

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
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*Flex your power!
Be energy efficient!*

August 3, 2012

04-Mrm-101-R23.2/27.1
04-264074
Project ID 0400000733

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN MARIN COUNTY IN AND NEAR NOVATO FROM 1.0 MILE NORTH OF NORTH NOVATO OVERHEAD TO 0.6 MILE SOUTH OF SONOMA COUNTY LINE.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Tuesday, August 14, 2012.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions and the Bid book.

Project Plan Sheets 2, 8, 11, 14, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 35, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 62, 64, 76, 88, 92, 93, 94, 95, 109, 117, 118, 119, 120, 121, 122, 123, 124, 125, 127, 128, 129, 133, 134, 136, 137, 140, 141, 149, 171, 179, 183, 184, 187, 200, 201, 205, 207, 208, 236, 242, 243, 246, 247, 260, 261, 270, 272, 273, 274, 276, 277, 278, 279, 280, 281, 282, 283, 285, 286, 288, 289, 290, 292, 301, 304, 310, 311, 313, 314, 315, 317, 318, 323, 324, 339, 340, 342, 343, 344, 346, 347, 348, 351, 357, 406, 407, 408, 425, 526, 427, 428, 429, 458, 460, 461, 463, 465, 466, 467, 468, 469, 470, 471 and 472 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 229A, 473A, 473B, 473C, 473D and 473E are added. Copies of the added sheets are attached for addition to the project plans.

Project Plan Sheet 349 is deleted.

In the Notice to Bidders, the ninth paragraph is deleted.

In the Special Provisions, Section 5-1.18, "NONHIGHWAY FACILITIES (INCLUDING UTILITIES)," is revised as attached.

In the Special Provisions, Section 10-1.02, "ORDER OF WORK," the following paragraph is added after the third paragraph.

"A first order of work shall be to implement bird nesting removal and prevention from August 15 to February 15, and remove trees accordingly during this period."

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In the Special Provisions, Section 10-1.03, "ARCHAEOLOGICAL MONITORING AREA," is revised as follows:

"10-1.03 ARCHAEOLOGICAL MONITORING AREA

AMAs within, near, or straddling the project limits are shown on the plans.

The Department assigns an archaeological monitor to monitor job site activities within the AMA. Do not work within the AMA unless the archeological monitor is present.

The Department archaeological monitor will conduct preliminary archaeological site investigations in the areas listed in the table below. For each area, unless otherwise directed by the Engineer, work must not begin until the Department archaeological monitor completes the investigation by the date listed in the table below.

AMA areas shown on the plans	Availability of AMA areas
Area G:	Available to the Contractor on April 8, 2013.
Area H:	Available to the Contractor on April 15, 2013.
Area A:	Available to the Contractor on April 22, 2013.
Area J:	Available to the Contractor on May 3, 2013.

The Engineer and the Department archaeological monitor will conduct an AMA location field review with you at least 7 business days before start of work.

If temporary fence (Type ESA) or other enclosure for an AMA is described in the Contract, install temporary fence (Type ESA) or other enclosure to define the boundaries of the AMA during the AMA location field review.

At least 7 business days before starting work within an AMA, submit a schedule of days and hours to be worked for the Engineer's approval. If you require changes in the schedule, submit an update for the Engineer's approval at least 5 business days before beginning any work on the changed work day schedule.

If archaeological resources are discovered within an AMA, comply with Section 14-2.02, "Archaeological Resources," of the Standard Specifications, and "Roadway Excavation (AMA)," of these special provisions."

In the Special Provisions, Section 10-1.18, "RIGHT OF WAY OBSTRUCTIONS," is revised as follows:

"10-1.18, "RIGHT OF WAY OBSTRUCTIONS

Attention is directed to the occupied lands or improvements located within the right of way, as shown on the plans:

- Area A: Available to the Contractor on April 1, 2013.
- Area D: Available to the Contractor on January 1, 2013.
- Area E: Available to the Contractor on April 1, 2013.
- Area F: Available to the Contractor on April 1, 2013.
- Area G: Available to the Contractor on April 1, 2013.
- Area H: Available to the Contractor on April 1, 2013.
- Area J: Available to the Contractor on April 1, 2013.

It is anticipated that these lands or improvements will be vacated and removed by dates listed above.

The Contractor shall take no action that will result in unnecessary inconvenience, disproportionate injury or any action coercive in nature to the occupants of these lands or improvements who have not yet moved from the lands or improvements."

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In the Special Provisions, Section 10-1.33, "EXISTING HIGHWAY FACILITIES," subsection "ABANDON CULVERT AND PIPELINE," the last paragraph is revised as follows:

Full compensation for concrete plugs, pipe removal, structure excavation, and backfill shall be considered as included in the contract price paid per linear foot for abandon pipeline and in the contract unit price paid for abandon culvert, and no additional compensation will be allowed therefor."

In the Special Provisions, Section 10-1.63, "PILING," the following subsection is added before subsection, "DRAWINGS":

"STEEL SOLDIER PILING

General

This work includes furnishing and installing steel soldier piling at retaining walls no. 4 and 5."

In the Special Provisions, Section 10-2.08, "CEMENT-MORTAR LINED AND TAPE WRAPPED STEEL PIPE," under subsection "MATERIALS," under "Steel Pipe and Specials," in the fifth paragraph, item 1 is revised as follows:

1. Outlets may be built into the wall of the pipe or may be fabricated as steel plate specials. Outlets of size 2-inches and smaller in piping 4-inches and larger shall be of the forged threaded outlet (threadolet) type or shall be extra-heavy half couplings to fit the pipe in accordance with AWWA M11. Outlets shall be three thousand (3,000) pounds WOG forged steel per ASTM A105. Threads shall comply with ANSI B1.20.1. Outlets larger than 2-inches shall use a tee or nozzle with a flanged outlet. All outlets larger than 2-inches in diameter shall be provided with steel reinforcing collars, wrapper plates, or crotch plates per AWWA M11. At the option of the manufacturer, wrappers may be used in place of collars, and crotch plates may be used in place of collars or wrappers.

In the Special Provisions, Section 10-4.08, "CEMENT-MORTAR LINED AND TAPE WRAPPED STEEL PIPE," subsection "CONSTRUCTION," Subsection "Field Welded Joints," the second paragraph is revised as follows:

"Welded joints shall be completed in the trench per AWWA C206, and comply with "Welding" elsewhere in these special provisions".

In the Special Provisions, Section 10-4.10, "CONNECTIONS TO EXISTING FACILITIES (CUT-IN INSTALLATIONS)," subsection "CONSTRUCTION," in the third paragraph, item 3 is revised as follows.

"3. Shut downs and tie-ins shall be completed in one 16-hour, time period."

In the Bid book, in the "Bid Item List," Items 4, 32, 34, 45, 80, 82, 95, 117, 135, 139, 140, 158, 160, 170, 171, 172, 173, 174, 175, 192, 197, 198, 201, 218, 219 and 220 are revised, Items 245, 246, 247 and 248 are added and Items 228, 229, 230 and 244 are deleted as attached.

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To Bid book holders:

Replace the entire estimate of the "Bid Item List" in the Bid book with the attached revised estimate of the Bid Item List. The revised Bid Item List is to be used in the bid.

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the Notice to Bidders section of the Notice to Bidders and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the Bid book.

Submit bids in the Bid book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This addendum and attachments are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/04/04-264074

If you are not a Bid book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,



REBECCA D. HARNAGEL
Chief, Office of Plans, Specifications & Estimates
Office Engineer
Division of Engineering Services

Attachments

5-1.18 NONHIGHWAY FACILITIES (INCLUDING UTILITIES)

"The utility owner will relocate a utility shown in the following table before the corresponding date shown:

Utility Relocation and Date of the Relocation

Utility	Location	Date
PG&E Elec – OH Transmission Lines	"N2R" 300+49 to 353+43	6/28/13
PG&E Gas – 2-16" Transmission Lines	"N2R" 254+29 to 268+34	8/2/13

Installation of the utilities shown in the following table requires coordination with your activities. Make the necessary arrangements with the utility company through the Engineer and submit a schedule:

1. Verified by a representative of the utility company
2. Allowing at least the time shown for the utility owner to complete its work

Utility Relocation and Contractor-Arranged Time for the Relocation

Utility	Location	Days
PG&E Elec - OH Distribution Lines	"N2R" 388+98 and "N2R" 367+25	20
PG&E Elec - OH Transmission Line (Temp Guy Pole)	"N2R" 326+25	5
PG&E Elec - OH Transmission/Distribution Guy Pole	"N2R" 376+00	20
PG&E Elec – OH Transmission Lines	"N2R" 225+77 to 269+30	120
Verizon Telephone - OH Line (Place/Splice)	"N2R" 224+24 to 269+96	15
Verizon Telephone - OH Line (Remove Poles)	"N2R" 224+24 to 275+50	5
Verizon Telephone - OH Line (Place/Splice)	"N2R" 303+00 to 337+00	15
Verizon Telephone - OH Line (Remove Poles)	"N2R" 303+00 to 334+50	5
Verizon Telephone - OH Line (Temp Lines/Poles)	"N2R" 255+50 to 263+50	15
Verizon Telephone - Underground Lines	"N2R" 269+50 to 281+50	20
AT&T Telephone – OH Lines	"N2R" 354+28 to 410+89	20
PG&E Gas – 2-16" Transmission Lines	"N2R" 319+98 to 345+90	100
PG&E Gas - Abandon Transmission Lines	"N2R" 319+98 to 345+90	20
PG&E Gas - Abandon Transmission Lines	"N2R" 254+29 to 268+34	20
PG&E Gas – 4"/10" Distribution Line	"N2R" 382+71 to 411+70	140
Verizon Wireless	"N2R" 337+10	10

The utilities shown in the following table may interfere with pile driving, drilling activities, or subsurface construction, but the utility owner will not rearrange them. If you want any of them rearranged or temporarily deactivated, make arrangements with the utility owner.

Utilities Not Rearranged for Pile Driving, Drilling Activities, or Subsurface Construction

Utility	Location
PG&E Elec – OH Transmission Lines & Verizon Telephone – OH Lines – Joint	“N2R” 300+49 to 353+43 and “N2R” 303+25 to 334+50
PG&E Gas – 2-16” Transmission Lines	“N2R” 254+29 to 268+34
PG&E Elec – OH Transmission Lines & Verizon Telephone – OH Lines – Joint	“N2R” 225+77 to 269+30 “N2R” 224+24 to 269+96
AT&T Telephone – OH Lines	“N2R” 354+28 to 410+89
PG&E Gas – 2-16” Transmission Lines	“N2R” 319+98 to 345+90
PG&E Gas – 4”/10” Distribution Line	“N2R” 382+71 to 411+70
Verizon	“N2R” 275+75 to 281+17
Verizon Wireless	“N2R” 337+10
NMWD Aqueduct – 30” and 42” Lines	“N2R” 224+57 to 411+49
NSD Sewer – 8” PVC	“N2R” 226+27 to 227+26
Verizon Telephone – OH Lines	“N2R” 269+96 to 275+75 and “N2R” 288+46 to 303+25
PG&E Electric – OH Transmission Lines	“N2R” 286+48 to 300+49
PG&E Gas – 12” and 16” Transmission Lines	“N2R” 299+58 to 319+98
Verizon Telephone – Underground Lines	“N2R” 281+16 to 288+46

BID ITEM LIST**04-264074**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
2	070018	TIME-RELATED OVERHEAD	WDAY	520		
3	071321	TEMPORARY FENCE (TYPE CL-6)	LF	14,800		
4	071325	TEMPORARY FENCE (TYPE ESA)	LF	24,300		
5	074015	TEMPORARY ACTIVE TREATMENT SYSTEM	LS	LUMP SUM	LUMP SUM	
6	074016	CONSTRUCTION SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
7	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
8	074028	TEMPORARY FIBER ROLL	LF	23,400		
9	074033	TEMPORARY CONSTRUCTION ENTRANCE	EA	16		
10	074034	TEMPORARY COVER	SQYD	11,400		
11	074035	TEMPORARY CHECK DAM	LF	850		
12	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	31		
13	074040	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	SQYD	20,700		
14	074041	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
15	074042	TEMPORARY CONCRETE WASHOUT (PORTABLE)	LS	LUMP SUM	LUMP SUM	
16	074056	RAIN EVENT ACTION PLAN	EA	106	500.00	53,000.00
17	074057	STORM WATER ANNUAL REPORT	EA	3	2,000.00	6,000.00
18	074058	STORM WATER SAMPLING AND ANALYSIS DAY	EA	55		
19	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
20	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	120120	TYPE III BARRICADE	EA	12		
22	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	420		
23	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	34,000		
24	120165	CHANNELIZER (SURFACE MOUNTED)	EA	340		
25	120300	TEMPORARY PAVEMENT MARKER	EA	1,990		
26	129000	TEMPORARY RAILING (TYPE K)	LF	22,400		
27	129100	TEMPORARY CRASH CUSHION MODULE	EA	140		
28	023697	TEMPORARY CRASH CUSHION (TYPE ABSORB 350)	EA	15		
29	129150	TEMPORARY TRAFFIC SCREEN	LF	1,480		
30	150206	ABANDON CULVERT	EA	1		
31	150227	ABANDON PIPELINE	LF	9,730		
32	150605	REMOVE FENCE	LF	23,700		
33	150620	REMOVE GATE	EA	17		
34	150662	REMOVE METAL BEAM GUARD RAILING	LF	2,780		
35	150685	REMOVE IRRIGATION FACILITY	LS	LUMP SUM	LUMP SUM	
36	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	29,400		
37	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	390		
38	150722	REMOVE PAVEMENT MARKER	EA	1,780		
39	150742	REMOVE ROADSIDE SIGN	EA	46		
40	150805	REMOVE CULVERT	LF	2,070		

BID ITEM LIST

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	150806	REMOVE PIPE	LF	1,420		
42	150820	REMOVE INLET	EA	17		
43	150821	REMOVE HEADWALL	EA	20		
44	150825	REMOVE REINFORCED CONCRETE BOX CULVERT	LF	71		
45	150860	REMOVE BASE AND SURFACING	CY	2,420		
46	151220	SALVAGE BACKFLOW PREVENTER ASSEMBLY	EA	1		
47	151252	SALVAGE IRRIGATION CONTROLLER	EA	1		
48	152351	RELOCATE HYDRANT	EA	2		
49	152390	RELOCATE ROADSIDE SIGN	EA	2		
50	152438	ADJUST FRAME AND COVER TO GRADE	EA	1		
51	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	6,990		
52	023698	REMOVE CONCRETE (LINED DITCH)	LF	3,610		
53	153221	REMOVE CONCRETE BARRIER	LF	1,810		
54	153249	REMOVE CONCRETE (MISCELLANEOUS) (LS)	LS	LUMP SUM	LUMP SUM	
55	155365	18" MACHINE SPIRAL WOUND PVC PIPELINER (EXPANDABLE DIAMETER)	LF	230		
56	155367	24" MACHINE SPIRAL WOUND PVC PIPELINER (EXPANDABLE DIAMETER)	LF	220		
57	155547	HDPE PLASTIC PIPELINER (16" OD SDR 26)	LF	63		
58	156590	REMOVE CRASH CUSHION (SAND FILLED)	EA	2		
59	157560	BRIDGE REMOVAL (PORTION)	LS	LUMP SUM	LUMP SUM	
60	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
62	190101	ROADWAY EXCAVATION	CY	148,000		
63	190107	ROADWAY EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	160		
64	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
65	190111	ADL BURIAL LOCATION REPORT	LS	LUMP SUM	LUMP SUM	
66	023699	ROADWAY EXCAVATION (AMA)	CY	7,590		
67	190139	ROADWAY EXCAVATION (UNSUITABLE MATERIAL)	CY	39,500		
68	190160	ROCK EXCAVATION (CONTROLLED BLASTING)	CY	42		
69 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	552		
70	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	1,299		
71	192047	STRUCTURE EXCAVATION (SOLDIER PILE WALL)(RW5)	CY	125		
72 (F)	192049	STRUCTURE EXCAVATION (SOLDIER PILE WALL)	CY	303		
73 (F)	192057	STRUCTURE EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	94		
74 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	337		
75	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	837		
76 (F)	193029	STRUCTURE BACKFILL (SOLDIER PILE WALL)	CY	73		
77	193031	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	CY	73		
78 (F)	193118	CONCRETE BACKFILL	CY	199		
79 (F)	193119	LEAN CONCRETE BACKFILL	CY	308		
80	198001	IMPORTED BORROW	CY	97,000		

BID ITEM LIST**04-264074**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	023700	SETTLEMENT AND MONITORING	LS	LUMP SUM	LUMP SUM	
82	198205	SUBGRADE ENHANCEMENT GEOTEXTILE	SQYD	58,100		
83	023701	IMPORTED BIOFILTRATION SOIL	CY	1,450		
84	203002	EROSION CONTROL (COMPOST BLANKET)	CY	3,300		
85	203021	FIBER ROLLS	LF	61,000		
86	203025	COMPOST (INCORPORATE)	SQYD	29,400		
87	203026	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	10		
88	203031	EROSION CONTROL (HYDROSEED) (SQFT)	SQYD	1,440,000		
89	203034	ROLLED EROSION CONTROL PRODUCT (NETTING)	SQFT	198,000		
90	208738	8" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	LF	320		
91	208808	8" WELDED STEEL PIPE CONDUIT (.250" THICK)	LF	110		
92	250401	CLASS 4 AGGREGATE SUBBASE	CY	20,500		
93	260201	CLASS 2 AGGREGATE BASE	CY	17,000		
94	280000	LEAN CONCRETE BASE	CY	3,470		
95	390132	HOT MIX ASPHALT (TYPE A)	TON	28,500		
96	394040	PLACE ASPHALT CONCRETE DIKE (TYPE A)	LF	120		
97	394044	PLACE ASPHALT CONCRETE DIKE (TYPE C)	LF	200		
98	394049	PLACE ASPHALT CONCRETE DIKE (TYPE F)	LF	200		
99	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
100	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	550		

BID ITEM LIST

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	397005	TACK COAT	TON	30		
102 (F)	460200	GROUND ANCHOR	EA	78		
103 (F)	043845	STEEL SOLDIER PILING (W21 X 44)	LF	279		
104 (F)	043846	STEEL SOLDIER PILING (W21 X 68)	LF	422		
105 (F)	043847	STEEL SOLDIER PILING (W21 X 101)	LF	134		
106 (F)	043848	STEEL SOLDIER PILING (2 W18 X 35)	LF	1,225		
107 (F)	043849	STEEL SOLDIER PILING (2 W18 X 60)	LF	710		
108 (F)	043850	30" DRILLED HOLE	LF	2,766		
109	490603	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	880		
110 (F)	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	
111 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	292		
112 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	312		
113 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	329		
114 (F)	510085	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE EQ)	CY	7		
115 (F)	510090	STRUCTURAL CONCRETE, BOX CULVERT	CY	1,238		
116 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	231		
117	510526	MINOR CONCRETE (BACKFILL)	CY	120		
118 (F)	511035	ARCHITECTURAL TREATMENT	SQFT	2,871		
119 (F)	043851	ARCHITECTURAL TREATMENT (TEXTURED SHOTCRETE)	SQFT	5,810		
120 (F)	511047	ANTI-GRAFFITI COATING	SQFT	4,359		

BID ITEM LIST**04-264074**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	511106	DRILL AND BOND DOWEL	LF	480		
122 (F)	043853	CONCRETE LAGGING (TYPE A)	SQFT	8,684		
123 (F)	043854	CONCRETE LAGGING (TYPE B)	SQFT	1,405		
124	519091	JOINT SEAL (MR 1 1/2")	LF	13		
125	519100	JOINT SEAL (MR 2")	LF	13		
126 (F)	520101	BAR REINFORCING STEEL	LB	205,671		
127 (F)	520102	BAR REINFORCING STEEL (BRIDGE)	LB	162,427		
128 (F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	122,150		
129 (F)	520120	HEADED BAR REINFORCEMENT	EA	88		
130 (F)	530100	SHOTCRETE	CY	530		
131	560246	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B)	SQFT	570		
132	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	660		
133	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	40		
134	560251	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED)	SQFT	240		
135	566011	ROADSIDE SIGN - ONE POST	EA	125		
136	566012	ROADSIDE SIGN - TWO POST	EA	15		
137	043855	PREPARE AND STAIN SHOTCRETE AND CONCRETE	SQFT	9,900		
138	620060	12" ALTERNATIVE PIPE CULVERT	LF	16		
139	620101	18" ALTERNATIVE PIPE CULVERT (TYPE A)	LF	2,930		
140	620102	18" ALTERNATIVE PIPE CULVERT (TYPE B)	LF	700		

BID ITEM LIST**04-264074**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	620141	24" ALTERNATIVE PIPE CULVERT (TYPE A)	LF	24		
142	620142	24" ALTERNATIVE PIPE CULVERT (TYPE B)	LF	610		
143	620180	30" ALTERNATIVE PIPE CULVERT	LF	1,080		
144	620220	36" ALTERNATIVE PIPE CULVERT	LF	110		
145	023702	8" PLASTIC PIPE	LF	890		
146	023703	18" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE	LF	150		
147	650026	36" REINFORCED CONCRETE PIPE	LF	17		
148	650511	18" REINFORCED CONCRETE PIPE (CLASS V)	LF	80		
149	023704	4" CORRUGATED STEEL PIPE RISER (.064" THICK)	LF	70		
150	665003	6" CORRUGATED STEEL PIPE (.079" THICK)	LF	61		
151	023705	8" CORRUGATED STEEL PIPE RISER (.064" THICK)	LF	180		
152	665017	18" CORRUGATED STEEL PIPE (.079" THICK)	LF	17		
153	023765	4" PERFORATED PLASTIC PIPE UNDERDRAIN	LF	8,120		
154	680905	8" PERFORATED PLASTIC PIPE UNDERDRAIN	LF	10,700		
155	681990	FILTER FABRIC	SQYD	35,500		
156	682045	CLASS 3 PERMEABLE MATERIAL	CY	4,540		
157	692301	ANCHOR ASSEMBLY	EA	1		
158	700617	DRAINAGE INLET MARKER	EA	61		
159	023706	6" CORRUGATED STEEL PIPE ENERGY DISSIPATOR	EA	1		
160	023707	20" JACKED WELDED STEEL PIPE	LF	280		

BID ITEM LIST

04-264074

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161	023708	CATHODIC PROTECTION	LS	LUMP SUM	LUMP SUM	
162	023709	DISINFECTION OF PIPING	LS	LUMP SUM	LUMP SUM	
163	023710	WATER SERVICE CONNECTIONS	LS	LUMP SUM	LUMP SUM	
164	023711	4" AIR/VACUUM VALVE	EA	1		
165	023712	6" AIR/VACUUM VALVE	EA	3		
166	023713	8" AIR/VACUUM VALVE	EA	2		
167	023714	10" AIR/VACUUM VALVE	EA	1		
168	023715	30" BUTTERFLY VALVE	EA	10		
169	023716	TELEMETRY SYSTEM WIRE AND CONDUIT	LF	11,000		
170	023717	12" CEMENT-MORTAR LINED AND TAPE WRAPPED STEEL PIPE (0.134" THICK)	LF	220		
171	023718	30" CEMENT-MORTAR LINED AND TAPE WRAPPED STEEL PIPE (0.134" THICK)	LF	2,670		
172	023719	30" CEMENT-MORTAR LINED AND TAPE WRAPPED STEEL PIPE (.375")	LF	12		
173	023720	36" CEMENT-MORTAR LINED AND TAPE WRAPPED STEEL PIPE (.375")	LF	5		
174	023721	42" CEMENT-MORTAR LINED AND TAPE WRAPPED STEEL PIPE (0.188" THICK)	LF	8,210		
175	023722	42" CEMENT-MORTAR LINED AND TAPE WRAPPED STEEL PIPE (0.375" THICK)	LF	40		
176	023723	42" BUTTERFLY VALVE	EA	1		
177	023724	36" BUTTERFLY VALVE	EA	1		
178	023725	12" RESILIENT WEDGE GATE VALVE	EA	1		
179	023726	24" RESILIENT WEDGE GATE VALVE	EA	4		
180	023727	SALVAGING AQUEDUCT EQUIPMENT	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST

04-264074

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	705204	18" CONCRETE FLARED END SECTION	EA	4		
182	705307	12" ALTERNATIVE FLARED END SECTION	EA	1		
183	705311	18" ALTERNATIVE FLARED END SECTION	EA	24		
184	705315	24" ALTERNATIVE FLARED END SECTION	EA	4		
185	705319	30" ALTERNATIVE FLARED END SECTION	EA	5		
186	705321	36" ALTERNATIVE FLARED END SECTION	EA	1		
187	720107	ROCK SLOPE PROTECTION (GRANULAR MATERIAL)	CY	9		
188	721011	ROCK SLOPE PROTECTION (NO. 2, METHOD B)	CY	430		
189	721026	ROCK SLOPE PROTECTION (NO. 1, METHOD B) (CY)	CY	71		
190	721400	CONCRETE (SLOPE PROTECTION)	CY	16		
191	721616	CONCRETED-ROCK SLOPE PROTECTION (COBBLE, METHOD B)	CY	54		
192	727901	MINOR CONCRETE (DITCH LINING)	CY	990		
193	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	1,610		
194	731501	MINOR CONCRETE (CURB)	CY	20		
195	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	5		
196	731516	MINOR CONCRETE (DRIVEWAY)	CY	4		
197	731530	MINOR CONCRETE (TEXTURED PAVING)	SQFT	6,810		
198 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	31,388		
199	023728	FENCE (NO CLIMB)	LF	410		
200 (F)	800321	CHAIN LINK FENCE (TYPE CL-4, VINYL-CLAD)	LF	1,780		

BID ITEM LIST**04-264074**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
201	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	15,800		
202	023729	FENCE (TYPE SPLIT WOOD)	LF	5,680		
203	023730	REMOVABLE BOLLARD	EA	6		
204	802501	4' CHAIN LINK GATE (TYPE CL-6)	EA	1		
205	802560	10' CHAIN LINK GATE (TYPE CL-6)	EA	2		
206	810111	SURVEY MONUMENT (TYPE A)	EA	25		
207	023731	COUNTY STREET MONUMENT	EA	43		
208	820107	DELINEATOR (CLASS 1)	EA	59		
209	820118	GUARD RAILING DELINEATOR	EA	350		
210	820130	OBJECT MARKER	EA	31		
211	832001	METAL BEAM GUARD RAILING	LF	6,700		
212	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	3,490		
213	833085	PIPE HANDRAILING	LF	68		
214	839301	SINGLE THRIE BEAM BARRIER	LF	510		
215	839310	DOUBLE THRIE BEAM BARRIER	LF	1,110		
216	839541	TRANSITION RAILING (TYPE WB)	EA	12		
217	839555	END CAP	EA	12		
218	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	4		
219	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	35		
220	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	11		

BID ITEM LIST

04-264074

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
221	839703	CONCRETE BARRIER (TYPE 60C)	LF	1,200		
222 (F)	839704	CONCRETE BARRIER (TYPE 60D)	LF	925		
223 (F)	839717	CONCRETE BARRIER (TYPE 732 MODIFIED)	LF	289		
224	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	32,400		
225	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	1,580		
226	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	630		
227	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	13,400		
228	BLANK					
229	BLANK					
230	BLANK					
231	840665	PAINT PAVEMENT MARKING (1-COAT)	SQFT	290		
232	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	1,060		
233	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	2,170		
234	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
235	860401	LIGHTING	LS	LUMP SUM	LUMP SUM	
236	023732	LIGHTING (COUNTY)	LS	LUMP SUM	LUMP SUM	
237	860415	LIGHTING (STAGE CONSTRUCTION)	LS	LUMP SUM	LUMP SUM	
238	023733	TRAFFIC OPERATIONS SYSTEM	LS	LUMP SUM	LUMP SUM	
239	023734	INTEGRATED CAMERA UNIT	EA	1		
240	023735	CAMERA CONTROL UNIT	EA	1		

BID ITEM LIST

04-264074

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
241	023736	VIDEO ENCODER UNIT	EA	1		
242	023737	GENERAL PACKET RADIO SYSTEM WIRELESS MODEM ASSEMBLY	EA	2		
243	993002	FIRE HYDRANT	EA	5		
244	BLANK					
245	193114	SAND BACKFILL	CY	1,500		
246	839701	CONCRETE BARRIER (TYPE 60)	LF	70		
247	840655	PAINT TRAFFIC STRIPE (1-COAT)	LF	82,000		
248	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

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