

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
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SACRAMENTO, CA 95816-8041
FAX (916) 227-6214
TTY 711



*Flex your power!
Be energy efficient!*

August 28, 2009

04-Son-101-14.4/22.4
04-0A18U4

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SONOMA COUNTY IN AND NEAR COTATI AND ROHNERT PARK FROM 2.8 KM SOUTH OF RAILROAD AVENUE UNDERCROSSING TO ROHNERT PARK EXPRESSWAY 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 Wednesday, October 7, 2009. The original bid opening date was previously postponed indefinitely under Addendum No. 2 dated August 18, 2009.

This addendum is being issued to set a new bid opening date as shown herein, and to revise the Project Plans, the Notice to Bidders and Special Provisions and the Bid book.

In the Notice to Bidders, the eighth paragraph is revised as follows:

"The DVBE Contract goal is 1 percent."

Project Plan Sheet 658 is revised. A copy of the revised sheet is attached for substitution for the like-numbered sheet.

In the Special Provisions, Section 10-1.45, "EARTH RETAINING STRUCTURES," the table in the third paragraph is revised as attached.

In the Special Provisions, Section 10-4.01, "SEWERS," is revised as attached.

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In the Bid book, in the "Bid Item List," Items 268 is revised as attached.

To Bid book holders:

Replace page 16 of the "Bid Item List" in the Bid book with the attached revised page 16 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, attachments and the modified wage rates are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/04/04-0A18U4

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

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

Attachments

10-4.01 SEWERS

This work shall consist of laying sewer pipe and constructing sewer structures as shown on the plans, and these special provisions and as directed by the Engineer. No work shall be performed adjacent to the existing sanitary sewer mains without the City of Cotati representative present. The Contractor shall notify the Engineer and the City of Cotati, telephone (707) 665-3620 a minimum of 72 hours prior to performing any work adjacent to the mains.

Prior to performing any work on sewer facilities that will interfere with the existing sewage flows, the flow shall be bypassed by pumping the flow around the work area or sequencing the construction such that flow can be bypassed into new sewer line without pumping. The Contractor shall prepare and submit bypass pumping plans to the Engineer for review and approval.

The pumping system shall be of sufficient capacity to handle existing flow. The capacity of pump(s) shall be based on actual flow monitoring and measurement by the Contractor, or an estimate of flow by a registered civil engineer based on a reasonable methodology. Pumping shall be required on a 24-hour basis. Standby pumps and standby power shall be provided with complete 100 percent redundancy. Pumping shall be done by the Contractor in such a manner as will not damage public or private property or create nuisance or health menace. The pumped sewage shall be in an enclosed pipe and shall be reinserted into the sanitary systems. Sewage shall not be allowed to free flow in gutters, streets, or over sidewalks, etc., nor shall any sewage be allowed to flow into the storm inlets or conduits. After the work has been completed, flow shall be restored to normal.

The Contractor shall submit the shop drawings, which include a complete materials list, pipe thickness, design calculations, temporary shoring and construction details. The drawing shall be stamped by a registered structural or civil engineer. The Contractor shall submit 5 sets of drawings and allow eight weeks for Engineer's review.

Existing sewer pipe where any portion of the pipe is within one meter of the grading plane in excavation areas, or within 0.3-m of original ground in embankment areas, or where shown on the plans to be removed, shall be completely removed and disposed of. Removal of existing asbestos material shall be performed by a contractor registered by Cal/OSHA and certified by the State Contractors Licensing Board for asbestos removal. Copies of the certification shall be submitted to the engineer prior to the commencement of any asbestos removal activities. The contractor or subcontractor shall comply with all State and Federal laws regarding handling and removal of asbestos materials. The contractor shall be responsible for the proper identification, removal and disposal of all asbestos materials.

Sanitary sewer pipe replacing the existing 150mm Asbestos Cement Pipe (ACP) at Sta. 93+30 within the limits as shown on the plan shall be SDR 26 PVC pipe. SDR 26 PVC Sanitary sewer pipe shall meet the requirements of ASTM D3034. Sewer pipe and fittings shall be bell and spigot PVC pipe. PVC Pipe shall have elastomeric gasket joints that are oil resistant and conform to ASTM F477.

All pipe, fittings, and appurtenances shall be installed in accordance with the manufacturer's instructions. All connecting parts of pipe, rings, and couplings shall be clean before assembly. Pipe assembly shall be in accordance with the manufacturer's recommendations. Flexible couplings shall be used to connect the new PVC pipe to existing ACP. Flexible couplings shall be made of polyvinyl chloride with stainless steel sheer ring as manufactured by Mission Rubber Company, Fernco Incorporated or equal.

All pipe, fittings, etc. shall be carefully handled and protected against damage when placing on the ground. The Contractor shall inspect each pipe and fitting to ensure that there are no damaged portions of the pipe. The Contractor shall remove or smooth out any burrs, gouges or other small defects prior to laying the pipe.

Pipe bedding and backfill shall conform to the details shown on the plans and Section 65-1.03, "Earthwork," of the Standard Specifications.

Minor concrete backfill shall conform to the provisions in Section 90-10, "Minor Concrete," of the Standard Specifications.

The inside diameter of an installed section of flexible pipe shall not be allowed to deflect more than five (5%) percent. All PVC pipe shall be checked by means of a pipe deflection gauge in the presence of the Engineer.

The installed pipe shall be tested with low pressure air in accordance with ASTM C828 Test shall be made in the presence of the Contractor and the Engineer. If the pipe fails the air test, the Contractor shall locate the source(s) of the leak and repair the defect(s) or relay the pipe, as necessary. The pipe shall then be retested until a satisfactory result is obtained.

Upon satisfactory completion of the testing and after all necessary repairs and adjustments have been made, the entire new system of sewers shall be cleaned. Before beginning the cleaning operation, a standard sand trap shall be placed in the manhole at which the new work connects to the existing system, and it will remain in place until all solid matter has been removed. Under no conditions shall material other than clear flushing water be discharged into the existing system before final acceptance of the new work. Splattered mortar and all irregularities shall be removed from the flow channels, leaving smooth dense uniform surfaces finished in a thoroughly first class manner.

A high pressure sewer jet or hydraulically propelled ball shall be used to clean the entire system of new sewers. Those actions which cannot be visually inspected by mirroring between manholes will be cleaned only in the presence of the Engineer. Prior to the beginning of this work, excessive amounts of debris shall be removed by the Contractor.

Solid material washed into the lower manholes shall be removed from the system. The standard sand trap between the new work and the existing City system shall be removed only after all phases of the work have been approved after final inspection.

Upon completion of sewer cleaning by the Contractor, all sewer main lines shall be television inspected by the City prior to acceptance.

MEASUREMENT AND PAYMENT

The contract price paid per meter for sanitary sewer pipe of the sizes listed in the Engineer's Estimate shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in construction of sewer pipe, and reconnection of sewers, complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

The quantity of minor concrete backfill to be paid for by the cubic meter will be determined from the dimensions shown on the plans or other dimensions as may be ordered in writing, by the Engineer. Concrete placed outside the limits shown on the plans or ordered by the Engineer will not be measured nor paid for.

Full compensation for removing existing sewer pipe, where the new pipe is being installed shall be considered as included in the contract price paid per meter for sanitary sewer pipe.

Full compensation for testing the sewer line, bypass pumping, temporary shoring, temporary plugs, and all other incidental work and material required to construct the sewer system shall be considered as included in the contract prices paid for the various items of sewer work and no separate payment will be made therefor.

Full compensation for the various types of surfacing and bases required to restore all trench excavations and other disturbed areas shall be considered as included in the contract price paid for the various contract items of sewer work and no additional compensation will be allowed therefor.

The above prices and payments shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in constructing sewers, complete in place, as shown on the plans, and as specified in these special provisions, and as directed by the Engineer.

Proprietary Earth Retaining System	Address and Phone Number	Web Site
Reinforced Earth – 1.52 m cruciform 1.52 m	The Reinforced Earth Company 1660 Hotel Circle North, Suite 304 San Diego, CA 92108 (619) 688-2400	www.reinforcedearth.com
Reinforced Earth – 1.52 m square 1.52 m	The Reinforced Earth Company 1660 Hotel Circle North, Suite 304 San Diego, CA 92108 (619) 688-2400	www.reinforcedearth.com
Retained Earth	The Reinforced Earth Company 1660 Hotel Circle North, Suite 304 San Diego, CA 92108 (619) 688-2400	www.reinforcedearth.com
MSE Plus - 1.52 m square	SSL 4740 Scotts Valley Drive, Suite E 209 Scotts Valley, CA 95066 (831) 430-9300	www.mseplus.com
MSE Plus – 1.52 by 1.83 m	SSL 4740 Scotts Valley Drive, Suite E 209 Scotts Valley, CA 95066 (831) 430-9300	www.mseplus.com
ARES – 2.75 by 1.52 m	Tensar International Corporation 34892 Calle Fortuna Capistrano Beach, CA 92624 (949) 488-7054	www.tensarcorp.com
Landmark Reinforced Soil Wall System	Anchor Wall Systems, Inc. 5959 Baker Road, Suite 390 Minnetonka, MN 55345-5995 (877) 295-5415	www.anchorwall.com

**BID ITEM LIST
04-0A18U4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
261	016022	VIDEO ENCODER UNIT (VEU)	EA	7		
262	016023	EXTINGUISHABLE MESSAGE SIGN RADIO CONTROLLER ASSEMBLY	EA	3		
263	016024	EXTINGUISHABLE MESSAGE SIGN PANEL (LED)	EA	8		
264	016025	GENERAL PACKET RADIO SYSTEM (GPRS) WIRELESS MODEM ASSEMBLY	EA	11		
265	016026	VIDEO IMAGE VEHICLE DETECTION SYSTEM	LS	LUMP SUM	LUMP SUM	
266	BLANK					
267	017294	DEMOLITION OF BUILDING STRUCTURES	LS	LUMP SUM	LUMP SUM	
268	717073	150 MM SEWER PIPE	M	26		
269	017295	PHOTOVOLTAIC PANEL STRUCTURE	LS	LUMP SUM	LUMP SUM	
270	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

**TOTAL BID
FOR ITEMS:**

_____ \$ _____

**TOTAL BID
FOR TIME:**

$$\frac{\text{WORKING DAYS BID (Not to exceed 650 Days)}}{\text{COST PER DAY}} \times \$17,800.00 = \text{_____ } \$ \text{_____}$$

TOTAL BID FOR COMPARISON (COST PLUS TIME): \$ _____