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Memorandum

DATE:

May 6, 2011

TO:

All Prospective Bidders

FROM:

Ignacio G. Ochoa, P.E.

Director/Chief Engineer, OC Engineering

SUBJECT:

Bulletin No. 7 to the Plans and Special Provisions for the Construction of Santa Ana River Interceptor (SARI) Relocation – SARI Mainline (including Metering Station) – within Facility No. E01 and the Santa Ana River Trail, from SAVI Ranch Development

to the Green River Golf Club.

The bidder's attention is directed to the following changes to the Special Provisions and Plans and the responses to questions:

SPECIAL PROVISIONS

1. VOLUME IA - Section 02769, HIGH DENSITY POLYETHYLENE (HDPE) SEWER PIPE SYSTEM, REPLACE paragraph 2.1.A. to read as follows:

"A. For gravity sewer HDPE Pipe, 63" OD and DR per DRAWING C5003, DETAIL 1 "PIPE INSTALLATION", TABLE 1. For siphon HDPE pipes, 34" OD and DR 17. For other diameters, OD's shall be per manufacturer's literature."

- 2. VOLUME IA Section 02769, HIGH DENSITY POLYETHYLENE (HDPE) SEWER PIPE SYSTEM, REPLACE paragraph 2.1.D. to read as follows:
 - "D. Lengths: Pipe shall be supplied in nominal lengths of 40 feet or greater. Actual laying length shall be nominal +1 inches or -4 inches. At least 90% of the total footage of each size and class of pipe, excluding special order lengths, shall be furnished in nominal length sections"
- 3. VOLUME IA Section 02769, HIGH DENSITY POLYETHYLENE (HDPE) SEWER PIPE SYSTEM, REPLACE paragraph 2.2.A. to read as follows:
 - "A. Pipe and Fittings. The pipe and fittings shall be a high performance, high molecular weight, PE 3608 high density polyethylene pipe. Minimum cell classification value shall be 345464E as referenced in ASTM D 3350. Material shall have a minimum Hydrostatic Design Basis (HDB) of 1600 psi at 73 degrees (F) when tested in accordance with ASTM D2837 and shall be listed in PPI TR-4 by name of the pipe and fitting manufacturer. The fittings shall be fabricated or molded from a polyethylene compound having a cell classification equal to or exceeding the compound used in the pipe or shall be manufactured using the polyethylene compound having a cell qualification equal to or exceeding the cell classification of the pipe supplied."

SARI Relocation: SARI Mainline (including Metering Station) Memo to All Prospective Bidders (Bulletin No. 7) PAGE 2 of 3

- 4. VOLUME IA Section 02769, HIGH DENSITY POLYETHYLENE (HDPE) SEWER PIPE SYSTEM, REPLACE paragraph 3.2.F. to read as follows:
 - "F. Markings
 - 1. Markings shall include the following:
 - Each pipe shall also have the pipe number designation referenced on the laying diagram.
 - b. Pipe ID, OD and DR.
 - c. Cell classification
 - d. Standard specification pipe was built to AWWA C906, ASTM D 3350.
 - e. All markings shall be legible and indelible.
 - f. Any factory performed test reference numbers and dates."

PLANS

5. VOLUME II – TYPICAL TUNNEL SECTIONS AND TUNNEL CASING DETAILS, DRAWING SHEET C5201, CASING PIPE 2, DETAIL 2. REVISE siphon pipe callouts from "36" HDPE" to "34" HDPE" (3 instances). REVISE minimum allowable casing pipe size from "ALLOWABLE CASING SIZE 108" I.D. MIN. (SEE NOTE 6)" to "ALLOWABLE CASING SIZE 98" I.D. MIN. (SEE NOTE 6)." Revised HDPE pipe diameter does not change the HDPE specification (02769) requirements. Pipe details are 34-inch OD (IPS) pipe, with a DR 17 (100 psi).

BULLETINS

6. BULLETIN #4 - DELETE Item 102 and 103. See this BULLETIN #7 - Items 1 and 5.

END OF BULLETIN No. 7.

BIDDERS SHALL ACKNOWLEDGE RECEIPT OF THIS BULLETIN AS PROVIDED FOR IN THE BID PROPOSAL.

APPROVED:

IGNACIO G. OCHOA, P.E.
DIRECTOR/CHIEF ENGINEER

OC ENGINEERING

SARI Relocation: SARI Mainline (including Metering Station)

Memo to All Prospective Bidders (Bulletin No. 7)

PAGE 3 of 3

Attachments: None (Bulletins and Attachments are also available for download at the website below.)

http://www.ocflood.com/SARI Mainline Advertisement.aspx

Distribution: All Prospective Bidders (via email and certified mail)

Project Stakeholders and Design and Construction Management Team

K. Onuma, Flood Control

L. Natsuhara, Flood Control/Santa Ana River

D. J. Bloom, Clerk of the Board