

County of Napa Public Works Department

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Ghilotti Construction, Co - Unit Cost	Ghilotti Construction Co. - Line item total	Ghilotti Brothers, Inc - Unit Cost	Ghilotti Brothers - Line item total	Bridgeway Civil Construction- Unit Cost	Bridgeway Civil Construction- Line item total
A	GENERAL								
1	Mobilization	LS	1	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$446,000.00	\$446,000.00
2	Clearing and Grubbing (including disposal of cut trees)	LS	1	\$38,000.00	\$38,000.00	\$154,000.00	\$154,000.00	\$70,000.00	\$70,000.00
3	Traffic Control	LS	1	\$25,000.00	\$25,000.00	\$8,000.00	\$8,000.00	\$15,000.00	\$15,000.00
4	Storm Water Pollution Prevention (Including Hydroseed)	LS	1	\$2,000.00	\$2,000.00	\$44,000.00	\$44,000.00	\$225,050.00	\$225,050.00
					\$465,000.00		\$606,000.00		\$756,050.00
B	DEMOLITION								
1	Remove and Salvage Fences and Gates	LF	855	\$8.00	\$6,840.00	\$10.00	\$8,550.00	\$10.00	\$8,550.00
2	Remove Misc Road Signs Panels & Posts	EA	2	\$150.00	\$300.00	\$250.00	\$500.00	\$400.00	\$800.00
3	Remove Storm Drain Catch Basin	EA	1	\$3,000.00	\$3,000.00	\$1,400.00	\$1,400.00	\$2,200.00	\$2,200.00
4	Remove asphalt concrete and concrete pavement, asphalt concrete curb, driveways, curb and gutters, misc. items, etc.	LS	1	\$10,000.00	\$10,000.00	\$8,800.00	\$8,800.00	\$35,000.00	\$35,000.00
5	Hazmat Abatement - Two story office building at Tower Road	LS	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
6	Remove Two Buildings, foundation, septic system and misc utility services, etc	LS	1	\$60,000.00	\$60,000.00	\$48,500.00	\$48,500.00	\$60,000.00	\$60,000.00
7	Remove existing stop bar pavement markings	LS	1	\$1,500.00	\$1,500.00	\$750.00	\$750.00	\$750.00	\$750.00
8	Remove & Relocate Real Estate Sign & Post	LS	1	\$250.00	\$250.00	\$500.00	\$500.00	\$200.00	\$200.00
					\$86,890.00		\$74,000.00		\$117,500.00
C	EARTHWORK								
1	Excavation and Grading	CY	3,210	\$88.00	\$282,480.00	\$22.00	\$70,620.00	\$40.00	\$128,400.00
2	Import Soil	CY	2,450	\$20.00	\$49,000.00	\$14.00	\$34,300.00	\$5.00	\$12,250.00
3	Export Soil	CY	100	\$20.00	\$2,000.00	\$95.00	\$9,500.00	\$42.00	\$4,200.00
4	Lime Treatment in place (3+23.05 to 6+50) & (12+75 to End)	SF	26,400	\$2.00	\$52,800.00	\$1.90	\$50,160.00	\$2.30	\$60,720.00
5	Lime Treatment At Site And Move Over TDA/MIRAFI (areas with TDA)	SF	32,800	\$2.50	\$82,000.00	\$1.90	\$62,320.00	\$3.50	\$114,800.00
6	Offhaul Soil (hazardous material)	CY	100	\$250.00	\$25,000.00	\$135.00	\$13,500.00	\$500.00	\$50,000.00
7	Tire Derived Aggregates (TDA) (Installed)	TON	3,900	\$85.00	\$331,500.00	\$115.00	\$448,500.00	\$90.00	\$351,000.00
8	Geotextile Filter Fabric (installed)	SF	50,000	\$0.25	\$12,500.00	\$0.85	\$42,500.00	\$0.35	\$17,500.00
					\$837,280.00		\$731,400.00		\$738,870.00
D	ROAD								
1	HMA Type B (Road and Multi-Path)	TON	1,600	\$85.00	\$136,000.00	\$134.00	\$214,400.00	\$156.00	\$249,600.00
2	Aggregate Base (Class II) (Road, Sidewalk, Multi-Path, Utility Trench)	CY	2,100	\$65.00	\$136,500.00	\$80.00	\$168,000.00	\$70.00	\$147,000.00
3	Sawcut	LF	273	\$8.00	\$2,184.00	\$4.00	\$1,092.00	\$7.00	\$1,911.00
4	Grinding	SF	4,300	\$1.00	\$4,300.00	\$2.00	\$8,600.00	\$1.75	\$7,525.00
5	Concrete Curb and Gutter (standard)	LF	1,215	\$40.00	\$48,600.00	\$44.50	\$54,067.50	\$28.00	\$34,020.00
6	Deepened Curb at Bioswale	LF	747	\$80.00	\$59,760.00	\$74.00	\$55,278.00	\$39.00	\$29,133.00
7	Driveway	SF	125	\$15.00	\$1,875.00	\$19.75	\$2,468.75	\$8.40	\$1,050.00

County of Napa Public Works Department

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Ghilotti Construction, Co - Unit Cost	Ghilotti Construction Co. - Line item total	Ghilotti Brothers, Inc - Unit Cost	Ghilotti Brothers - Line item total	Bridgeway Civil Construction- Unit Cost	Bridgeway Civil Construction- Line item total
8	ADA Ramp	EA	2	\$2,000.00	\$4,000.00	\$4,450.00	\$8,900.00	\$575.00	\$1,150.00
9	Sidewalk	SF	5,000	\$5.00	\$25,000.00	\$11.45	\$57,250.00	\$6.00	\$30,000.00
10	Rock Slope Protection - Placement Method A	CY	275	\$250.00	\$68,750.00	\$220.00	\$60,500.00	\$120.00	\$33,000.00
11	Bike Guard Railing	LF	175	\$100.00	\$17,500.00	\$35.00	\$6,125.00	\$34.00	\$5,950.00
12	Caltrans Type 12A Guardrail	LF	161	\$50.00	\$8,050.00	\$196.00	\$31,556.00	\$140.00	\$22,540.00
13	Caltrans Type 12DD Guardrail	LF	100	\$65.00	\$6,500.00	\$155.00	\$15,500.00	\$70.00	\$7,000.00
14	Standard 6' Chain Link Fence with 24" Barbed Wire	LF	730	\$25.00	\$18,250.00	\$26.00	\$18,980.00	\$25.00	\$18,250.00
15	Reset Survey Monument	LS	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$3,500.00	\$3,500.00
					\$539,269.00		\$704,717.25		\$591,629.00
E	STORM DRAIN FACILITIES								
1	Storm Drain Catch Basin (D-3 Type C)	EA	2	\$8,000.00	\$16,000.00	\$4,000.00	\$8,000.00	\$4,000.00	\$8,000.00
2	Storm Drain Drop Inlet (Old Castle Model DI-2424)	EA	2	\$4,000.00	\$8,000.00	\$2,200.00	\$4,400.00	\$1,150.00	\$2,300.00
3	Storm Drain Manhole with Frame and Cover - 48" Std. 5.01	EA	3	\$10,000.00	\$30,000.00	\$8,000.00	\$24,000.00	\$7,700.00	\$23,100.00
4	4" Perforated Storm Drain Pipe (Schedule 40)	LF	434	\$10.00	\$4,340.00	\$6.00	\$2,604.00	\$9.00	\$3,906.00
5	6" Storm Drain Pipe (HDPE AWWA C906)	LF	217	\$100.00	\$21,700.00	\$40.00	\$8,680.00	\$58.00	\$12,586.00
6	8" Plastic Storm Drain Pipe (HDPE AWWA C906)	LF	15	\$100.00	\$1,500.00	\$58.00	\$870.00	\$61.00	\$915.00
7	12" RCP Storm Drain Pipe (Class III 1500-D)	LF	16	\$150.00	\$2,400.00	\$135.00	\$2,160.00	\$103.00	\$1,648.00
8	15" RCP Storm Drain Pipe (Class III 1500-D)	LF	140	\$150.00	\$21,000.00	\$100.00	\$14,000.00	\$176.00	\$24,640.00
9	Curb Inlet (Detail 5, Sheet CD1)	EA	8	\$2,000.00	\$16,000.00	\$745.00	\$5,960.00	\$1,400.00	\$11,200.00
10	Curb Inlet (Detail 7, Sheet CD1)	EA	9	\$600.00	\$5,400.00	\$365.00	\$3,285.00	\$75.00	\$675.00
					\$126,340.00		\$73,959.00		\$88,970.00
F	BIO-RETENTION FACILITIES								
1	Bio-Retention Swales	SF	6,075	\$4.00	\$24,300.00	\$1.85	\$11,238.75	\$1.80	\$10,935.00
2	18" Loamy Sand	CY	250	\$100.00	\$25,000.00	\$150.00	\$37,500.00	\$85.00	\$21,250.00
3	6" Perforated Pipe (for Bio-Retention Swale)	LF	1,515	\$25.00	\$37,875.00	\$8.60	\$13,029.00	\$8.00	\$12,120.00
4	Storm Drain Drop Inlet (Old Castle Model DI-2424)	EA	4	\$4,000.00	\$16,000.00	\$2,200.00	\$8,800.00	\$1,150.00	\$4,600.00
					\$103,175.00		\$70,567.75		\$48,905.00
G	DOMESTIC WATER FACILITIES								
1	Water Pipe - 12" PVC, C900, Class 200	LF	1,052	\$150.00	\$157,800.00	\$139.00	\$146,228.00	\$130.00	\$136,760.00
2	Fire Hydrants Assembly (FH, Fire Service Line, Thrust Block, Valve, Pad, Blue reflectors)	EA	4	\$6,000.00	\$24,000.00	\$11,600.00	\$46,400.00	\$11,000.00	\$44,000.00
3	Connect to Existing Water	LS	1	\$15,000.00	\$15,000.00	\$10,500.00	\$10,500.00	\$5,100.00	\$5,100.00
4	12" Water Valves	EA	6	\$2,500.00	\$15,000.00	\$4,500.00	\$27,000.00	\$3,900.00	\$23,400.00
5	12" Air Relief Valves	EA	1	\$5,000.00	\$5,000.00	\$6,750.00	\$6,750.00	\$5,000.00	\$5,000.00
					\$216,800.00		\$236,878.00		\$214,260.00

County of Napa Public Works Department

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Ghilotti Construction, Co - Unit Cost	Ghilotti Construction Co. - Line item total	Ghilotti Brothers, Inc - Unit Cost	Ghilotti Brothers - Line item total	Bridgeway Civil Construction- Unit Cost	Bridgeway Civil Construction- Line item total
H	CATHODIC PROTECTION -WATER								
1	FATS-FITTING ANODE TEST STATION W/1-17LB ANODE	EA	8	\$1,000.00	\$8,000.00	\$1,250.00	\$10,000.00	\$350.00	\$2,800.00
2	FATS-FITTING ANODE TEST STATION W/1-9LB ANODE	EA	1	\$250.00	\$250.00	\$1,200.00	\$1,200.00	\$340.00	\$340.00
3	FHATS- FIRE HYDRANT ANODE TEST STATIONS W/1-32LB ANODE	EA	4	\$1,000.00	\$4,000.00	\$1,250.00	\$5,000.00	\$500.00	\$2,000.00
4	MFATS- MULTIPLE ANODE TEST STATION W/2-60LB ANODES	EA	2	\$2,000.00	\$4,000.00	\$2,100.00	\$4,200.00	\$1,215.00	\$2,430.00
5	JOINT BOND - 1 BOND CABLE PER 6"-14" JOINT	EA	60	\$50.00	\$3,000.00	\$120.00	\$7,200.00	\$51.00	\$3,060.00
					\$19,250.00		\$27,600.00		\$10,630.00
I	RECYCLED WATER FACILITIES								
1	Recycled Water Pipe - 12" PVC, C900, Class 200 Purple Pipe	LF	673	\$100.00	\$67,300.00	\$120.00	\$80,760.00	\$88.00	\$59,224.00
2	Blow-off	EA	2	\$3,000.00	\$6,000.00	\$4,650.00	\$9,300.00	\$3,200.00	\$6,400.00
					\$73,300.00		\$90,060.00		\$65,624.00
J	CATHODIC PROTECTION - RECYCLED WATER								
1	FATS - Anodes Test Station W/1-17LB Anodes	EA	2	\$1,000.00	\$2,000.00	\$1,250.00	\$2,500.00	\$400.00	\$800.00
2	ATS - Anodes Test Station W/1-9LB Anodes	EA	1	\$250.00	\$250.00	\$1,200.00	\$1,200.00	\$400.00	\$400.00
					\$2,250.00		\$3,700.00		\$1,200.00
K	SANITARY SEWER FACILITIES								
1	Sewer Pipe - 8" PVC SDR 35	LF	402	\$60.00	\$24,120.00	\$90.00	\$36,180.00	\$112.00	\$45,024.00
2	Sewer Cleanout	EA	1	\$1,000.00	\$1,000.00	\$1,850.00	\$1,850.00	\$1,500.00	\$1,500.00
3	Sewer Manhole with Frame and Cover - 48"	EA	2	\$7,000.00	\$14,000.00	\$6,150.00	\$12,300.00	\$5,600.00	\$11,200.00
4	Connect to Existing Sewer	EA	1	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$1,100.00	\$1,100.00
					\$40,120.00		\$51,530.00		\$58,824.00
L	STREET LIGHT								
1	Solar Street Lighting System	EA	2	\$10,456.00	\$20,912.00	\$15,600.00	\$31,200.00	\$17,000.00	\$34,000.00
					\$20,912.00		\$31,200.00		\$34,000.00
M	ELECTRICAL (EMPTY CONDUITS FOR FUTURE)								
1	3" C&MT (Future Signal Interconnect-Under Sidewalk)	LF	931	\$25.00	\$23,275.00	\$21.00	\$19,551.00	\$25.00	\$23,275.00
2	4" Conduit (Future Signal Interconnect-at Bridge)	LF	119	\$40.00	\$4,760.00	\$83.00	\$9,877.00	\$95.00	\$11,305.00
3	4" Conduit (Future AT&T-at Bridge)	LF	119	\$40.00	\$4,760.00	\$83.00	\$9,877.00	\$95.00	\$11,305.00
4	2" Conduit (Future Electrical-at Bridge)	LF	119	\$20.00	\$2,380.00	\$38.00	\$4,522.00	\$65.00	\$7,735.00
5	2" Conduit (Future Electrical Interconnect-at Bridge)	LF	119	\$20.00	\$2,380.00	\$38.00	\$4,522.00	\$65.00	\$7,735.00
6	Pull Box	EA	7	\$400.00	\$2,800.00	\$550.00	\$3,850.00	\$650.00	\$4,550.00
					\$40,355.00		\$52,199.00		\$65,905.00
N	PAVEMENT MARKINGS,STRIPING AND SIGNAGE								
1	4" Yellow Stripe	LF	50	\$0.65	\$32.50	\$2.50	\$125.00	\$2.50	\$125.00

County of Napa Public Works Department

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Ghilotti Construction, Co - Unit Cost	Ghilotti Construction Co. - Line item total	Ghilotti Brothers, Inc - Unit Cost	Ghilotti Brothers - Line item total	Bridgeway Civil Construction- Unit Cost	Bridgeway Civil Construction- Line item total
2	Striping (12")	LF	307	\$2.50	\$767.50	\$5.00	\$1,535.00	\$5.00	\$1,535.00
3	Detail 32 Stripe	LF	1,959	\$0.65	\$1,273.35	\$2.00	\$3,918.00	\$2.00	\$3,918.00
4	Detail 38 Stripe	LF	75	\$0.65	\$48.75	\$2.00	\$150.00	\$2.00	\$150.00
5	Detail 22 Stripe	LF	143	\$0.65	\$92.95	\$2.00	\$286.00	\$2.00	\$286.00
6	Pavement Markings	SF	495	\$4.00	\$1,980.00	\$2.00	\$990.00	\$2.00	\$990.00
7	Stop Sign R1-1 (18"x18")	EA	2	\$250.00	\$500.00	\$225.00	\$450.00	\$225.00	\$450.00
8	Stop Sign (Bike sign) R1-1 (Half Size)	EA	1	\$250.00	\$250.00	\$225.00	\$225.00	\$225.00	\$225.00
9	Speed limit Sign R2-1	EA	2	\$250.00	\$500.00	\$245.00	\$490.00	\$245.00	\$490.00
10	Street Name Sign Napa County Std D-6	EA	1	\$250.00	\$250.00	\$450.00	\$450.00	\$450.00	\$450.00
11	Install "No Parking Anytime" Sign R7-1	EA	18	\$250.00	\$4,500.00	\$215.00	\$3,870.00	\$215.00	\$3,870.00
12	Install "Yield To Pedestrian" Sign R9-6	EA	2	\$250.00	\$500.00	\$285.00	\$570.00	\$285.00	\$570.00
13	Instll "Bike Lane" Sign R81 CA	EA	2	\$250.00	\$500.00	\$225.00	\$450.00	\$225.00	\$450.00
14	Install Vine Trail Sign approximately 12"x24" supplied by County. Contractor shall provide post/foundation, etc.	EA	1	\$250.00	\$250.00	\$200.00	\$200.00	\$200.00	\$200.00
15	Install W5-4a Sign Per Caltrans Standards	EA	2	\$250.00	\$500.00	\$300.00	\$600.00	\$300.00	\$600.00
					\$11,945.05		\$14,309.00		\$14,309.00
O	IRRIGATION								
1	4" PVC Sleeve Irrigation Pipe Schedule 40 Purple Pipe	LF	200	\$30.00	\$6,000.00	\$20.00	\$4,000.00	\$25.00	\$5,000.00
2	1" PVC Pipe Irrigation pipe Schedule 40 Purple Pipe	LF	50	\$70.00	\$3,500.00	\$38.00	\$1,900.00	\$63.00	\$3,150.00
3	Meter Box Christy B-16 (Purple)	EA	2	\$200.00	\$400.00	\$480.00	\$960.00	\$550.00	\$1,100.00
					\$9,900.00		\$6,860.00		\$9,250.00
P	RETAINING WALL								
1	CMU Retaining Wall (Face Area)	SF	2600	\$60.00	\$156,000.00	\$62.50	\$162,500.00	\$50.00	\$130,000.00
					\$156,000.00		\$162,500.00		\$130,000.00
Q	BRIDGE								
1F	Structure Excavation (Type D)	CY	324	150.00	\$48,600.00	77.00	\$24,948.00	160.00	\$51,840.00
2F	Structure Backfill (Bridge)	CY	107	350.00	\$37,450.00	470.00	\$50,290.00	165.00	\$17,655.00
3	Furnish Piling (Class 200)(Alternative "X")	LF	1,253	43.00	\$53,879.00	50.00	\$62,650.00	70.00	\$87,710.00
4	Drive Pile (Class 200)(Alternative "X")	EA	40	2,925.00	\$117,000.00	3,500.00	\$140,000.00	4,500.00	\$180,000.00
5F	Structural Concrete, Bridge Footing	CY	74	1,000.00	\$74,000.00	455.00	\$33,670.00	610.00	\$45,140.00
6F	Structural Concrete, Abut & Wingwall	CY	151	2,000.00	\$302,000.00	1,150.00	\$173,650.00	1,150.00	\$173,650.00
7F	Structural Concrete, Deck (Polymer Fiber)	CY	177	1,500.00	\$265,500.00	1,145.00	\$202,665.00	1,400.00	\$247,800.00
8F	Structural Concrete, Approach Slab (Type N)	CY	46	1,200.00	\$55,200.00	2,000.00	\$92,000.00	987.00	\$45,402.00
9	Furnish PC/PS Concrete Wide Flange Girder (90'-100')	EA	8	40,000.00	\$320,000.00	40,000.00	\$320,000.00	44,500.00	\$356,000.00
10	Erect Precast Prestressed Concrete Wide Flange Girder	EA	8	5,400.00	\$43,200.00	5,000.00	\$40,000.00	6,500.00	\$52,000.00
11	Joint Seal (MR 1/2")	LF	124	80.00	\$9,920.00	60.00	\$7,440.00	28.00	\$3,472.00

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Ghilotti Construction, Co - Unit Cost	Ghilotti Construction Co. - Line item total	Ghilotti Brothers, Inc - Unit Cost	Ghilotti Brothers - Line item total	Bridgeway Civil Construction- Unit Cost	Bridgeway Civil Construction- Line item total
12	Bar Reinforcing Steel (Bridge)	LB	48,049	2.00	\$96,098.00	2.00	\$96,098.00	1.95	\$93,695.55
13	24" Welded Steel Pipe Casing (Bridge)	LF	49	300.00	\$14,700.00	300.00	\$14,700.00	189.00	\$9,261.00
14	Miscellaneous Metal (Bridge)	LB	150	12.00	\$1,800.00	25.00	\$3,750.00	22.00	\$3,300.00
15	Tubular Hand Railing	LF	124	68.00	\$8,432.00	92.00	\$11,408.00	80.00	\$9,920.00
16	Tubular Bicycle Railing	LF	248	88.00	\$21,824.00	167.00	\$41,416.00	115.00	\$28,520.00
17	Concrete Barrier (Type 742 Modified)	LF	124	100.00	\$12,400.00	190.00	\$23,560.00	143.00	\$17,732.00
18	Concrete Barrier (Type 80)	LF	124	150.00	\$18,600.00	425.00	\$52,700.00	364.00	\$45,136.00
19	Concrete Barrier (Type 80SW)	LF	124	200.00	\$24,800.00	500.00	\$62,000.00	410.00	\$50,840.00
<i>(F) Denotes Final Pay Quantity</i>					\$1,525,403.00		\$1,452,945.00		\$1,519,073.55
TOTAL BASE BID:					\$4,274,189.05		\$4,390,425.00		\$4,464,999.55
TOTAL BASE BID -WRITTEN NUMBER:									

DEDUCT ALTERNATIVE									
DEVLIN ROAD SEGMENT E, RDS 11-06 - DEDUCT ALTERNATIVE: WATER, RECYCLED WATER, CATHODIC PROTECTIONS, SEWER AND IRRIGATION									
ITEM	DESCRIPTION	UNIT	EST.QTY						
G	DOMESTIC WATER FACILITIES								
1	Water Pipe - 12" PVC, C900, Class 200	LF	1,052	150	\$157,800.00	100	\$105,200.00	95	\$99,940.00
2	Fire Hydrants Assembly (FH, Fire Service Line, Thrust Block, Valve, Pad, Blue Reflectors)	EA	4	6000	\$24,000.00	9000	\$36,000.00	8000	\$32,000.00
3	Connect to Existing Water	LS	1	15000	\$15,000.00	7000	\$7,000.00	3500	\$3,500.00
4	12" Water Valves	EA	6	2500	\$15,000.00	3000	\$18,000.00	2700	\$16,200.00
5	12" Air Relief Valves	EA	1	5000	\$5,000.00	4500	\$4,500.00	3700	\$3,700.00
TOTAL DEDUCT ALTERNATIVE G:					\$216,800.00		\$170,700.00		\$155,340.00
TOTAL DEDUCT ALTERNATIVE G (WRITTEN):									
H	CATHODIC PROTECTION -WATER								
1	FATS-FITTING ANODE TEST STATION W/1-17LB ANODE	EA	8	1000	\$8,000.00	900	\$7,200.00	250	\$2,000.00
2	FATS-FITTING ANODE TEST STATION W/1-9LB ANODE	EA	1	250	\$250.00	800	\$800.00	250	\$250.00
3	FHATS- FIRE HYDRANT ANODE TEST STATIONS W/1-32LB ANODE	EA	4	1000	\$4,000.00	850	\$3,400.00	350	\$1,400.00
4	MFATS- MULTIPLE ANODE TEST STATION W/2-60LB ANODES	EA	2	2000	\$4,000.00	1500	\$3,000.00	900	\$1,800.00
5	JOINT BOND - 1 BOND CABLE PER 6"-14" JOINT	EA	60	50	\$3,000.00	90	\$5,400.00	35	\$2,100.00

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Ghilotti Construction, Co - Unit Cost	Ghilotti Construction Co. - Line item total	Ghilotti Brothers, Inc - Unit Cost	Ghilotti Brothers - Line item total	Bridgeway Civil Construction- Unit Cost	Bridgeway Civil Construction- Line item total
TOTAL DEDUCT ALTERNATIVE H:					\$19,250.00		\$19,800.00		\$7,550.00
TOTAL DEDUCT ALTERNATIVE H (WRITTEN):									
I	RECYCLED WATER FACILITIES								
1	Recycled Water Pipe - 12" PVC, C900, Class 200 Purple Pipe	LF	673	100	\$67,300.00	90	\$60,570.00	60	\$40,380.00
2	Blow-off	EA	2	3000	\$6,000.00	3500	\$7,000.00	2400	\$4,800.00
TOTAL DEUCT ALTERNATIVE I:					\$73,300.00		\$67,570.00		\$45,180.00
TOTAL DEDUCT ALTERNATIVE I (WRITTEN):									
J	CATHODIC PROTECTION - RECYCLED WATER								
1	FATS - Anodes Test Station W/1-17LB Anodes	EA	2	1000	\$2,000.00	900	\$1,800.00	280	\$560.00
2	ATS - Anodes Test Station W/1-9LB Anodes	EA	1	250	\$250.00	800	\$800.00	250	\$250.00
TOTAL DEDUCT ALTERNATIVE J:					\$2,250.00		\$2,600.00		\$810.00
TOTAL DEDUCT ALTERNATIVE J (WRITTEN):									
K	SANITARY SEWER FACILITIES								
1	Sewer Pipe - 8" PVC SDR 35	LF	402	60	\$24,120.00	65	\$26,130.00	80	\$32,160.00
2	Sewer Cleanout	EA	1	1000	\$1,000.00	1300	\$1,300.00	1100	\$1,100.00
3	Sewer Manhole with Frame and Cover - 48"	EA	2	7000	\$14,000.00	4700	\$9,400.00	4000	\$8,000.00
4	Connect to Existing Sewer	EA	1	1000	\$1,000.00	800	\$800.00	800	\$800.00
TOTAL DEDUCT ALTERNATIVE K:					\$40,120.00		\$37,630.00		\$42,060.00
TOTAL DEDUCT ALTERNATIVE K (WRITTEN):									
O	IRRIGATION								
1	4" PVC Sleeve Irrigation Pipe Schedule 40 Purple Pipe	LF	200	30	\$6,000.00	20	\$4,000.00	25	\$5,000.00
2	1" PVC Pipe Irrigation Pipe Schedule 40 Purple Pipe	LF	50	70	\$3,500.00	38	\$1,900.00	60	\$3,000.00
3	Meter Box Christy B-16 (Purple)	EA	2	200	\$400.00	480	\$960.00	25	\$50.00
TOTAL DEDUCT ALTERNATIVE O:					\$9,900.00		\$6,860.00		\$8,050.00
TOTAL DEDUCT ALTERNATIVE O (WRITTEN):									
DEVLIN ROAD SEGMENT E, RDS 11-06 - DEDUCT ALTERNATIVE: ROADWAY									
	DESCRIPTION	UNIT	EST.QTY						
A	DEDUCT ALTERNATIVE 1 - STREET LIGHT								
1	Solar Street Lighting System	EA	2	10456	\$20,912.00	12000	\$24,000.00	12000	\$24,000.00
TOTAL DEDUCT ALTERNATIVE I:					\$20,912.00		\$24,000.00		\$24,000.00
TOTAL DEDUCT ALTERNATIVE I (WRITTEN):									
B	DEDUCT ALTERNATIVE 2 - ELECTRICAL (EMPTY CONDUITS FOR FUTURE)								
1	3" C&MT (Future Signal Interconnect-Under Sidewalk)	LF	931	25	\$23,275.00	15	\$13,965.00	18	\$16,758.00

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Ghilotti Construction, Co - Unit Cost	Ghilotti Construction Co. - Line item total	Ghilotti Brothers, Inc - Unit Cost	Ghilotti Brothers - Line item total	Bridgeway Civil Construction- Unit Cost	Bridgeway Civil Construction- Line item total
TOTAL DEDUCT ALTERNATIVE 2:					\$23,275.00		\$13,965.00		\$16,758.00
TOTAL DEDUCT ALTERNATIVE 2 (WRITTEN):									
C	DEDUCT ALTERNATIVE 3 - PAVEMENT MARKINGS, STRIPING AND SIGNAGE								
1	4" Yellow Stripe	LF	50	0.65	\$32.50	2	\$100.00	2	\$100.00
2	Striping (12")	LF	307	2.5	\$767.50	3.5	\$1,074.50	4	\$1,228.00
3	Detail 32 Stripe	LF	1,959	0.65	\$1,273.35	1.75	\$3,428.25	2	\$3,918.00
4	Detail 38 Stripe	LF	75	0.65	\$48.75	1.75	\$131.25	2	\$150.00
5	Detail 22 Stripe	LF	143	0.65	\$92.95	1.75	\$250.25	2	\$286.00
6	Pavement Markings	SF	495	4	\$1,980.00	1.75	\$866.25	2	\$990.00
7	Stop Sign R1-1 (18"x18")	EA	2	250	\$500.00	170	\$340.00	2	\$4.00
8	Stop Sign (Bike sign) R1-1 (Half Size)	EA	1	250	\$250.00	170	\$170.00	200	\$200.00
9	Speed limit Sign R2-1	EA	2	250	\$500.00	180	\$360.00	225	\$450.00
10	Street Name Sign Napa County Std D-6	EA	1	250	\$250.00	340	\$340.00	400	\$400.00
11	Install "No Parking Anytime" Sign R7-1	EA	18	250	\$4,500.00	160	\$2,880.00	200	\$3,600.00
12	Install "Yield To Pedestrian" Sign R9-6	EA	2	250	\$500.00	210	\$420.00	250	\$500.00
13	Install "Bike Lane" Sign R81 CA	EA	2	250	\$500.00	210	\$420.00	200	\$400.00
14	Install Vine Trail Sign approximately 12"x24" supplied by County. Contractor shall provide post/foundation, etc.	EA	1	250	\$250.00	150	\$150.00	200	\$200.00
15	Install W5-4a Sign Per Caltrans Standards	EA	2	250	\$500.00	225	\$450.00	250	\$500.00
TOTAL DEDUCT ALTERNATIVE 3:					\$11,945.05		\$11,380.50		\$12,926.00
TOTAL DEDUCT ALTERNATIVE 3 (WRITTEN):									
D	DEDUCT ALTERNATIVE 4 - BRIDGE								
1	Tubular Hand Railing	LF	124	68	\$8,432.00	60	\$7,440.00	77	\$9,548.00
2	Tubular Bicycle Railing	LF	248	88	\$21,824.00	105	\$26,040.00	111	\$27,528.00
3	Concrete Barrier (Type 742 Modified)	LF	124	100	\$12,400.00	140	\$17,360.00	138	\$17,112.00
4	Concrete Barrier (Type 80)	LF	124	150	\$18,600.00	315	\$39,060.00	350	\$43,400.00
5	Concrete Barrier (Type 80SW)	LF	124	200	\$24,800.00	375	\$46,500.00	410	\$50,840.00
TOTAL DEDUCT ALTERNATIVE 4:					\$86,056.00		\$136,400.00		\$148,428.00
TOTAL DEDUCT ALTERNATIVE 4 (WRITTEN):									
E	DEDUCT ALTERNATIVE 5 - ROAD								
1	HMA Type B (Road)	TON	1,460	85	\$124,100.00	90	\$131,400.00	78	\$113,880.00
2	Aggregate Base (Class II) (Road, Sidewalk, and Multi-Path)	CY	815	65	\$52,975.00	55	\$44,825.00	40	\$32,600.00
3	ADA Ramp	EA	2	2000	\$4,000.00	3560	\$7,120.00	500	\$1,000.00
4	Sidewalk	SF	5,000	5	\$25,000.00	8	\$40,000.00	4	\$20,000.00
5	Bike Guard Railing	LF	175	100	\$17,500.00	25	\$4,375.00	33	\$5,775.00
6	Caltrans Type 12A Guardrail	LF	161	50	\$8,050.00	145	\$23,345.00	120	\$19,320.00
7	Caltrans Type 12DD Guardrail	LF	100	65	\$6,500.00	115	\$11,500.00	50	\$5,000.00
TOTAL DEDUCT ALTERNATIVE 5:					\$238,125.00		\$262,565.00		\$197,575.00
TOTAL DEDUCT ALTERNATIVE 5 (WRITTEN):									

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Ghilotti Construction, Co - Unit Cost	Ghilotti Construction Co. - Line item total	Ghilotti Brothers, Inc - Unit Cost	Ghilotti Brothers - Line item total	Bridgeway Civil Construction- Unit Cost	Bridgeway Civil Construction- Line item total
ADD ALTERNATIVE 1									
DEVLINE ROAD SEGMENT E, RDS 11-06 - ADD ALTERNATIVE 1									
ITEM	DESCRIPTION	UNIT	EST.QTY						
A	FENCE								
1	Install Temporary Construction Fence	LF	2,200	20	\$44,000.00	25	\$55,000.00	20	\$44,000.00
TOTAL ADD ALTERNATIVE 1:					\$44,000.00		\$55,000.00		\$44,000.00
TOTAL ADD ALTERNATIVE 1 - WRITTEN:									
ADD ALTERNATIVE 2									
DEVLINE ROAD SEGMENT E, RDS 11-06 - ADD ALTERNATIVE 2									
ITEM	DESCRIPTION	UNIT	EST.QTY						
B	LIGHT FOUNDATION								
1	Remove Light Foundation at Boral Stone	EA	3	1500	\$4,500.00	1500	\$4,500.00	3900	\$11,700.00
TOTAL ADD ALTERNATIVE 2:					\$4,500.00		\$4,500.00		\$11,700.00
TOTAL ADD ALTERNATIVE 2 - WRITTEN:									

County of Napa Public Works Department

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Gordon N. Ball, Inc - Unit Cost	Gordon N. Ball, Inc. - Line item total	Mccullough Construction, Inc - Unit Cost	McCullough Construction, Inc - Line item total	Northern Pacific Corporation - Unit Cost	Northern Pacific Corporation- Line item total
A	GENERAL								
1	Mobilization	LS	1	\$460,000.00	\$460,000.00	\$509,194.00	\$509,194.00	\$460,000.00	\$460,000.00
2	Clearing and Grubbing (including disposal of cut trees)	LS	1	\$75,000.00	\$75,000.00	\$260,226.00	\$260,226.00	\$20,000.00	\$20,000.00
3	Traffic Control	LS	1	\$50,000.00	\$50,000.00	\$122,140.00	\$122,140.00	\$50,000.00	\$50,000.00
4	Storm Water Pollution Prevention (Including Hydroseed)	LS	1	\$50,000.00	\$50,000.00	\$98,334.00	\$98,334.00	\$25,000.00	\$25,000.00
					\$635,000.00		\$989,894.00		\$555,000.00
B	DEMOLITION								
1	Remove and Salvage Fences and Gates	LF	855	\$15.00	\$12,825.00	\$7.60	\$6,498.00	\$4.00	\$3,420.00
2	Remove Misc Road Signs Panels & Posts	EA	2	\$500.00	\$1,000.00	\$50.00	\$100.00	\$350.00	\$700.00
3	Remove Storm Drain Catch Basin	EA	1	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
4	Remove asphalt concrete and concrete pavement, asphalt concrete curb, driveways, curb and gutters, misc. items, etc.	LS	1	\$50,000.00	\$50,000.00	\$54,212.00	\$54,212.00	\$82,000.00	\$82,000.00
5	Hazmat Abatement - Two story office building at Tower Road	LS	1	\$10,000.00	\$10,000.00	\$70,758.00	\$70,758.00	\$20,000.00	\$20,000.00
6	Remove Two Buildings, foundation, septic system and misc utility services, etc	LS	1	\$75,000.00	\$75,000.00	\$263,700.00	\$263,700.00	\$102,000.00	\$102,000.00
7	Remove existing stop bar pavement markings	LS	1	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$100.00	\$100.00
8	Remove & Relocate Real Estate Sign & Post	LS	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$250.00	\$250.00
					\$159,825.00		\$400,768.00		\$209,970.00
C	EARTHWORK								
1	Excavation and Grading	CY	3,210	\$70.00	\$224,700.00	\$43.07	\$138,254.70		\$192,600.00
2	Import Soil	CY	2,450	\$1.00	\$2,450.00	\$36.43	\$89,253.50	\$60.00	\$147,000.00
3	Export Soil	CY	100	\$40.00	\$4,000.00	\$29.99	\$2,999.00	\$60.00	\$6,000.00
4	Lime Treatment in place (3+23.05 to 6+50) & (12+75 to End)	SF	26,400	\$2.00	\$52,800.00	\$2.03	\$53,592.00	\$1.50	\$39,600.00
5	Lime Treatment At Site And Move Over TDA/MIRAFI (areas with TDA)	SF	32,800	\$2.50	\$82,000.00	\$2.59	\$84,952.00	\$3.50	\$114,800.00
6	Offhaul Soil (hazardous material)	CY	100	\$150.00	\$15,000.00	\$240.00	\$24,000.00	\$125.00	\$12,500.00
7	Tire Derived Aggregates (TDA) (Installed)	TON	3,900	\$110.00	\$429,000.00	\$61.94	\$241,566.00	\$110.00	\$429,000.00
8	Geotextile Filter Fabric (installed)	SF	50,000	\$1.00	\$50,000.00	\$0.41	\$20,500.00	\$2.20	\$110,000.00
					\$859,950.00		\$655,117.20		\$1,051,500.00
D	ROAD								
1	HMA Type B (Road and Multi-Path)	TON	1,600	\$120.00	\$192,000.00	\$133.36	\$213,376.00	\$120.00	\$192,000.00
2	Aggregate Base (Class II) (Road, Sidewalk, Multi-Path, Utility Trench)	CY	2,100	\$50.00	\$105,000.00	\$62.14	\$130,494.00	\$80.00	\$168,000.00
3	Sawcut	LF	273	\$5.00	\$1,365.00	\$5.00	\$1,365.00	\$3.00	\$819.00
4	Grinding	SF	4,300	\$2.00	\$8,600.00	\$2.00	\$8,600.00	\$1.50	\$6,450.00
5	Concrete Curb and Gutter (standard)	LF	1,215	\$50.00	\$60,750.00	\$35.00	\$42,525.00	\$25.60	\$31,104.00
6	Deepened Curb at Bioswale	LF	747	\$75.00	\$56,025.00	\$60.00	\$44,820.00	\$52.00	\$38,844.00
7	Driveway	SF	125	\$25.00	\$3,125.00	\$10.00	\$1,250.00	\$9.00	\$1,125.00

County of Napa Public Works Department

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Gordon N. Ball, Inc - Unit Cost	Gordon N. Ball, Inc. - Line item total	Mccullough Construction, Inc - Unit Cost	McCullough Construction, Inc - Line item total	Northern Pacific Corporation - Unit Cost	Northern Pacific Corporation- Line item total
8	ADA Ramp	EA	2	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$2,300.00	\$4,600.00
9	Sidewalk	SF	5,000	\$5.00	\$25,000.00	\$5.00	\$25,000.00	\$5.40	\$27,000.00
10	Rock Slope Protection - Placement Method A	CY	275	\$150.00	\$41,250.00	\$143.21	\$39,382.75	\$265.00	\$72,875.00
11	Bike Guard Railing	LF	175	\$50.00	\$8,750.00	\$34.50	\$6,037.50	\$39.00	\$6,825.00
12	Caltrans Type 12A Guardrail	LF	161	\$50.00	\$8,050.00	\$140.00	\$22,540.00	\$140.00	\$22,540.00
13	Caltrans Type 12DD Guardrail	LF	100	\$65.00	\$6,500.00	\$70.00	\$7,000.00	\$70.00	\$7,000.00
14	Standard 6' Chain Link Fence with 24" Barbed Wire	LF	730	\$32.00	\$23,360.00	\$25.25	\$18,432.50	\$39.50	\$28,835.00
15	Reset Survey Monument	LS	1	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00
					\$543,775.00		\$564,022.75		\$610,517.00
E	STORM DRAIN FACILITIES								
1	Storm Drain Catch Basin (D-3 Type C)	EA	2	\$5,000.00	\$10,000.00	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00
2	Storm Drain Drop Inlet (Old Castle Model DI-2424)	EA	2	\$3,000.00	\$6,000.00	\$600.00	\$1,200.00	\$2,600.00	\$5,200.00
3	Storm Drain Manhole with Frame and Cover - 48" Std. 5.01	EA	3	\$10,000.00	\$30,000.00	\$9,500.00	\$28,500.00	\$9,000.00	\$27,000.00
4	4" Perforated Storm Drain Pipe (Schedule 40)	LF	434	\$10.00	\$4,340.00	\$19.00	\$8,246.00	\$10.00	\$4,340.00
5	6" Storm Drain Pipe (HDPE AWWA C906)	LF	217	\$100.00	\$21,700.00	\$37.16	\$8,063.72	\$45.00	\$9,765.00
6	8" Plastic Storm Drain Pipe (HDPE AWWA C906)	LF	15	\$80.00	\$1,200.00	\$46.00	\$690.00	\$65.00	\$975.00
7	12" RCP Storm Drain Pipe (Class III 1500-D)	LF	16	\$100.00	\$1,600.00	\$105.00	\$1,680.00	\$120.00	\$1,920.00
8	15" RCP Storm Drain Pipe (Class III 1500-D)	LF	140	\$75.00	\$10,500.00	\$106.38	\$14,893.20	\$120.00	\$16,800.00
9	Curb Inlet (Detail 5, Sheet CD1)	EA	8	\$2,000.00	\$16,000.00	\$300.00	\$2,400.00	\$400.00	\$3,200.00
10	Curb Inlet (Detail 7, Sheet CD1)	EA	9	\$200.00	\$1,800.00	\$100.00	\$900.00	\$475.00	\$4,275.00
					\$103,140.00		\$71,572.92		\$78,475.00
F	BIO-RETENTION FACILITIES								
1	Bio-Retention Swales	SF	6,075	\$2.00	\$12,150.00	\$4.56	\$27,702.00	\$5.40	\$32,805.00
2	18" Loamy Sand	CY	250	\$100.00	\$25,000.00	\$82.16	\$20,540.00	\$180.00	\$45,000.00
3	6" Perforated Pipe (for Bio-Retention Swale)	LF	1,515	\$10.00	\$15,150.00	\$18.47	\$27,982.05	\$10.00	\$15,150.00
4	Storm Drain Drop Inlet (Old Castle Model DI-2424)	EA	4	\$3,000.00	\$12,000.00	\$1,000.00	\$4,000.00	\$3,600.00	\$14,400.00
					\$64,300.00		\$80,224.05		\$107,355.00
G	DOMESTIC WATER FACILITIES								
1	Water Pipe - 12" PVC, C900, Class 200	LF	1,052	\$170.00	\$178,840.00	\$132.64	\$139,537.28	\$238.00	\$250,376.00
2	Fire Hydrants Assembly (FH, Fire Service Line, Thrust Block, Valve, Pad, Blue reflectors)	EA	4	\$10,000.00	\$40,000.00	\$14,075.00	\$56,300.00	\$10,500.00	\$42,000.00
3	Connect to Existing Water	LS	1	\$5,000.00	\$5,000.00	\$10,420.00	\$10,420.00	\$10,000.00	\$10,000.00
4	12" Water Valves	EA	6	\$4,000.00	\$24,000.00	\$4,500.00	\$27,000.00	\$4,000.00	\$24,000.00
5	12" Air Relief Valves	EA	1	\$5,000.00	\$5,000.00	\$5,875.00	\$5,875.00	\$7,500.00	\$7,500.00
					\$252,840.00		\$239,132.28		\$333,876.00

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Gordon N. Ball, Inc - Unit Cost	Gordon N. Ball, Inc. - Line item total	Mccullough Construction, Inc - Unit Cost	McCullough Construction, Inc - Line item total	Northern Pacific Corporation - Unit Cost	Northern Pacific Corporation- Line item total
H	CATHODIC PROTECTION -WATER								
1	FATS-FITTING ANODE TEST STATION W/1-17LB ANODE	EA	8	\$300.00	\$2,400.00	\$568.00	\$4,544.00	\$800.00	\$6,400.00
2	FATS-FITTING ANODE TEST STATION W/1-9LB ANODE	EA	1	\$400.00	\$400.00	\$744.00	\$744.00	\$750.00	\$750.00
3	FHATS- FIRE HYDRANT ANODE TEST STATIONS W/1-32LB ANODE	EA	4	\$500.00	\$2,000.00	\$744.00	\$2,976.00	\$1,000.00	\$4,000.00
4	MFATS- MULTIPLE ANODE TEST STATION W/2-60LB ANODES	EA	2	\$1,200.00	\$2,400.00	\$1,520.00	\$3,040.00	\$1,500.00	\$3,000.00
5	JOINT BOND - 1 BOND CABLE PER 6"-14" JOINT	EA	60	\$50.00	\$3,000.00	\$29.00	\$1,740.00	\$175.00	\$10,500.00
					\$10,200.00		\$13,044.00		\$24,650.00
I	RECYCLED WATER FACILITIES								
1	Recycled Water Pipe - 12" PVC, C900, Class 200 Purple Pipe	LF	673	\$90.00	\$60,570.00	\$90.83	\$61,128.59	\$130.00	\$87,490.00
2	Blow-off	EA	2	\$3,000.00	\$6,000.00	\$5,000.00	\$10,000.00	\$3,500.00	\$7,000.00
					\$66,570.00		\$71,128.59		\$94,490.00
J	CATHODIC PROTECTION - RECYCLED WATER								
1	FATS - Anodes Test Station W/1-17LB Anodes	EA	2	\$400.00	\$800.00	\$568.00	\$1,136.00	\$850.00	\$1,700.00
2	ATS - Anodes Test Station W/1-9LB Anodes	EA	1	\$400.00	\$400.00	\$360.00	\$360.00	\$700.00	\$700.00
					\$1,200.00		\$1,496.00		\$2,400.00
K	SANITARY SEWER FACILITIES								
1	Sewer Pipe - 8" PVC SDR 35	LF	402	\$120.00	\$48,240.00	\$54.57	\$21,937.14	\$100.00	\$40,200.00
2	Sewer Cleanout	EA	1	\$1,500.00	\$1,500.00	\$3,200.00	\$3,200.00	\$1,400.00	\$1,400.00
3	Sewer Manhole with Frame and Cover - 48"	EA	2	\$6,000.00	\$12,000.00	\$10,500.00	\$21,000.00	\$10,400.00	\$20,800.00
4	Connect to Existing Sewer	EA	1	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
					\$62,740.00		\$48,637.14		\$67,400.00
L	STREET LIGHT								
1	Solar Street Lighting System	EA	2	\$8,000.00	\$16,000.00	\$15,570.00	\$31,140.00	\$13,500.00	\$27,000.00
					\$16,000.00		\$31,140.00		\$27,000.00
M	ELECTRICAL (EMPTY CONDUITS FOR FUTURE)								
1	3" C&MT (Future Signal Interconnect-Under Sidewalk)	LF	931	\$30.00	\$27,930.00	\$21.00	\$19,551.00	\$20.00	\$18,620.00
2	4" Conduit (Future Signal Interconnect-at Bridge)	LF	119	\$25.00	\$2,975.00	\$83.00	\$9,877.00	\$85.00	\$10,115.00
3	4" Conduit (Future AT&T-at Bridge)	LF	119	\$25.00	\$2,975.00	\$83.00	\$9,877.00	\$85.00	\$10,115.00
4	2" Conduit (Future Electrical-at Bridge)	LF	119	\$25.00	\$2,975.00	\$38.00	\$4,522.00	\$43.00	\$5,117.00
5	2" Conduit (Future Electrical Interconnect-at Bridge)	LF	119	\$25.00	\$2,975.00	\$38.00	\$4,522.00	\$43.00	\$5,117.00
6	Pull Box	EA	7	\$500.00	\$3,500.00	\$550.00	\$3,850.00	\$750.00	\$5,250.00
					\$43,330.00		\$52,199.00		\$54,334.00
N	PAVEMENT MARKINGS,STRIPING AND SIGNAGE								
1	4" Yellow Stripe	LF	50	\$1.00	\$50.00	\$1.00	\$50.00	\$5.00	\$250.00

County of Napa Public Works Department

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Gordon N. Ball, Inc - Unit Cost	Gordon N. Ball, Inc. - Line item total	Mccullough Construction, Inc - Unit Cost	McCullough Construction, Inc - Line item total	Northern Pacific Corporation - Unit Cost	Northern Pacific Corporation- Line item total
2	Striping (12")	LF	307	\$5.00	\$1,535.00	\$5.00	\$1,535.00	\$5.00	\$1,535.00
3	Detail 32 Stripe	LF	1,959	\$4.00	\$7,836.00	\$4.00	\$7,836.00	\$4.00	\$7,836.00
4	Detail 38 Stripe	LF	75	\$2.00	\$150.00	\$2.50	\$187.50	\$3.00	\$225.00
5	Detail 22 Stripe	LF	143	\$3.00	\$429.00	\$3.00	\$429.00	\$3.00	\$429.00
6	Pavement Markings	SF	495	\$6.00	\$2,970.00	\$6.00	\$2,970.00	\$6.00	\$2,970.00
7	Stop Sign R1-1 (18"x18")	EA	2	\$400.00	\$800.00	\$450.00	\$900.00	\$450.00	\$900.00
8	Stop Sign (Bike sign) R1-1 (Half Size)	EA	1	\$400.00	\$400.00	\$400.00	\$400.00	\$400.00	\$400.00
9	Speed limit Sign R2-1	EA	2	\$450.00	\$900.00	\$450.00	\$900.00	\$450.00	\$900.00
10	Street Name Sign Napa County Std D-6	EA	1	\$550.00	\$550.00	\$550.00	\$550.00	\$550.00	\$550.00
11	Install "No Parking Anytime" Sign R7-1	EA	18	\$400.00	\$7,200.00	\$400.00	\$7,200.00	\$400.00	\$7,200.00
12	Install "Yield To Pedestrian" Sign R9-6	EA	2	\$450.00	\$900.00	\$450.00	\$900.00	\$450.00	\$900.00
13	Instll "Bike Lane" Sign R81 CA	EA	2	\$450.00	\$900.00	\$450.00	\$900.00	\$450.00	\$900.00
14	Install Vine Trail Sign approximately 12"x24" supplied by County. Contractor shall provide post/foundation, etc.	EA	1	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00
15	Install W5-4a Sign Per Caltrans Standards	EA	2	\$450.00	\$900.00	\$450.00	\$900.00	\$450.00	\$900.00
					\$25,820.00		\$25,957.50		\$26,195.00
O	IRRIGATION								
1	4" PVC Sleeve Irrigation Pipe Schedule 40 Purple Pipe	LF	200	\$25.00	\$5,000.00	\$40.00	\$8,000.00	\$58.00	\$11,600.00
2	1" PVC Pipe Irrigation pipe Schedule 40 Purple Pipe	LF	50	\$30.00	\$1,500.00	\$30.00	\$1,500.00	\$35.00	\$1,750.00
3	Meter Box Christy B-16 (Purple)	EA	2	\$400.00	\$800.00	\$450.00	\$900.00	\$300.00	\$600.00
					\$7,300.00		\$10,400.00		\$13,950.00
P	RETAINING WALL								
1	CMU Retaining Wall (Face Area)	SF	2600	\$65.00	\$169,000.00	\$50.16	\$130,416.00	\$63.00	\$163,800.00
					\$169,000.00		\$130,416.00		\$163,800.00
Q	BRIDGE								
1F	Structure Excavation (Type D)	CY	324	300.00	\$97,200.00	203.83	\$66,040.92	225.00	\$72,900.00
2F	Structure Backfill (Bridge)	CY	107	100.00	\$10,700.00	216.02	\$23,114.14	850.00	\$90,950.00
3	Furnish Piling (Class 200)(Alternative "X")	LF	1,253	15.00	\$18,795.00	15.00	\$18,795.00	50.00	\$62,650.00
4	Drive Pile (Class 200)(Alternative "X")	EA	40	5,000.00	\$200,000.00	3,055.00	\$122,200.00	3,500.00	\$140,000.00
5F	Structural Concrete, Bridge Footing	CY	74	550.00	\$40,700.00	1,378.66	\$102,020.84	455.00	\$33,670.00
6F	Structural Concrete, Abut & Wingwall	CY	151	2,000.00	\$302,000.00	1,524.21	\$230,155.71	1,150.00	\$173,650.00
7F	Structural Concrete, Deck (Polymer Fiber)	CY	177	1,500.00	\$265,500.00	1,654.19	\$292,791.63	1,145.00	\$202,665.00
8F	Structural Concrete, Approach Slab (Type N)	CY	46	1,000.00	\$46,000.00	1,115.87	\$51,330.02	2,000.00	\$92,000.00
9	Furnish PC/PS Concrete Wide Flange Girder (90'-100')	EA	8	50,000.00	\$400,000.00	38,912.00	\$311,296.00	40,000.00	\$320,000.00
10	Erect Precast Prestressed Concrete Wide Flange Girder	EA	8	8,000.00	\$64,000.00	4,473.00	\$35,784.00	5,000.00	\$40,000.00
11	Joint Seal (MR 1/2")	LF	124	125.00	\$15,500.00	70.00	\$8,680.00	60.00	\$7,440.00

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Gordon N. Ball, Inc - Unit Cost	Gordon N. Ball, Inc. - Line item total	Mccullough Construction, Inc - Unit Cost	McCullough Construction, Inc - Line item total	Northern Pacific Corporation - Unit Cost	Northern Pacific Corporation- Line item total
12	Bar Reinforcing Steel (Bridge)	LB	48,049	1.00	\$48,049.00	1.95	\$93,695.55	2.00	\$96,098.00
13	24" Welded Steel Pipe Casing (Bridge)	LF	49	300.00	\$14,700.00	200.00	\$9,800.00	1,250.00	\$61,250.00
14	Miscellaneous Metal (Bridge)	LB	150	50.00	\$7,500.00	6.00	\$900.00	25.00	\$3,750.00
15	Tubular Hand Railing	LF	124	95.00	\$11,780.00	54.00	\$6,696.00	105.00	\$13,020.00
16	Tubular Bicycle Railing	LF	248	120.00	\$29,760.00	117.00	\$29,016.00	115.00	\$28,520.00
17	Concrete Barrier (Type 742 Modified)	LF	124	150.00	\$18,600.00	196.26	\$24,336.24	190.00	\$23,560.00
18	Concrete Barrier (Type 80)	LF	124	250.00	\$31,000.00	290.66	\$36,041.84	425.00	\$52,700.00
19	Concrete Barrier (Type 80SW)	LF	124	220.00	\$27,280.00	396.59	\$49,177.16	500.00	\$62,000.00
	<i>(F) Denotes Final Pay Quantity</i>				\$1,649,064.00		\$1,511,871.05		\$1,576,823.00
	TOTAL BASE BID:				\$4,670,054.00		\$4,897,020.48		\$4,997,735.00
TOTAL BASE BID -WRITTEN NUMBER:									

DEDUCT ALTERNATIVE									
DEVLIN ROAD SEGMENT E, RDS 11-06 - DEDUCT ALTERNATIVE: WATER, RECYCLED WATER, CATHODIC PROTECTIONS, SEWER AND IRRIGATION									
ITEM	DESCRIPTION	UNIT	EST.QTY						
G	DOMESTIC WATER FACILITIES								
1	Water Pipe - 12" PVC, C900, Class 200	LF	1,052	170	\$178,840.00	132.64	\$139,537.28	170	\$178,840.00
2	Fire Hydrants Assembly (FH, Fire Service Line, Thrust Block, Valve, Pad, Blue Reflectors)	EA	4	10000	\$40,000.00	14075	\$56,300.00	8000	\$32,000.00
3	Connect to Existing Water	LS	1	5000	\$5,000.00	10420	\$10,420.00	9000	\$9,000.00
4	12" Water Valves	EA	6	4000	\$24,000.00	4500	\$27,000.00	3500	\$21,000.00
5	12" Air Relief Valves	EA	1	5000	\$5,000.00	5875	\$5,875.00	6500	\$6,500.00
	TOTAL DEDUCT ALTERNATIVE G:				\$252,840.00		\$239,132.28		\$247,340.00
	TOTAL DEDUCT ALTERNATIVE G (WRITTEN):								
H	CATHODIC PROTECTION -WATER								
1	FATS-FITTING ANODE TEST STATION W/1-17LB ANODE	EA	8	300	\$2,400.00	568	\$4,544.00	700	\$5,600.00
2	FATS-FITTING ANODE TEST STATION W/1-9LB ANODE	EA	1	400	\$400.00	744	\$744.00	675	\$675.00
3	FHATS- FIRE HYDRANT ANODE TEST STATIONS W/1-32LB ANODE	EA	4	500	\$2,000.00	744	\$2,976.00	825	\$3,300.00
4	MFATS- MULTIPLE ANODE TEST STATION W/2-60LB ANODES	EA	2	1200	\$2,400.00	1520	\$3,040.00	1200	\$2,400.00
5	JOINT BOND - 1 BOND CABLE PER 6"-14" JOINT	EA	60	50	\$3,000.00	29	\$1,740.00	145	\$8,700.00

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Gordon N. Ball, Inc - Unit Cost	Gordon N. Ball, Inc. - Line item total	Mccullough Construction, Inc - Unit Cost	McCullough Construction, Inc - Line item total	Northern Pacific Corporation - Unit Cost	Northern Pacific Corporation- Line item total
TOTAL DEDUCT ALTERNATIVE H:					\$10,200.00		\$13,044.00		\$20,675.00
TOTAL DEDUCT ALTERNATIVE H (WRITTEN):									
I	RECYCLED WATER FACILITIES								
1	Recycled Water Pipe - 12" PVC, C900, Class 200 Purple Pipe	LF	673	90	\$60,570.00	90.83	\$61,128.59	105	\$70,665.00
2	Blow-off	EA	2	3000	\$6,000.00	5000	\$10,000.00	6000	\$12,000.00
TOTAL DEUCT ALTERNATIVE I:					\$66,570.00		\$71,128.59		\$82,665.00
TOTAL DEDUCT ALTERNATIVE I (WRITTEN):									
J	CATHODIC PROTECTION - RECYCLED WATER								
1	FATS - Anodes Test Station W/1-17LB Anodes	EA	2	400	\$800.00	568	\$1,136.00	700	\$1,400.00
2	ATS - Anodes Test Station W/1-9LB Anodes	EA	1	400	\$400.00	360	\$360.00	650	\$650.00
TOTAL DEDUCT ALTERNATIVE J:					\$1,200.00		\$1,496.00		\$2,050.00
TOTAL DEDUCT ALTERNATIVE J (WRITTEN):									
K	SANITARY SEWER FACILITIES								
1	Sewer Pipe - 8" PVC SDR 35	LF	402	120	\$48,240.00	54.57	\$21,937.14	80	\$32,160.00
2	Sewer Cleanout	EA	1	1500	\$1,500.00	3200	\$3,200.00	750	\$750.00
3	Sewer Manhole with Frame and Cover - 48"	EA	2	6000	\$12,000.00	10500	\$21,000.00	7000	\$14,000.00
4	Connect to Existing Sewer	EA	1	1000	\$1,000.00	2500	\$2,500.00	4000	\$4,000.00
TOTAL DEDUCT ALTERNATIVE K:					\$62,740.00		\$48,637.14		\$50,910.00
TOTAL DEDUCT ALTERNATIVE K (WRITTEN):									
O	IRRIGATION								
1	4" PVC Sleeve Irrigation Pipe Schedule 40 Purple Pipe	LF	200	25	\$5,000.00	40	\$8,000.00	40	\$8,000.00
2	1" PVC Pipe Irrigation Pipe Schedule 40 Purple Pipe	LF	50	30	\$1,500.00	30	\$1,500.00	25	\$1,250.00
3	Meter Box Christy B-16 (Purple)	EA	2	400	\$800.00	450	\$900.00	250	\$500.00
TOTAL DEDUCT ALTERNATIVE O:					\$7,300.00		\$10,400.00		\$9,750.00
TOTAL DEDUCT ALTERNATIVE O (WRITTEN):									
DEVLIN ROAD SEGMENT E, RDS 11-06 - DEDUCT ALTERNATIVE: ROADWAY									
	DESCRIPTION	UNIT	EST.QTY						
A	DEDUCT ALTERNATIVE 1 - STREET LIGHT								
1	Solar Street Lighting System	EA	2	8000	\$16,000.00		\$0.00	12500	\$25,000.00
TOTAL DEDUCT ALTERNATIVE I:					\$16,000.00	10000	\$0.00		\$25,000.00
TOTAL DEDUCT ALTERNATIVE I (WRITTEN):									
B	DEDUCT ALTERNATIVE 2 - ELECTRICAL (EMPTY CONDUITS FOR FUTURE)								
1	3" C&MT (Future Signal Interconnect-Under Sidewalk)	LF	931	30	\$27,930.00	18	\$16,758.00	42	\$39,102.00

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Gordon N. Ball, Inc - Unit Cost	Gordon N. Ball, Inc. - Line item total	Mccullough Construction, Inc - Unit Cost	McCullough Construction, Inc - Line item total	Northern Pacific Corporation - Unit Cost	Northern Pacific Corporation- Line item total
TOTAL DEDUCT ALTERNATIVE 2:					\$27,930.00		\$16,758.00		\$39,102.00
TOTAL DEDUCT ALTERNATIVE 2 (WRITTEN):									
C	DEDUCT ALTERNATIVE 3 - PAVEMENT MARKINGS, STRIPING AND SIGNAGE								
1	4" Yellow Stripe	LF	50	1	\$50.00	1	\$50.00	2	\$100.00
2	Striping (12")	LF	307	5	\$1,535.00	5	\$1,535.00	4	\$1,228.00
3	Detail 32 Stripe	LF	1,959	4	\$7,836.00	4	\$7,836.00	2	\$3,918.00
4	Detail 38 Stripe	LF	75	2	\$150.00	2.5	\$187.50	2	\$150.00
5	Detail 22 Stripe	LF	143	3	\$429.00	3	\$429.00	2	\$286.00
6	Pavement Markings	SF	495	6	\$2,970.00	6	\$2,970.00	2	\$990.00
7	Stop Sign R1-1 (18"x18")	EA	2	400	\$800.00	450	\$900.00	225	\$450.00
8	Stop Sign (Bike sign) R1-1 (Half Size)	EA	1	400	\$400.00	400	\$400.00	225	\$225.00
9	Speed limit Sign R2-1	EA	2	450	\$900.00	450	\$900.00	225	\$450.00
10	Street Name Sign Napa County Std D-6	EA	1	550	\$550.00	550	\$550.00	450	\$450.00
11	Install "No Parking Anytime" Sign R7-1	EA	18	400	\$7,200.00	400	\$7,200.00	220	\$3,960.00
12	Install "Yield To Pedestrian" Sign R9-6	EA	2	450	\$900.00	450	\$900.00	300	\$600.00
13	Install "Bike Lane" Sign R81 CA	EA	2	450	\$900.00	450	\$900.00	250	\$500.00
14	Install Vine Trail Sign approximately 12"x24" supplied by County. Contractor shall provide post/foundation, etc.	EA	1	300	\$300.00	300	\$300.00	200	\$200.00
15	Install W5-4a Sign Per Caltrans Standards	EA	2	450	\$900.00	450	\$900.00	200	\$400.00
TOTAL DEDUCT ALTERNATIVE 3:					\$25,820.00		\$25,957.50		\$13,907.00
TOTAL DEDUCT ALTERNATIVE 3 (WRITTEN):									
D	DEDUCT ALTERNATIVE 4 - BRIDGE								
1	Tubular Hand Railing	LF	124	95	\$11,780.00	54	\$6,696.00	100	\$12,400.00
2	Tubular Bicycle Railing	LF	248	120	\$29,760.00	117	\$29,016.00	110	\$27,280.00
3	Concrete Barrier (Type 742 Modified)	LF	124	150	\$18,600.00	196.26	\$24,336.24	180	\$22,320.00
4	Concrete Barrier (Type 80)	LF	124	250	\$31,000.00	290.66	\$36,041.84	420	\$52,080.00
5	Concrete Barrier (Type 80SW)	LF	124	250	\$31,000.00	396.59	\$49,177.16	500	\$62,000.00
TOTAL DEDUCT ALTERNATIVE 4:					\$122,140.00		\$145,267.24		\$176,080.00
TOTAL DEDUCT ALTERNATIVE 4 (WRITTEN):									
E	DEDUCT ALTERNATIVE 5 - ROAD								
1	HMA Type B (Road)	TON	1,460	120	\$175,200.00	110	\$160,600.00	110	\$160,600.00
2	Aggregate Base (Class II) (Road, Sidewalk, and Multi-Path)	CY	815	50	\$40,750.00	40	\$32,600.00	60	\$48,900.00
3	ADA Ramp	EA	2	1000	\$2,000.00	1000	\$2,000.00	2000	\$4,000.00
4	Sidewalk	SF	5,000	5	\$25,000.00	3	\$15,000.00	5	\$25,000.00
5	Bike Guard Railing	LF	175	50	\$8,750.00	34.5	\$6,037.50	35	\$6,125.00
6	Caltrans Type 12A Guardrail	LF	161	50	\$8,050.00	140	\$22,540.00	140	\$22,540.00
7	Caltrans Type 12DD Guardrail	LF	100	65	\$6,500.00	70	\$7,000.00	70	\$7,000.00
TOTAL DEDUCT ALTERNATIVE 5:					\$266,250.00		\$245,777.50		\$274,165.00
TOTAL DEDUCT ALTERNATIVE 5 (WRITTEN):									

DEVLIN ROAD EXTENSION, SEGMENT E: RDS 11-06									
ITEM	DESCRIPTION	UNIT	EST.QTY	Gordon N. Ball, Inc - Unit Cost	Gordon N. Ball, Inc. - Line item total	Mccullough Construction, Inc - Unit Cost	McCullough Construction, Inc - Line item total	Northern Pacific Corporation - Unit Cost	Northern Pacific Corporation- Line item total
ADD ALTERNATIVE 1									
DEVLINE ROAD SEGMENT E, RDS 11-06 - ADD ALTERNATIVE 1									
ITEM	DESCRIPTION	UNIT	EST.QTY						
A	FENCE								
1	Install Temporary Construction Fence	LF	2,200	15	\$33,000.00	30	\$66,000.00	7	\$15,400.00
TOTAL ADD ALTERNATIVE 1:					\$33,000.00		\$66,000.00		\$15,400.00
TOTAL ADD ALTERNATIVE 1 - WRITTEN:									
ADD ALTERNATIVE 2									
DEVLINE ROAD SEGMENT E, RDS 11-06 - ADD ALTERNATIVE 2									
ITEM	DESCRIPTION	UNIT	EST.QTY						
B	LIGHT FOUNDATION								
1	Remove Light Foundation at Boral Stone	EA	3	1000	\$3,000.00	1200	\$3,600.00	750	\$2,250.00
TOTAL ADD ALTERNATIVE 2:					\$3,000.00		\$3,600.00		\$2,250.00
TOTAL ADD ALTERNATIVE 2 - WRITTEN:									