

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

July 2, 2012

12-Ora-5, 74-9.3/10.0, 0.0/0.2
12-OE3104
Project ID 1200000102

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN ORANGE COUNTY AT VARIOUS LOCATIONS.

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 Thursday, August 2, 2012.

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

Project Plan Sheets 23, 224, 346, 432, 441, 444, and 479 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 109A, 109B, 109C, 109D, 109E, 109F, 109G, 109H, 109J, 109K, 109L, and 109M are added. Copies of the added sheets are attached for addition to the project plans.

In the Special Provisions, Section 5-1.14, "NONHIGHWAY FACILITIES (INCLUDING UTILITIES)," is revised as attached.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the fourth through eighth paragraphs are revised as follows:

"Work around area (Parcel 102499) as shown on the plans will be available to contractor to work on or before 12:00 AM, July 1, 2013.

Work around area (Parcel 102506) as shown on the plans will be available to contractor to work on or before 12:00 AM, March 1, 2013.

Work around area (Parcel 102502) as shown on the plans will be available to contractor to work on or before 12:00 AM, July 1, 2013.

Work around area (Parcel 102492) as shown on the plans will be available to contractor to work on or before 12:00 AM, July 1, 2013.

Work around area (Parcel 102494) as shown on the plans will be available to contractor to work on or before 12:00 AM, November 1, 2012."

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12-0E3104
Project ID 1200000102

In the Bid book, in the "Bid Item List," Item 200 is revised as attached.

To Bid book holders:

Replace page 12 of the "Bid Item List" in the Bid book with the attached revised page 12 of the Bid Item List. The revised Bid Item List is to be used in the bid.

The posted cross sections are revised in its entirety.

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/12/12-0E3104

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

5-1.14 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
American Telephone and Telegraph Company-Telephone Underground Conduits. Transverse crossing I-5 Relocate from MH to MH by American Telephone and Telegraph Company	192 ft Lt of Sta 12+30 to 38 ft Lt of Sta 18+06 "B" Line	Dec 1, 2012

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	Utility Address	Location	Days
City of San Juan Capistrano Water Meter To be adjusted to grade	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	41 ft Lt of Sta 6+11. "H" Line	4 weeks notification 1 day to complete
City of San Juan Capistrano Water Meter To be adjusted to grade	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	56 ft Lt of Sta 7+54. "B" Line	
City of San Juan Capistrano Water Meter To be relocated	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	33 ft Rt of Sta 6+37 "B" Line	
City of San Juan Capistrano Water Meter and backflow preventer To be relocated	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	45 ft Rt of Sta 6+62 "B" Line	
City of San Juan Capistrano Fire Hydrant To be relocated	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	25 ft Lt of Sta 8+84. "H" Line	4 weeks notification 1 day to complete
City of San Juan Capistrano Water Valve To be relocated	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	29 ft Lt of Sta 8+92 "H" Line	4 weeks notification 1 day to complete
City of San Juan Capistrano Water Valve To be adjusted to grade	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	43 ft Lt of Sta 7+50. "B" Line	
City of San Juan Capistrano Water Valve To be adjusted to grade	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	22 ft Lt of Sta 6+62. "B" Line	
City of San Juan Capistrano Water Valve. To be removed and install new valve away from Retaining Wall No 80	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	53 ft Rt of Sta 6+75 "B" Line	
City of San Juan Capistrano Sewer Handhole and 8" Sewer Line. To be relocated sewer handhole to Sta 7+50 and abandoned portion of 8" Sewer Line	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	Handhole at 27 ft Lt of Sta 8+20. "B" Line And 8" sewer line between Sta 7+50 to 27ft Lt of Sta 8+20 "B" Line	4 weeks notification 2 days to complete

REVISED PER ADDENDUM NO. 1 DATED JULY 2, 2012 City of San Juan Capistrano 2-12" Water Lines	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	6 ft Lt of Sta 6+60 "H" Line to 6 ft Lt of Sta 10+30 "B" Line	4 weeks notification 10 working days
City of San Juan Capistrano Re connection of Existing 2- 8" Water Lines	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	34 ft Lt of Sta 6+92 to 34 ft Lt of Sta 8+90 "H" Line	
City of San Juan Capistrano 2-12" Water Lines (Geo Foam Area)	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	6 ft to 14ft Lt of Sta 10+30 to 12+51.60 "H" Line	4 weeks notification 4 days to complete
City of San Juan Capistrano-8" Water Line. (Geo Foam Area) To be removed	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	80 ft Lt of Sta 10+30 to 10ft Lt of Sta 12+52 "B" Line	4 weeks notification 1 day to complete
City of San Juan Capistrano. Install 20" Casing New installation in new bridge.	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	6.5 ft Lt of "B: Line between Sta 12+95 to Sta 16+04 "B" Line	4 weeks notification 11 days to complete
City of San Juan Capistrano. Install New 12" Water Line in 20" Casing New installation in new bridge.	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	6.5 ft Lt of "B: Line between Sta 12+95 to Sta 16+04 "B" Line	
City of San Juan Capistrano. Install New 20" Casing New installation in new bridge.	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	13.5 ft Lt of "B: Line between Sta 12+95 to Sta 16+04 "B" Line	
City of San Juan Capistrano. Install New 12" Water Line in 20" Casing New installation in new bridge.	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	13.5 ft Lt of "B: Line between Sta 12+95 to Sta 16+04 "B" Line	
City of San Juan Capistrano. Existing 8" Steel Water Line in 12" Steel Casing. To be abandoned during demolition of bridge.	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	10.5 ft Lt of Sta 12+95 to 10.5 ft Lt of Sta 16+04 "B" Line	
City of San Juan Capistrano Manhole. To be abandoned during demolition of bridge	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	12ft Lt of Sta 15+30 "B" Line	
City of San Juan Capistrano Manhole. To be abandoned during demolition of bridge	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	12ft Lt of Sta 13+45 "B" Line	

City of San Juan Capistrano Fire Hydrant To be relocated	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	66 ft Lt of Sta 18+45 "B" Line	4 weeks notification 3 days to complete
City of San Juan Capistrano Fire Hydrant To be abandoned	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	78 ft Rt of Sta 18+73 "B" Line	
City of San Juan Capistrano- Abandoned Water Meter Servicing State Landscaping To be abandoned	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	44 ft Lt of Sta 17+14 "B" Line	4 weeks notification 4 days to complete
City of San Juan Capistrano Water Meter To be abandoned	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	57 ft Rt of Sta 18+73 "B" Line	
City of San Juan Capistrano Water Meter To be abandoned	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	57 ft Rt of Sta 18+75 "B" Line	
City of San Juan Capistrano Water Meter To be abandoned	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	45 ft Rt of Sta 19+45 "B" Line	
City of San Juan Capistrano Water Meter To be relocated to new sidewalk	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	47 ft Rt of Sta 20+14 "B" Line	
City of San Juan Capistrano-Water Meter Adjust to grade	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	53 ft Rt of Sta 21+13 "B" Line	
City of San Juan Capistrano-Sewer Manhole and 8" Sewer Line To be relocate manhole to Sta 19+11 and to abandon portion of 8" Sewer Line	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	Manhole at 16 ft Rt of Sta 18+32 "B" Line 8" Sewer Line between Sta 18+32 to 19+11 "B" Line	4 weeks notification 2 days to complete
City of San Juan Capistrano-2 Water Valves To be adjusted to grade	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	Between Sta 18+32 to Sta 18+61 "B" Line	4 weeks notification 3 days to complete
City of San Juan Capistrano-4 Water Valves To be adjusted to grade	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	Between Sta 18+32 to Sta 18+61 "B" Line	

City of San Juan Capistrano-Water Valve. To be abandoned	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	15 ft Lt of Sta 17+14 "B" Line	
City of San Juan Capistrano -2 Water Valve. To be adjusted to grade	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	Between Sta 18+68 to Sta 18+84 "B" Line	
City of San Juan Capistrano Install new 12" PVC water pipelines system	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	Between Sta 16+05 to 19+00 "B" Line	4 weeks notification 4 days to complete
City of San Juan Capistrano-Install 12" AC Water Line. New installation by City of San Juan Capistrano along new R/W Line	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	Sta 514+16 to Sta 520+03 "G" Line	4 weeks notification 11 days to complete
City of San Juan Capistrano-12" AC Water Line along existing R/W fence. To be abandoned	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	Sta 514+16 to Sta 520+03 "G" Line	14 days notification 6 days to complete
City of San Juan Capistrano Portion of exist 14" AC Water Line along Rte 74 to be abandoned.	City of San Juan Capistrano 32400 Paseo Adelento San Juan Capistrano, CA 92675	38 ft Rt of Sta 17+08 to 38 ft Rt of Sta 18+90 "B" Line	
American Telephone and Telegraph Company Existing underground conduits to be abandoned	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	9 ft Lt of Sta 8+13 "B" Line to 25 ft Rt of Sta 9+05 "H" Line	10 week notification 1 week to complete
American Telephone and Telegraph Company Existing pull-box to be removed	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	9 ft Lt of Sta 8+13 "B" Line	

American Telephone and Telegraph Company Existing underground conduit to be abandoned	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	32 ft Rt of Sta 5+05 to 19 ft Lt of Sta 8+35 "B" Line	
American Telephone and Telegraph Company Exist underground conduit to be intercepted and extended	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	25 ft to 32 ft Rt of Sta 6+45 "B" Line	
American Telephone and Telegraph Company Exist underground conduit to be relocated lower to avoid Retaining Wall foundation	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	33 ft Rt of Sta 6+20 to 36 ft Rt of Sta 6+27 "B" Line	
American Telephone and Telegraph Company Exist pull-box to be removed	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	33 ft Rt of Sta 6+20 "B" Line	
American Telephone and Telegraph Company New installation of 1-4" conduit under new sidewalk	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	33 ft Rt of Sta 5+17 to 48 ft Rt of Sta 6+28 "B" Line	
American Telephone and Telegraph Company New installation of telephone vault on new sidewalk	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	47 ft Rt of Sta 6+15 "B" Line	
American Telephone and Telegraph Company Existing pull-box to be adjusted to grade	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	35 ft Lt of Sta 6+48. "B" Line	10 week notification 1 week to complete

American Telephone and Telegraph Company Existing manhole to be adjusted to grade	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	38 ft Lt of Sta 18+06 "B" Line	10 week notification 1 week to complete
American Telephone and Telegraph Company Existing overhead dropt cable to be removed	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	117 ft Lt of Sta 17+20 to 46 ft Lt of Sta 18+25 "B" Line	10 weeks notification 3 weeks to complete
American Telephone and Telegraph Company Existing telephone cabinet to be relocated	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	30 ft Rt of Sta 518+88 "G" Line	
American Telephone and Telegraph Company Existing telephone Overhead (Share pole with SDG&E) to be removed	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	25 ft Rt of Sta 518+83 to 25 ft Rt of Sta 519+80 "G" Line	
American Telephone and Telegraph Company Existing underground conduit to be abandoned	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	104 ft Rt Sta 18+58 to 70 ft Rt of Sta 20+66 "B" Line	
American Telephone and Telegraph Company Existing underground conduit to be intercepted and extended	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	39 ft Rt to 64 ft Rt of Sta 20+68 "B" Line	
American Telephone and Telegraph Company Existing vault to be removed	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	71 ft Rt of Sta 20+66 "B" Line	
American Telephone and Telegraph Company Existing vault to be removed	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	61 ft Rt of Sta 20+68 "B" Line	

American Telephone and Telegraph Company Existing underground conduit to be intercepted and relocated	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	At Sta 20+68 "B" Line	
American Telephone and Telegraph Company New installation of 2-4" conduits, 1-4" conduit, and new pull-box	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	From 22 ft Rt to 62 ft Rt Between Station 19+90 to 21+12 "B" Line	
American Telephone and Telegraph Company New installation of 1-4" Conduits	American Telephone and Telegraph Company Attn: Anthony Kwan 1265 Van Buren Street, RM 180 Anaheim, CA 92807	From 36 ft Lt of Sta 18+06 to 80 ft Lt of Sta 19+14 "B" Line	
San Diego Gas & Electric Manhole H106755 To be adjusted to grade	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	16 ft Rt of Sta 6+80. "H" Line	12 weeks notification 10 days to complete
San Diego Gas & Electric Installation of new 1-DB2" Conduit	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	18 ft Rt of Sta 6+84 to 48 ft Rt of Sta 7+22 "H" Line	
San Diego Gas & Electric Install New 1 Phase Transformer-D212121	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	48 ft Rt of Sta 7+22 "H" Line	
San Diego Gas & Electric Install new pull-box for service point	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	68 ft Lt of Sta 9+45 "B" Line	
San Diego Gas & Electric Manhole H114786 to be adjusted to grade	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	34 ft Lt of Sta 19+40 "B" Line	

San Diego Gas & Electric Intercept and extend existing 4- EB5" &, 2-DB5" stubs 2-EB5" conduit	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	10 ft Rt of Sta 7+22 "H" Line to 35.5 ft Rt of Sta 10+25 "B" Line	12 weeks notification 21 days to complete
San Diego Gas & Electric Install Handhole w/traffic lid H128989	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	42 ft Rt of Sta 9+70 "B" Line	
San Diego Gas & Electric Install new 6-DB5" conduit stubs	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	42 ft Rt of Sta 10+20 "B" Line	
San Diego Gas & Electric Install New 2-DB4" conduits	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	38 ft Rt of Sta 6+25 to 42 ft Rt of Sta 9+70 "B" Line	
San Diego Gas & Electric Adjust existing handhole to grade H4883557045	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	38 ft Rt of Sta 6+25 "B" Line	
San Diego Gas & Electric Install new 1-DB2" conduit	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	42 ft Rt of Sta 9+70 to 60 ft Rt of Sta 9+95 "B" Line	
San Diego Gas & Electric Install New 1 Phase Transformer- D212143	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	60 ft Rt of Sta 9+95 "B" Line	
San Diego Gas & Electric Install New 2-DB3" conduit	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	At Sta 9+45 "B" Line	
San Diego Gas & Electric Remove existing cable and abandon conduit	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	From Sta 7+56 to 71 ft Lt of Sta 9+30 "H" Line	12 weeks notification 15 days to complete

San Diego Gas & Electric Existing transformer to be removed D116163	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	35 ft Lt of Sta 8+72 "B" Line	
San Diego Gas & Electric Existing Vault to be removed H4886057042	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	31 ft Lt of Sta 8+67 "B" Line	
San Diego Gas & Electric Remove existing cable and abandon conduit	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	39 ft Rt of Sta 6+24 to 30 ft Lt of Sta 8+64 "B" Line	
San Diego Gas & Electric Install 6-DB5" Conduits	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	35.5 ft Rt of Sta 10+25 to 35.5 ft Sta 12+96 "B" Line	12 weeks notification 2 days to complete
San Diego Gas & Electric Install of new 6-DB5" conduits thru bridge opening	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	35.5 ft Rt of Sta 12+96 to 35.5 ft Rt of Sta 15+76 "B" Line	12 weeks notification 7 days to complete
San Diego Gas & Electric Install of new 6-DB5" conduits	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	35.5 ft Rt of Sta 15+76 to 35.5 ft Rt of Sta 17+50 "B" Line	12 weeks notification 5 days to complete
San Diego Gas & Electric Intercept and Extend 1-DB4" New conduit	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	10 ft Rt of Sta 20+97 to 43 ft Rt of Sta 21+40 "B" Line	12 weeks notification 50 days to complete
San Diego Gas & Electric Intercept and Extend 1-DB4" New conduit	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	43 ft Rt of Sta 21+40 to 50 ft Rt of Sta 21+73 "B" Line	
San Diego Gas & Electric Install New Handhole with traffic lid H128994	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	43 ft Rt of Sta 21+40 "B" Line	

San Diego Gas & Electric Install New 1-DB4" conduit	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	86 ft Rt of Sta 20+20 to 43 ft Rt of Sta 21+40 "B" Line
San Diego Gas & Electric Install new handhole with traffic lid H128995	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	86 ft Rt of Sta 20+20 "B" Line
San Diego Gas & Electric Install New 1-DB4" conduit	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	86 ft Rt of Sta 20+20 to 133 ft Rt of Sta 20+48 "B" Line
San Diego Gas & Electric Install New 3 Phase Transformer D212123	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	133 ft Rt of Sta 20+48 "B" Line
San Diego Gas & Electric Install New 2-DB4" conduits	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	191 ft Rt of Sta 18+80 to 133 ft Rt of Sta 20+40 "B" Line
San Diego Gas & Electric Install New Pull Box	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	191 ft Rt of Sta 18+80 "B" Line
San Diego Gas & Electric Install New 1-DB2" conduits	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	133 ft to 146 ft Rt of Sta 20+48 "B" Line
San Diego Gas & Electric Install New 1 Single Phase Transformer D212125	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	146 ft Rt of Sta 20+48 "B" Line
San Diego Gas & Electric Install New 1-DB3" conduits	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	186 ft Rt of Sta 18+64 to 146 ft Rt of Sta 20+48 "B" Line

San Diego Gas & Electric Install New Pull Box	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	186 ft Rt of Sta 19+10 "B" Line	
San Diego Gas & Electric Install New 1-DB3" Conduits	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	146 ft Rt of Sta 20+48 to 226 ft Rt of Sta 20+61 "B" Line	
San Diego Gas & Electric Install New Pull Box	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	226 ft Rt of Sta 20+61 "B" Line	
San Diego Gas & Electric Install New 1-DB3" conduits	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	86 ft Rt of Sta 20+20 to 236 ft Rt of 20+61 "B" Line	
San Diego Gas & Electric Install new 6-DB5" conduits	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	35.5 ft Rt of Sta 17+50 to 44 ft Rt of Sta 21+40 "B" Line	
San Diego Gas & Electric Intercept and Extend 1-DB3" New Conduit	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	57 ft Lt of Sta 17+90 to 57 ft Lt of Sta 18+58 "B" Line	
San Diego Gas & Electric Install New Pull Box	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	57 ft Lt of Sta 17+90 "B" Line	
San Diego Gas & Electric Install New 1-DB3" conduits	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	100 ft Lt of Sta 18+86 to 83 ft Lt of Sta 19+14 "B" Line	
San Diego Gas & Electric Install New Power Pole	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	83 ft Lt of Sta 19+14 "B" Line	12 weeks notification 10 days to complete

San Diego Gas & Electric Install new power pole	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	188 ft Lt of Sta 12+16 "B" Line	
San Diego Gas & Electric Install new power pole	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	233 ft Rt of Sta 20+70 "B" Line	
San Diego Gas & Electric Overhead Power Lines to be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	Between Sta 15+10 to Sta 17+05 "B" Line	12 weeks notification 30 days to complete
San Diego Gas & Electric Power Pole No 25755 /conduit/risers/xfmr/anchor to be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	82 ft Lt of Sta 17+05 "B" Line	
San Diego Gas & Electric Power Pole No 165947 / conduit/risers/xfmr/anchor to be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	45 ft Lt of Sta 17+69 "B" Line	
San Diego Gas & Electric Power lines to be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	Between Sta 17+05 to Sta 19+83 "B" Line	
San Diego Gas & Electric Power Pole No 124813 /conduit/risers/xfmr/anchor to be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	45 ft Lt of Sta 18+27 "B" Line	
San Diego Gas & Electric Power Pole No 162230 To be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	50 ft Lt of Sta 19+06 "B" Line	
San Diego Gas & Electric-Power Pole No 127253 To be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	56 ft Rt of Sta 17+91 "B" Line	

San Diego Gas & Electric Power Lines to be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	Traverse Rte 74 from PPNo 124813 to PPNo 109505	
San Diego Gas & Electric Pole No 109505 To be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	22 ft Rt of Sta 518+53 "G" Line	
San Diego Gas & Electric- Underground Electric To be abandoned	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	Between Sta 518+41 to Sta 519+13 "G" Line	
San Diego Gas & Electric Pole No 228261 To be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	25 ft Rt of Sta 519+84 "G" Line	
San Diego Gas & Electric Pole No 128932 To be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	25 ft Rt of Sta 519+90 "G" Line	
San Diego Gas & Electric Power Lines to be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	121 ft Rt of Sta 20+64 to 78 ft Rt of Sta 20+66 "B" Line	
San Diego Gas & Electric Pole No 126739 To be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	78 ft Rt of Sta 20+66 "B" Line	
San Diego Gas & Electric-Power Pole No 26797 To be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	121 ft Rt of Sta 20+64 "B" Line	
San Diego Gas & Electric Portion of underground conduit To be abandoned	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	Sta 18+26 to Sta 18+32 "B" Line	12 weeks notification 15 days to complete

San Diego Gas & Electric Vault-H110073 To be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	16 ft Rt of Sta 518+41 "G" Line	
San Diego Gas & Electric Portion of underground conduit To be abandoned	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	Between Sta 518+41 to Sta 519+13 "G" Line	
San Diego Gas & Electric Transformer-D108527 To be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	34 ft Rt of Sta 519+14 "G" Line	
San Diego Gas & Electric Vent to be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	56 ft Rt of Sta 20+90 "B" Line	
San Diego Gas & Electric Vault H110158 To be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	56 ft Rt of Sta 20+95 "B" Line	
San Diego Gas & Electric Fuse Cabinet D137329 To be removed	San Diego Gas & Electric 8315 Century Park Court, CP22A San Diego, CA 92807	56 ft Rt of Sta 21+05 "B" Line	
Southern California Gas Company Install temporary by pass system	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	Sta 10+00 to Sta 17+34 "B" Line	2 weeks notification 15 days to complete
Southern California Gas Company Exist 6" GAS in 10" casing to be abandoned	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	Sta 12+92 to Sta 16+00 "B" Line	
Southern California Gas Company Portion of exist 6" Gas Line to be abandoned for temporary system	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	Sta 10+00 to Sta 12+89 of "B" Line	
Southern California Gas Company Portion of exist 6" Gas Line to be abandoned for temporary system	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	Sta 16+00 to Sta 17+34 of "B" Line	

Southern California Gas Company New installation of 6" PE Gas Line	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	10 ft Rt of Sta Sta 5+30 to to ft Rt of Sta Sta 10+00 of "H" Line	2 weeks notification 25 days to complete
Southern California Gas Company New installation of 3" PE Gas Line	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	10 ft Rt of Sta 6+17 to 10 Rt of Sta 8+40 of "B" Line	
Southern California Gas Company New installation of 6" PE Gas Line	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	10 ft Rt of Sta 8+40 to 10 fr Rt of Sta 10+30	
Southern California Gas Company New installation of Gas Valve	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	10 ft Rt of Sta 10+00 of "B" Line	
Southern California Gas Company New installation of service lateral gas line (service lateral to Del Taco Restaurant)	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	10 ft Rt of Sta 8+32 of "B" Line	
Southern California Gas Company Exist ¾" service gas line to be extended. (Service lateral to Taco Bell Restaurant)	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	At Sta 7+40 of "B" Line	
Southern California Gas Company Exist 6" Gas Line to be abandoned	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	28 ft Lt of Sta 5+30 to Sta 12+96	
Southern California Gas Company Exist 3" Gas Line to be abandoned	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	26 ft Lt of Sta 6+17 to 176 ft Lt of Sta 9+44 of "B" Line	
Southern California Gas Company Exist service lateral gas line to be abandoned (service lateral to Del Taco Restaurant)	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	At Sta 6+70 of "B" Line	
Southern California Gas Company New installation of 12" casing and its restrain supports inside new bridge	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	13 ft Rt of Sta 12+92 to Sta 16+00 "B" Line	30 days notification 5 days to complete

Southern California Gas Company New install of 8" Steel Gas Line inside 12" Steel Casing of new bridge	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	13 ft Rt of Sta 12+92 to Sta 16+00 "B" Line	2 weeks notification 12 days to complete
Southern California Gas Company Install of 8" PE gas line	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	13 ft Rt of Sta 16+00 to 13 ft Rt of Sta 17+34 "B" Line	
Southern California Gas Company Install new gas vent	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	61 ft Rt of Sta 15+87 of "B" Line	
Southern California Gas Company GAS Valve To be adjusted to grade	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	22 ft Rt of Sta 17+43 "B" Line	
Southern California Gas Company Install gas locate station valve	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	61 ft Rt of Sta 17+34 "B" Line	
Southern California Gas Company New installation of 8" PE gas line in the Geo Foam area.	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	13 ft Rt of Sta 10+30 to 13 ft Rt of Sta 12+89 "B" Line	2 weeks notification 2 days to complete
Southern California Gas Company Install new gas vent in the Geo Foam area.	Southern California Gas Company 1919 S. State College Blvd SCB321 Anaheim, CA 92806	61 ft Rt of Sta 12+89 "B" Line	
COX Communications New installation of 2-3" ducts under new sidewalk	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	From 32 ft Rt of Sta 5+00 To 65 ft Rt of Sta 10+30 "B" Line	2 weeks notification 5 days to complete
COX Communications New installation of 3'x5' vault flush with sidewalk	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	32 ft Rt of Sta 5+00 "B" Line	
COX Communications New installation of 3'x5' vault flush with sidewalk	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	58 ft Rt of Sta 10+10 "B" Line	
COX Communications New installation of 2-3" ducts under sidewalk in the Geo Foam Area	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	From 65 ft Rt of Sta 10+30 to 54 ft Rt of Sta 12+92 "B" Line	2 weeks notification 1 day to complete

COX Communications New installation of 2-3" ducts in structure's sidewalk	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	54 ft Rt of Sta 12+92 to 58 ft Rt of Sta 15+73 "B" Line	2 weeks notification 5 days to complete
COX Communications New installation of 2-3" ducts under sidewalk.	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	58 ft Rt of Sta 15+73 to 55 ft Rt of Sta 20+73 "B" Line	2 weeks notification 5 days to complete
COX Communications Exist portion of underground ducts to be relocated (extended)	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	38 ft to 51 ft Rt of Sta 20+74 "B" Line	
COX Communications Existing pull-box to be relocated	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	51 ft Rt of Sta 20+82 "B" Line	
COX Communications Existing pull box to be relocated	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	48 ft Rt of Sta 21+05 "B" Line	
COX Communications Existing portion of underground ducts to be relocated (extended)	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	Between 39 ft to 49 ft Rt of Sta 20+83 to 20+95 "B" Line	
COX Communications Exist pull-box to be removed	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	53 ft Lt of Sta 18+24 "B" Line	2 weeks notification 5 days to complete
COX Communications Portion of exist of 2-3" ducts to be abandoned	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	53 ft Lt of Sta 18+24 to 80 ft Lt of Sta 18+50 "B" Line	
COX Communications Portion of exist 2-3" ducts to be abandoned	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	53 ft Lt of Sta 18+24 to 38ft Lt of Sta 19+24 "B" Line	
COX Communications Exist Amplifier to be relocated	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	53 ft Rt of Sta 20+74 "B" Line	
COX Communications New installation of 3'x5' vault flush with sidewalk	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	76ft Lt of Sta 18+46 "B" Line	

COX Communications New installation of 2-3" ducts and 1-4" duct.	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	76ft Lt of Sta 18+46 to 73 ft Lt of Sta 19+16 "B" Line	
COX Communications New installation of pull-box	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	70 ft Lt of Sta 19+23 "B" Line	
COX Communications New installation of 2-3" ducts and to be intercepted existing ducts.	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	38 ft Lt of Sta 19+14 to 70 ft Lt of Sta 19+23	
COX Communications Exist portion of aerial cable to be relocated to underground. To be jointed trench with SDG&E	COX Communications 29947 Avenida De Las Banderas Rancho Santa Margarita, CA 92688	121 ft Rt of Sta 20+64 to 78 ft Rt of Sta 20+66 "B" Line	

BID ITEM LIST**12-0E3104**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	820107	DELINEATOR (CLASS 1)	EA	71		
182	820118	GUARD RAILING DELINEATOR	EA	280		
183	820134	OBJECT MARKER (TYPE P)	EA	7		
184	832003	METAL BEAM GUARD RAILING (WOOD POST)	LF	2,720		
185	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	1,620		
186 (F)	833033	CHAIN LINK RAILING (TYPE 7 MODIFIED)	LF	610		
187 (F)	833142	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	610		
188	839521	CABLE RAILING	LF	780		
189	839541	TRANSITION RAILING (TYPE WB)	EA	4		
190	839576	END CAP (TYPE A)	EA	2		
191	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	6		
192	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	2		
193	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	2		
194	839601	CRASH CUSHION (TYPE CAT)	EA	1		
195	839602	CRASH CUSHION (TYPE CAT) BACKUP	EA	1		
196	839604	CRASH CUSHION (REACT 9CBB)	EA	1		
197	839701	CONCRETE BARRIER (TYPE 60)	LF	470		
198	839703	CONCRETE BARRIER (TYPE 60C)	LF	170		
199	839704	CONCRETE BARRIER (TYPE 60D)	LF	520		
200	839709	CONCRETE BARRIER (TYPE 60GE)	LF	230		