



## AGENDA REPORT

**Meeting Date:** February 19, 2008  
**Item Number:** F-9  
**To:** Honorable Mayor & City Council  
**From:** Ara Maloyan, Deputy City Engineer   
**Subject:** **APPROVAL OF THE AWARD OF A CONTRACT TO THE LOWEST RESPONSIBLE BIDDER, INSITUFORM TECHNOLOGIES, INC. FOR SEWER REHABILITATION IN BEVERLY DRIVE FROM COLDWATER CANYON DRIVE TO 1052 BEVERLY DRIVE ("PROJECT") WITHIN THE CITY OF BEVERLY HILLS, CALIFORNIA IN THE AMOUNT OF \$69,164; APPROVAL OF THE PLANS AND SPECIFICATIONS FOR THE PROJECT; AND**  
**APPROVAL OF THE PURCHASE ORDER TO INSITUFORM TECHNOLOGIES, INC. IN THE AMOUNT OF \$80,000**

**Attachments:**

1. October 26, 2005 DHS Meeting Minutes
2. Project Location Map
3. Categorical Exemption
4. Agreement

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### **RECOMMENDATION**

Staff recommends the City Council: 1) Award the contract to Insituform Technologies, Inc. in the amount of \$69,164 to rehabilitate the existing sewer in Beverly Drive between Coldwater Canyon Drive and 1052 Beverly Drive; 2) Authorize a contingency amount of \$10,836 to make minor changes to the contract if needed; and 3) Approve issuing a purchase order to Insituform Technologies, Inc. in the amount of \$80,000.

### **INTRODUCTION**

This report is a request for City Council approval to award a contract to the lowest responsible bidder for the sewer rehabilitation in Beverly Drive between Coldwater Canyon Drive and 1052 Beverly Drive; adjacent to the new Coldwater Canyon Reservoir. This project is part of the city's capital improvement program.

### **DISCUSSION**

The City of Beverly Hills is currently replacing an underground potable water reservoir south of the intersection of Coldwater Canyon and Beverly Drives (Coldwater Canyon Reservoir); *see Attachment No. 2*. California Administrative Code Title 22 Section 64602 states that subsurface water distribution reservoirs shall be lined and shall be

located at least 50 feet from the nearest sanitary sewer. However, a 750 LF section of the existing 12" sanitary sewer on Beverly Drive is less than 50 feet from the future Coldwater Reservoir (Manhole No. 512 to Manhole No. 516). Consequently, at a meeting (on October 26, 2005) to obtain Department of Health Services (DHS) approval for the new reservoir, DHS staff required that portion of the existing sewer on Beverly (adjacent to the new reservoir) to be lined; as a measure to compensate for the lower than 50 foot separation; *see Attachment No. 2.*

In June 2007, the city retained Psomas to prepare contract documents (including a Preliminary Design Report) for the rehabilitation of the existing sewer in Beverly Drive adjacent to the future Coldwater Reservoir. Plans and specifications were approved by the Director of Public Works.

On December 11, 2007, bids were opened after public advertising. Three bids were received as follows:

Insituform Technologies, Inc.	\$ 69,164.00
Southwest Pipeline and Trenchless Corporation	\$ 108,508.00
Wesco Infrastructure Technologies	\$ 129,789.96

All documents submitted by all the bidders were in order, and the low bidder is Insituform Technologies, Inc. The Engineer's Estimate was \$170,000. The significant difference between Insituform's bid and Psomas's cost estimate was explained by Insituform when they advised us that they had intentionally put in an aggressive bid and that a substantial part of the cost difference lies in the fact that Insituform is proposing to complete construction in two 12-hour shifts, instead of the two 24-hour shifts that Psomas had estimated.

Staff conducted and received positive reference checks from the Cities of Santa Ana and Pasadena and Las Virgenes Water District; where Insituform completed similar lining projects. Staff recommends that the lowest bid be accepted and a contract awarded.

**FISCAL IMPACT**

A contingency allowance in the amount of \$10,836 (15.6%) has been included in the total purchase order amount of \$80,000. Any change orders that require expenditures from this allowance shall be made only upon written request in accordance with the Administration Regulation regarding change orders.

Funds for this project are provided as follows:

DEPT	FUND	PROJECT NUMBER	SUB-PROJECT NUMBER	FUNDING SOURCE	AMOUNT
35	84	66	35-84-0066	Waste Water Enterprise Fund	\$ 80,000.00

  
 Scott Miller  
 Finance Approval

  
 David Gustavson  
 Approved By



TETRA TECH, INC.

## MEETING MINUTES

CLIENT: City of Beverly Hills  
 JOB TITLE: Coldwater Canyon Reservoir  
 PROJECT NO.: 0533.0029.01  
 SUBJECT: Design Meeting with DHS  
 MEETING DATE: October 26, 2005 at 10:00 a.m.  
 PREPARED BY: Elisa Ventura, Tetra Tech, Inc  
 ATTENDEES: Chun Huang State of California, Dept. of Health Services  
 Elisa Ventura Tetra Tech, Inc.

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These minutes summarize the items discussed or issues resolved at the meeting to the best of the writer's ability. If the recipients understand differently, please notify the writer as soon as possible so corrections can be made.

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### Discussion Items:

1. **Park:** Tetra Tech noted that a park will be located over the proposed buried reservoir with unrestricted public access. DHS will allow this use. DHS also inquired on the source of water for the park's water feature. Tetra Tech stated that the concept for this item has not been developed yet.
2. **Separation Requirements:** Separation requirements were discussed and DHS clarified that a proposed restroom would be held to the minimum 50-foot separation requirement from the reservoir, similar to the separation requirement for sewer pipelines, and not the 150 feet as required for "other sewerage facilities" in the Drinking Water Regulations. Tetra Tech will prepare a plan showing a 50-foot separation zone from the outside wall of the proposed reservoir replacement and determine whether there remains any room on site for locating a restroom.

Tetra Tech noted that there are existing sewer pipelines in Beverly Blvd./Coldwater Canyon and Woodland Drive that will lie within 50 feet of the proposed reservoir. (Note: After the meeting, Tetra Tech identified these as 12-inch and 8-inch pipelines, respectively. Although the separation varies, the minimum separation appears to be 30 feet.) Tetra Tech noted that if necessary for compliance, the City has offered to line the sewer lines that run along the perimeter of the reservoir. DHS agreed that lining will be required as a measure to compensate for the less than 50 feet of separation.

DHS gave a copy of the Guidance Criteria for the Separation of Water Mains and Non-Potable Pipelines for reference.

3. **Overflow and Drainage:** Tetra Tech stated that it appears that the existing reservoir overflows to a 7'x8' storm drain box. The inlet to the storm drain was retrofitted several years ago with a spring-loaded flap gate. Tetra Tech proposes either to 1) connect the new overflow to the existing inlet with flap gate and include a series of check valves on the overflow piping for

# MEETING MINUTES

October 26, 2005

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backflow protection or 2) construct a new overflow and connection to the storm drain with a check valve and new flap gate for backflow protection. Tetra Tech also proposes to connect to an existing 39-inch storm drain for reservoir drainage with an in-line shut-off valve. DHS will review the proposed concept and respond at a later time.

4. **Lining:** Tetra Tech asked DHS to clarify the lining requirement for buried reservoirs, as stated in the regulations. DHS stated that they are not aware of specific lining requirements, but stressed the requirements for water tightness and passed out a copy of AWWA D110-04 for reference.

Note: Subsequent to the meeting, DHS stated that they will require that the reservoir be lined. Tetra Tech will follow-up with the requirements.

5. **Sampling:** Tetra Tech inquired about future water quality standards and sampling requirements, stating that the City would like to make provisions during reservoir replacement for any future requirements. DHS stated that they are not aware of any future requirements beyond the sampling required at the reservoir effluent line. DHS did state that the draft Waterworks Standards will require provisions for bypassing the reservoir when taken out of service.

## Action Items:

- A. Tetra Tech will prepare an up-to-date plan of the concepts developed thus far for the reservoir, including reservoir sections and send these plans to DHS for reference.
- B. DHS will respond with backflow protection requirements for the reservoir overflow and drain piping.

- c Attendees  
Ara Maloyan/City of Beverly Hills  
Scott Delliner/Tt  
Ken Berard/Tt



CITY OF BEVERLY HILLS  
DEPARTMENT OF COMMUNITY DEVELOPMENT  
PLANNING

**Categorical Exemption**

NAME OF PROJECT Sewer Rehabilitation in Beverly Drive from  
Coldwater Cañon Drive to 1052 Beverly Drive

LOCATION North Beverly Drive, south of Coldwater Cañon Drive

PROJECT DESCRIPTION Line the interior of 752 linear feet of  
12" VCP sewer mainline.

APPLICANT'S NAME City of Beverly Hills PHONE 310.285.1000

APPLICANT'S ADDRESS 455 North Rexford Drive

CITY Beverly Hills, California ZIP 90210

IF DIFFERENT, PROVIDE:

AGENT'S NAME Dept. of Public Works PHONE 310.285.2504

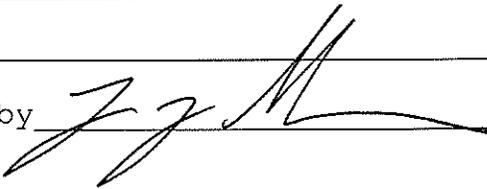
AGENT'S ADDRESS 345 Foothill Road

CITY Beverly Hills, California ZIP 90210

The undersigned, having received this project for processing, has reviewed it for environmental impact and concluded that the project qualifies for a categorical exemption under the procedures adopted by the City of Beverly Hills and no further environmental assessment is necessary.

Applicable Exemption Class 1(b)

COMMENTS Repair & maintenance of existing public facility  
with no expansion of use.

Reviewed by  Date December 27, 2007

<b>AGREEMENT</b>
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THIS AGREEMENT, made and entered into this 19<sup>th</sup> day of February, 2008, by and between the CITY OF BEVERLY HILLS, a municipal corporation, hereinafter referred to as "City", and

**Insituform Technologies, Inc.**  
**1400 E. Orangethorpe Ave.**  
**Fullerton, CA 92831**

hereinafter referred to as "Contractor";

WITNESSETH

In this consideration of their covenants the parties hereto agree as follows:

1. Contractor shall furnish all labor, materials and equipment necessary to perform the following work in the City of Beverly Hills, California, strictly in accordance with the Notice to Bidders, Proposal Form, Plans and Specifications for such improvement, and Standard Contractual Requirements, each of which documents are on file in the Engineering Division of the City's Public Works Department and made a part of this Contract as though fully set forth herein:

**SEWER REHABILITATION IN BEVERLY DRIVE FROM COLDWATER CANYON DRIVE TO 1052 BEVERLY DRIVE**

2. By signing this Agreement, Contractor acknowledges and agrees that Contractor has obtained from the City a complete set of all documents that are made part of this agreement.
3. In consideration of such work City agrees to pay Contractor and Contractor agrees to accept the sum of **Sixty-Nine Thousand One Hundred Sixty-four Dollars (\$69,164.00)** in the manner provided in subject Specifications and subject to adjustment provided therein.
4. Concurrently with the execution of this Contract, Contractor shall file with the City the bonds and certificates of insurance specified in said Standard Contractual Requirements.
5. This Contract shall not be assigned without the written permission of the City Council.

IN WITNESS WHEREOF, the parties hereto have executed this instrument the day and year first above written.

ATTEST:

CITY OF BEVERLY HILLS,  
A Municipal Corporation

\_\_\_\_\_  
BYRON POPE, City Clerk

\_\_\_\_\_  
JIMMY DELSHAD  
Mayor

APPROVED AS TO CONTENT:

CONTRACTOR:

\_\_\_\_\_  
RODERICK J. WOOD  
City Manager

\_\_\_\_\_  
KARL KIRKMAN, Risk Manager

\_\_\_\_\_  
DAVID D. GUSTAVSON  
Director of Public Works & Transportation

APPROVED AS TO FORM:

FUNDS AVAILABLE:

\_\_\_\_\_  
LAURENCE S. WIENER  
City Attorney

\_\_\_\_\_  
SCOTT MILLER,  
Director of Finance Administration