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**** WARNING ** WARNING ** WARNING ** WARNING ****
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April 25, 2006

11-SD-15-M30.0/M44.6
11-080944
ACIM-015-4(201)N
CMSTPL-6211(050)

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SAN DIEGO COUNTY IN SAN DIEGO AND ESCONDIDO FROM 0.7 KM NORTH OF POWAY ROAD OVERCROSSING TO 0.1 KM SOUTH OF CLARENCE LANE UNDERCROSSING.

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 May 18, 2006.

This addendum is being issued to revise the Project Plans, the Notice to Contractors and Special Provisions, and the Proposal and Contract.

Project Plan Sheets 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 153, 154, 155, 156, 157, 158, 159, 160, 161, 163, 188, 189, 190, 191, 212, 213, 214, 222, 223, 315 and 316 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 128, 129, 130, 131, 132, 133, 134, 135, 136 and 162 are deleted.

In the Special Provisions, Section 1 "SPECIFICATIONS AND PLANS," is revised as attached.

In the Special Provisions, Section 8-1.03, "STATE-FURNISHED MATERIALS," the second paragraph, Item B is revised as follows:

"B. Concrete barrier (movable) will be available to the Contractor within 100 miles from the project site at Robertson's Concrete Plant, 1955 West 9th Street, San Bernardino, CA 92411."

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the sixth paragraph is revised as follows:

"Retaining Wall 448L is a first order of work. Retaining Wall 449L is a second order of work that will start construction after completion of Retaining Wall 448L. Non-conflicting work may proceed concurrently provided adequate progress is maintained to assure completion of Retaining Wall 448L. In the event satisfactory progress is not maintained on Retaining Wall 448L, the Engineer may order suspension of the non-conflicting work."

Addendum No. 2
Page 2
April 25, 2006

11-SD-15-M30.0/M44.6
11-080944
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In the Special Provisions, Section 10-1.335, "TEMPORARY SLOPE RETAINING SYSTEM," is added as attached.

In the Special Provisions, Section 10-1.495, "DISPOSAL OF PORTLAND CEMENT CONCRETE (PCC) PAVEMENT GROOVING AND GRINDING RESIDUES," is added as attached.

In the Proposal and Contract, the Engineer's Estimate Items 24, 35, 36, 41, 43, 44, 58, 104, 106, 107, 133, 134, 139, 140, 141, 142, 143, 146, 147, 148, 152 and 165 are revised, Items 209, 210, and 211 are added and Items 4, 136, 137, 138, 144, 145, and 208 are deleted as attached.

To Proposal and Contract book holders:

Replace pages 3, 4, 5, 8, 9, 10, 11 and 13 of the Engineer's Estimate in the Proposal with the attached revised pages 3, 4, 5, 8, 9, 10, 11 and 13 of the Engineer's Estimate. The revised Engineer's Estimate 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 CONTRACTORS section of the Notice to Contractors 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 proposal.

Submit bids in the Proposal and Contract 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 office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it. A copy of this addendum is available for the contractor's use on the Internet Site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

If you are not a Proposal and Contract 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,

ORIGINAL SIGNED BY

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

Attachments

SECTION 1 SPECIFICATIONS AND PLANS

The project plans for this project are not considered to be complete to construct the work anticipated by the contract. Design of the project, including preparation of final project plans, will be completed in phases after approval of the contract in conformance with the following:

Phase I shall consist of the following work north of Station 435+00 "SD-15M" Line:

- Title sheet
- Key map
- Profiles and Super Elevation Diagrams
- Temporary Water Pollution Control Details and Quantities
- Utility Plans
- Stage Construction and Traffic Handling Plans and Quantities
- Construction Area Signs
- Log of Test Borings
- Contour Grading and Drainage Plans
- Drainage Profiles
- Drainage Quantities
- Retaining Walls and Details (RW447L and RW448L)

Complete design of Phase I, including final plans for Phase I, is included in the project plans for this project.

Phase II shall consist of the following work north of Station 435+00 "SD-15M" Line:

- Typical Cross Sections
- Layouts
- Detour Plans
- Construction Details
- Drainage Details
- Retaining Wall Plans and Details (except for Retaining walls RW447L and RW448L)
- Retaining Wall Quantities
- Plant Removal and Irrigation Removal Plans
- Planting and Irrigation Plans
- Summary of Quantities
- Erosion Control Plans/Quantities
- Via Rancho Parkway Tie Back Walls
- North County Fair Tie Back Walls

Complete design of Phase II, including final plans for Phase II, will be provided to the Contractor within 30 days after approval of the contract.

Phase III shall consist of the following work north of Station 435+00 "SD-15M" Line:

- North County Fair DAR Structures
- North County Fair DAR MSE and Type 1 Walls
- North County Fair Bridge Rails
- Pavement Delineation Plans/Details/Quantities
- Sign Plans
- Sign Detail Plans
- Sign Quantity Plans
- Signals, Lighting and Electrical Systems

Complete design of Phase III, including final plans for Phase III, will be provided to the Contractor within 120 days after approval of the contract.

Phase IV shall consist of the following work south of Station 435+00 "SD-15M" Line:

- Typical Cross Sections
- Layouts
- Stage Construction and Traffic Handling Plan
- Construction Area Signs
- Construction Details
- Summary of Quantities
- Pavement Delineation Plans
- Sign Plans,
- Sign Detail Plans
- Sign Quantity Plans
- Electrical Systems
- High Occupancy Vehicle System (includes area north of Station 435+00 SD-15M)

Complete design of Phase IV, including final plans for phase IV, will be provided to the Contractor within 200 days after approval of the contract.

The issuance of Phases II, III and IV shall be by change order in conformance with Section 4, Scope of Work," of the Standard Specifications.

Project plan sheets marked, "Preliminary for Bidding Purposes Only," shall not be considered complete as to the design for any design sequencing package. These plan sheets are provided only to show the scope of the work to be performed, and shall only be used for the purpose of bid preparation.

Should the Department fail to provide the complete design, including final plans for any phase within the times specified and, in the opinion of the Engineer, the controlling operation or operations are delayed or interfered with by the delay in providing the complete design, the delay will be considered a right of way delay in conformance with the provisions in Section 8-1.09, "Right of Way Delays," of the Standard Specifications. Attention is directed to "Progress Schedule (Critical Path)" of these special provisions.

10-1.335 TEMPORARY SLOPE RETAINING SYSTEM

Where the theoretical slope line of temporary slopes is extended and the projected toe of slope encroaches onto the traveled way a temporary slope retaining system shall be constructed. The temporary slope retaining system shall be placed to retain the slope and not permit the slope to encroach onto the traveled way.

The Contractor shall be responsible for designing and constructing safe and adequate temporary slope retaining system which provides the necessary rigidity and supports the loads imposed for the lines and grades indicated on the plans or described in these special provisions.

The type of temporary slope retaining system constructed shall be at the Contractor's option.

The Contractor shall submit to the Engineer working drawings and design calculations for temporary slope retaining system proposed for use. Such drawings shall be signed by an engineer who is registered as a Civil Engineer in the State of California.

When manufactured assemblies are used in temporary slope retaining system, the Contractor shall furnish to the Engineer a letter of certification which certifies that all components of such manufactured assemblies are used in accordance with the manufacturer's recommendations.

Temporary slope retaining system shall be completely removed when no longer required.

All debris and refuse resulting from the work shall be removed and the premises left in a neat and presentable condition.

Full compensation for temporary slope retaining system shall be considered as included in the contract prices paid for various items of work involved and no additional compensation will be allowed therefor.

10-1.495 DISPOSAL OF PORTLAND CEMENT CONCRETE (PCC) PAVEMENT GROOVING AND GRINDING RESIDUES

Disposal of portland cement concrete (PCC) pavement grooving and grinding residues shall be in conformance with the provisions in Section 42, "Groove and Grind Pavement," of the Standard Specifications and these special provisions.

The Contractor shall include water pollution control measures to address the handling of the grinding pavement residue within the Storm Water Pollution Prevention Plan or Water Pollution Control Program, as specified in "Water Pollution Control," of these special provisions.

Temporary storage of PCC pavement grooving and grinding residues shall not be allowed within the highway right of way. The Contractor may transport liquid PCC pavement grooving and grinding residues to an offsite drying location if the Engineer provides written approval. The offsite drying location shall be identified and protected in conformance with "Water Pollution Control," of these special provisions.

A Materials Information Handout is not available for disposal of PCC pavement grooving or grinding residues. The Contractor shall dispose of PCC pavement grooving and grinding residues in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside of the Right of Way," of the Standard Specifications. The facilities listed below were permitted by Regional Water Quality Control Board (RWQCB) or other agencies that may accept PCC pavement grinding and grooving residues as of July 1, 2004. If the Contractor is planning to use one of these sites, the Contractor shall determine if the facility has a current permit to accept PCC pavement grooving and grinding residues and if the facility can accept the waste at the time of generation.

SITE NAME	LOCATION	TELEPHONE	WASTE TYPES / RESTRICTIONS
Clean Harbors Environmental Services Buttonwillow	2500 West Lokern Road Buttonwillow, CA	(562) 432-5445	Hazardous Solids and Non-Hazardous Liquids and Solids
Clean Harbors Environmental Services San Jose	1021 Berryessa San Jose, CA	(408) 451-5000	Hazardous and Non-Hazardous Liquids
Crosby & Overton, Inc.	1610 W. 17th Street Long Beach, CA	(562) 432-5445	Hazardous and Non-Hazardous Liquids
D/K Environmental	3650 East 26th Street Vernon, CA	(323) 268-5056	Hazardous and Non-Hazardous Liquids and Solids
DeMenno-Kerdoon	200 N. Alameda Street Compton, CA	(323) 268-5057 (310) 537-7100	Hazardous and Non-Hazardous Liquids and Solids
Filter Recycling Services, Inc.	180 West Monte Avenue Rialto, CA	(909) 424-1630	Hazardous and Non-Hazardous Liquids
K-Pure Water Works	8910 Rochester Ave Rancho Cucamonga, CA	(909) 476-2308	Non-Hazardous Liquids
Liquid Waste Management McKittrick	56533 Highway 58 McKittrick, CA	(559) 386 - 6104	Non-Hazardous Liquids and Solids
Onyx Environmental Services LLC	1704 W. First Street Azusa, CA	(626) 334-5117	Hazardous and Non-Hazardous Liquids and Solids
Phibro-Tech, Inc.	8851 Dice Road Santa Fe Springs, CA	(562) 698-8036	Hazardous and Non-Hazardous Liquids and Solids
Romic Environmental Technologies Corporation	2081 Bay Road East Palo Alto, CA	(650) 324-1638	Hazardous and Non-Hazardous Liquids
Seaport Environmental	700 Seaport Boulevard Redwood City, CA	(650) 364-8154	Non-Hazardous Liquids
Southwest Treatment Systems, Inc.	4120 Bandini Boulevard Los Angeles, CA	(800) 900-3366	Non-Hazardous Liquids
US Filter Recovery Services, Inc.	5375 S. Boyle Avenue Vernon, CA	(323) 277-1495	Hazardous and Non-Hazardous Liquids and Solids
Waste Management Kettleman City	35251 Old Skyline Road Kettleman City, CA	(559) 386 - 6104	Hazardous and Non-Hazardous Liquids and Solids

If the Contractor disposes of PCC pavement grooving and grinding residues at locations not listed above, the disposal shall be in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications, and the following:

1. If the disposal facility is located within the State of California, the facility must be permitted by the RWQCB or other applicable agency, or the Contractor must obtain written approval from the RWQCB or other applicable agency.
2. If located outside of the State of California, the facility must be permitted by the applicable local, state, or federal agencies, or the Contractor must obtain written approval from the applicable local, state, or federal agencies.

The following shall be delivered to the Engineer at least 5 days before disposal of PCC pavement grooving and grinding residues:

1. The name, address, and telephone number of the disposal facility.
2. If the facility is not listed above:
 - A. Copy of the facility's RWQCB or other applicable agency permit, or
 - B. RWQCB's or other applicable agency's approval, or
 - C. Copy of the applicable agency permit if the final disposal location is located outside of the State of California.

The Contractor shall deliver landfill receipts and weight ticket of disposal of residues from PCC pavement grooving and grinding to the Engineer within 5 days of completing of PCC pavement grooving and grinding activities.

The Contractor shall make all arrangements and agreements for the disposal at the time of bidding. Costs related to obtaining approval for disposal within the State of California from the RWQCB or other applicable agency, or the applicable agency if the disposal location is located outside of the State of California, shall be borne by the Contractor and no additional payment shall be made therefore. Full compensation for all costs involved in disposing of PCC pavement grooving or grinding residues as specified in this section, including all costs of handling, temporary storage, hauling and disposal fees, shall be considered as included in the price paid for the contract item of work involving PCC pavement grooving or grinding residues and no additional compensation will be allowed therefor.

**ENGINEER'S ESTIMATE
11-080944**

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	540		
3	071325	TEMPORARY FENCE (TYPE ESA)	M	535		
4	BLANK					
5 (S)	038412	TEMPORARY EROSION CONTROL (TYPE 1)	M2	19 600		
6 (S)	038413	TEMPORARY EROSION CONTROL (TYPE 2)	M2	38 700		
7 (S)	038414	TEMPORARY EROSION CONTROL (TYPE 3)	M2	19 600		
8 (S)	038414	TEMPORARY EROSION CONTROL (TYPE 4)	M2	38 700		
9	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
10	074020	WATER POLLUTION CONTROL	LS	LUMP SUM	LUMP SUM	
11	074032	TEMPORARY CONCRETE WASHOUT FACILITY	EA	20		
12	074033	TEMPORARY CONSTRUCTION ENTRANCE	EA	22		
13	074035	TEMPORARY CHECK DAM	M	6000		
14 (S)	074037	MOVE-IN/MOVE-OUT (TEMPORARY EROSION CONTROL)	EA	10		
15	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	320		
16 (S)	074041	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
17 (S)	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
18 (S)	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
19 (S)	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	12		
20 (S)	129000	TEMPORARY RAILING (TYPE K)	M	19 500		

**ENGINEER'S ESTIMATE
11-080944**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21 (S)	038416	TRAFFIC PLASTIC DRUMS	EA	270		
22 (S)	129100	TEMPORARY CRASH CUSHION MODULE	EA	180		
23	038417	TEMPORARY CRASH CUSHION (ABSORB 350)	EA	4		
24	150206	ABANDON CULVERT	M	26		
25 (S)	038418	ABANDON IRRIGATION CROSSOVER	EA	9		
26	150608	REMOVE CHAIN LINK FENCE	M	290		
27	038419	MAINTAIN TEMPORARY FENCE (TYPE ESA)	LS	LUMP SUM	LUMP SUM	
28	150662	REMOVE METAL BEAM GUARD RAILING	M	290		
29	038420	REMOVE DOUBLE THRIE BEAM BARRIER	M	1380		
30	150701	REMOVE YELLOW PAINTED TRAFFIC STRIPE	M	5100		
31	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	M2	1500		
32	150742	REMOVE ROADSIDE SIGN	EA	28		
33	150760	REMOVE SIGN STRUCTURE	EA	3		
34	150767	REMOVE BRIDGE MOUNTED SIGN	EA	1		
35	150805	REMOVE CULVERT	M	270		
36	150820	REMOVE INLET	EA	11		
37	150857	REMOVE ASPHALT CONCRETE SURFACING	M2	4110		
38	152320	RESET ROADSIDE SIGN	EA	22		
39	152390	RELOCATE ROADSIDE SIGN	EA	6		
40 (S)	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	M2	690		

**ENGINEER'S ESTIMATE
11-080944**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	153210	REMOVE CONCRETE	M3	130		
42	153221	REMOVE CONCRETE BARRIER	M	4380		
43	155003	CAP INLET	EA	13		
44	155006	CAP RISER	EA	1		
45	156585	REMOVE CRASH CUSHION	EA	2		
46	157560	BRIDGE REMOVAL (PORTION)	LS	LUMP SUM	LUMP SUM	
47	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
48	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
49	190101	ROADWAY EXCAVATION	M3	86 700		
50	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
51 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	M3	780		
52	192037	STRUCTURE EXCAVATION (RETAINING WALL)	M3	8940		
53 (F)	192050	STRUCTURE EXCAVATION (TIEBACK WALL)	M3	960		
54 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	M3	1080		
55	193013	STRUCTURE BACKFILL (RETAINING WALL)	M3	7010		
56 (F)	193026	STRUCTURE BACKFILL (TIEBACK WALL)	M3	70		
57	193031	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	M3	670		
58	193114	SAND BACKFILL	M3	8		
59	194001	DITCH EXCAVATION	M3	270		
60 (F)	197026	EARTH RETAINING STRUCTURE, LOCATION 1	M2	1020		

**ENGINEER'S ESTIMATE
11-080944**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	510060	STRUCTURAL CONCRETE, RETAINING WALL	M3	3350		
102 (F)	510072	STRUCTURAL CONCRETE, BARRIER SLAB	M3	630		
103 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	M3	90		
104	510126	CLASS 2 CONCRETE (MINOR STRUCTURE)	M3	160		
105 (F)	510314	CLASS 4 CONCRETE (BACKFILL)	M3	180		
106	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	230		
107	510504	MINOR CONCRETE (PIPE ENCASEMENT)	M3	39		
108 (F)	511036	ARCHITECTURAL SURFACE (BARRIER)	M2	680		
109	040153	SWIRLED PLASTER TEXTURE	M2	3550		
110	038428	BARRIER TILE TEXTURE	M2	270		
111	511106	DRILL AND BOND DOWEL	M	180		
112	515020	REFINISH BRIDGE DECK	M2	90		
113 (S)	519117	JOINT SEAL (MR 30 MM)	M	52		
114 (S)	519120	JOINT SEAL (MR 15 MM)	M	34		
115 (S-F)	520101	BAR REINFORCING STEEL	KG	172 000		
116 (S-F)	520102	BAR REINFORCING STEEL (BRIDGE)	KG	98 000		
117 (S)	520103	BAR REINFORCING STEEL (RETAINING WALL)	KG	218 500		
118 (F)	530100	SHOTCRETE	M3	355		
119 (S)	560203	FURNISH SIGN STRUCTURE (BRIDGE MOUNTED WITH WALKWAY)	KG	5000		
120 (S)	560204	INSTALL SIGN STRUCTURE (BRIDGE MOUNTED WITH WALKWAY)	KG	5000		

**ENGINEER'S ESTIMATE
11-080944**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121 (S)	560208	FURNISH SIGN STRUCTURE (TUBULAR)	KG	127 200		
122 (S)	560209	INSTALL SIGN STRUCTURE (TUBULAR)	KG	127 200		
123 (S)	560218	FURNISH SIGN STRUCTURE (TRUSS)	KG	30 000		
124 (S)	560219	INSTALL SIGN STRUCTURE (TRUSS)	KG	30 000		
125 (S)	038429	1524 MM CAST-IN-DRILLED HOLE CONCRETE PILE	M	190		
126	562004	METAL (RAIL MOUNTED SIGN)	KG	120		
127	566011	ROADSIDE SIGN - ONE POST	EA	22		
128	566012	ROADSIDE SIGN - TWO POST	EA	4		
129	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	9		
130	568017	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	EA	6		
131	038430	INSTALL SIGN PANEL ON EXISTING SIGN STRUCTURE	M2	73		
132	038431	ROCK STAINING	M2	7590		
133	650075	600 MM REINFORCED CONCRETE PIPE	M	2220		
134	650077	750 MM REINFORCED CONCRETE PIPE	M	160		
135	650079	900 MM REINFORCED CONCRETE PIPE	M	110		
136	BLANK					
137	BLANK					
138	BLANK					
139	690277	450 MM BITUMINOUS COATED CORRUGATED STEEL PIPE DOWNDRAIN (2.77 MM THICK)	M	120		
140	690281	600 MM BITUMINOUS COATED CORRUGATED STEEL PIPE DOWNDRAIN (2.77 MM THICK)	M	8		

**ENGINEER'S ESTIMATE
11-080944**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	703233	GRATED LINE DRAIN	M	420		
142	707471	900 MM PRECAST CONCRETE PIPE RISER	M	16		
143	721008	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	M3	4		
144	BLANK					
145	BLANK					
146	721431	CONCRETE (CONCRETE APRON)	M3	28		
147	727901	MINOR CONCRETE (DITCH LINING)	M3	80		
148	729010	ROCK SLOPE PROTECTION FABRIC	M2	12		
149 (F)	731517	MINOR CONCRETE (GUTTER)	M	140		
150	038432	MINOR CONCRETE (TEXTURED PAVING) (GORE PAVING)	M2	1570		
151	731627	MINOR CONCRETE (CURB, SIDEWALK AND CURB RAMP)	M3	51		
152 (S)	750001	MISCELLANEOUS IRON AND STEEL	KG	15 100		
153 (S)	800391	CHAIN LINK FENCE (TYPE CL-1.8)	M	440		
154	802595	3.0 M CHAIN LINK GATE (TYPE CL-1.8)	EA	1		
155	820107	DELINEATOR (CLASS 1)	EA	170		
156	820110	MILEPOST MARKER	EA	7		
157	820118	GUARD RAILING DELINEATOR	EA	48		
158 (S)	832001	METAL BEAM GUARD RAILING	M	410		
159 (S)	833033	CHAIN LINK RAILING (TYPE 7 MODIFIED)	M	210		
160 (F)	833080	CONCRETE BARRIER (TYPE K)	M	1110		

**ENGINEER'S ESTIMATE
11-080944**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161	040154	TUBULAR PIPE HANDRAILING	M	24		
162 (S)	040155	PERFORATED STEEL SCREEN (SCONCE)	EA	4		
163 (F)	833148	CONCRETE BARRIER (TYPE 26R MODIFIED)	M	70		
164	839481	CONCRETE BARRIER (TYPE 50)	M	120		
165 (S)	839521	CABLE RAILING	M	280		
166 (S)	839541	TRANSITION RAILING (TYPE WB)	EA	4		
167 (S)	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	1		
168 (S)	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	3		
169 (S)	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	3		
170 (S)	839591	CRASH CUSHION, SAND FILLED	EA	21		
171 (S)	839605	CRASH CUSHION (REACT 9SCBS)	EA	4		
172	839698	CONCRETE BARRIER (TYPE 60S MODIFIED)	M	407		
173 (F)	040156	CONCRETE BARRIER (TYPE 60SC MODIFIED)	M	162		
174 (F)	040157	CONCRETE BARRIER (TYPE 60SE MODIFIED)	M	716		
175	040158	CONCRETE BARRIER (TYPE 60D)	M	377		
176	839706	CONCRETE BARRIER (TYPE 60G)	M	26		
177	839709	CONCRETE BARRIER (TYPE 60GE)	M	90		
178	839710	CONCRETE BARRIER (TYPE 60S)	M	1480		
179	839712	CONCRETE BARRIER (TYPE 60SC)	M	740		
180	839713	CONCRETE BARRIER (TYPE 60SE)	M	10		

**ENGINEER'S ESTIMATE
11-080944**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
201 (S)	860931	TRAFFIC MONITORING STATION (LOCATION 1)	LS	LUMP SUM	LUMP SUM	
202 (S)	860932	TRAFFIC MONITORING STATION (LOCATION 2)	LS	LUMP SUM	LUMP SUM	
203 (S)	861101	RAMP METERING SYSTEM (LOCATION 1)	LS	LUMP SUM	LUMP SUM	
204 (S)	861102	RAMP METERING SYSTEM (LOCATION 2)	LS	LUMP SUM	LUMP SUM	
205 (S)	038434	FIBER OPTIC COMMUNICATION SYSTEM	LS	LUMP SUM	LUMP SUM	
206	038435	INSTALL CONCRETE BARRIER (MOVEABLE)	M	12 400		
207 (S)	038436	HIGH OCCUPANCY VEHICLE SYSTEM	LS	LUMP SUM	LUMP SUM	
208	BLANK					
209	650069	450 MM REINFORCED CONCRETE PIPE	M	20		
210	690285	750 MM BITUMINOUS COATED CORRUGATED STEEL PIPE DOWNDRAIN (2.77 MM THICK)	M	12		
211	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: _____