



Office of the City Manager

CONSENT CALENDAR
June 4, 2013

To: Honorable Mayor and Members of the City Council
From:  Christine Daniel, City Manager
Submitted by: Andrew Clough, Director, Public Works
Subject: Contract: J. Howard Engineering, Inc. for Sanitary Sewer Rehabilitation Project on Hillcrest Road, Domingo Avenue, Plaza Drive, The Uplands, and Parkside Drive

RECOMMENDATION

Adopt a Resolution, (1) Approving plans and specifications for the Sanitary Sewer Project, 13-10728-C, located on Hillcrest Road, Domingo Avenue, Plaza Drive, The Uplands, and Parkside Drive; and (2) Accepting the bid of the lowest responsive and responsible bidder, J. Howard Engineering, Inc.; and (3) Authorizing the execution of a contract and any amendments, extensions or other change orders until completion of the project in accordance with the approved plans and specifications, in an amount not to exceed \$573,577.

FISCAL IMPACTS OF RECOMMENDATION

Funding is available in the Sanitary Sewer Fund Capital Improvement budget (830-5213-432-6510-13SR02). No other funding is required.

Low bid by J. Howard Engineering, Inc. ...	\$477,981
20% Contingency	\$95,596
Total construction cost	\$573,577

The Contract Management System number for this contract is CMS No. FMUFQ.

CURRENT SITUATION AND ITS EFFECTS

This sewer rehabilitation project is shown on the map (Attachment 2) and is located at Hillcrest Road, Domingo Avenue, Plaza Drive, The Uplands, and Parkside Drive. The sanitary sewer collection system in this area dates back to the 1960s and should be replaced to prevent future pipe failures, sewer blockages, and leakage problems. Field investigations performed using a closed circuit television camera indicated deteriorated piping, root infiltrations from City trees, and pipe defects in the existing sewer mains. These conditions are similar to the problems found in other sewer mains prior to replacement by the City.

The work to be done consists of replacement or rehabilitation of approximately 2,846 linear feet (LF) of 8-inch to 12-inch diameter sanitary sewer mains, construction of manholes, replacement of 4-inch and 6-inch diameter sewer laterals, and related work. The scope of work includes provisions for related emergency/urgent work at other locations within the City on an as-needed basis, and a 20% contingency to cover related unexpected construction services. The term of the contract is 150 calendar days, which includes a performance period of 90 days and an additional 60 calendar days for project closeout.

This sanitary sewer project is part of the City's ongoing program to rehabilitate or replace the aging sewer system, and to eliminate potential health hazards to the public.

BACKGROUND

The City implemented a long-term, mandated Sanitary Sewer Capital Improvement Program in the 1980s to maintain compliance with the Environmental Protection Agency (EPA) and Regional Water Quality Control Board (RWQCB) Cease and Desist Order to eliminate sewage overflows and reduce storm water infiltration and inflow into the sanitary sewer system. This is the 24th year of this 30-year compliance plan. During this time there have been significant accomplishments in both the reduction of sewage overflows and the replacement and upgrading of the City's portion of the sanitary sewer system.

This project was released for bids on March 26, 2013, and bids were opened on April 16, 2013. Four non-local bids were received from a low of \$477,981 to a high of \$676,338. J. Howard Engineering, Inc. was the lowest apparent bidder. References for J. Howard Engineering were provided and checked out satisfactorily. It is recommended that a contract for this project be awarded to them.

The Living Wage Ordinance does not apply to this project since Public Works construction contracts are, pursuant to City policy, subject to State prevailing wage laws. The lowest responsive responsible bidder will need to submit a Certification of Compliance for the Equal Benefits Ordinance.

RATIONALE FOR RECOMMENDATION

Contracted services are required for these large, complex projects. The City does not have the in-house labor or equipment resources to complete the sanitary sewer rehabilitation and replacement sewer projects or address all emergency/urgent sewer repair work. If action is delayed, the sewer repairs will be delayed.

ALTERNATIVE ACTIONS CONSIDERED

There is no reasonable alternative, as these lines are in poor condition and in need of rehabilitation now or in the near future. Without rehabilitation work, the sewer system will continue to age and the probability of future sanitary sewer leakages and backup problems will increase.

CONTACT PERSON

Jeffrey L. Egeberg, Manager of Engineering, Public Works, 981-6400
Kenneth Emeziem, Supervising Civil Engineer, Public Works, 981-6444
Paul Kaushal, Acting Associate Civil Engineer, Public Works, 981-6396

Attachments:

- 1: Resolution
- 2: Location Map
- 3: Bid Results

RESOLUTION NO. ##,###-N.S.

CONTRACT: J. HOWARD ENGINEERING, INC., FOR SANITARY SEWER PROJECT ON HILLCREST ROAD, DOMINGO AVENUE, PLAZA DRIVE, THE UPLANDS, AND PARKSIDE DRIVE

WHEREAS, the Sanitary Sewer Project located on Hillcrest Road, Domingo Avenue, Plaza Drive, The Uplands, and Parkside Drive is part of the City's on-going Sewer Capital Improvement Program to replace the aging and deteriorated sanitary sewer system; and

WHEREAS, such Capital Improvement Program is a requirement of compliance with the National Pollution Discharge Elimination System Permit and Regional Water Quality Control Board Cease and Desist Order; and

WHEREAS, the City has neither the labor nor the equipment necessary to undertake this Sanitary Sewer Project and other emergency/urgent sewer repairs; and

WHEREAS, an invitation for bids was duly advertised and J. Howard Engineering, Inc. was the determined to be the lowest responsive and responsible bidder; and

WHEREAS, funds are available in the Sanitary Sewer Fund Capital Improvement budget (830-5213-432-6510-13SR02), and the contract has been entered in the City database with CMS No. FMUFQ.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the Plans and Specifications No. 13-10728-C for the Sanitary Sewer Project located on Hillcrest Road, Domingo Avenue, Plaza Drive, The Uplands, and Parkside Drive are approved.

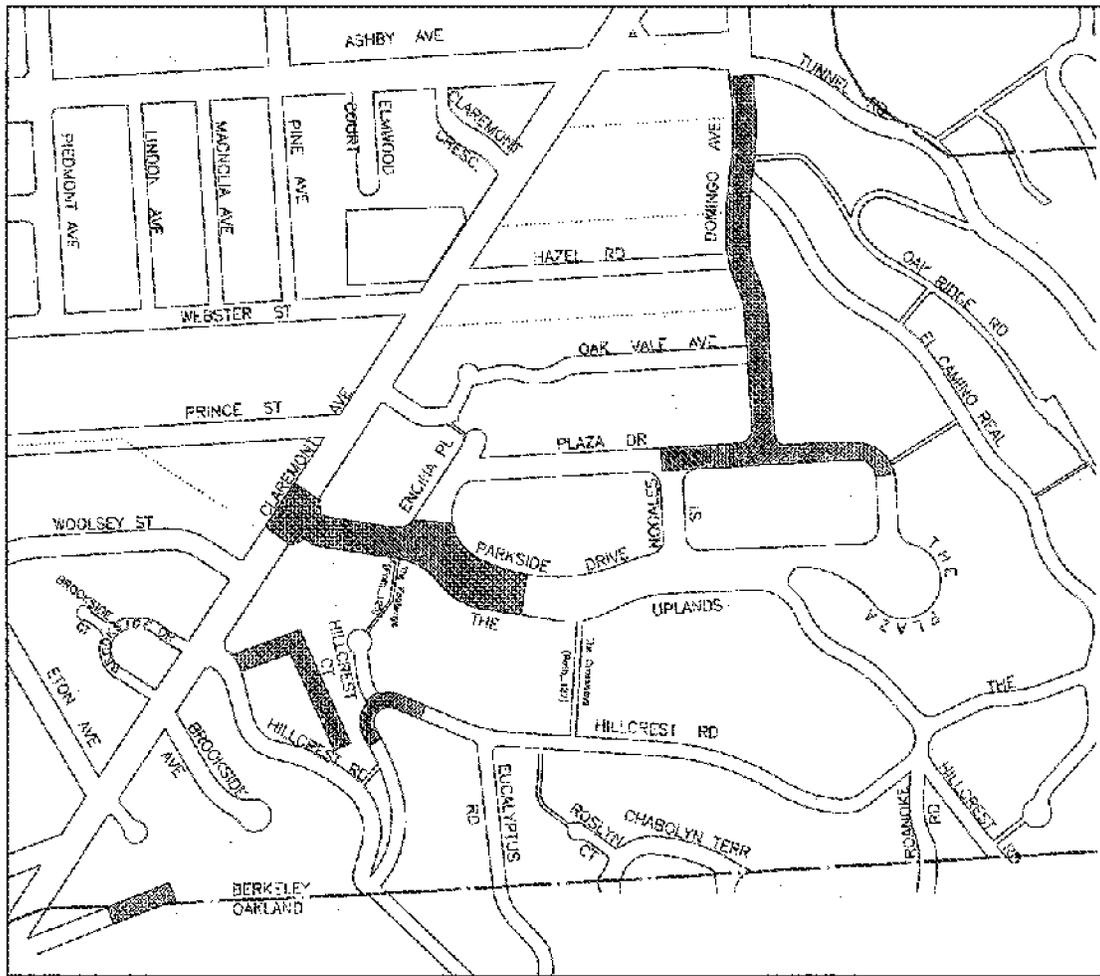
BE IT FURTHER RESOLVED that the Council of the City of Berkeley authorizes the City Manager to execute a contract and any amendments, extensions or change orders with J. Howard Engineering, Inc., until completion of the project in accordance with the approved specifications for the Sanitary Sewer Project located on Hillcrest Road, Domingo Avenue, Plaza Drive, The Uplands, and Parkside Drive, in an amount not to exceed \$573,577 that includes a 20% contingency for unforeseen circumstances. A record signature copy of said agreement and any amendments to be on file in the Office of the City Clerk.

LOCATION MAP

SANITARY SEWER REHABILITATION

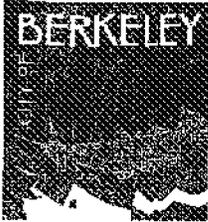
DOMINGO AVENUE, PLAZA DRIVE, THE UPLANDS, PARKSIDE DRIVE,
HILLCREST ROAD BACKLINE, HILLCREST ROAD, AND MYSTIC STREET

SPECIFICATION NO. 10-10491-C



■ — CONSTRUCTION AREA

ATTACHMENT 2



City of Berkeley
Abstract of Bid Worksheet

Finance Department
General Services Division

FOR: SANITARY SEWER RETAB. PROJECT - HILLCREST ROAD, SPEC. # 13-10728-C Bid Date: 4/16/13
DOMINGO AVE., PLAZA DR., THE UPLANDS, PARKSIDE DR.

Bidders	Base Bid	Nuc Free	Work Force Comp	Opp. States	Living Wage	EBO	Bid Bond	Addenda
1 J. HOWARD EDG.	477,981.00	/	/	/	/	/	/	
2 EXPRESS FURNISHING & SERVICE	676,338.00	/	/	/	/	/	/	
3 DREYER & HARDY CONSULT.	618,947.00	/	/	/	/	/	/	
4 PACIFIC TRENCHLESS	520,564.00	/	/	/	/	/	/	
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Bid Recorder: *Eric Blumhagen* 4/16/13
 Bid Opener: *Shane Green* 4/16/13
 Project Manager: *P. [Signature]* 4/16/13