040	PLACE ASPHALT CONCRETE DIKE (TYPE A)	LF	822	5.00	4,110.00
24		650014	18" REINFORCED CONCRETE PIPE [2000 D]	LF	668	100.00	66,800.00
25		650018	24" REINFORCED CONCRETE PIPE [1500 D]	LF	598	90.00	53,820.00
26		650026	36" REINFORCED CONCRETE PIPE [1500 D]	LF	157	255.00	40,035.00
27		650042	60" REINFORCED CONCRETE PIPE [1000 D]	LF	144	335.00	48,240.00
28		650050	72" REINFORCED CONCRETE PIPE [1200 D]	LF	334	375.00	125,250.00
29		665018	18" CORRUGATED STEEL PIPE (10 GAUGE)	LF	60	55.00	3,300.00
30		665025	24" CORRUGATED STEEL PIPE (12 GAUGE)	LF	30	70.00	2,100.00
31		664050	54" CORRUGATED STEEL PIPE (10 GAUGE)	LF	23	210.00	4,830.00
32		705011	18" STEEL FLARED END SECTION	EA	1	500.00	500.00
33		705015	24" STEEL FLARED END SECTION	EA	2	1,000.00	2,000.00
34		000003	MISCELLANEOUS FACILITIES (INLET TYPE X)	EA	1	3,100.00	3,100.00
35	F	510501	MINOR CONCRETE [CONCRETE BULKHEAD]	CY	1	1,350.00	1,350.00
36	F	510501	MINOR CONCRETE [CONCRETE COLLAR]	CY	5	1,500.00	7,500.00
37	F	510501	MINOR CONCRETE [LOCAL DEPRESSION]	CY	16	675.00	10,800.00
38		510502	MINOR CONCRETE (MINOR STRUCTURE) [ENERGY DISSIPATOR]	LS	1	66,000.00	66,000.00
39	F	510050	CLASS 2 CONCRETE [BOX CULVERT AND WINGWALL]	CY	200	1,050.00	210,000.00
40		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=10']	EA	5	4,900.00	24,500.00
41		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=14']	EA	3	5,200.00	15,600.00
42		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=28']	EA	1	8,000.00	8,000.00
43		510502	MINOR CONCRETE (MINOR STRUCTURE) [DRAINAGE INLET TYPE GDO]	EA	14	4,500.00	63,000.00
44		510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 1]	EA	3	6,700.00	20,100.00
45			MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 2]	EA	4	8,800.00	35,200.00
46		510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 4]	EA	2	12,800.00	25,600.00
47	F	510501	MINOR CONCRETE [CONCRETE HEADWALL]	CY	2	1,400.00	2,800.00
48	P-F-S	520101	BAR REINFORCING STEEL [BOX CULVERT AND WINGWALL]	LBS	47,585	1.20	57,102.00
49	F	721008	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	13,901	48.00	667,248.00
50	F	721007	ROCK SLOPE PROTECTION (1/4 TON, METHOD B)	CY	6,705	49.00	328,545.00
51	F		ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	CY	2,540	49.00	124,460.00
52	F	721012	ROCK SLOPE PROTECTION (BACKING NO. 3, METHOD B)	CY	4	50.00	200.00
53	F		CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	1,988	168.00	333,984.00
54	F		SLOPE PAVING (CONCRETE)	CY	48	565.00	27,120.00
55	P-S	490380	SHEET PILING	SQFT	82,610	38.50	3,180,485.00
56		729010	ROCK SLOPE PROTECTION FABRIC	SQYD	25,966	3.40	88,284.40
57		000003	TRAIL FENCING	LF	2,157	24.50	52,846.50
58		000003	PIPE GATE (10', 16')	EA	2	1,900.00	3,800.00
59		832003	METAL BEAM GUARD RAILING (WOOD POST)	LF	1,676	26.50	44,414.00
60		839565	TERMINAL SYSTEM (TYPE SRT) [METAL BEAM]	EA	4	3,000.00	12,000.00
		839541	TRANSITION RAILING (TYPE WB) [METAL BEAM]	EA	4	3,900.00	15,600.00

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

GRIFFITH COMPANY 2020 S. Yale Street Santa Ana, CA 92704

STATES 3837-3 CONCRETE BARREER TYPE 80) ON TERNOH FOOTING LP 2,200 15,500 341,000							2020 S. Yale Street	
September Sept				0.000				
50 64 19962 RAPICLE CONCRETE BARRIER (TYPE BO) (ON TREICH FOOTING)		NO.						
150744 REMOVE ROADSIDES SIGN WOOD POSTY			ļ				,	8,000.00
		F	ļ					341,000.00
				, ,				1,040.00
For S						,		10,240.00
8				,				13,500.00
68 SP 074000 WATER POLITION CONTROL. I.S. 1 7,500.00 7,500.00		S		, ,				5,385.60
10 S 861502 MODIFY SIGNAL BULFF STREET]							·	25,000.00
17 S								75,000.00
Temporary Temp	70			·			·	145,000.00
833898 CONCRETE BARRIER (TYPE N) IPORTABLE]	71	S	000003		LS	1	22,000.00	22,000.00
TEMPORARY AGREGATE BASE CLASS 2 FOR STAGE CONSTRUCTION	72	F	000003	TEMPORARY HOT MIX ASPHALT TYPE A, FOR STAGED CONSTRUCTION		1,948	110.00	214,280.00
75 S 121100 TRAFFIC CONTROL SYSTEM	73		833080	` /-		9,700	13.00	126,100.00
TEMPORARY SHORING	74	F	000003	TEMPORARY AGGREGATE BASE CLASS 2 FOR STAGE CONSTRUCTION	CY	300	60.00	18,000.00
77	75	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	400,000.00	400,000.00
18	76		000003	TEMPORARY SHORING		1	300,000.00	300,000.00
179	77		070012	, ,	LS	1	6,500.00	6,500.00
80	78		000003	COURSE OF CONSTRUCTION INSURANCE	LS	1	340,000.00	340,000.00
BI	79		170101	DEVELOP WATER SUPPLY	LS	1	50,000.00	50,000.00
F 192008 STRUCTURE EXCAVATION (TYPE A) CY 4,416 360.00 1,589.406 381 F 19202 STRUCTURE EXCAVATION (TYPE D) CY 1,535 3.25 14,198 F 193003 STRUCTURE BACKPILL (BRIDGE) CY 2,900 75.00 2217.500 3217.50	80		066105	RESIDENT ENGINEERS OFFICE	LS	1	75,000.00	75,000.00
83 F 192020 STRUCTURE EXCAVATION (TYPE D)	81		000003	REMOVING EXISTING 2 TO 4 TON BOULDERS	FA	1	100,000.00	100,000.00
84 F 193033 STRUCTURE BACKFILL (BRIDGE)	82	F	192008	STRUCTURE EXCAVATION (TYPE A)	CY	4,415	360.00	1,589,400.00
85	83	F	192020	STRUCTURE EXCAVATION (TYPE D)	CY	1,535	9.25	14,198.75
86 S 490539 DRIVE STEEL PILE (HP 14 X 117)	84	F	193003	STRUCTURE BACKFILL (BRIDGE)	CY	2,900	75.00	217,500.00
87 S	85		490538	FURNISH STEEL PILING (HP 14 X 117)	LF	18,960	80.00	1,516,800.00
88 F 510053 STRUCTURAL CONCRETE, BRIDGE CY 9,800 572.00 5,605,605,605,605,605,605,605,605,605,60	86	S	490539	DRIVE STEEL PILE (HP 14 X 117)	EA	336	900.00	302,400.00
89 F 510051 STRUCTURAL CONCRETE, BRIDGE FOOTING CY 1,090 375.00 408.750 90 F 510066 STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N) CY 182 765.00 139.230 13	87	S	490609	60" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	1,675	790.00	1,323,250.00
90 F 510066 STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N) CY 182 765.00 139.200 91	88	F	510053	STRUCTURAL CONCRETE, BRIDGE	CY	9,800	572.00	5,605,600.00
91	89	F	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	1,090	375.00	408,750.00
92 S-P 500001 PRESTRESSING CAST-IN-PLACE CONCRETE	90	F	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	182	765.00	139,230.00
93 P.F.S 520102 BAR REINFORCING STEEL (BRIDGE) LBS 4,109,559 0.90 3,688,603 94 S.P. 518051 PTE SPHERICAL BEARING EA 7 3,200.00 22,400 95 S.P. 519095 JOINT SEAL ASSEMBLY (MR=4") LF 157 295.00 46,315 96 S.P. 519098 JOINT SEAL ASSEMBLY (MR=6"TO 9"] LF 79 785.00 62,016 97 F. 511035 ARCHITECTURAL TREATMENT SQFT 58,680 6.50 381,420 98 DELETED BY ADDENDUM 99 703450 WELDED STEEL PIPE CASING [16"] LF 34 370.00 12,580 100 703460 WELDED STEEL PIPE CASING [24"] LF 70 225.00 15,750 101 P.F.S 750501 MISCELLANEOUS METAL (BRIDGE) LBS 28,497 2,70 76,941 102 P.F.S 750498 MISCELLANEOUS METAL (BRIDGE) LBS 3,219 10,75 34,604 103 P.F.S 750505 BRIDGE DECK DRAINAGE SYSTEM LBS 19,660 6,20 121,892 104 F 833070 CONCRETE RAINING [YPE 80) LF 2,500 150.00 375,000 106 P.F.S 833000 METAL RAILING [TYPE 80) LF 2,500 150.00 375,000 107 P.F.S 833000 METAL RAILING [TYPE 8] LF 2,500 160.00 400,000 107 P.F.S 833000 METAL RAILING [TYPE 8] LF 1,260 295.00 371,700 108 P.S 000003 BRIDGE LEIGHTING LS 1 470,000.00 470,000 109 99999 MOBILIZATION LS 1 2,100,000.00 2,100,000 110 0 19991 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000 111 157550 BRIDGE REMOVAL LS 1 50,000.00 50,000 111 0 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,600 111 0 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,600 111 0 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 2,500 111 0 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 2,500 111 0 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 2,500 111 0 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 2,500 113 0 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2,500 450,000 113 0 000003 BRIDGE PROTECTION [SAND AND DEB	91		510000	SEAL COURSE CONCRETE	CY	414	560.00	231,840.00
S-P 518051 PTFE SPHERICAL BEARING EA 7 3,200.00 22,400	92	S-P	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	790,000.00	790,000.00
95 S-P 519095 JOINT SEAL ASSEMBLY (MR=4") LF 157 295.00 46,315 96 S-P 519099 JOINT SEAL ASSEMBLY (MR=6" TO 9") LF 79 785.00 62,015 97 F 511035 ARCHITECTURAL TREATMENT SQFT 58,680 6.50 331,420 98	93	P-F-S	520102	BAR REINFORCING STEEL (BRIDGE)	LBS	4,109,559	0.90	3,698,603.10
S-P 519089 JOINT SEAL ASSEMBLY [MR=6"TO 9"]	94	S-P	518051	PTFE SPHERICAL BEARING	EA	7	3,200.00	22,400.00
97 F 511035 ARCHITECTURAL TREATMENT SQFT 58,680 6.50 381,42C 98	95	S-P	519095	JOINT SEAL ASSEMBLY (MR=4")	LF	157	295.00	46,315.00
98 DELETED BY ADDENDUM 0.00 CO 99	96	S-P	519089	JOINT SEAL ASSEMBLY [MR=6" TO 9"]	LF	79	785.00	62,015.00
99	97	F	511035	ARCHITECTURAL TREATMENT	SQFT	58,680	6.50	381,420.00
100	98			DELETED BY ADDENDUM			0.00	0.00
101 P.F.S 750501 MISCELLANEOUS METAL (BRIDGE) LBS 28,497 2.70 76,941	99		703450	WELDED STEEL PIPE CASING [16"]	LF	34	370.00	12,580.00
102 P-F-S 750498 MISCELLANEOUS METAL (RESTRAINER-CABLE TYPE) LBS 3,219 10.75 34,604 103 P-F-S 750505 BRIDGE DECK DRAINAGE SYSTEM LBS 19,660 6.20 121,892 104 F 833070 CONCRETE RAILING [PARAPET] LF 1,260 113.00 142,380 105 F 839714 CONCRETE BARRIER (TYPE 80) LF 2,500 150.00 375,000 106 P-F-S 833000 METAL RAILING [TYPE A] LF 2,500 160.00 400,000 107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 295.00 371,700 108 P-S 000003 BRIDGE LIGHTING LS 1 470,000.00 470,000 109 999990 MOBILIZATION LS 1 3,560,000.00 3,560,000 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000 111 157550 BRIDGE REMOVAL LS 1 200,000.00 200,000 112 066102 DUST ABATEMENT LS 1 50,000.00 50,000 113.8 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2.50 450,000 SUBTOTAL (BASE BID)	100		703460	WELDED STEEL PIPE CASING [24"]	LF	70	225.00	15,750.00
103 P-F-S 750505 BRIDGE DECK DRAINAGE SYSTEM LBS 19,660 6.20 121,892 104 F 833070 CONCRETE RAILING [PARAPET] LF 1,260 113.00 142,380 105 F 839714 CONCRETE BARRIER (TYPE 80) LF 2,500 150.00 375,000 106 P-F-S 833000 METAL RAILING [TYPE A] LF 2,500 160.00 400,000 107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 295.00 371,700 108 P-S 000003 BRIDGE LIGHTING LS 1 470,000.00 470,000 109 999990 MOBILIZATION LS 1 3,560,000.00 3,560,000 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000 111 157550 BRIDGE REMOVAL LS 1 200,000.00 200,000 113.A 066102 DUST ABATEMENT LS 1 40,600.00 <	101	P-F-S	750501	MISCELLANEOUS METAL (BRIDGE)	LBS	28,497	2.70	76,941.90
104 F 833070 CONCRETE RAILING [PARAPET] LF 1,260 113.00 142,380 105 F 839714 CONCRETE BARRIER (TYPE 80) LF 2,500 150.00 375,000 106 P-F-S 833000 METAL RAILING [TYPE A] LF 2,500 160.00 400,000 107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 295.00 371,700 108 P-S 000003 BRIDGE LIGHTING LS 1 470,000.00 470,000 109 999990 MOBILIZATION LS 1 3,560,000.00 3,560,000 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000 111 157550 BRIDGE REMOVAL LS 1 200,000.00 200,000 113.A 066012 DUST ABATEMENT LS 1 40,600.00 40,600.00 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2.50	102	P-F-S	750498	MISCELLANEOUS METAL (RESTRAINER-CABLE TYPE)	LBS	3,219	10.75	34,604.25
105 F 839714 CONCRETE BARRIER (TYPE 80) LF 2,500 150.00 375,000 106 P-F-S 833000 METAL RAILING [TYPE A] LF 2,500 160.00 400,000 107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 295.00 371,700 108 P-S 000003 BRIDGE LIGHTING LS 1 470,000.00 470,000 109 999990 MOBILIZATION LS 1 3,560,000.00 3,560,000 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000 111 157550 BRIDGE REMOVAL LS 1 200,000.00 200,000 112 066102 DUST ABATEMENT LS 1 40,600.00 40,600 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2.50 450,000	103	P-F-S	750505	BRIDGE DECK DRAINAGE SYSTEM	LBS	19,660	6.20	121,892.00
106 P-F-S 833000 METAL RAILING [TYPE A] LF 2,500 160.00 400,000 107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 295.00 371,700 108 P-S 000003 BRIDGE LIGHTING LS 1 470,000.00 470,000 109 999990 MOBILIZATION LS 1 3,560,000.00 3,560,000 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000 111 157550 BRIDGE REMOVAL LS 1 200,000.00 200,000 112 066102 DUST ABATEMENT LS 1 50,000.00 50,000 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2.50 450,000	104	F	833070	CONCRETE RAILING [PARAPET]	LF	1,260	113.00	142,380.00
106 P-F-S 833000 METAL RAILING [TYPE A] LF 2,500 160.00 400,000 107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 295.00 371,700 108 P-S 000003 BRIDGE LIGHTING LS 1 470,000.00 470,000 109 999990 MOBILIZATION LS 1 3,560,000.00 3,560,000 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000 111 157550 BRIDGE REMOVAL LS 1 200,000.00 200,000 112 066102 DUST ABATEMENT LS 1 50,000.00 50,000 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2.50 450,000	105	F	839714	CONCRETE BARRIER (TYPE 80)	LF	2,500	150.00	375,000.00
107 P-F-S 833000 METAL RAILING [TYPE B] LF 1,260 295.00 371,700 108 P-S 000003 BRIDGE LIGHTING LS 1 470,000.00 470,000 109 99990 MOBILIZATION LS 1 3,560,000.00 3,560,000 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000 111 157550 BRIDGE REMOVAL LS 1 200,000.00 200,000 112 066102 DUST ABATEMENT LS 1 50,000.00 50,000 113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,600 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2.50 450,000		P-F-S		METAL RAILING [TYPE A]	LF			400,000.00
108 P-S 000003 BRIDGE LIGHTING LS 1 470,000.00 470,000.00 109 999990 MOBILIZATION LS 1 3,560,000.00 3,560,000.00 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000.00 111 157550 BRIDGE REMOVAL LS 1 200,000.00 200,000.00 112 066102 DUST ABATEMENT LS 1 50,000.00 50,000.00 113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,600.00 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2.50 450,000.00	107	P-F-S	833000		LF	1,260		371,700.00
109 999990 MOBILIZATION LS 1 3,560,000.00 3,560,000.00 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000.00 111 157550 BRIDGE REMOVAL LS 1 200,000.00 200,000.00 112 066102 DUST ABATEMENT LS 1 50,000.00 50,000.00 113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,600.00 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2.50 450,000.00		P-S	ļ		LS			470,000.00
110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000 111 157550 BRIDGE REMOVAL LS 1 200,000.00 200,000 112 066102 DUST ABATEMENT LS 1 50,000.00 50,000 113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,600 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2.50 450,000 SUBTOTAL (BASE BID) SUBTOTAL (BASE BID) CY 180,000 2.50 450,000				MOBILIZATION		1	·	3,560,000.00
111 157550 BRIDGE REMOVAL LS 1 200,000.00 200,000 112 066102 DUST ABATEMENT LS 1 50,000.00 50,000 113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,600 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2.50 450,000 SUBTOTAL (BASE BID) SUBTOTAL (BASE BID) CY 180,000 2.50 450,000			ļ			1		2,100,000.00
112 066102 DUST ABATEMENT LS 1 50,000.00 50,000 113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,600 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2.50 450,000 SUBTOTAL (BASE BID)						1		200,000.00
113.A 066015 FEDERAL TRAINEE PROGRAM FA 1 40,600.00 40,600 113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2.50 450,000 SUBTOTAL (BASE BID) CY 180,000 2.50 450,000			-				,	50,000.00
113.B 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180,000 2.50 450,000 SUBTOTAL (BASE BID)							,	40,600.00
SUBTOTAL (BASE BID)	113.B		000003	BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL]	CY	180,000	,	
				SUBTOTAL (BASE BID)			2.50	450,000.00
			<u> </u>	ITEMS 1-113.B				37,796,562.00

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

GRIFFITH COMPANY 2020 S. Yale Street Santa Ana, CA 92704

ALTERNATE "A" (3-20" POTABLE WATER LINES; WESTERN MUNICIPAL WATER DISTRICT)

ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
114		999990	MOBILIZATION/DEMOBILIZATION	LS	1	5,000.00	5,000.00
115	S-P	000003	FURNISH AND INSTALL 20-INCH DIA. CML & EPOXY COATED, C-200, 0.25" WALL THICKNESS, STEEL WATER PIPELINE INCLUDING FULLY WELDED JOINTS DOUBLE PASS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	3,606	151.00	544,506.00
116	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL BLIND FLANGE	EA	6	1,350.00	8,100.00
117	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL 11.250 ELBOW	EA	12	700.00	8,400.00
118	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EXCAVATION, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 20-INCH DIA. STEEL PIPING FOR EACH PIPELINE FROM BRIDGE ABUTMENT TO BLIND FLANGE (INCLUDING FULLY WELDED JOINTS DOUBLE PASS, CONCRETE ENCASEMENT, SLIP ON FLANGES, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR; EXCLUDING ELBOWS), AND EXPANSION JOINTS, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN AND 4-INCH PVC DRAIN PIPE	EA	2	145,000.00	290,000.00
119	S-P	000003	UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, AREA DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	48	110.00	5,280.00
120	S-P	1 000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	3,300.00	6,600.00
121	S-P	000003	ROLLER PIPE SUPPORT PER PLANS AND SPECIFICATIONS (W/U-BOLT) INCLUDING BASE PLATES, SHIMMING, GROUTING, WELDING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	360	1,050.00	378,000.00
122	S-P	000003	MIDSPAN FIXED PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, SHIMMING, GROUTING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	3	6,100.00	18,300.00
123	S-P	000003	2" AIR RELEASE/AIR VACUUM VALVE ASSEMBLY PER PLANS	EA	3	1,600.00	4,800.00
124	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	5,000.00	5,000.00
			PROJECT SUBTOTAL, ALTERNATE "A"				
			ITEMS 114-124				1,273,986.00

			ORCE MAIN SEWER IMPROVEMENT; COUNTY REGIONAL WASTEWATER AUTHORITY)			GRIFFITH COMPANY 2020 S. Yale Street Santa Ana, CA 92704			
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE		
125		999990	MOBILIZATION/DEMOBILIZATION	LS	1	10,000.00	10,000.00		
126	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 52, CML, TR-FLEX, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING BUILT-IN JOINT RESTRAINTS AND PRESSURE TESTING, FROM BRIDGE ABUTMENT TO BRIDGE ABUTMENT, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	1,200	212.00	254,400.00		
127	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 50, CML, TYTON PUSH-ON JOINTS, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING RESTRAINTS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE; EXCLUDING PIPE LENGTHS SPECIFICALLY CALLED OUT IN OTHER BID ITEMS	LF	2,190	156.00	341,640.00		
128	S-P	000003	30-INCH DIA. DUCTILE IRON 450 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	1	4,000.00	4,000.00		
129	S-P	000003	30-INCH DIA. DUCTILE IRON 22.50 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	4	4,000.00	16,000.00		
130	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EARTHWORK, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 30-INCH DUCTILE IRON PIPING FROM BRIDGE ABUTMENT TO JOINT WITH 22.50 VERTICAL ELBOW JUST OUTSIDE OF UTILITY VAULT, EXPANSION JOINTS, AND PRESSURE TESTING, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN, 4-INCH PVC DRAIN PIPE, & 22.50 ELBOW	EA	2	82,000.00	164,000.00		
131	S-P	000003	UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	52	53.00	2,756.00		
132		000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	3,200.00	6,400.00		
133	S-P	000003	CONCRETE SADDLE PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, FORMS, U-BOLTS, ANCHORS, FASTENERS, TEMPORARY SUPPORTS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	133	1,550.00	206,150.00		

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008

COMPLETE AND IN PLACE

TRAFFIC CONTROL SYSTEM

ITEMS 125-141

APPROXIMATELY STA 8+50 TO STA 10+00

PROJECT SUBTOTAL, ALTERNATE "B"

137

138

139

140

141

S

S

000003

000003

000003

000003

120100

PROJECT:

EΑ

LF

LS

EΑ

LS

150

1

10

1

River Road Bridge Replacement Project Project No. A7-0298, BRLS - 5956 (078)

GRIFFITH COMPANY 2020 S. Yale Street

145,000.00

25,000.00

870.00

5,000.00

55.00

145,000.00

8,250.00

25,000.00

8,700.00

5,000.00

1,320,396.00

ALTERNATE "B" (30" FORCE MAIN SEWER IMPROVEMENT; WESTERN RIVERSIDE COUNTY REGIONAL WASTEWATER AUTHORITY) (CONTINUED) Santa Ana, CA 92704 ITEM NO. ITEM CODE CONTRACT ITEM UNITS QUANTITY **BID UNIT PRICE BID ESTIMATE** UNDERCROSSING OF PROPOSED STORM DRAINS, INCLUDING ALL PIPING, FITTINGS, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, S-P 000003 EΑ 57.000.00 134 57,000.00 PER PLANS AND SPECIFICATIONS, FROM OUTER 22.50 ELBOW TO OUTER 22.50 ELBOW (APPROX. STA 8+60.14 TO STA 9+94.76) INCLUDING ELBOWS, COMPLETE AND IN PLACE 14' x 10' RCB CROSSING, INCLUDING ALL PIPING, FITTINGS, STEEL CASING, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER 135 s 000003 LS 65,000.00 65,000.00 PLANS AND SPECIFICATIONS, FROM OUTER 450 ELBOW TO OUTER 450 ELBOW (APPROX. STA 43+39.90 TO STA 43+97.15) INCLUDING ELBOWS, COMPLETE AND IN PLACE 2-INCH MANUAL AIR RELEASE VALVE AT BRIDGE MID-SPAN PER PLANS AND SPECIFICATIONS, INCLUDING BALL VALVE, PIPE SERVICE SADDLE, NIPPLES, S-P 136 000003 EΑ 1,100.00 1,100.00 1 MANHOLE FRAME AND COVER, AND ALL ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE ABANDONMENT OF EXISTING WRCRWA 30-INCH FORCE MAIN, INCLUDING CAPPING,

DEWATERING OF SEWAGE, REMOVAL OF PIPING THAT INTERFERES WITH BRIDGE

CONSTRUCTION, WASTE DISPOSAL, PERMITS, PAVEMENT SAWCUTTING, REMOVAL

AND DISPOSAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION,

REMOVE AND DISPOSE OF EXISTING 30-INCH DUCTILE IRON FORCE MAIN FROM

CONNECT TO EXISTING 30-INCH FORCE MAIN AT STA 8+50 AND STA 44+65.59, PER

THE CONNECTION DETAIL ON THE PLANS, INCLUDING 450 ELBOW

POTHOLING (INCLUDING TEMPORARY TRAFFIC CONTROL)

LTE	TERNATE "C" (12" RECLAIMED WATER LINE; CITY OF NORCO)						Y
		1		1		Santa Ana, CA 9270	
ITEM	NO.	ITEM CODE			QUANTITY		BID ESTIMATE
142		999990	MOBILIZATION	LS	1	10,000.00	10,000.00
143	S	000003	TRENCH SHORING, SHEETING AND BRACING	LS	1	1,500.00	1,500.00
144	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, PURPLE POLYETHYLENE ENCASEMENT, ELBOWS, FITTINGS, THRUST BLOCKS, AND ALL OTHER APPURTENANT DEVICES	LF	2,260	75.00	169,500.00
145	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, AND ALL OTHER APPURTENANT DEVICES WITHIN THE BRIDGE	LF	1,200	68.00	81,600.00
146	S-P	000003	6-INCH BLOW-OFF ASSEMBLY WITH DIP (PAINTED PURPLE)	EA	2	3,500.00	7,000.0
147	S-P	000003	2-INCH AIR VALVE ASSEMBLY (PAINTED PURPLE)	EA	1	2,700.00	2,700.0
148	S-P	000003	12-INCH FLEXIBLE EXPANSION JOINT FLEX-TEND AS MANUFACTURED BY EBAA IRON INC. OR APPROVED EQUAL, AND ALL OTHER APPURTENANT WORK FOR 12- INCH RECLAIMED WATERLINE AT BRIDGE UTILTY VAULT	EA	2	12,000.00	24,000.0
149		000003	RELOCATE FIRE HYDRANT ASSEMBLY, INCLUDING 12-INCH DIP, 12-INCH BUTTERFLY VALVE, AND ALL APPURTENANT DEVICES	EA	1	3,700.00	3,700.0
150		000003	FURNISH AND INSTALL 12-INCH BUTTERFLY VALVE	EA	4	2,300.00	9,200.0
151		000003	FURNISH AND INSTALL PLAIN ROLLER PIPE SUPPORT, INCLUDING U-BOLT STRAP, MANUFACTURED BASE PLATE AND ALL APPURTENANT DEVICES	EA	133	800.00	106,400.0
			PROJECT SUBTOTAL, ALTERNATE "C"				
			ITEMS 142-151				415,600.0
		•		•			
			PROJECT TOTAL (BASE BID, ALT A + ALT B + ALT C)				
			ITEMS 1-151				40,806,544.00

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PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

Brutoco Engineering & Construction, Inc. P.O. Box 310189
Fontana, CA 92331

						P.O. Box 310189	
BASE		1				Fontana, CA 92331	
ITEM	NO.	ITEM CODE		_	QUANTITY	BID UNIT PRICE	BID ESTIMATE
1			CLEARING AND GRUBBING	LS	1	350,000.00	350,000.00
2	F	190101	ROADWAY EXCAVATION	CY	92,604	13.00	1,203,852.00
3	F		IMPORTED BORROW	CY	123,255	5.00	616,275.00
4		198200	SUBGRADE ENHANCEMENT FABRIC [PRIMARY EMBANKMENT REINFORCEMENT]	SQYD	106,450	5.30	564,185.00
5		198200	SUBGRADE ENHANCEMENT FABRIC [SECONDARY EMBANKMENT REINFORCEMENT]	SQYD	13,350	3.30	44,055.00
6		150771	REMOVE ASPHALT CONCRETE DIKE	LF	2,250	1.00	2,250.00
7		153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	220	6.00	1,320.00
8		153215	REMOVE CONCRETE [ROLLED CURB AND GUTTER]	LF	180	6.50	1,170.00
9		153213	REMOVE CONCRETE [DRAINAGE FACILITIES]	LS	1	55,000.00	55,000.00
10	F	390102	ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT]	TON	22,213	78.00	1,732,614.00
11	F	260201	CLASS 2 AGGREGATE BASE	CY	3,475	42.00	145,950.00
12	F	250301	CLASS 3 AGGREGATE SUBBASE	CY	294	42.00	12,348.00
13	F	401000	CONCRETE PAVEMENT [JOINT PLAIN]	CY	1,251	250.00	312,750.00
14	F	390126	ASPHALT RUBBER HOT MIX [TYPE G]	TON	466	150.00	69,900.00
15		731623	MINOR CONCRETE (CURB RAMP) [CASE A]	EA	4	2,900.00	11,600.00
16	F		MINOR CONCRETE (SIDEWALK)	SQFT	5,856	4.50	26,352.00
17	F		MINOR CONCRETE (CURB AND GUTTER) (CRS 200)	LF	2,919	20.00	58,380.00
18	F		MINOR CONCRETE (CURB)	LF	849	15.50	13,159.50
19			MINOR CONCRETE [DRIVEWAY APPROACH]	EA	1	3,400.00	3,400.00
20	F		MINOR CONCRETE (STAMPED CONCRETE)	SQFT	702	9.50	6,669.00
21	•		PLACE ASPHALT CONCRETE DIKE (TYPE F)	LF	1,512	1.50	2,268.00
22			PLACE ASPHALT CONCRETE DIKE (TYPE C)	LF	260	1.50	390.00
23			PLACE ASPHALT CONCRETE DIKE (TYPE A)	LF	822	1.50	1,233.00
24			18" REINFORCED CONCRETE PIPE [2000 D]	LF	668	82.00	54,776.00
25				LF	598		
			24" REINFORCED CONCRETE PIPE [1500 D]	LF	157	96.00	57,408.00
26			36" REINFORCED CONCRETE PIPE [1500 D]			178.00	27,946.00
27			60" REINFORCED CONCRETE PIPE [1000 D]	LF	144	300.00	43,200.00
28			72" REINFORCED CONCRETE PIPE [1200 D]	LF	334	265.00	88,510.00
29			18" CORRUGATED STEEL PIPE (10 GAUGE)	LF	60	190.00	11,400.00
30			24" CORRUGATED STEEL PIPE (12 GAUGE)	LF	30	230.00	6,900.00
31			54" CORRUGATED STEEL PIPE (10 GAUGE)	LF	23	245.00	5,635.00
32			18" STEEL FLARED END SECTION	EA	1	210.00	210.00
33			24" STEEL FLARED END SECTION	EA	2	330.00	660.00
34			MISCELLANEOUS FACILITIES (INLET TYPE X)	EA	1	5,000.00	5,000.00
35	F		MINOR CONCRETE [CONCRETE BULKHEAD]	CY	1	1,000.00	1,000.00
36	F		MINOR CONCRETE [CONCRETE COLLAR]	CY	5	2,100.00	10,500.00
37	F		MINOR CONCRETE [LOCAL DEPRESSION]	CY	16	450.00	7,200.00
38			MINOR CONCRETE (MINOR STRUCTURE) [ENERGY DISSIPATOR]	LS	1	60,000.00	60,000.00
39	F		CLASS 2 CONCRETE [BOX CULVERT AND WINGWALL]	CY	200	900.00	180,000.00
40			MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=10']	EA	5	11,000.00	55,000.00
41		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=14']	EA	3	14,000.00	42,000.00
42		510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=28']	EA	1	28,000.00	28,000.00
43			MINOR CONCRETE (MINOR STRUCTURE) [DRAINAGE INLET TYPE GDO]	EA	14	6,000.00	84,000.00
44			MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 1]	EA	3	10,000.00	30,000.00
45			MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 2]	EA	4	9,200.00	36,800.00
46		510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 4]	EA	2	12,800.00	25,600.00
47	F	510501	MINOR CONCRETE [CONCRETE HEADWALL]	CY	2	2,200.00	4,400.00
48 I	P-F-S	520101	BAR REINFORCING STEEL [BOX CULVERT AND WINGWALL]	LBS	47,585	0.90	42,826.50
49	F	721008	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	13,901	53.00	736,753.00
50	F	721007	ROCK SLOPE PROTECTION (1/4 TON, METHOD B)	CY	6,705	44.00	295,020.00
51	F	721011	ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	CY	2,540	50.00	127,000.00
52	F	721012	ROCK SLOPE PROTECTION (BACKING NO. 3, METHOD B)	CY	4	2,800.00	11,200.00
53	F		CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	1,988	96.00	190,848.00
54	F		SLOPE PAVING (CONCRETE)	CY	48	445.00	21,360.00
55	P-S		SHEET PILING	SQFT	82,610	40.00	3,304,400.00
56			ROCK SLOPE PROTECTION FABRIC	SQYD	25,966	3.25	84,389.50
57			TRAIL FENCING	LF	2,157	25.00	53,925.00
58			PIPE GATE (10', 16')	EA	2	1,900.00	3,800.00
			METAL BEAM GUARD RAILING (WOOD POST)	LF	1,676	27.00	45,252.00
59					.,5.5	27.00	10,202.00
59 60			TERMINAL SYSTEM (TYPE SRT) [METAL BEAM]	EA	4	3,100.00	12,400.00

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PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

Brutoco Engineering & Construction, Inc. P.O. Box 310189
Fontana. CA 92331

ITEM 62	1 NO.	ITEM CODE					
62		LINI CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
02		839559	TERMINAL SYSTEM (TYPE ET) [METAL BEAM]	EA	2	4,200.00	8,400.00
63	F	839714	CONCRETE BARRIER (TYPE 80) [ON TRENCH FOOTING]	LF	2,200	210.00	462,000.00
64		150744	REMOVE ROADSIDE SIGN (WOOD POST)	EA	4	160.00	640.00
65		150662	REMOVE METAL BEAM GUARD RAILING	LF	1,280	7.00	8,960.00
66		071325	TEMPORARY FENCE (TYPE ESA)	LF	6,750	3.30	22,275.00
67	S	203016	EROSION CONTROL (TYPE D)	SQFT	53,856	0.10	5,385.60
68		208000	IRRIGATION SYSTEM	LS	1	10,500.00	10,500.00
69	S-P	074020	WATER POLLUTION CONTROL	LS	1	75,000.00	75,000.00
70	S	861502	MODIFY SIGNAL [BLUFF STREET]	LS	1	110,000.00	110,000.00
71	S	000003	SIGNING AND STRIPING	LS	1	43,000.00	43,000.00
72	F	000003	TEMPORARY HOT MIX ASPHALT TYPE A, FOR STAGED CONSTRUCTION	TON	1,948	77.00	149,996.00
73		833080	CONCRETE BARRIER (TYPE K) [PORTABLE]	LF	9,700	15.00	145,500.00
74	F	000003	TEMPORARY AGGREGATE BASE CLASS 2 FOR STAGE CONSTRUCTION	CY	300	56.00	16,800.00
75	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	165,000.00	165,000.00
76		000003	TEMPORARY SHORING	LS	1	1,750,000.00	1,750,000.00
77		070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	6,500.00	6,500.00
78		000003	COURSE OF CONSTRUCTION INSURANCE	LS	1	150,000.00	150,000.00
79		170101	DEVELOP WATER SUPPLY	LS	1	75,000.00	75,000.00
80		066105	RESIDENT ENGINEERS OFFICE	LS	1	120,000.00	120,000.00
81		000003	REMOVING EXISTING 2 TO 4 TON BOULDERS	FA	1	100,000.00	100,000.00
82	F	192008	STRUCTURE EXCAVATION (TYPE A)	CY	4,415	83.00	366,445.00
83	F	192020	STRUCTURE EXCAVATION (TYPE D)	CY	1,535	19.00	29,165.00
84	F	193003	STRUCTURE BACKFILL (BRIDGE)	CY	2,900	52.00	150,800.00
85		490538	FURNISH STEEL PILING (HP 14 X 117)	LF	18,960	92.00	1,744,320.00
86	S	490539	DRIVE STEEL PILE (HP 14 X 117)	EA	336	3,150.00	1,058,400.00
87	S	490609	60" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	1,675	600.00	1,005,000.00
88	F	510053	STRUCTURAL CONCRETE, BRIDGE	CY	9,800	480.00	4,704,000.00
89	F	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	1,090	250.00	272,500.00
90	F	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	182	840.00	152,880.00
91		510000	SEAL COURSE CONCRETE	CY	414	675.00	279,450.00
92	S-P	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	780,000.00	780,000.00
93	P-F-S	520102	BAR REINFORCING STEEL (BRIDGE)	LBS	4,109,559	0.80	3,287,647.20
94	S-P	518051	PTFE SPHERICAL BEARING	EA	7	7,300.00	51,100.00
95	S-P	519095	JOINT SEAL ASSEMBLY (MR=4")	LF	157	275.00	43,175.00
96	S-P	519089	JOINT SEAL ASSEMBLY [MR=6" TO 9"]	LF	79	1,285.00	101,515.00
97	F	511035	ARCHITECTURAL TREATMENT	SQFT	58,680	4.00	234,720.00
98			DELETED BY ADDENDUM			0.00	0.00
99		703450	WELDED STEEL PIPE CASING [16"]	LF	34	255.00	8,670.00
100		703460	WELDED STEEL PIPE CASING [24"]	LF	70	375.00	26,250.00
101	P-F-S	750501	MISCELLANEOUS METAL (BRIDGE)	LBS	28,497	4.50	128,236.50
102	P-F-S	750498	MISCELLANEOUS METAL (RESTRAINER-CABLE TYPE)	LBS	3,219	10.00	32,190.00
103	P-F-S	750505	BRIDGE DECK DRAINAGE SYSTEM	LBS	19,660	8.00	157,280.00
104	F	833070	CONCRETE RAILING [PARAPET]	LF	1,260	90.00	113,400.00
105	F	839714	CONCRETE BARRIER (TYPE 80)	LF	2,500	140.00	350,000.00
106	P-F-S	833000	METAL RAILING [TYPE A]	LF	2,500	123.00	307,500.00
107	P-F-S	833000	METAL RAILING [TYPE B]	LF	1,260	210.00	264,600.00
108	P-S	000003	BRIDGE LIGHTING	LS	1	450,000.00	450,000.00
109		999990	MOBILIZATION	LS	1	4,100,000.00	4,100,000.00
110		019901	DE-MOBILIZATION	LS	1	2,100,000.00	2,100,000.00
111		157550	BRIDGE REMOVAL	LS	1	150,000.00	150,000.00
112		066102	DUST ABATEMENT	LS	1	270,000.00	270,000.00
113.A		066015	FEDERAL TRAINEE PROGRAM	FA	1	40,600.00	40,600.00
113.B		000003	BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL]	CY	180,000	9.00	1,620,000.00
			SUBTOTAL (BASE BID) ITEMS 1-113.B				38,851,239.80

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River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

ALTERNATE "A" (3-20" POTABLE WATER LINES; WESTERN MUNICIPAL WATER DISTRICT)

Brutoco Engineering & Construction, Inc. P.O. Box 310189 Fontana, CA 92331

						FUIILAIIA, CA 92331	
ITEM	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
114		999990	MOBILIZATION/DEMOBILIZATION	LS	1	6,000.00	6,000.00
115	S-P	000003	FURNISH AND INSTALL 20-INCH DIA. CML & EPOXY COATED, C-200, 0.25" WALL THICKNESS, STEEL WATER PIPELINE INCLUDING FULLY WELDED JOINTS DOUBLE PASS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	3,606	150.00	540,900.00
116	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL BLIND FLANGE	EA	6	1,770.00	10,620.00
117	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL 11.250 ELBOW	EA	12	2,500.00	30,000.00
118	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EXCAVATION, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 20-INCH DIA. STEEL PIPING FOR EACH PIPELINE FROM BRIDGE ABUTMENT TO BLIND FLANGE (INCLUDING FULLY WELDED JOINTS DOUBLE PASS, CONCRETE ENCASEMENT, SLIP ON FLANGES, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR; EXCLUDING ELBOWS), AND EXPANSION JOINTS, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN AND 4-INCH PVC DRAIN PIPE	EA	2	84,000.00	168,000.00
119	S-P		UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, AREA DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	48	110.00	5,280.00
120	S-P	000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	4,100.00	8,200.00
121	S-P	000003	ROLLER PIPE SUPPORT PER PLANS AND SPECIFICATIONS (W/U-BOLT) INCLUDING BASE PLATES, SHIMMING, GROUTING, WELDING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	360	1,160.00	417,600.00
122	S-P		MIDSPAN FIXED PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, SHIMMING, GROUTING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	3	1,400.00	4,200.00
123	S-P	000003	2" AIR RELEASE/AIR VACUUM VALVE ASSEMBLY PER PLANS	EA	3	2,700.00	8,100.00
124	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	2,000.00	2,000.00
			PROJECT SUBTOTAL, ALTERNATE "A" ITEMS 114-124				1,200,900.00

		•	ORCE MAIN SEWER IMPROVEMENT; COUNTY REGIONAL WASTEWATER AUTHORITY)			Brutoco Engineeri P.O. Box 310189 Fontana, CA 92331	ng & Construction, Inc.
ITEN	NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
125		999990	MOBILIZATION/DEMOBILIZATION	LS	1	3,600.00	3,600.00
126	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 52, CML, TR-FLEX, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING BUILT-IN JOINT RESTRAINTS AND PRESSURE TESTING, FROM BRIDGE ABUTMENT TO BRIDGE ABUTMENT, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	1,200	225.00	270,000.00
127	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 50, CML, TYTON PUSH-ON JOINTS, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING RESTRAINTS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE; EXCLUDING PIPE LENGTHS SPECIFICALLY CALLED OUT IN OTHER BID ITEMS	LF	2,190	160.00	350,400.00
128	S-P	000003	30-INCH DIA. DUCTILE IRON 450 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	1	5,400.00	5,400.00
129	S-P	000003	30-INCH DIA. DUCTILE IRON 22.50 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	4	5,200.00	20,800.00
130	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EARTHWORK, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 30-INCH DUCTILE IRON PIPING FROM BRIDGE ABUTMENT TO JOINT WITH 22.50 VERTICAL ELBOW JUST OUTSIDE OF UTILITY VAULT, EXPANSION JOINTS, AND PRESSURE TESTING, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN, 4-INCH PVC DRAIN PIPE, & 22.50 ELBOW	EA	2	78,000.00	156,000.00
131	S-P	000003	UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	52	95.00	4,940.00
132		000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	4,100.00	8,200.00
133	S-P	000003	CONCRETE SADDLE PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, FORMS, U-BOLTS, ANCHORS, FASTENERS, TEMPORARY SUPPORTS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	133	610.00	81,130.00

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 **PROJECT:**

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

ALTERNATE "B" (30" FORCE MAIN SEWER IMPROVEMENT;
WESTERN RIVERSIDE COUNTY REGIONAL WASTEWATER AUTHORITY) (CONTINUED)

Brutoco Engineering & Construction, Inc. P.O. Box 310189

WEST	, ,					Fontana, CA 92331	
ITEM	ITEM NO. ITEM CO		CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
134	S-P	000003	UNDERCROSSING OF PROPOSED STORM DRAINS, INCLUDING ALL PIPING, FITTINGS, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 22.50 ELBOW TO OUTER 22.50 ELBOW (APPROX. STA 8+60.14 TO STA 9+94.76) INCLUDING ELBOWS, COMPLETE AND IN PLACE	EA	1	54,000.00	54,000.00
135	S	000003	14' x 10' RCB CROSSING, INCLUDING ALL PIPING, FITTINGS, STEEL CASING, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 450 ELBOW TO OUTER 450 ELBOW (APPROX. STA 43+39.90 TO STA 43+97.15) INCLUDING ELBOWS, COMPLETE AND IN PLACE	LS	1	59,000.00	59,000.00
136	S-P	000003	2-INCH MANUAL AIR RELEASE VALVE AT BRIDGE MID-SPAN PER PLANS AND SPECIFICATIONS, INCLUDING BALL VALVE, PIPE SERVICE SADDLE, NIPPLES, MANHOLE FRAME AND COVER, AND ALL ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	1	2,900.00	2,900.00
137	S	000003	ABANDONMENT OF EXISTING WRCRWA 30-INCH FORCE MAIN, INCLUDING CAPPING, DEWATERING OF SEWAGE, REMOVAL OF PIPING THAT INTERFERES WITH BRIDGE CONSTRUCTION, WASTE DISPOSAL, PERMITS, PAVEMENT SAWCUTTING, REMOVAL AND DISPOSAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, COMPLETE AND IN PLACE	EA	1	41,000.00	41,000.00
138		000003	REMOVE AND DISPOSE OF EXISTING 30-INCH DUCTILE IRON FORCE MAIN FROM APPROXIMATELY STA 8+50 TO STA 10+00	LF	150	18.00	2,700.00
139		000003	CONNECT TO EXISTING 30-INCH FORCE MAIN AT STA 8+50 AND STA 44+65.59, PER THE CONNECTION DETAIL ON THE PLANS, INCLUDING 450 ELBOW	LS	1	136,000.00	136,000.00
140		000003	POTHOLING (INCLUDING TEMPORARY TRAFFIC CONTROL)	EA	10	700.00	7,000.00
141	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	29,000.00	29,000.00
			PROJECT SUBTOTAL, ALTERNATE "B"				
			ITEMS 125-141				1,232,070.00

ALTE	RNAT	E "C" (12" R	RECLAIMED WATER LINE; CITY OF NORCO)			Brutoco Engineering & Construction, Inc P.O. Box 310189 Fontana, CA 92331			
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	· · · · · · · · · · · · · · · · · · ·	BID ESTIMATE		
142		999990	MOBILIZATION	LS	1	4,000.00	4,000.00		
143	S	000003	TRENCH SHORING, SHEETING AND BRACING	LS	1	6,000.00	6,000.0		
144	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, PURPLE POLYETHYLENE ENCASEMENT, ELBOWS, FITTINGS, THRUST BLOCKS, AND ALL OTHER APPURTENANT DEVICES	LF	2,260	68.00	153,680.00		
145	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, AND ALL OTHER APPURTENANT DEVICES WITHIN THE BRIDGE	LF	1,200	58.00	69,600.00		
146	S-P	000003	6-INCH BLOW-OFF ASSEMBLY WITH DIP (PAINTED PURPLE)	EA	2	4,600.00	9,200.0		
147	S-P	000003	2-INCH AIR VALVE ASSEMBLY (PAINTED PURPLE)	EA	1	3,000.00	3,000.0		
148	S-P	000003	12-INCH FLEXIBLE EXPANSION JOINT FLEX-TEND AS MANUFACTURED BY EBAA IRON INC. OR APPROVED EQUAL, AND ALL OTHER APPURTENANT WORK FOR 12-INCH RECLAIMED WATERLINE AT BRIDGE UTILTY VAULT	EA	2	17,000.00	34,000.00		
149		000003	RELOCATE FIRE HYDRANT ASSEMBLY, INCLUDING 12-INCH DIP, 12-INCH BUTTERFLY VALVE, AND ALL APPURTENANT DEVICES	EA	1	2,100.00	2,100.0		
150		000003	FURNISH AND INSTALL 12-INCH BUTTERFLY VALVE	EA	4	1,900.00	7,600.0		
151		000003	FURNISH AND INSTALL PLAIN ROLLER PIPE SUPPORT, INCLUDING U-BOLT STRAP, MANUFACTURED BASE PLATE AND ALL APPURTENANT DEVICES	EA	133	1,000.00	133,000.0		
			PROJECT SUBTOTAL, ALTERNATE "C"						
			ITEMS 142-151				422,180.00		
			,						
			PROJECT TOTAL (BASE BID, ALT A + ALT B + ALT C)						
			ITEMS 1-151				41,706,389.80		

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

STEVE P. RADOS, INC.

2002 E. McFadden Avenue, Ste. 200

BASE BID ITEM NO. 1 2 F 3 F 4 5 6 7 8 9 10 F 11 F 12 F 13 F 14 F 15 16 F 17 F 18 F 19 20 F 21 22 23 24 25 26 27 28 29 30 31 31 32 33 34	160101 190101 198001 198200 198200 150771 153215 153215 153215 153213 390102 260201 250301 401000 390126 731521 017304 731501 731501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	CLEARING AND GRUBBING ROADWAY EXCAVATION IMPORTED BORROW SUBGRADE ENHANCEMENT FABRIC [PRIMARY EMBANKMENT REINFORCEMENT] SUBGRADE ENHANCEMENT FABRIC [SECONDARY EMBANKMENT REINFORCEMENT] REMOVE ASPHALT CONCRETE DIKE REMOVE CONCRETE (CURB AND GUTTER) REMOVE CONCRETE [ROLLED CURB AND GUTTER] REMOVE CONCRETE [ROLLED CURB AND GUTTER] REMOVE CONCRETE [TARINAGE FACILITIES] ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT] CLASS 2 AGGREGATE BUBBASE CLASS 3 AGGREGATE SUBBASE CONCRETE PAVEMENT [JOINT PLAIN] ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (CURB RAMP) [CASE A] MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB) MINOR CONCRETE (DRIVEWAY APPROACH] MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1500 D] 72" REINFORCED CONCRETE PIPE [1500 D] 18" CORRUGATED STEEL PIPE [1000 D] 18" CORRUGATED STEEL PIPE [1000 D]	UNITS LS CY CY SQYD SQYD LF LF LF LS TON CY CY TON EA SQFT LF	QUANTITY 1 92,604 123,255 106,450 13,350 2,250 220 180 1 22,213 3,475 294 1,251 466 4 5,856 2,919 849 1 702 1,512 260 822 668 598 157 144	Santa Ana, CA 9270 BID UNIT PRICE 350,000.00 4.00 4.00 4.75 7.00 2.00 2.00 21,000.00 74.00 65.00 45.00 330.00 650.00 550.00 12.00 1,800.00 15.00 3.00 3.00 15.00 3.00 15.00 3.00 15.00 3.00 15.00 3.00	BID ESTIMATE 350,000.00 370,416.00 493,020.00 505,637.50 93,450.00 4,500.00 21,000.00 1,643,762.00 225,875.00 13,230.00 412,830.00 29,280.00 29,280.00 87,570.00 10,188.00 1,800.00 4,536.00 780.00 2,466.00 40,080.00 71,760.00 227,475.00 54,000.00
2 F 3 F 4 5 6 7 8 9 10 11 11 12 13 14 15 16 17 18 19 20 20 21 22 23 24 25 26 27 28 29 30 31 32 33	190101 198001 198200 198200 150771 153215 153215 153213 390102 260201 250301 401000 390126 731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	ROADWAY EXCAVATION IMPORTED BORROW SUBGRADE ENHANCEMENT FABRIC [PRIMARY EMBANKMENT REINFORCEMENT] SUBGRADE ENHANCEMENT FABRIC [SECONDARY EMBANKMENT REINFORCEMENT] REMOVE ASPHALT CONCRETE DIKE REMOVE CONCRETE (CURB AND GUTTER) REMOVE CONCRETE [ROLLED CURB AND GUTTER] REMOVE CONCRETE [DRAINAGE FACILITIES] ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT] CLASS 2 AGGREGATE BASE CLASS 3 AGGREGATE SUBBASE CONCRETE PAVEMENT [JOINT PLAIN] ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (CURB RAMP) [CASE A] MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB AND FORCE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB AND GUTTER) MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 72" REINFORCED CONCRETE PIPE [1000 D]	CY CY SQYD SQYD LF LF LF LS TON CY CY TON EA SQFT LF	92,604 123,255 106,450 13,350 2,250 220 180 1 22,213 3,475 294 1,251 466 4 5,856 2,919 849 1 702 1,512 260 822 668 598 157	4.00 4.00 4.75 7.00 2.00 2.00 2.00 21,000.00 74.00 65.00 45.00 330.00 650.00 550.00 30.00 12.00 1,800.00 15.00 3.00 3.00 12.00 15.00 3.00 175.00	370,416.00 493,020.00 493,020.00 505,637.50 93,450.00 4,500.00 440.00 360.00 21,000.00 11,643,762.00 225,875.00 13,230.00 412,830.00 29,280.00 29,280.00 10,188.00 1,800.00 10,530.00 4,536.00 780.00 2,466.00 40,080.00 71,760.00 27,475.00
3 F 4 5 6 7 8 9 10 F 11 F 12 F 13 F 14 F 15 16 F 17 F 18 F 19 20 F 21 22 23 24 25 26 27 28 29 30 31 32 33	198001 198200 198200 150771 153215 153215 153213 390102 260201 250301 401000 390126 731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	IMPORTED BORROW SUBGRADE ENHANCEMENT FABRIC [PRIMARY EMBANKMENT REINFORCEMENT] SUBGRADE ENHANCEMENT FABRIC [SECONDARY EMBANKMENT REINFORCEMENT] REMOVE ASPHALT CONCRETE DIKE REMOVE CONCRETE (CURB AND GUTTER) REMOVE CONCRETE [ROLLED CURB AND GUTTER] REMOVE CONCRETE [DRAINAGE FACILITIES] ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT] CLASS 2 AGGREGATE BASE CLASS 3 AGGREGATE SUBBASE CONCRETE PAVEMENT [JOINT PLAIN] ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (CURB RAMP) [CASE A] MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB AND FUTTER) MINOR CONCRETE (CURB AND FUTTER) MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1000 D]	CY SQYD SQYD LF LF LF LS TON CY CY TON EA SQFT LF	123,255 106,450 13,350 2,250 220 180 1 22,213 3,475 294 1,251 466 4 5,856 2,919 849 1 702 1,512 260 822 668 598 157	4.00 4.75 7.00 2.00 2.00 2.00 2.00 21,000.00 74.00 65.00 45.00 330.00 650.00 550.00 30.00 12.00 1,800.00 3.00 3.00 3.00 3.00 3.00 3.00 3.0	370,416.00 493,020.00 505,637.50 93,450.00 4,500.00 440.00 360.00 21,000.00 11,643,762.00 225,875.00 302,900.00 29,280.00 87,570.00 10,188.00 1,800.00 10,530.00 4,536.00 780.00 24,466.00 40,080.00 71,760.00 227,475.00
3 F 4 5 6 7 8 9 10 F 11 F 12 F 13 F 14 F 15 16 F 17 F 18 F 19 20 F 21 22 23 24 25 26 27 28 29 30 31 32 33	198200 198200 198200 150771 153215 153215 153213 390102 260201 250301 401000 390126 731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	SUBGRADE ENHANCEMENT FABRIC [PRIMARY EMBANKMENT REINFORCEMENT] SUBGRADE ENHANCEMENT FABRIC [SECONDARY EMBANKMENT REINFORCEMENT] REMOVE ASPHALT CONCRETE DIKE REMOVE CONCRETE (CURB AND GUTTER) REMOVE CONCRETE [ROLLED CURB AND GUTTER] REMOVE CONCRETE [DRAINAGE FACILITIES] ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT] CLASS 2 AGGREGATE BASE CLASS 3 AGGREGATE SUBBASE CONCRETE PAVEMENT [JOINT PLAIN] ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (CURB RAMP) [CASE A] MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D]	SQYD SQYD LF LF LF LS TON CY CY TON EA SQFT LF	123,255 106,450 13,350 2,250 220 180 1 22,213 3,475 294 1,251 466 4 5,856 2,919 849 1 702 1,512 260 822 668 598 157	4.00 4.75 7.00 2.00 2.00 2.00 2.00 21,000.00 74.00 65.00 45.00 330.00 650.00 550.00 30.00 12.00 1,800.00 3.00 3.00 3.00 3.00 3.00 3.00 3.0	493,020.00 505,637.50 93,450.00 4,500.00 440.00 360.00 21,000.00 1,643,762.00 225,875.00 13,230.00 412,830.00 29,280.00 87,570.00 10,188.00 1,800.00 10,530.00 4,536.00 780.00 2,466.00 40,080.00 71,760.00 27,475.00
4 5 6 7 8 9 10 F 11 F 12 F 13 F 14 F 15 16 F 17 F 18 F 19 20 F 21 22 23 24 25 26 27 28 29 30 31 32 33 33 33	198200 150771 153215 153215 153213 390102 260201 250301 401000 390126 731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	SUBGRADE ENHANCEMENT FABRIC [SECONDARY EMBANKMENT REINFORCEMENT] REMOVE ASPHALT CONCRETE DIKE REMOVE CONCRETE (CURB AND GUTTER) REMOVE CONCRETE [ROLLED CURB AND GUTTER] REMOVE CONCRETE [DRAINAGE FACILITIES] ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT] CLASS 2 AGGREGATE BASE CLASS 3 AGGREGATE SUBBASE CONCRETE PAVEMENT [JOINT PLAIN] ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (CURB RAMP) [CASE A] MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (SUBWASH) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB AND GUTTER) MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE [STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1000 D]	SQYD LF LF LS TON CY CY TON EA SQFT LF EA SQFT LF LF LF LF LF LF LF LF LF	106,450 13,350 2,250 220 180 1 22,213 3,475 294 1,251 466 4 5,856 2,919 849 1 702 1,512 260 822 668 598	4.75 7.00 2.00 2.00 2.00 2.00 21,000.00 74.00 65.00 45.00 330.00 650.00 550.00 30.00 12.00 1,800.00 15.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	505,637.50 93,450.00 4,500.00 440.00 360.00 21,000.00 1,643,762.00 225,875.00 13,230.00 412,830.00 29,280.00 87,570.00 10,188.00 1,800.00 4,536.00 780.00 2,466.00 40,080.00 27,475.00
6	150771 153215 153215 153213 390102 260201 250301 401000 390126 731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	REMOVE ASPHALT CONCRETE DIKE REMOVE CONCRETE (CURB AND GUTTER) REMOVE CONCRETE [ROLLED CURB AND GUTTER] REMOVE CONCRETE [ROLLED CURB AND GUTTER] REMOVE CONCRETE [DRAINAGE FACILITIES] ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT] CLASS 2 AGGREGATE BASE CLASS 3 AGGREGATE SUBBASE CONCRETE PAVEMENT [JOINT PLAIN] ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (CURB RAMP) [CASE A] MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (DRIVEWAY APPROACH] MINOR CONCRETE [STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D]	LF LF LS TON CY CY CY TON EA SQFT LF EA SQFT LF	2,250 220 180 1 22,213 3,475 294 1,251 466 4 5,856 2,919 849 1 702 1,512 260 822 668 598 157	2.00 2.00 2.00 21,000.00 74.00 65.00 45.00 330.00 650.00 550.00 30.00 12.00 1,800.00 15.00 3.00 3.00 3.00 3.00 12.00 1,800.00 15.00 3.0	4,500.00 440.00 360.00 21,000.00 1,643,762.00 225,875.00 13,230.00 412,830.00 29,280.00 87,570.00 10,188.00 1,800.00 4,536.00 780.00 2,466.00 40,080.00 27,475.00
7 8 9 10 F 11 F 12 F 13 F 14 F 15 16 F 17 F 18 F 19 20 F 21 22 23 24 25 26 27 28 29 30 31 32 33	153215 153215 153213 390102 260201 250301 401000 390126 731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	REMOVE CONCRETE (CURB AND GUTTER) REMOVE CONCRETE [ROLLED CURB AND GUTTER] REMOVE CONCRETE [DRAINAGE FACILITIES] ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT] CLASS 2 AGGREGATE BASE CLASS 3 AGGREGATE SUBBASE CONCRETE PAVEMENT [JOINT PLAIN] ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	LF LF LS TON CY CY TON EA SQFT LF	220 180 1 22,213 3,475 294 1,251 466 4 5,856 2,919 849 1 702 1,512 260 822 668 598 157	2.00 2.00 2.00 21,000.00 74.00 65.00 45.00 330.00 650.00 550.00 30.00 12.00 1,800.00 15.00 3.00 3.00 3.00 3.00 12.00 1,800.00 15.00 3.0	4,500.00 440.00 360.00 21,000.00 1,643,762.00 225,875.00 13,230.00 412,830.00 29,280.00 87,570.00 10,188.00 1,800.00 4,536.00 780.00 2,466.00 40,080.00 27,475.00
8 9 10 F 11 F 12 F 13 F 14 F 15 16 F 17 F 18 F 19 20 F 21 22 23 24 25 26 27 28 29 30 31 32 33	153215 153213 390102 260201 250301 401000 390126 731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	REMOVE CONCRETE [ROLLED CURB AND GUTTER] REMOVE CONCRETE [DRAINAGE FACILITIES] ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT] CLASS 2 AGGREGATE BASE CLASS 3 AGGREGATE SUBBASE CONCRETE PAVEMENT [JOINT PLAIN] ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (SURB RAMP) [CASE A] MINOR CONCRETE (SURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 72" REINFORCED CONCRETE PIPE [1000 D]	LF LS TON CY CY CY TON EA SQFT LF	180 1 22,213 3,475 294 1,251 466 4 5,856 2,919 849 1 702 1,512 260 822 668 598 157	2.00 21,000.00 74.00 65.00 45.00 330.00 650.00 550.00 30.00 12.00 1,800.00 3.00 3.00 3.00 3.00 3.00 3.00 3.0	360.00 21,000.00 1,643,762.00 225,875.00 13,230.00 412,830.00 302,900.00 2,200.00 29,280.00 10,188.00 10,530.00 4,536.00 780.00 2,466.00 40,080.00 71,760.00 27,475.00
9	153213 390102 260201 250301 401000 390126 731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	REMOVE CONCRETE [DRAINAGE FACILITIES] ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT] CLASS 2 AGGREGATE BASE CLASS 3 AGGREGATE SUBBASE CONCRETE PAVEMENT [JOINT PLAIN] ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (CURB RAMP) [CASE A] MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB) MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE [STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	LS TON CY CY TON EA SQFT LF EA SQFT LF	1 22,213 3,475 294 1,251 466 4 5,856 2,919 849 1 702 1,512 260 822 668 598 157	21,000.00 74.00 65.00 45.00 330.00 650.00 550.00 30.00 12.00 1,800.00 15.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	21,000.00 1,643,762.00 225,875.00 13,230.00 412,830.00 302,900.00 2,200.00 87,570.00 10,188.00 10,530.00 4,536.00 780.00 2,466.00 40,080.00 71,760.00 27,475.00
10 F 11 F 12 F 13 F 14 F 15	390102 260201 250301 401000 390126 731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT] CLASS 2 AGGREGATE BASE CLASS 3 AGGREGATE SUBBASE CONCRETE PAVEMENT [JOINT PLAIN] ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (CURB RAMP) [CASE A] MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (SURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB) MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE [STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	TON CY CY CY TON EA SQFT LF EA SQFT LF	22,213 3,475 294 1,251 466 4 5,856 2,919 849 1 702 1,512 260 822 668 598	74.00 65.00 45.00 330.00 650.00 550.00 5.00 30.00 12.00 1,800.00 15.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	1,643,762.00 225,875.00 13,230.00 412,830.00 302,900.00 2,200.00 87,570.00 10,188.00 1,800.00 4,536.00 780.00 40,080.00 71,760.00 27,475.00
11 F 12 F 13 F 14 F 15	260201 250301 401000 390126 731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	CLASS 2 AGGREGATE BASE CLASS 3 AGGREGATE SUBBASE CONCRETE PAVEMENT [JOINT PLAIN] ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (CURB RAMP) [CASE A] MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB) MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	CY CY CY TON EA SQFT LF LF EA SQFT LF	3,475 294 1,251 466 4 5,856 2,919 849 1 702 1,512 260 822 668 598	74.00 65.00 45.00 330.00 650.00 550.00 30.00 12.00 1,800.00 15.00 3.00 3.00 3.00 12.00 15.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	1,643,762.00 225,875.00 13,230.00 412,830.00 302,900.00 2,200.00 87,570.00 10,188.00 1,800.00 4,536.00 780.00 40,080.00 71,760.00 27,475.00
12 F 13 F 14 F 15	250301 401000 390126 731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	CLASS 3 AGGREGATE SUBBASE CONCRETE PAVEMENT [JOINT PLAIN] ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (CURB RAMP) [CASE A] MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB) MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	CY CY TON EA SQFT LF EA SQFT LF	294 1,251 466 4 5,856 2,919 849 1 702 1,512 260 822 668 598	45.00 330.00 650.00 550.00 5.00 30.00 12.00 1,800.00 15.00 3.00 3.00 3.00 60.00 120.00 175.00	13,230.00 412,830.00 302,900.00 2,200.00 29,280.00 87,570.00 10,188.00 1,800.00 4,536.00 780.00 40,080.00 71,760.00 27,475.00
13 F 14 F 15 16 F 17 F 18 F 19 20 F 21 22 23 24 25 26 27 28 29 30 31 32 33	401000 390126 731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	CONCRETE PAVEMENT [JOINT PLAIN] ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (CURB RAMP) [CASE A] MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB) MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	CY TON EA SQFT LF EA SQFT LF	1,251 466 4 5,856 2,919 849 1 702 1,512 260 822 668 598 157	330.00 650.00 550.00 5.00 30.00 12.00 1,800.00 15.00 3.00 3.00 3.00 60.00 120.00	412,830.00 302,900.00 2,200.00 29,280.00 87,570.00 10,188.00 1,800.00 4,536.00 780.00 2,466.00 40,080.00 27,475.00
14 F 15 16 F 17 F 18 F 19 20 F 21 22 23 24 25 26 27 28 29 30 31 32 33	390126 731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	ASPHALT RUBBER HOT MIX [TYPE G] MINOR CONCRETE (CURB RAMP) [CASE A] MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB) MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	TON EA SQFT LF LF EA SQFT LF	466 4 5,856 2,919 849 1 702 1,512 260 822 668 598	650.00 550.00 5.00 30.00 12.00 1,800.00 15.00 3.00 3.00 3.00 60.00 120.00 175.00	302,900.00 2,200.00 29,280.00 87,570.00 10,188.00 1,800.00 4,536.00 780.00 2,466.00 40,080.00 27,475.00
15 16 F 17 F 18 F 19 20 F 21 22 23 24 25 26 27 28 29 30 31 32 33	731623 731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	MINOR CONCRETE (CURB RAMP) [CASE A] MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB) MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	EA SQFT LF LF EA SQFT LF LF LF LF LF LF LF LF LF	4 5,856 2,919 849 1 702 1,512 260 822 668 598	550.00 5.00 30.00 12.00 1,800.00 15.00 3.00 3.00 3.00 60.00 120.00 175.00	2,200.00 29,280.00 87,570.00 10,188.00 1,800.00 10,530.00 4,536.00 780.00 2,466.00 40,080.00 71,760.00
16 F 17 F 18 F 19 20 F 21 22 23 24 25 26 27 28 29 30 31 32 33	731521 017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	MINOR CONCRETE (SIDEWALK) MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB) MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	SQFT LF LF SQFT LF LF LF LF LF LF LF LF LF	5,856 2,919 849 1 702 1,512 260 822 668 598	5.00 30.00 12.00 1,800.00 15.00 3.00 3.00 3.00 60.00 120.00	29,280.00 87,570.00 10,188.00 1,800.00 10,530.00 4,536.00 780.00 2,466.00 40,080.00 71,760.00
17 F 18 F 19 20 F 21 22 23 24 25 26 27 28 29 30 31 32 33	017304 731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	MINOR CONCRETE (CURB AND GUTTER) (CRS 200) MINOR CONCRETE (CURB) MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	LF LF EA SQFT LF LF LF LF LF LF LF LF	2,919 849 1 702 1,512 260 822 668 598	5.00 30.00 12.00 1,800.00 15.00 3.00 3.00 3.00 60.00 120.00	29,280.00 87,570.00 10,188.00 1,800.00 10,530.00 4,536.00 780.00 2,466.00 40,080.00 71,760.00
18 F 19 20 F 21 22 23 24 25 26 27 28 29 30 31 32 33	731501 510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	MINOR CONCRETE (CURB) MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	LF EA SQFT LF LF LF LF LF LF LF LF LF	849 1 702 1,512 260 822 668 598 157	30.00 12.00 1,800.00 15.00 3.00 3.00 3.00 60.00 120.00 175.00	87,570.00 10,188.00 1,800.00 10,530.00 4,536.00 780.00 2,466.00 40,080.00 71,760.00
19	510501 731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	MINOR CONCRETE [DRIVEWAY APPROACH] MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	EA SQFT LF LF LF LF LF LF LF LF	1 702 1,512 260 822 668 598 157	12.00 1,800.00 15.00 3.00 3.00 3.00 60.00 120.00 175.00	10,188.00 1,800.00 10,530.00 4,536.00 780.00 2,466.00 40,080.00 71,760.00 27,475.00
20 F 21 22 23 24 25 26 27 28 29 30 31 32 33	731519 394049 394044 394040 650014 650018 650026 650042 650050 665018	MINOR CONCRETE (STAMPED CONCRETE) PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1000 D]	SQFT LF LF LF LF LF LF LF	702 1,512 260 822 668 598 157	15.00 3.00 3.00 3.00 60.00 120.00 175.00	10,530.00 4,536.00 780.00 2,466.00 40,080.00 71,760.00 27,475.00
21 22 23 24 25 26 27 28 29 30 31 32 33	394049 394044 394040 650014 650018 650026 650042 650050 665018	PLACE ASPHALT CONCRETE DIKE (TYPE F) PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	LF LF LF LF LF	1,512 260 822 668 598 157	3.00 3.00 3.00 60.00 120.00 175.00	4,536.00 780.00 2,466.00 40,080.00 71,760.00 27,475.00
22 23 24 25 26 27 28 29 30 31 32 33	394044 394040 650014 650018 650026 650042 650050 665018	PLACE ASPHALT CONCRETE DIKE (TYPE C) PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	LF LF LF LF LF	260 822 668 598 157	3.00 3.00 3.00 60.00 120.00 175.00	4,536.00 780.00 2,466.00 40,080.00 71,760.00 27,475.00
23 24 25 26 27 28 29 30 31 32 33	394040 650014 650018 650026 650042 650050 665018	PLACE ASPHALT CONCRETE DIKE (TYPE A) 18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	LF LF LF LF	822 668 598 157	3.00 60.00 120.00 175.00	2,466.00 40,080.00 71,760.00 27,475.00
24 25 26 27 28 29 30 31 32 33	650014 650018 650026 650042 650050 665018	18" REINFORCED CONCRETE PIPE [2000 D] 24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	LF LF LF	668 598 157	3.00 60.00 120.00 175.00	40,080.00 71,760.00 27,475.00
25 26 27 28 29 30 31 32 33	650018 650026 650042 650050 665018	24" REINFORCED CONCRETE PIPE [1500 D] 36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	LF LF	598 157	120.00 175.00	71,760.00 27,475.00
26 27 28 29 30 31 32 33	650026 650042 650050 665018	36" REINFORCED CONCRETE PIPE [1500 D] 60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	LF LF	157	175.00	27,475.00
27 28 29 30 31 32 33	650042 650050 665018	60" REINFORCED CONCRETE PIPE [1000 D] 72" REINFORCED CONCRETE PIPE [1200 D]	LF			
28 29 30 31 32 33	650050 665018	72" REINFORCED CONCRETE PIPE [1200 D]		144	375.00	54,000.00
29 30 31 32 33	665018		LF			
30 31 32 33		18" CORRUGATED STEEL PIPE (10 GAUGE)		334	450.00	150,300.00
31 32 33			LF	60	110.00	6,600.00
32 33	665025	24" CORRUGATED STEEL PIPE (12 GAUGE)	LF	30	130.00	3,900.00
33	664050	54" CORRUGATED STEEL PIPE (10 GAUGE)	LF	23	180.00	4,140.00
	705011	18" STEEL FLARED END SECTION	EA	1	900.00	900.00
34	705015	24" STEEL FLARED END SECTION	EA	2	1,100.00	2,200.00
	000003	MISCELLANEOUS FACILITIES (INLET TYPE X)	EA	1	1,400.00	1,400.00
35 F	510501	MINOR CONCRETE [CONCRETE BULKHEAD]	CY	1	1,000.00	1,000.00
36 F	510501	MINOR CONCRETE [CONCRETE COLLAR]	CY	5	900.00	4,500.00
37 F	510501	MINOR CONCRETE [LOCAL DEPRESSION]	CY	16	400.00	6,400.00
38	510502	MINOR CONCRETE (MINOR STRUCTURE) [ENERGY DISSIPATOR]	LS	1	60,000.00	60,000.00
39 F	510050	CLASS 2 CONCRETE [BOX CULVERT AND WINGWALL]	CY	200	725.00	145,000.00
40	510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=10']	EA	5	4,500.00	22,500.00
41	510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=14']	EA	3	5,700.00	17,100.00
42	510502	MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=28']	EA	1	10,000.00	10,000.00
43	510502	MINOR CONCRETE (MINOR STRUCTURE) [DRAINAGE INLET TYPE GDO]	EA	14	4,300.00	60,200.00
44	510502	MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 1]	EA	3	4,500.00	13,500.00
45	510502		EA	4	5,600.00	22,400.00
46	510502	<u> </u>	EA	2	10,000.00	20,000.00
47 F	510501	MINOR CONCRETE [CONCRETE HEADWALL]	CY	2	1,400.00	2,800.00
48 P-F-S		BAR REINFORCING STEEL [BOX CULVERT AND WINGWALL]	LBS	47,585	1.40	66,619.00
49 F	721008		CY	13,901	45.00	625,545.00
50 F	721007	ROCK SLOPE PROTECTION (1/4 TON, METHOD B)	CY	6,705	38.00	254,790.00
51 F	721011	ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B)	CY	2,540	50.00	127,000.00
52 F	721012		CY	4	60.00	240.00
53 F	721608		CY	1,988	150.00	298,200.00
54 F	721810		CY	48	650.00	31,200.00
55 P-S	490380	SHEET PILING	SQFT	82,610	40.00	3,304,400.00
56	729010	ROCK SLOPE PROTECTION FABRIC	SQYD	25,966	2.00	51,932.00
57	000003	TRAIL FENCING	LF	2,157	25.00	53,925.00
58	000003	PIPE GATE (10', 16')	EA	2	1,500.00	3,000.00
59	832003	METAL BEAM GUARD RAILING (WOOD POST)	LF	1,676	35.00	58,660.00
60			EA	4	2,400.00	9,600.00
61	839565	TERMINAL SYSTEM (TYPE SRT) [METAL BEAM]			=, .55.50	14,000.00

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133)
Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

> STEVE P. RADOS, INC. 2002 E. McFadden Avenue, Ste. 200 Santa Ana. CA 92705

BASE BID (Continued) Santa Ana, CA 92705 ITEM NO. ITEM CODE CONTRACT ITEM UNITS QUANTITY **BID UNIT PRICE** BID ESTIMATE 62 839559 TERMINAL SYSTEM (TYPE ET) [METAL BEAM] FΑ 3,000.00 484,000.00 63 F 839714 CONCRETE BARRIER (TYPE 80) [ON TRENCH FOOTING] LF 2.200 220.00 64 150744 REMOVE ROADSIDE SIGN (WOOD POST) EΑ 100.00 400.00 65 150662 REMOVE METAL BEAM GUARD RAILING LF 1.280 10.00 12,800.00 TEMPORARY FENCE (TYPE ESA) LF 66 071325 6.750 3.00 20,250.00 67 S 203016 EROSION CONTROL (TYPE D) SQFT 53.856 0.25 13.464.00 68 208000 IRRIGATION SYSTEM LS 25,000.00 25,000.00 S-P WATER POLLUTION CONTROL LS 175,000.00 175,000.00 69 074020 70 S 861502 MODIFY SIGNAL [BLUFF STREET] LS 20,000.00 20,000.00 71 S 000003 SIGNING AND STRIPING LS 1 35,000.00 35,000.00 72 F 000003 TEMPORARY HOT MIX ASPHALT TYPE A, FOR STAGED CONSTRUCTION TON 1.948 156,814.00 80.50 73 833080 CONCRETE BARRIER (TYPE K) [PORTABLE] LF 9,700 12.00 116.400.00 74 TEMPORARY AGGREGATE BASE CLASS 2 FOR STAGE CONSTRUCTION CY 000003 300 100.00 30.000.00 S LS 250,000.00 75 120100 TRAFFIC CONTROL SYSTEM 1 250,000.00 76 275,000.00 000003 TEMPORARY SHORING LS 1 275.000.00 77 070012 PROGRESS SCHEDULE (CRITICAL PATH METHOD) LS 1 6,500.00 6,500.00 COURSE OF CONSTRUCTION INSURANCE 78 000003 LS 1 550,000.00 550,000.00 79 170101 DEVELOP WATER SUPPLY LS 1 75 000 00 75.000.00 066105 RESIDENT ENGINEERS OFFICE LS 80 1 49,000.00 49,000.00 81 000003 REMOVING EXISTING 2 TO 4 TON BOULDERS FΑ 100,000.00 100,000.00 F 4,415 1,810,150.00 82 192008 STRUCTURE EXCAVATION (TYPE A) CY 410.00 STRUCTURE EXCAVATION (TYPE D) 83 F 192020 CY 1.535 50.00 76,750.00 84 F 193003 STRUCTURE BACKFILL (BRIDGE) CY 2.900 40.00 116,000.00 LF 18,960 85 490538 FURNISH STEEL PILING (HP 14 X 117) 65.00 1,232,400.00 86 S 490539 DRIVE STEEL PILE (HP 14 X 117) EΑ 336 2,850.00 957,600.00 87 S 490609 60" CAST-IN-DRILLED-HOLE CONCRETE PILING LF 1,675 625.00 1,046,875.00 F CY 88 510053 STRUCTURAL CONCRETE BRIDGE 9.800 613.00 6,007,400.00 89 F 510051 STRUCTURAL CONCRETE, BRIDGE FOOTING CY 1,090 360.00 392,400.00 90 F 510086 STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N) CY 182 800.00 145,600.00 91 510000 SEAL COURSE CONCRETE CY 414 700.00 289,800.00 PRESTRESSING CAST-IN-PLACE CONCRETE 92 S-P 500001 LS 775.000.00 775.000.00 93 P-F-S 520102 BAR REINFORCING STEEL (BRIDGE) LBS 4,109,559 0.80 3,287,647.20 94 S-P PTFE SPHERICAL BEARING EΑ 5,000.00 35,000.00 518051 95 S-P 519095 JOINT SEAL ASSEMBLY (MR=4") LF 157 500.00 78,500.00 96 S-P 519089 JOINT SEAL ASSEMBLY [MR=6" TO 9"] LF 79 1,000.00 79,000.00 SQFT 97 F 511035 ARCHITECTURAL TREATMENT 58,680 12 00 704,160.00 98 DELETED BY ADDENDUM 0.00 0.00 ----99 703450 WELDED STEEL PIPE CASING [16"] LF 34 300.00 10,200.00 LF 100 703460 WELDED STEEL PIPE CASING [24"] 70 350.00 24,500.00 101 P-F-S 750501 MISCELLANEOUS METAL (BRIDGE) LBS 28.497 170,982.00 6.00 P-F-S 750498 MISCELLANEOUS METAL (RESTRAINER-CABLE TYPE) LBS 3,219 102 9.00 28,971.00 BRIDGE DECK DRAINAGE SYSTEM LBS 103 P-F-S 750505 19 660 6.00 117,960.00 104 F 833070 CONCRETE RAILING [PARAPET] LF 1,260 150.00 189.000.00 CONCRETE BARRIER (TYPE 80) LF 105 F 839714 2.500 235.00 587,500.00 106 P-F-S 833000 METAL RAILING [TYPE A] LF 2.500 110.00 275,000.00 P-F-S 107 833000 METAL RAILING ITYPE BI LF 1.260 289,800.00 230.00 108 P-S 000003 BRIDGE LIGHTING LS 475,000.00 475,000.00 109 999990 MOBILIZATION LS 1 3,695,000.00 3,695,000.00 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000.00 111 157550 BRIDGE REMOVAL LS 115,000.00 115,000.00 112 066102 DUST ABATEMENT LS 55,000.00 55,000.00 113.4 066015 FEDERAL TRAINEE PROGRAM FΑ 1 40,600.00 40,600.00 113.E 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180.000 7.00 1,260,000.00

River Rd Bridge: Web-Summary.Detail

SUBTOTAL (BASE BID) ITEMS 1-113.B

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39,103,459.70

Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

STEVE P. RADOS, INC.

2002 E. McFadden Avenue, Ste. 200 Santa Ana, CA 92705

ALTERNATE "A" (3-20" POTABLE WATER LINES; WESTERN MUNICIPAL WATER DISTRICT)

					Salita Alia, CA 9210	13	
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
114		999990	MOBILIZATION/DEMOBILIZATION	LS	1	5,000.00	5,000.00
115	S-P	000003	FURNISH AND INSTALL 20-INCH DIA. CML & EPOXY COATED, C-200, 0.25" WALL THICKNESS, STEEL WATER PIPELINE INCLUDING FULLY WELDED JOINTS DOUBLE PASS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	3,606	135.00	486,810.00
116	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL BLIND FLANGE	EA	6	2,000.00	12,000.00
117	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL 11.250 ELBOW	EA	12	2,000.00	24,000.00
118	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EXCAVATION, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 20-INCH DIA. STEEL PIPING FOR EACH PIPELINE FROM BRIDGE ABUTMENT TO BLIND FLANGE (INCLUDING FULLY WELDED JOINTS DOUBLE PASS, CONCRETE ENCASEMENT, SLIP ON FLANGES, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR; EXCLUDING ELBOWS), AND EXPANSION JOINTS, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN AND 4-INCH PVC DRAIN PIPE	EA	2	90,000.00	180,000.00
119	S-P	000003	UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, AREA DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	48	33.00	1,584.00
120	S-P	000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	4,750.00	9,500.00
121	S-P	000003	ROLLER PIPE SUPPORT PER PLANS AND SPECIFICATIONS (W/U-BOLT) INCLUDING BASE PLATES, SHIMMING, GROUTING, WELDING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	360	950.00	342,000.00
122	S-P	000003	MIDSPAN FIXED PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, SHIMMING, GROUTING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	3	450.00	1,350.00
123	S-P	000003	2" AIR RELEASE/AIR VACUUM VALVE ASSEMBLY PER PLANS	EA	3	1,300.00	3,900.00
124	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	1,000.00	1,000.00
			PROJECT SUBTOTAL, ALTERNATE "A"				
			ITEMS 114-124				1,067,144.00
		·			·		

		•	ORCE MAIN SEWER IMPROVEMENT; COUNTY REGIONAL WASTEWATER AUTHORITY)			STEVE P. RADOS, INC. 2002 E. McFadden Avenue, Ste. 200 Santa Ana, CA 92705				
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE			
125		999990	MOBILIZATION/DEMOBILIZATION	LS	1	5,000.00	5,000.00			
126	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 52, CML, TR-FLEX, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING BUILT-IN JOINT RESTRAINTS AND PRESSURE TESTING, FROM BRIDGE ABUTMENT TO BRIDGE ABUTMENT, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	1,200	280.00	336,000.00			
127	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 50, CML, TYTON PUSH-ON JOINTS, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING RESTRAINTS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE; EXCLUDING PIPE LENGTHS SPECIFICALLY CALLED OUT IN OTHER BID ITEMS	LF	2,190	320.00	700,800.00			
128	S-P	000003	30-INCH DIA. DUCTILE IRON 450 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	1	200.00	200.00			
129	S-P	000003	30-INCH DIA. DUCTILE IRON 22.50 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	4	7,000.00	28,000.00			
130	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EARTHWORK, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 30-INCH DUCTILE IRON PIPING FROM BRIDGE ABUTMENT TO JOINT WITH 22.50 VERTICAL ELBOW JUST OUTSIDE OF UTILITY VAULT, EXPANSION JOINTS, AND PRESSURE TESTING, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN, 4-INCH PVC DRAIN PIPE, & 22.50 ELBOW	EA	2	95,000.00	190,000.00			
131	S-P	000003	UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	52	30.00	1,560.00			
132		000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	4,800.00	9,600.00			
133	S-P	000003	CONCRETE SADDLE PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, FORMS, U-BOLTS, ANCHORS, FASTENERS, TEMPORARY SUPPORTS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	133	400.00	53,200.00			

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133)
Bids Open: 2 pm Date: Wednesday October 22, 2008

ALTERNATE "B" (30" FORCE MAIN SEWER IMPROVEMENT;

140

141

S

000003

120100

POTHOLING (INCLUDING TEMPORARY TRAFFIC CONTROL)

TRAFFIC CONTROL SYSTEM

ITEMS 125-141

PROJECT SUBTOTAL, ALTERNATE "B"

PROJECT:

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River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

STEVE P. RADOS, INC.

2002 E. McFadden Avenue, Ste. 200 Santa Ana. CA 92705

450.00

2,200.00

4,500.00

2,200.00

1,557,210.00

WEST	TERN I	RIVERSIDE (COUNTY REGIONAL WASTEWATER AUTHORITY) (CONTINUED)			Santa Ana, CA 927	'05
ITEM	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
134	S-P	000003	UNDERCROSSING OF PROPOSED STORM DRAINS, INCLUDING ALL PIPING, FITTINGS, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 22.50 ELBOW TO OUTER 22.50 ELBOW (APPROX. STA 8+60.14 TO STA 9+94.76) INCLUDING ELBOWS, COMPLETE AND IN PLACE	EA	1	85,000.00	85,000.00
135	S	000003	14' x 10' RCB CROSSING, INCLUDING ALL PIPING, FITTINGS, STEEL CASING, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 450 ELBOW TO OUTER 450 ELBOW (APPROX. STA 43+39.90 TO STA 43+97.15) INCLUDING ELBOWS, COMPLETE AND IN PLACE	LS	1	60,000.00	60,000.00
136	S-P	000003	2-INCH MANUAL AIR RELEASE VALVE AT BRIDGE MID-SPAN PER PLANS AND SPECIFICATIONS, INCLUDING BALL VALVE, PIPE SERVICE SADDLE, NIPPLES, MANHOLE FRAME AND COVER, AND ALL ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	1	150.00	150.00
137	S	000003	ABANDONMENT OF EXISTING WRCRWA 30-INCH FORCE MAIN, INCLUDING CAPPING, DEWATERING OF SEWAGE, REMOVAL OF PIPING THAT INTERFERES WITH BRIDGE CONSTRUCTION, WASTE DISPOSAL, PERMITS, PAVEMENT SAWCUTTING, REMOVAL AND DISPOSAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, COMPLETE AND IN PLACE	EA	1	60,000.00	60,000.00
138		000003	REMOVE AND DISPOSE OF EXISTING 30-INCH DUCTILE IRON FORCE MAIN FROM APPROXIMATELY STA 8+50 TO STA 10+00	LF	150	40.00	6,000.00
139		000003	CONNECT TO EXISTING 30-INCH FORCE MAIN AT STA 8+50 AND STA 44+65.59, PER THE CONNECTION DETAIL ON THE PLANS, INCLUDING 450 ELBOW	LS	1	15,000.00	15,000.00

ALTE	RNATI	E "C" (12" R	ECLAIMED WATER LINE; CITY OF NORCO)			STEVE P. RADOS, INC. 2002 E. McFadden Avenue, Ste. 200 Santa Ana, CA 92705		
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	
142		999990	MOBILIZATION	LS	1	5,000.00	5,000.00	
143	S	000003	TRENCH SHORING, SHEETING AND BRACING	LS	1	1,000.00	1,000.00	
144	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, PURPLE POLYETHYLENE ENCASEMENT, ELBOWS, FITTINGS, THRUST BLOCKS, AND ALL OTHER APPURTENANT DEVICES	LF	2,260	110.00	248,600.00	
145	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, AND ALL OTHER APPURTENANT DEVICES WITHIN THE BRIDGE	LF	1,200	80.00	96,000.00	
146	S-P	000003	6-INCH BLOW-OFF ASSEMBLY WITH DIP (PAINTED PURPLE)	EA	2	9,000.00	18,000.00	
147	S-P	000003	2-INCH AIR VALVE ASSEMBLY (PAINTED PURPLE)	EA	1	5,000.00	5,000.00	
148	S-P	000003	12-INCH FLEXIBLE EXPANSION JOINT FLEX-TEND AS MANUFACTURED BY EBAA IRON INC. OR APPROVED EQUAL, AND ALL OTHER APPURTENANT WORK FOR 12- INCH RECLAIMED WATERLINE AT BRIDGE UTILTY VAULT	EA	2	7,000.00	14,000.00	
149		000003	RELOCATE FIRE HYDRANT ASSEMBLY, INCLUDING 12-INCH DIP, 12-INCH BUTTERFLY VALVE, AND ALL APPURTENANT DEVICES	EA	1	10,000.00	10,000.00	
150		000003	FURNISH AND INSTALL 12-INCH BUTTERFLY VALVE	EA	4	2,300.00	9,200.00	
151		000003	FURNISH AND INSTALL PLAIN ROLLER PIPE SUPPORT, INCLUDING U-BOLT STRAP, MANUFACTURED BASE PLATE AND ALL APPURTENANT DEVICES	EA	133	260.00	34,580.00	
			PROJECT SUBTOTAL, ALTERNATE "C"					
			ITEMS 142-151				441,380.00	
			PROJECT TOTAL (BASE BID, ALT A + ALT B + ALT C)					
			ITEMS 1-151				42,169,193.70	

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133)
Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

> SKANSKA USA CIVIL WEST 1995 Agua Mansa Rd. Riverside, CA 92509

Riverside, CA 92509 BASE BID ITEM CODE CONTRACT ITEM **BID UNIT PRICE** BID ESTIMATE ITEM NO. UNITS QUANTITY 160101 CLEARING AND GRUBBING LS 350,000.00 350,000.00 2 190101 CY 92.604 F ROADWAY EXCAVATION 11.00 1,018,644.00 3 F 198001 IMPORTED BORROW CY 123,255 8.00 986,040.00 SUBGRADE ENHANCEMENT FABRIC [PRIMARY EMBANKMENT REINFORCEMENT] 4 198200 SQYD 106,450 6.00 638,700.00 SUBGRADE ENHANCEMENT FABRIC (SECONDARY EMBANKMENT REINFORCEMENT) SQYD 5 198200 13.350 3.50 46,725.00 6 150771 REMOVE ASPHALT CONCRETE DIKE LF 2.250 2.00 4.500.00 7 153215 REMOVE CONCRETE (CURB AND GUTTER) LF 220 6.00 1,320.00 REMOVE CONCRETE IROLLED CURB AND GUTTERI LF 1.080.00 8 153215 180 6.00 150,000.00 9 153213 REMOVE CONCRETE [DRAINAGE FACILITIES] LS 150,000.00 10 390102 ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT] TON 22,213 85.00 1,888,105.00 F 11 F CLASS 2 AGGREGATE BASE CY 50.00 260201 3,475 173,750.00 12 F 250301 CLASS 3 AGGREGATE SUBBASE CY 294 50.00 14.700.00 CONCRETE PAVEMENT [JOINT PLAIN] CY 1,251 13 401000 350.00 437.850.00 F 14 390126 ASPHALT RUBBER HOT MIX [TYPE G] TON 466 750.00 349,500.00 15 MINOR CONCRETE (CURB RAMP) [CASE A] 2.000.00 731623 EΑ 4 8.000.00 16 F 731521 MINOR CONCRETE (SIDEWALK) SQFT 5.856 5.00 29,280.00 MINOR CONCRETE (CURB AND GUTTER) (CRS 200) 17 F 017304 2 9 1 9 1 F 25.00 72,975.00 18 F 731501 MINOR CONCRETE (CURB) LF 849 21,225.00 25.00 19 MINOR CONCRETE [DRIVEWAY APPROACH] 510501 EΑ 2,000.00 2,000.00 20 F 731519 MINOR CONCRETE (STAMPED CONCRETE) SOFT 702 11.00 7,722.00 21 394049 PLACE ASPHALT CONCRETE DIKE (TYPE F) 1,512 LF 6.00 9,072.00 22 394044 PLACE ASPHALT CONCRETE DIKE (TYPE C) LF 260 6.00 1,560.00 23 394040 PLACE ASPHALT CONCRETE DIKE (TYPE A) ΙF 822 6.00 4,932.00 LF 650014 18" REINFORCED CONCRETE PIPE [2000 D] 668 65.00 24 43,420.00 25 650018 24" REINFORCED CONCRETE PIPE [1500 D] LF 598 80.00 47,840.00 26 650026 36" REINFORCED CONCRETE PIPE [1500 D] LF 157 150.00 23,550.00 ΙF 27 650042 60" REINFORCED CONCRETE PIPE [1000 D] 144 250.00 36,000.00 28 650050 72" REINFORCED CONCRETE PIPE [1200 D] LF 334 280.00 93.520.00 29 665018 18" CORRUGATED STEEL PIPE (10 GAUGE) 1 F 60 140.00 8,400.00 30 665025 24" CORRUGATED STEEL PIPE (12 GAUGE) LF 30 145.00 4,350.00 31 664050 54" CORRUGATED STEEL PIPE (10 GAUGE) LF 23 10,350.00 450.00 32 705011 18" STEEL FLARED END SECTION EΑ 700.00 700.00 705015 24" STEEL FLARED END SECTION EΑ 2 1,600.00 33 800.00 34 000003 MISCELLANEOUS FACILITIES (INLET TYPE X) EΑ 1 2,000.00 2,000.00 35 510501 MINOR CONCRETE [CONCRETE BULKHEAD] CY F 1 2.000.00 2.000.00 36 F 510501 MINOR CONCRETE [CONCRETE COLLAR] CY 5 3.000.00 15.000.00 37 F 510501 MINOR CONCRETE [LOCAL DEPRESSION] CY 16 650.00 10.400.00 38 510502 MINOR CONCRETE (MINOR STRUCTURE) [ENERGY DISSIPATOR] LS 85.000.00 85.000.00 F 39 510050 CLASS 2 CONCRETE [BOX CULVERT AND WINGWALL] CY 200 945.00 189,000.00 40 510502 MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=10'] ΕA 10,000.00 5 50.000.00 41 510502 MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=14'] EΑ 3 15,000.00 45,000.00 MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=28'] 42 510502 EΑ 1 23,000.00 23,000.00 43 510502 MINOR CONCRETE (MINOR STRUCTURE) [DRAINAGE INLET TYPE GDO] 14 EΑ 7 000 00 98.000.00 MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 1] 44 510502 EΑ 3 7,500.00 22,500.00 45 510502 MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 2] EΑ 4 8,000.00 32,000.00 MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 4] 46 510502 2 EΑ 8,500.00 17,000.00 47 F 510501 MINOR CONCRETE [CONCRETE HEADWALL] CY 2 600.00 1,200.00 48 P-F-S 520101 BAR REINFORCING STEEL [BOX CULVERT AND WINGWALL] LBS 47.585 1.00 47,585.00 49 F 721008 ROCK SLOPE PROTECTION (LIGHT, METHOD B) CY 13.901 695,050.00 50.00 50 F 721007 ROCK SLOPE PROTECTION (1/4 TON, METHOD B) CY 6,705 50.00 335,250.00 51 721011 ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B) CY 2,540 F 50.00 127,000.00 F 52 721012 ROCK SLOPE PROTECTION (BACKING NO. 3, METHOD B) CY 4 200.00 800.00 53 F 721608 CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B) CY 1,988 85.00 168,980.00 54 F 721810 SLOPE PAVING (CONCRETE) CY 48 650.00 31,200.00 SQFT 55 P-S 490380 SHEET PILING 82.610 46.00 3,800,060.00 ROCK SLOPE PROTECTION FABRIC 56 729010 SQYD 25,966 90.881.00 3.50 57 000003 TRAIL FENCING LF 2,157 53,925.00 25.00 2,700.00 58 000003 PIPE GATE (10', 16') EΑ 2 5.400.00 59 832003 METAL BEAM GUARD RAILING (WOOD POST) LF 1,676 41,900.00 25.00

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River Rd Bridge: Web-Summary.Detail

TERMINAL SYSTEM (TYPE SRT) [METAL BEAM]

TRANSITION RAILING (TYPE WB) [METAL BEAM]

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3,000.00

3,100.00

Advertised: July 29, 2008 (Agenda Item: 3.133)
Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

> SKANSKA USA CIVIL WEST 1995 Agua Mansa Rd. Riverside. CA 92509

BASE BID (Continued) Riverside, CA 92509 ITEM NO. ITEM CODE CONTRACT ITEM UNITS QUANTITY **BID UNIT PRICE** BID ESTIMATE 62 839559 TERMINAL SYSTEM (TYPE ET) [METAL BEAM] FΑ 3,600.00 7,200.00 63 F 839714 CONCRETE BARRIER (TYPE 80) [ON TRENCH FOOTING] LF 2.200 200.00 440,000.00 64 150744 REMOVE ROADSIDE SIGN (WOOD POST) EΑ 250.00 1,000.00 65 150662 REMOVE METAL BEAM GUARD RAILING LF 1.280 7.00 8,960.00 TEMPORARY FENCE (TYPE ESA) LF 66 071325 6.750 8.00 54,000.00 67 S 203016 EROSION CONTROL (TYPE D) SQFT 53.856 0.10 5,385.60 68 208000 IRRIGATION SYSTEM LS 28,000.00 28,000.00 S-P WATER POLLUTION CONTROL LS 75,000.00 75,000.00 69 074020 70 S 861502 MODIFY SIGNAL [BLUFF STREET] LS 131,000.00 131,000.00 71 S 000003 SIGNING AND STRIPING LS 1 25,000.00 25,000.00 72 F 000003 TEMPORARY HOT MIX ASPHALT TYPE A, FOR STAGED CONSTRUCTION TON 1.948 214,280.00 110.00 73 833080 CONCRETE BARRIER (TYPE K) [PORTABLE] LF 9,700 16.00 155,200.00 74 TEMPORARY AGGREGATE BASE CLASS 2 FOR STAGE CONSTRUCTION CY 000003 300 75.00 22.500.00 S LS 250,000.00 75 120100 TRAFFIC CONTROL SYSTEM 1 250,000.00 76 000003 TEMPORARY SHORING LS 1 650.000.00 650,000.00 77 070012 PROGRESS SCHEDULE (CRITICAL PATH METHOD) LS 1 6,500.00 6,500.00 COURSE OF CONSTRUCTION INSURANCE 78 000003 LS 1 420,000.00 420,000.00 79 170101 DEVELOP WATER SUPPLY LS 1 75 000 00 75.000.00 066105 RESIDENT ENGINEERS OFFICE LS 80 1 100,000.00 100,000.00 81 000003 REMOVING EXISTING 2 TO 4 TON BOULDERS FΑ 100,000.00 100,000.00 4,415 82 F 192008 STRUCTURE EXCAVATION (TYPE A) CY 625.00 2,759,375.00 STRUCTURE EXCAVATION (TYPE D) 83 F 192020 CY 1.535 15.00 23,025.00 84 F 193003 STRUCTURE BACKFILL (BRIDGE) CY 2.900 12.00 34,800.00 490538 LF 18,960 85 FURNISH STEEL PILING (HP 14 X 117) 35.00 663,600.00 86 S 490539 DRIVE STEEL PILE (HP 14 X 117) EΑ 336 6,200.00 2,083,200.00 87 S 490609 60" CAST-IN-DRILLED-HOLE CONCRETE PILING LF 1,675 450.00 753,750.00 F CY 88 510053 STRUCTURAL CONCRETE BRIDGE 9.800 6,125,000.00 625.00 89 F 510051 STRUCTURAL CONCRETE, BRIDGE FOOTING CY 1,090 450.00 490.500.00 90 F 510086 STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N) CY 182 800.00 145,600.00 91 510000 SEAL COURSE CONCRETE CY 414 525.00 217,350.00 PRESTRESSING CAST-IN-PLACE CONCRETE 92 S-P 500001 LS 635,000.00 635,000.00 93 P-F-S 520102 BAR REINFORCING STEEL (BRIDGE) LBS 4,109,559 0.80 3,287,647.20 94 S-P 518051 PTFE SPHERICAL BEARING EΑ 6,500.00 45,500.00 95 S-P 519095 JOINT SEAL ASSEMBLY (MR=4") LF 157 325.00 51,025.00 96 S-P 519089 JOINT SEAL ASSEMBLY [MR=6" TO 9"] LF 79 1,000.00 79,000.00 SQFT 528,120.00 97 F 511035 ARCHITECTURAL TREATMENT 58,680 9.00 98 DELETED BY ADDENDUM 0.00 0.00 ----99 703450 WELDED STEEL PIPE CASING [16"] LF 34 250.00 8.500.00 LF 100 703460 WELDED STEEL PIPE CASING [24"] 70 300.00 21,000.00 101 P-F-S 750501 MISCELLANEOUS METAL (BRIDGE) LBS 28.497 5.00 142.485.00 P-F-S 750498 MISCELLANEOUS METAL (RESTRAINER-CABLE TYPE) LBS 3,219 102 15.00 48,285.00 BRIDGE DECK DRAINAGE SYSTEM LBS 103 P-F-S 750505 19 660 10.00 196,600.00 104 F 833070 CONCRETE RAILING [PARAPET] LF 1,260 115 00 144.900.00 CONCRETE BARRIER (TYPE 80) LF 105 F 839714 2.500 160.00 400,000.00 106 P-F-S 833000 METAL RAILING [TYPE A] LF 2.500 160.00 400,000.00 P-F-S 107 833000 METAL RAILING ITYPE BI LF 1.260 365,400.00 290.00 108 P-S 000003 BRIDGE LIGHTING LS 450,000.00 450,000.00 109 999990 MOBILIZATION LS 1 4,000,000.00 4,000,000.00 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000.00 111 157550 BRIDGE REMOVAL LS 140,000.00 140,000.00 112 066102 DUST ABATEMENT LS 100,000.00 100,000.00 113.4 066015 FEDERAL TRAINEE PROGRAM FΑ 1 40,600.00 40,600.00 113.E 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180.000 1.50 270,000.00 SUBTOTAL (BASE BID) 42,021,228.80 ITEMS 1-113.B

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078) SKANSKA USA CIVIL WEST

SKANSKA USA CIVIL WEST 1995 Agua Mansa Rd. Riverside, CA 92509

ALTERNATE "A" (3-20" POTABLE WATER LINES; WESTERN MUNICIPAL WATER DISTRICT)

ITEM	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
114		999990	MOBILIZATION/DEMOBILIZATION	LS	1	5,000.00	5,000.00
115	S-P	000003	FURNISH AND INSTALL 20-INCH DIA. CML & EPOXY COATED, C-200, 0.25" WALL THICKNESS, STEEL WATER PIPELINE INCLUDING FULLY WELDED JOINTS DOUBLE PASS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	3,606	140.00	504,840.00
116	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL BLIND FLANGE	EA	6	1,700.00	10,200.00
117	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL 11.250 ELBOW	EA	12	2,300.00	27,600.00
118	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EXCAVATION, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 20-INCH DIA. STEEL PIPING FOR EACH PIPELINE FROM BRIDGE ABUTMENT TO BLIND FLANGE (INCLUDING FULLY WELDED JOINTS DOUBLE PASS, CONCRETE ENCASEMENT, SLIP ON FLANGES, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR; EXCLUDING ELBOWS), AND EXPANSION JOINTS, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN AND 4-INCH PVC DRAIN PIPE	EA	2	105,000.00	210,000.00
119	S-P		UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, AREA DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	48	100.00	4,800.00
120	S-P	000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	10,000.00	20,000.00
121	S-P	000003	ROLLER PIPE SUPPORT PER PLANS AND SPECIFICATIONS (W/U-BOLT) INCLUDING BASE PLATES, SHIMMING, GROUTING, WELDING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	360	1,100.00	396,000.00
122	S-P	000003	MIDSPAN FIXED PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, SHIMMING, GROUTING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	3	4,800.00	14,400.00
123	S-P	000003	2" AIR RELEASE/AIR VACUUM VALVE ASSEMBLY PER PLANS	EA	3	2,500.00	7,500.00
124	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	1,800.00	1,800.00
			PROJECT SUBTOTAL, ALTERNATE "A"				
			ITEMS 114-124				1,202,140.00

		•	ORCE MAIN SEWER IMPROVEMENT;			SKANSKA USA CIVIL WEST 1995 Agua Mansa Rd. Riverside, CA 92509			
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY		BID ESTIMATE		
125		999990	MOBILIZATION/DEMOBILIZATION	LS	1	3,500.00	3,500.00		
126	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 52, CML, TR-FLEX, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING BUILT-IN JOINT RESTRAINTS AND PRESSURE TESTING, FROM BRIDGE ABUTMENT TO BRIDGE ABUTMENT, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	1,200	210.00	252,000.00		
127	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 50, CML, TYTON PUSH-ON JOINTS, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING RESTRAINTS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE; EXCLUDING PIPE LENGTHS SPECIFICALLY CALLED OUT IN OTHER BID ITEMS	LF	2,190	155.00	339,450.00		
128	S-P	000003	30-INCH DIA. DUCTILE IRON 450 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	1	5,000.00	5,000.00		
129	S-P	000003	30-INCH DIA. DUCTILE IRON 22.50 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	4	5,000.00	20,000.00		
130	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EARTHWORK, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 30-INCH DUCTILE IRON PIPING FROM BRIDGE ABUTMENT TO JOINT WITH 22.50 VERTICAL ELBOW JUST OUTSIDE OF UTILITY VAULT, EXPANSION JOINTS, AND PRESSURE TESTING, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN, 4-INCH PVC DRAIN PIPE, & 22.50 ELBOW	EA	2	90,000.00	180,000.00		
131	S-P	000003	UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	52	90.00	4,680.00		
132		000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	10,000.00	20,000.00		
133	S-P	000003	CONCRETE SADDLE PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, FORMS, U-BOLTS, ANCHORS, FASTENERS, TEMPORARY SUPPORTS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	133	1,200.00	159,600.00		

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

SKANSKA USA CIVIL WEST 1995 Agua Mansa Rd. Riverside, CA 92509

Updated: 10/23/2008

ALTERNATE "B" (30" FORCE MAIN SEWER IMPROVEMENT; WESTERN RIVERSIDE COUNTY REGIONAL WASTEWATER AUTHORITY) (CONTINUED)

			The state was the state of the			DID LIVE DRICE	
ITEN	NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
134	S-P	000003	UNDERCROSSING OF PROPOSED STORM DRAINS, INCLUDING ALL PIPING, FITTINGS, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 22.50 ELBOW TO OUTER 22.50 ELBOW (APPROX. STA 8+60.14 TO STA 9+94.76) INCLUDING ELBOWS, COMPLETE AND IN PLACE	EA	1	50,000.00	50,000.00
135	S	000003	14' x 10' RCB CROSSING, INCLUDING ALL PIPING, FITTINGS, STEEL CASING, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 450 ELBOW TO OUTER 450 ELBOW (APPROX. STA 43+39.90 TO STA 43+97.15) INCLUDING ELBOWS, COMPLETE AND IN PLACE	LS	1	55,000.00	55,000.00
136	S-P	000003	2-INCH MANUAL AIR RELEASE VALVE AT BRIDGE MID-SPAN PER PLANS AND SPECIFICATIONS, INCLUDING BALL VALVE, PIPE SERVICE SADDLE, NIPPLES, MANHOLE FRAME AND COVER, AND ALL ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	1	3,000.00	3,000.00
137	S	000003	ABANDONMENT OF EXISTING WRCRWA 30-INCH FORCE MAIN, INCLUDING CAPPING, DEWATERING OF SEWAGE, REMOVAL OF PIPING THAT INTERFERES WITH BRIDGE CONSTRUCTION, WASTE DISPOSAL, PERMITS, PAVEMENT SAWCUTTING, REMOVAL AND DISPOSAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, COMPLETE AND IN PLACE	EA	1	40,000.00	40,000.00
138		000003	REMOVE AND DISPOSE OF EXISTING 30-INCH DUCTILE IRON FORCE MAIN FROM APPROXIMATELY STA 8+50 TO STA 10+00	LF	150	17.00	2,550.00
139		000003	CONNECT TO EXISTING 30-INCH FORCE MAIN AT STA 8+50 AND STA 44+65.59, PER THE CONNECTION DETAIL ON THE PLANS, INCLUDING 450 ELBOW	LS	1	130,000.00	130,000.00
140		000003	POTHOLING (INCLUDING TEMPORARY TRAFFIC CONTROL)	EA	10	700.00	7,000.00
141	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	28,000.00	28,000.00
			PROJECT SUBTOTAL, ALTERNATE "B"				
			ITEMS 125-141				1,299,780.00

LTE	RNATI	E "C" (12" R	RECLAIMED WATER LINE; CITY OF NORCO)			SKANSKA USA CIVIL WEST 1995 Agua Mansa Rd.			
		ı	T	1	ı	Riverside, CA 92509			
ITEM	NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE		
142		999990	MOBILIZATION	LS	1	5,000.00	5,000.00		
143	S	000003	TRENCH SHORING, SHEETING AND BRACING	LS	1	5,500.00	5,500.00		
144	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, PURPLE POLYETHYLENE ENCASEMENT, ELBOWS, FITTINGS, THRUST BLOCKS, AND ALL OTHER APPURTENANT DEVICES	LF	2,260	63.00	142,380.00		
145	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, AND ALL OTHER APPURTENANT DEVICES WITHIN THE BRIDGE	LF	1,200	53.00	63,600.00		
146	S-P	000003	6-INCH BLOW-OFF ASSEMBLY WITH DIP (PAINTED PURPLE)	EA	2	4,500.00	9,000.0		
147	S-P	000003	2-INCH AIR VALVE ASSEMBLY (PAINTED PURPLE)	EA	1	3,000.00	3,000.00		
148	S-P	000003	12-INCH FLEXIBLE EXPANSION JOINT FLEX-TEND AS MANUFACTURED BY EBAA IRON INC. OR APPROVED EQUAL, AND ALL OTHER APPURTENANT WORK FOR 12-INCH RECLAIMED WATERLINE AT BRIDGE UTILTY VAULT	EA	2	15,000.00	30,000.0		
149		000003	RELOCATE FIRE HYDRANT ASSEMBLY, INCLUDING 12-INCH DIP, 12-INCH BUTTERFLY VALVE, AND ALL APPURTENANT DEVICES	EA	1	2,000.00	2,000.0		
150		000003	FURNISH AND INSTALL 12-INCH BUTTERFLY VALVE	EA	4	2,000.00	8,000.0		
151		000003	FURNISH AND INSTALL PLAIN ROLLER PIPE SUPPORT, INCLUDING U-BOLT STRAP, MANUFACTURED BASE PLATE AND ALL APPURTENANT DEVICES	EA	133	975.00	129,675.0		
			PROJECT SUBTOTAL, ALTERNATE "C"						
			ITEMS 142-151				398,155.0		
		•	•	•	•	<u>'</u>	·		
			PROJECT TOTAL (BASE BID, ALT A + ALT B + ALT C)						
			ITEMS 1-151				44,921,303.80		

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133)
Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

> BEADOR CONSTRUCTION COMPANY 26320 Lester Circle Corona, CA 92883

Corona, CA 92883 BASE BID ITEM CODE CONTRACT ITEM **BID UNIT PRICE** BID ESTIMATE ITEM NO. UNITS QUANTITY 160101 CLEARING AND GRUBBING LS 350,000.00 350,000.00 2 190101 CY 92.604 F ROADWAY EXCAVATION 9.00 833,436.00 3 F 198001 IMPORTED BORROW CY 123,255 10.00 1,232,550.00 SUBGRADE ENHANCEMENT FABRIC [PRIMARY EMBANKMENT REINFORCEMENT] 4 198200 SQYD 106,450 5.00 532,250.00 SUBGRADE ENHANCEMENT FABRIC (SECONDARY EMBANKMENT REINFORCEMENT) SQYD 5 198200 13.350 2.75 36,712.50 6 150771 REMOVE ASPHALT CONCRETE DIKE LF 2.250 4.00 9.000.00 7 153215 REMOVE CONCRETE (CURB AND GUTTER) LF 220 11.50 2,530.00 REMOVE CONCRETE IROLLED CURB AND GUTTERI LF 8 153215 180 14.00 2.520.00 9 153213 REMOVE CONCRETE [DRAINAGE FACILITIES] LS 27,000.00 27,000.00 10 390102 ASPHALT CONCRETE (TYPE A) [HOT MIX ASPHALT] TON 22,213 1,999,170.00 F 90.00 11 F CLASS 2 AGGREGATE BASE CY 37.00 260201 3,475 128.575.00 12 F 250301 CLASS 3 AGGREGATE SUBBASE CY 294 54.00 15.876.00 CONCRETE PAVEMENT [JOINT PLAIN] CY 1,251 412,830.00 13 401000 330.00 F 14 390126 ASPHALT RUBBER HOT MIX [TYPE G] TON 466 175.00 81,550.00 15 MINOR CONCRETE (CURB RAMP) [CASE A] 5.500.00 731623 EΑ 4 22.000.00 16 F 731521 MINOR CONCRETE (SIDEWALK) SQFT 5.856 4.25 24,888.00 MINOR CONCRETE (CURB AND GUTTER) (CRS 200) 17 F 017304 2 9 1 9 1 F 16.50 48,163.50 18 F 731501 MINOR CONCRETE (CURB) LF 849 19,527.00 23.00 19 MINOR CONCRETE [DRIVEWAY APPROACH] 510501 EΑ 2,750.00 2,750.00 20 F 731519 MINOR CONCRETE (STAMPED CONCRETE) SOFT 702 8.00 5,616.00 21 394049 PLACE ASPHALT CONCRETE DIKE (TYPE F) 1,512 LF 4.00 6,048.00 22 394044 PLACE ASPHALT CONCRETE DIKE (TYPE C) LF 260 4.00 1,040.00 23 394040 PLACE ASPHALT CONCRETE DIKE (TYPE A) ΙF 822 4.00 3,288.00 LF 650014 18" REINFORCED CONCRETE PIPE [2000 D] 668 24 80.00 53,440.00 25 650018 24" REINFORCED CONCRETE PIPE [1500 D] LF 598 87.00 52,026.00 26 650026 36" REINFORCED CONCRETE PIPE [1500 D] LF 157 117.00 18,369.00 ΙF 27 650042 60" REINFORCED CONCRETE PIPE [1000 D] 144 210.00 30,240.00 28 650050 72" REINFORCED CONCRETE PIPE [1200 D] LF 334 245.00 81.830.00 29 665018 18" CORRUGATED STEEL PIPE (10 GAUGE) 1 F 60 99.00 5,940.00 30 665025 24" CORRUGATED STEEL PIPE (12 GAUGE) LF 30 155.00 4,650.00 31 664050 54" CORRUGATED STEEL PIPE (10 GAUGE) LF 23 280.00 6.440.00 32 705011 18" STEEL FLARED END SECTION EΑ 560.00 560.00 705015 24" STEEL FLARED END SECTION EΑ 2 750.00 1,500.00 33 34 000003 MISCELLANEOUS FACILITIES (INLET TYPE X) EΑ 1 3,300.00 3,300.00 35 510501 MINOR CONCRETE [CONCRETE BULKHEAD] CY 2,200.00 2,200.00 F 1 36 F 510501 MINOR CONCRETE [CONCRETE COLLAR] CY 5 1.650.00 8.250.00 37 F 510501 MINOR CONCRETE [LOCAL DEPRESSION] CY 16 1.270.00 20.320.00 38 510502 MINOR CONCRETE (MINOR STRUCTURE) [ENERGY DISSIPATOR] LS 62.500.00 62.500.00 F 39 510050 CLASS 2 CONCRETE [BOX CULVERT AND WINGWALL] CY 200 740.00 148,000.00 40 510502 MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=10'] ΕA 7,150.00 5 35.750.00 41 510502 MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=14'] EΑ 3 6,050.00 18,150.00 MINOR CONCRETE (MINOR STRUCTURE) [CATCH BASIN, L=28'] 42 510502 EΑ 1 10,500.00 10,500.00 43 510502 MINOR CONCRETE (MINOR STRUCTURE) [DRAINAGE INLET TYPE GDO] 14 EΑ 4 000 00 56.000.00 MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 1] 44 510502 EΑ 3 3,850.00 11,550.00 45 510502 MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 2] EΑ 4 4,950.00 19,800.00 MINOR CONCRETE (MINOR STRUCTURE) [MANHOLE NO. 4] 46 510502 2 EΑ 5,500.00 11,000.00 47 F 510501 MINOR CONCRETE [CONCRETE HEADWALL] CY 2 1,925.00 3,850.00 48 P-F-S 520101 BAR REINFORCING STEEL [BOX CULVERT AND WINGWALL] LBS 47.585 1.00 47,585.00 49 F 721008 ROCK SLOPE PROTECTION (LIGHT, METHOD B) CY 13.901 44.00 611,644.00 50 F 721007 ROCK SLOPE PROTECTION (1/4 TON, METHOD B) CY 6,705 45.00 301,725.00 51 721011 ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B) CY 2,540 F 48.00 121,920.00 F 52 721012 ROCK SLOPE PROTECTION (BACKING NO. 3, METHOD B) CY 4 150.00 600.00 53 F 721608 CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B) CY 1,988 120.00 238,560.00 54 F 721810 SLOPE PAVING (CONCRETE) CY 48 575.00 27,600.00 SQFT 55 P-S 490380 SHEET PILING 82.610 47.00 3,882,670.00 ROCK SLOPE PROTECTION FABRIC 56 729010 SQYD 25,966 38.949.00 1.50 57 000003 TRAIL FENCING LF 2,157 27.00 58,239.00 2,100.00 58 000003 PIPE GATE (10', 16') EΑ 2 4.200.00 59 832003 METAL BEAM GUARD RAILING (WOOD POST) LF 1,676 48,604.00 29.00 60 839565 TERMINAL SYSTEM (TYPE SRT) [METAL BEAM] EΑ 4 3,300.00 13,200.00

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4

River Rd Bridge: Web-Summary.Detail

TRANSITION RAILING (TYPE WB) [METAL BEAM]

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839541

61

Updated: 10/23/2008

4,400.00

17,600.00

Advertised: July 29, 2008 (Agenda Item: 3.133)
Bids Open: 2 pm Date: Wednesday October 22, 2008

PROJECT:

River Road Bridge Replacement Project Project No. A7-0298, BRLS – 5956 (078)

> BEADOR CONSTRUCTION COMPANY 26320 Lester Circle Corona. CA 92883

BASE BID (Continued) Corona, CA 92883 ITEM NO. ITEM CODE CONTRACT ITEM UNITS QUANTITY **BID UNIT PRICE BID ESTIMATE** 62 839559 TERMINAL SYSTEM (TYPE ET) [METAL BEAM] FΑ 4,400.00 63 F 839714 CONCRETE BARRIER (TYPE 80) [ON TRENCH FOOTING] LF 2.200 195.00 429,000.00 64 150744 REMOVE ROADSIDE SIGN (WOOD POST) EΑ 135.00 540.00 65 150662 REMOVE METAL BEAM GUARD RAILING LF 1.280 7.25 9,280.00 TEMPORARY FENCE (TYPE ESA) LF 66 071325 6.750 1.50 10,125.00 67 S 203016 EROSION CONTROL (TYPE D) SQFT 53.856 0.15 8.078.40 68 208000 IRRIGATION SYSTEM LS 38,500.00 38,500.00 S-P WATER POLLUTION CONTROL LS 75,000.00 75,000.00 69 074020 70 S 861502 MODIFY SIGNAL [BLUFF STREET] LS 135,000.00 135,000.00 71 S 000003 SIGNING AND STRIPING LS 1 24,200.00 24,200.00 72 F 000003 TEMPORARY HOT MIX ASPHALT TYPE A, FOR STAGED CONSTRUCTION TON 1.948 179.216.00 92 00 73 833080 CONCRETE BARRIER (TYPE K) [PORTABLE] LF 9,700 13.25 128,525.00 74 TEMPORARY AGGREGATE BASE CLASS 2 FOR STAGE CONSTRUCTION CY 000003 300 47.00 14.100.00 S LS 250,000.00 75 120100 TRAFFIC CONTROL SYSTEM 1 250,000.00 76 000003 TEMPORARY SHORING LS 1 520.000.00 520,000.00 77 070012 PROGRESS SCHEDULE (CRITICAL PATH METHOD) LS 1 6,500.00 6,500.00 COURSE OF CONSTRUCTION INSURANCE LS 78 000003 1 1,998,343.00 1,998,343.00 79 170101 DEVELOP WATER SUPPLY LS 1 7,500.00 7,500.00 066105 RESIDENT ENGINEERS OFFICE LS 80 1 80,000.00 80,000.00 81 000003 REMOVING EXISTING 2 TO 4 TON BOULDERS FΑ 100,000.00 100,000.00 F 4,415 82 192008 STRUCTURE EXCAVATION (TYPE A) CY 550.00 2,428,250.00 STRUCTURE EXCAVATION (TYPE D) 83 F 192020 CY 1.535 28.00 42,980.00 84 F 193003 STRUCTURE BACKFILL (BRIDGE) CY 2.900 46.00 133,400.00 490538 LF 18,960 85 FURNISH STEEL PILING (HP 14 X 117) 95.00 1,801,200.00 86 S 490539 DRIVE STEEL PILE (HP 14 X 117) EΑ 336 1,975.00 663,600.00 87 S 490609 60" CAST-IN-DRILLED-HOLE CONCRETE PILING LF 1,675 430.00 720,250.00 F CY 88 510053 STRUCTURAL CONCRETE BRIDGE 9.800 5,096,000.00 520.00 89 F 510051 STRUCTURAL CONCRETE, BRIDGE FOOTING CY 1,090 245.00 267.050.00 90 F 510086 STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N) CY 182 1,350.00 245,700.00 91 510000 SEAL COURSE CONCRETE CY 414 230.00 95,220.00 92 S-P 500001 PRESTRESSING CAST-IN-PLACE CONCRETE LS 700,000.00 700,000.00 93 P-F-S 520102 BAR REINFORCING STEEL (BRIDGE) LBS 4,109,559 0.90 3,698,603.10 94 S-P 518051 PTFE SPHERICAL BEARING EΑ 3,000.00 21,000.00 95 S-P 519095 JOINT SEAL ASSEMBLY (MR=4") LF 157 325.00 51,025.00 96 S-P 519089 JOINT SEAL ASSEMBLY [MR=6" TO 9"] LF 79 1,300.00 102,700.00 SQFT 97 F 511035 ARCHITECTURAL TREATMENT 58,680 7 70 451,836.00 98 DELETED BY ADDENDUM 0.00 0.00 ----99 703450 WELDED STEEL PIPE CASING [16"] LF 34 150.00 5,100.00 LF 100 703460 WELDED STEEL PIPE CASING [24"] 70 240.00 16,800.00 101 P-F-S 750501 MISCELLANEOUS METAL (BRIDGE) LBS 28.497 178,106.25 6 25 P-F-S 750498 MISCELLANEOUS METAL (RESTRAINER-CABLE TYPE) LBS 3,219 102 9.80 31,546.20 BRIDGE DECK DRAINAGE SYSTEM LBS 103 P-F-S 750505 19 660 12.00 235,920.00 104 F 833070 CONCRETE RAILING [PARAPET] LF 1,260 105.00 132.300.00 CONCRETE BARRIER (TYPE 80) LF 105 F 839714 2.500 135.00 337,500.00 106 P-F-S 833000 METAL RAILING [TYPE A] LF 2.500 135.00 337,500.00 P-F-S 107 833000 METAL RAILING ITYPE BI LF 1.260 220,500.00 175.00 108 P-S 000003 BRIDGE LIGHTING LS 515,000.00 515,000.00 109 999990 MOBILIZATION LS 1 4,000,000.00 4,000,000.00 110 019901 DE-MOBILIZATION LS 1 2,100,000.00 2,100,000.00 111 157550 BRIDGE REMOVAL LS 250,000.00 250,000.00 112 066102 DUST ABATEMENT LS 110,000.00 110,000.00 113.4 066015 FEDERAL TRAINEE PROGRAM FΑ 1 40,600.00 40,600.00 113.E 000003 BRIDGE PROTECTION [SAND AND DEBRIS REMOVAL] CY 180.000 1,170,000.00 6.50 SUBTOTAL (BASE BID)

River Rd Bridge: Web-Summary.Detail

ITEMS 1-113.B

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42,098,974.95

Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project
Project No. A7-0298, BRLS – 5956 (078)

BEADOR CONSTRUCTION COMPANY

26320 Lester Circle Corona, CA 92883

ALTERNATE "A" (3-20" PC	OTABLE WATER LINES; WESTERN MUNICIP	AL WATER DISTRICT)
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					Corona, CA 92883		
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
114		999990	MOBILIZATION/DEMOBILIZATION	LS	1	11,000.00	11,000.00
115	S-P	000003	FURNISH AND INSTALL 20-INCH DIA. CML & EPOXY COATED, C-200, 0.25" WALL THICKNESS, STEEL WATER PIPELINE INCLUDING FULLY WELDED JOINTS DOUBLE PASS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	3,606	200.00	721,200.00
116	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL BLIND FLANGE	EA	6	1,900.00	11,400.00
117	S-P	000003	20-INCH DIA. CLASS 150 WELDED STEEL 11.250 ELBOW	EA	12	2,500.00	30,000.00
118	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EXCAVATION, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 20-INCH DIA. STEEL PIPING FOR EACH PIPELINE FROM BRIDGE ABUTMENT TO BLIND FLANGE (INCLUDING FULLY WELDED JOINTS DOUBLE PASS, CONCRETE ENCASEMENT, SLIP ON FLANGES, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR; EXCLUDING ELBOWS), AND EXPANSION JOINTS, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN AND 4-INCH PVC DRAIN PIPE	EA	2	95,000.00	190,000.00
119	S-P		UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, AREA DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	48	105.00	5,040.00
120	S-P	1 0000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	1,100.00	2,200.00
121	S-P		ROLLER PIPE SUPPORT PER PLANS AND SPECIFICATIONS (W/U-BOLT) INCLUDING BASE PLATES, SHIMMING, GROUTING, WELDING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	360	1,125.00	405,000.00
122	S-P		MIDSPAN FIXED PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, SHIMMING, GROUTING, ANCHORS, FASTENERS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	3	2,200.00	6,600.00
123	S-P	000003	2" AIR RELEASE/AIR VACUUM VALVE ASSEMBLY PER PLANS	EA	3	2,200.00	6,600.00
124	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	2,750.00	2,750.00
			PROJECT SUBTOTAL, ALTERNATE "A"				
			ITEMS 114-124				1,391,790.00

ALTERNATE "B" (30" FORCE MAIN SEWER IMPROVEMENT; WESTERN RIVERSIDE COUNTY REGIONAL WASTEWATER AUTHORITY)						BEADOR CONSTRUCTION COMPANY 26320 Lester Circle Corona, CA 92883		
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	
125		999990	MOBILIZATION/DEMOBILIZATION	LS	1	11,000.00	11,000.00	
126	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 52, CML, TR-FLEX, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING BUILT-IN JOINT RESTRAINTS AND PRESSURE TESTING, FROM BRIDGE ABUTMENT TO BRIDGE ABUTMENT, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE	LF	1,200	215.00	258,000.00	
127	S-P	000003	FURNISH AND INSTALL 30-INCH DIA. THICKNESS CLASS 50, CML, TYTON PUSH-ON JOINTS, DUCTILE IRON PIPELINE WITH NITRILE (NBR) GASKETS, INCLUDING RESTRAINTS, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR, AS SHOWN ON THESE PLANS, COMPLETE AND IN PLACE; EXCLUDING PIPE LENGTHS SPECIFICALLY CALLED OUT IN OTHER BID ITEMS	LF	2,190	165.00	361,350.00	
128	S-P	000003	30-INCH DIA. DUCTILE IRON 450 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	1	6,100.00	6,100.00	
129	S-P	000003	30-INCH DIA. DUCTILE IRON 22.50 ELBOW (MJ) W/RESTRAINT, EXCLUDING ELBOWS INCLUDED IN OTHER BID ITEMS	EA	4	6,000.00	24,000.00	
130	S-P	000003	EXPANSION JOINT UTILITY VAULT PER DETAIL ON PLANS AND SPECIFICATIONS HEREON, INCLUDING EARTHWORK, VAULT ACCESS HATCHES, PIPE PENETRATIONS AND SEALANTS, 30-INCH DUCTILE IRON PIPING FROM BRIDGE ABUTMENT TO JOINT WITH 22.50 VERTICAL ELBOW JUST OUTSIDE OF UTILITY VAULT, EXPANSION JOINTS, AND PRESSURE TESTING, COMPLETE AND IN PLACE; EXCLUDING AREA DRAIN, 4-INCH PVC DRAIN PIPE, & 22.50 ELBOW	EA	2	120,000.00	240,000.00	
131	S-P	000003	UTILITY VAULT DRAIN INCLUDING 4-INCH PVC PIPE, DRAIN, FITTINGS, EXCAVATION, BACKFILL, PAVEMENT SAWCUTTING AND REMOVAL, PRESSURE TESTING, AND SURFACE REPAIR, COMPLETE AND IN PLACE	LF	52	100.00	5,200.00	
132		000003	PRECAST CONCRETE MANHOLE FOR UTILITY VAULT DRAIN PER STD. DWG. W-1070, COMPLETE AND IN PLACE	EA	2	2,750.00	5,500.00	
133	S-P	000003	CONCRETE SADDLE PIPE SUPPORT PER PLANS AND SPECIFICATIONS INCLUDING CONCRETE, REINFORCEMENT, FORMS, U-BOLTS, ANCHORS, FASTENERS, TEMPORARY SUPPORTS, AND ALL OTHER ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	133	825.00	109,725.00	

River Rd Bridge: Web-Summary.Detail

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Advertised: July 29, 2008 (Agenda Item: 3.133) Bids Open: 2 pm Date: Wednesday October 22, 2008 PROJECT:

River Road Bridge Replacement Project
Project No. A7-0298, BRLS – 5956 (078)

BEADOR CONSTRUCTION COMPANY

26320 Lester Circle Corona, CA 92883

Updated: 10/23/2008

ALTERNATE "B" (30" FORCE MAIN SEWER IMPROVEMENT;
WESTERN RIVERSIDE COUNTY REGIONAL WASTEWATER AUTHORITY) (CONTINUED)

WES	ERN RIVERSIDE COUNTY REGIONAL WASTEWATER AUTHORITY) (CONTINUED)				COTOTIA, CA 92003		
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
134	S-P	000003	UNDERCROSSING OF PROPOSED STORM DRAINS, INCLUDING ALL PIPING, FITTINGS, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 22.50 ELBOW TO OUTER 22.50 ELBOW, CAPPROX. STA 8+60.14 TO STA 9+94.76) INCLUDING ELBOWS, COMPLETE AND IN PLACE	EA	1	66,000.00	66,000.00
135	S	000003	14' x 10' RCB CROSSING, INCLUDING ALL PIPING, FITTINGS, STEEL CASING, TEMPORARY BLOW-OFF, PRESSURE TESTING, PAVEMENT SAWCUTTING AND REMOVAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, PER PLANS AND SPECIFICATIONS, FROM OUTER 450 ELBOW TO OUTER 450 ELBOW (APPROX. STA 43+39.90 TO STA 43+97.15) INCLUDING ELBOWS, COMPLETE AND IN PLACE	LS	1	82,500.00	82,500.00
136	S-P	000003	2-INCH MANUAL AIR RELEASE VALVE AT BRIDGE MID-SPAN PER PLANS AND SPECIFICATIONS, INCLUDING BALL VALVE, PIPE SERVICE SADDLE, NIPPLES, MANHOLE FRAME AND COVER, AND ALL ASSOCIATED APPURTENANCES, COMPLETE AND IN PLACE	EA	1	2,750.00	2,750.00
137	8	000003	ABANDONMENT OF EXISTING WRCRWA 30-INCH FORCE MAIN, INCLUDING CAPPING, DEWATERING OF SEWAGE, REMOVAL OF PIPING THAT INTERFERES WITH BRIDGE CONSTRUCTION, WASTE DISPOSAL, PERMITS, PAVEMENT SAWCUTTING, REMOVAL AND DISPOSAL, EXCAVATION, BACKFILL, SURFACE REPAIR AND RESTORATION, COMPLETE AND IN PLACE	EA	1	55,000.00	55,000.00
138		000003	REMOVE AND DISPOSE OF EXISTING 30-INCH DUCTILE IRON FORCE MAIN FROM APPROXIMATELY STA 8+50 TO STA 10+00	LF	150	110.00	16,500.00
139		000003	CONNECT TO EXISTING 30-INCH FORCE MAIN AT STA 8+50 AND STA 44+65.59, PER THE CONNECTION DETAIL ON THE PLANS, INCLUDING 450 ELBOW	LS	1	55,000.00	55,000.00
140		000003	POTHOLING (INCLUDING TEMPORARY TRAFFIC CONTROL)	EA	10	1,100.00	11,000.00
141	S	120100	TRAFFIC CONTROL SYSTEM	LS	1	12,000.00	12,000.00
			PROJECT SUBTOTAL, ALTERNATE "B"				
			ITEMS 125-141				1,321,625.00

ALTERNATE "C" (12" RECLAIMED WATER LINE; CITY OF NORCO)					BEADOR CONSTRUCTION COMPANY 26320 Lester Circle Corona, CA 92883		
ITEN	I NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE
142		999990	MOBILIZATION	LS	1	5,500.00	5,500.0
143	S	000003	TRENCH SHORING, SHEETING AND BRACING	LS	1	5,500.00	5,500.0
144	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, PURPLE POLYETHYLENE ENCASEMENT, ELBOWS, FITTINGS, THRUST BLOCKS, AND ALL OTHER APPURTENANT DEVICES	LF	2,260	46.00	103,960.00
145	S-P	000003	12-INCH DIP (CLASS 350) WITH RESTRAINING JOINTS, AND ALL OTHER APPURTENANT DEVICES WITHIN THE BRIDGE	LF	1,200	195.00	234,000.00
146	S-P	000003	6-INCH BLOW-OFF ASSEMBLY WITH DIP (PAINTED PURPLE)	EA	2	6,000.00	12,000.0
147	S-P	000003	2-INCH AIR VALVE ASSEMBLY (PAINTED PURPLE)	EA	1	7,500.00	7,500.0
148	S-P	000003	12-INCH FLEXIBLE EXPANSION JOINT FLEX-TEND AS MANUFACTURED BY EBAA IRON INC. OR APPROVED EQUAL, AND ALL OTHER APPURTENANT WORK FOR 12-INCH RECLAIMED WATERLINE AT BRIDGE UTILTY VAULT	EA	2	11,000.00	22,000.00
149		000003	RELOCATE FIRE HYDRANT ASSEMBLY, INCLUDING 12-INCH DIP, 12-INCH BUTTERFLY VALVE, AND ALL APPURTENANT DEVICES	EA	1	11,000.00	11,000.0
150		000003	FURNISH AND INSTALL 12-INCH BUTTERFLY VALVE	EA	4	23,000.00	92,000.0
151		000003	FURNISH AND INSTALL PLAIN ROLLER PIPE SUPPORT, INCLUDING U-BOLT STRAP, MANUFACTURED BASE PLATE AND ALL APPURTENANT DEVICES	EA	133	950.00	126,350.0
			PROJECT SUBTOTAL, ALTERNATE "C"				
			ITEMS 142-151				619,810.0
			PROJECT TOTAL (BASE BID, ALT A + ALT B + ALT C)				
			ITEMS 1-151				45,432,199.9

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