

DEPARTMENT OF TRANSPORTATION
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*Flex your power!
Be energy efficient!*

December 19, 2008

11-SD-905-R9.5/R15.0
11-288804
HPLU-6211(078)N

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SAN DIEGO COUNTY IN SAN DIEGO FROM 1.2 KM EAST OF ROUTE 805/905 SEPARATION TO 0.8 KM EAST OF BRITANNIA OVERCROSSING.

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 January 8, 2009.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions, the Bid book and provide a copy of the revised Information Handout.

Project Plan Sheets 45, 117, 311, 379, 380, and 391 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, "AMENDMENTS TO THE STANDARD SPECIFICATIONS," is replaced as attached.

In the Special Provisions, Section 4, "BEGINNING OF WORK, TIME OF COMPLETION, AND LIQUIDATED DAMAGES," the seventh paragraph is revised as follows:

"Liquidated damages are \$9,700 per day starting on the 1st day after exceeding 740 working days."

In the Special Provisions, Section 5-1.06, "SUPPLEMENTAL PROJECT INFORMATION," item 7, in the second paragraph is revised as follows:

"7. Materials Information Brochure, December 4, 2008"

In the Special Provisions, Section 10-1.21, "OBSTRUCTIONS," is revised as attached.

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In the Special Provisions, Section 10-1.40, "EARTHWORK," the following paragraph is added after the sixth paragraph as follows:

"If the Contractor chooses to use the optional disposal sites shown in the Information Handout for the disposal of surplus excavated material, embankment at these optional disposal sites shall be placed in conformance with Section 19, "Earthwork," of the Standard Specifications and these special provisions. Temporary erosion control at the optional disposal sites and any traffic handling or traffic control shall be included in the contract price paid per cubic meter for roadway excavation and no separate payment will be made therefor. Irrigation, permanent erosion control, and other work as required by the Engineer at the optional disposal sites shall be in conformance with the Standard Specifications and these special provisions. Irrigation, permanent erosion control, and other work as required by the Engineer at the optional disposal sites will be paid for as extra work as provided in Section 4-1.03 of the Standard Specifications."

In the Special Provisions, Section 10-1.87, "REINFORCED CONCRETE PIPE," subsection "GENERAL," the following paragraph is added after the second paragraph as follows:

"Where reinforced concrete pipe is shown on the plans with resilient connection, the joints shall be positive in conformance with Section 61 "Culvert and Drainage Pipe Joints" of the Standard Specifications and as shown on the plans. The joints shall be sealed with either rubber gaskets or resilient material. The exterior of the joints shall be completely filled with resilient material or wrapped with mastic conforming to ASTM C877. Joints shall not be sealed with cement mortar. Slurry cement backfill shall not be used on culverts with resilient joint type."

In the Special Provisions, Section 10-1.100, "WILDLIFE FENCE," is revised as follows:

"Wildlife fence shall be Type CL – 2.4 and shall conform to the provisions in Section 80, "Fences," of the Standard Specifications and these special provisions.

The bottom 0.3 meter of the chain link fence fabric used for wildlife fence shall be buried as shown on the plans.

The contract price paid per meter for wildlife fence shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in constructing wildlife fence, complete in place, including excavation and backfill of the bottom 0.3 meter of chain link fence fabric, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer."

In the Bid book, in the "Bid Item List," Items 144, 151, 168, and 171 are revised as attached.

To Bid book holders:

Replace pages 10 and 11 of the "Bid Item List" in the Bid book with the attached revised pages 10 and 11 of the Bid Item List. The revised Bid Item List is to be used in the bid.

Attached is a copy of the revised Information Handout .

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.

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This office is sending this addendum by GSO overnight mail to all book holders to ensure that each receives it. A copy of this addendum is available for the Contractors' use on the Web site:

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

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,

ORIGINAL SIGNED BY

ROBERT E. TRAVIS, Chief
Office of Plans, Specifications & Estimates
Division of Engineering Services - Office Engineer

Attachments

10-1.21 OBSTRUCTIONS

Attention is directed to Section 8-1.10, "Utility and Non-Highway Facilities," and Section 15, "Existing Highway Facilities," of the Standard Specifications and these special provisions.

Attention is directed to the existence of certain underground facilities that may require special precautions be taken by the Contractor to protect the health, safety and welfare of workers and of the public. Facilities requiring special precautions include, but are not limited to: conductors of petroleum products, oxygen, chlorine, and toxic or flammable gases; natural gas in pipelines greater than 150 mm in diameter or pipelines operating at pressures greater than 415 kPa (gage); underground electric supply system conductors or cables, with potential to ground of more than 300 V, either directly buried or in a duct or conduit which do not have concentric grounded or other effectively grounded metal shields or sheaths.

If these facilities are not located on the plans in both alignment and elevation, no work shall be performed in the vicinity of the facilities, except as provided herein for conduit to be placed under pavement, until the owner, or the owner's representative, has located the facility by potholing, probing or other means that will locate and identify the facility. Conduit to be installed under pavement in the vicinity of these facilities shall be placed by the trenching method in conformance with the provisions in "Conduit" of these special provisions. If, in the opinion of the Engineer, the Contractor's operations are delayed or interfered with by reason of the utility facilities not being located by the owner or the owner's representative, the State will compensate the Contractor for the delays to the extent provided in Section 8-1.09, "Right of Way Delays," of the Standard Specifications, and not otherwise, except as provided in Section 8-1.10, "Utility and Non-Highway Facilities," of the Standard Specifications.

The Contractor shall notify the Engineer and the appropriate regional notification center for operators of subsurface installations at least 2 business days, but not more than 14 days, prior to performing any excavation or other work close to any underground pipeline, conduit, duct, wire or other structure. Regional notification centers include, but are not limited to, the following:

Notification Center	Telephone Number
Underground Service Alert	811

The following utility facilities will be relocated or removed during the progress of the contract. The Contractor shall notify the Engineer, in writing, prior to doing any actual work at each and every location a minimum of 2 days and a maximum of 5 days prior to the number of notification days required in the table below. The Engineer will in turn, in writing, notify the owners of the facility to relocate or remove the subject utility. The utility facility will be relocated or removed within the listed working days, as defined in Section 8-1.06, "Time of Completion," of the Standard Specifications, after the required notification days indicated below.

Installation of the following utility facilities will require coordination with the Contractor's operations. The Contractor shall make the necessary arrangements with the utility company, through the Engineer, and shall submit a schedule of work, verified by a representative of the utility company, to the Engineer. The schedule of work shall provide not less than the following number of notification days (N Days), and working days (W Days) as defined in Section 8-1.06, "Time of Completion," of the Standard Specifications for the utility company to complete their work:

The Utility Working Days shall not begin until both the notification and site preparation requirements have been met.

Utility Owner and type of facility	Location	Utility N & W Days	Site Prep by Contractor	Utility Co. Work
SDG&E Abandon/Relocate 250 mm Gas Main	"U-3, 4 & 20" Old Otay Mesa Rd./Airway Road./Caliente	40/10	Provide access and clear work area.	Abandon/remove gas main at Old Otay Mesa Rd. Place pipe in Airway Rd.
AT&T Relocate existing U/G lines to Temporary O/H	"U-3" Old Otay Mesa Rd.	20/30	Provide access and clear work area.	Place Poles and switch U/G facilities to O/H poles. Remove/abandon U/G cables and appurtenances.
AT&T Relocate U/G Telephone Lines	"U-3" Old Otay Mesa Rd.	20/30	Subgrade Completed at Old Otay Mesa Rd Crossing.	Place sleeve, conduits and cables. Splice and activate new system.
AT&T Remove Temporary O/H cable and poles	"U-3" Old Otay Mesa Rd.	20/7	Subgrade Completed at Old Otay Mesa Rd Crossing.	Remove O/H lines and temporary poles after new cables transferred into service.
SDG&E Temporary O/H Electrical Lines	"U-5, 19 & 20" Caliente Avenue	40/15	Subgrade completed at temporary Utilities Corridor at Caliente Ave.	Install poles and cables and power the system.
AT&T Temporary O/H	"U-5, 19 & 20" Caliente Avenue	20/25	Subgrade complete and SDG&E poles and cable placed.	Place cables on new SDG&E poles. Splice and activate new system.
Cox Communications Temporary O/H	"U-5, 19 & 20" Caliente Avenue	20/25	Subgrade complete and SDG&E poles and cable placed.	Place cables on new SDG&E poles. Splice and activate new system.
AT & T Remove existing O/H poles and cable	"U-5, 19 & 20" Caliente Avenue	10/5	Provide access and clear work area.	Remove O/H lines and poles after new cables placed and in service.
Cox Communications Remove existing O/H poles and cable	"U-5, 19 & 20" Caliente Avenue	10/5	Provide access and clear work area.	Remove O/H lines and poles after new cables placed and in service.
SDG&E New U/G Electrical Lines	"U-5" Caliente Avenue	40/5	Bridge Stems and Soffit reinforcing steel in place.	Place anchor bolts for conduits support
SDG&E Relocate 250 mm & Future 100 mm Gas Main	"U-5" Caliente Avenue	40/10	Bridge Stems and Soffit reinforcing steel in place.	Place anchor bolts for pipe supports
Cox Communications New U/G TV cable	"U-5" Caliente Avenue	40/10	Bridge Stems and Soffit reinforcing steel in place.	Place anchor bolts for conduits support
SDG&E New U/G Electrical Lines	"U-5" Caliente Avenue	40/10	Bridge Stems and Soffit poured.	Place supports and conduits in bridge cell.
SDG&E Relocate 250 mm & Future 100 mm Gas Main	"U-5" Caliente Avenue	40/10	Bridge Stems and Soffit poured.	Place supports and pipe in bridge cell.
AT&T New U/G System	"U-5" Caliente Avenue	10/10	Bridge Stems and Soffit poured.	Place bridge blocks and conduit in soffit.

Cox Communications New U/G TV cable	"U-5" Caliente Avenue	10/10	Bridge Stems and Soffit poured.	Place supports and conduits in bridge cell & put a cap on.
SDG&E New U/G Electrical Lines	"U-5, 19-20" Caliente Avenue	40/20	Bridge poured and subgrade completed at Caliente Avenue.	Splice cables and place U/G facilities in bridge conduits and roadway. Power new system.
SDG&E Future 100 mm Gas Main	"U-5, 19-20" Caliente Avenue	40/10	Bridge poured and subgrade completed at Caliente Avenue.	Extend bridge pipe beyond approaches and cap.
SDG&E Relocate 250 mm Gas Main	"U-5, 19-20" Caliente Avenue	40/10	Bridge poured and subgrade completed at Caliente Avenue.	Place pipe in roadway and connect with bridge and Airway pipes.
AT&T New U/G System	"U-5, 19-20" Caliente Avenue	20/15	Bridge deck poured, abutments filled and subgrade made in approach slabs	Place conduit and cable through abutments and approaches and intercept existing conduit in road. Splice and activate new system.
Cox Communications New U/G TV cable	"U-5, 19-20" Caliente Avenue	20/15	Bridge poured and subgrade completed at Caliente Avenue.	Place conduits in approach slabs. Position U/G facilities in conduits and cap ends.
SDG&E Remove Temporary O/H Electrical Lines	"U-5, 19-20" Caliente Avenue	40/10	Clear traffic and work around temporary O/H lines and poles.	Remove temporary O/H cables and poles after U/G facilities are powered and temporary telephone lines are removed.
AT&T Remove Temporary O/H cable and poles	"U-5, 19-20" Caliente Avenue	10/5	Provide access and clear work area.	Remove O/H lines and temporary poles after new cables transferred into service.
Cox Communications Remove Temporary O/H cable and poles	"U-5, 19-20" Caliente Avenue	10/5	Provide access and clear work area.	Remove O/H lines and temporary poles after new cables transferred into service.
SDG&E Underground	"U-14" Cactus Road	40/10	Provide access and clear work area on Cactus Road and along north side of Route 905	Relocate existing underground along Cactus and route to new overhead
SDG&E Relocate/Remove O/H Electrical Lines	"U-14" Cactus Road	40/15	Provide access and clear work area on Cactus Road and along the South side of Rte 905, between Sta 153+80 and 155+20.	Install taller poles and switch facility to new poles. Remove existing poles and cables on Cactus and along Rte 905 after the new facility is powered and telephone lines are removed.
AT&T Relocate existing O/H cable and poles	"U-14" Cactus Road	20/30	Provide access and clear work area	Place sleeve, conduits and cable. Splice and activate new system. Remove existing poles & cables
SDG&E Relocate/Remove O/H Electrical Lines	"U-21, 22, 23" Airway Road	40/40		

AT&T Relocate existing O/H cable and poles	"U-21, 22, 23" Airway Road	40/40	.	.
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Refer to the Utility N/W Days column:

N = The minimum number of working days from the date the Engineer receives written notification that a site will be ready for utility work to the date the site is actually ready for utility work.

W = The number of working days needed by the utility company to complete the listed Utility Co. Work.

In the event that the utility facilities mentioned above are not removed or relocated by the date specified and, if in the opinion of the Engineer, the Contractor's operations are delayed or interfered with by reason of the utility facilities not being removed or relocated by the date specified, the State will compensate the Contractor for the delays to the extent provided in Section 8-1.09, "Right of Way Delays," of the Standard Specifications, and not otherwise, except as provided in Section 8-1.10, "Utility and Non-Highway Facilities," of the Standard Specifications.

BID ITEM LIST
11-288804

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	40		
142	597600	PREPARE AND PAINT CONCRETE	M2	340		
143	620909	450 MM ALTERNATIVE PIPE CULVERT	M	1110		
144	620913	600 MM ALTERNATIVE PIPE CULVERT	M	3640		
145	620919	750 MM ALTERNATIVE PIPE CULVERT	M	850		
146	620924	900 MM ALTERNATIVE PIPE CULVERT	M	140		
147	620930	1050 MM ALTERNATIVE PIPE CULVERT	M	92		
148	620933	1200 MM ALTERNATIVE PIPE CULVERT	M	88		
149	620940	1500 MM ALTERNATIVE PIPE CULVERT	M	83		
150	650069	450 MM REINFORCED CONCRETE PIPE	M	56		
151	650075	600 MM REINFORCED CONCRETE PIPE	M	452		
152	650077	750 MM REINFORCED CONCRETE PIPE	M	240		
153	650084	1200 MM REINFORCED CONCRETE PIPE	M	89		
154	015352	200 MM PLASTIC PIPE	M	140		
155	698162	450 MM ALTERNATIVE PIPE DOWNDRAIN	M	9		
156	698169	600 MM ALTERNATIVE PIPE DOWNDRAIN	M	95		
157	015353	1200 MM ALTERNATIVE PIPE DOWNDRAIN	M	44		
158	703233	GRATED LINE DRAIN	M	140		
159	703284	900 MM CORRUGATED STEEL PIPE RISER (2.77 MM THICK)	M	3.2		
160	015354	1850 MM WELDED STEEL PIPE CASING (10 MM)	M	97		

BID ITEM LIST**11-288804**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161	015355	1850 MM WELDED STEEL PIPE CASING (21 MM)	M	170		
162	015356	1500 MM WELDED STEEL CASING	M	190		
163	015357	ANODES AND TEST STATIONS	EA	11		
164	015358	300 MM CEMENT MORTAR LINED AND TAPE COATED WATER LINE	M	1200		
165	015359	400 MM CEMENT MORTAR LINED AND TAPE COATED WATER LINE	M	62		
166	015360	600 MM CEMENT MORTAR LINED AND TAPE COATED WATER LINE	M	540		
167	015361	50 MM TYPE K COPPER PIPE	M	18		
168	705224	600 MM CONCRETE FLARED END SECTION	EA	4		
169	705226	750 MM CONCRETE FLARED END SECTION	EA	1		
170	705336	450 MM ALTERNATIVE FLARED END SECTION	EA	1		
171	705337	600 MM ALTERNATIVE FLARED END SECTION	EA	8		
172	705338	750 MM ALTERNATIVE FLARED END SECTION	EA	1		
173	015362	300 MM BUTTERFLY VALVE, CLASS 250 WITH BYPASS	EA	1		
174	705954	300 MM GATE VALVE	EA	8		
175	015363	400 MM BUTTERFLY VALVE, CLASS 250 WITH BYPASS	EA	9		
176	015364	150 MM BLOW OFF ASSEMBLY	EA	2		
177	015365	50 MM BLOW OFF ASSEMBLY	EA	3		
178	015366	25 MM WATER TEST STATION ASSEMBLY	EA	1		
179	015367	50 MM WATER SERVICE	EA	1		
180	015368	600 MM BUTTERFLY VALVE, CLASS 250	EA	3		