



Office of the City Manager

CONSENT CALENDAR  
April 25, 2017

To: Honorable Mayor and Members of the City Council  
From: Dee Williams-Ridley, City Manager  
Submitted by: Phillip L. Harrington, Director, Department of Public Works  
Subject: Contract: Westland Contractors, Inc. for Sanitary Sewer Manhole Rehabilitation FY 2017

RECOMMENDATION

Adopt a Resolution approving plans and specifications for the Sanitary Sewer Manhole Rehabilitation FY 2017 Project, located at various locations throughout the City, and authorizing execution of a contract with Westland Contractors, Inc. and any amendments, extensions, or other change orders until completion of the project in accordance with approved plans and specifications in an amount not to exceed \$430,232.

FISCAL IMPACTS OF RECOMMENDATION

Funding is available in the FY 2017 Sanitary Sewer Fund 830-5213-432-6510 (17SR02 – Sanitary Sewer Rehabilitation Project) and no other funding is required.

Low bid by Westland Contractors, Inc...	\$391,120
10% Contingency.....	\$ 39,112
<b>Total construction cost</b>	<b>\$430,232</b>

The contract has been assigned CMS No. X585P.

CURRENT SITUATION AND ITS EFFECTS

This sanitary sewer project is part of the City’s ongoing program to rehabilitate or replace its aging sewer system thereby eliminating potential health hazards to the public. As shown on the map appended to this report (Attachment 2), this project will be sited at various locations throughout the City where the sanitary sewer collection system needs immediate repair to prevent future structural failures, sewer blockages, and leakage problems. Field investigations indicated poor structural walls, deteriorated manhole bases, and root infiltration from City trees. These manholes should be replaced or rehabilitated to reduce inflow and infiltration of storm-water, and to prevent sewer blockages and leakage problems.

Planned work will include removal and replacement of twenty-one existing manholes; rehabilitation of six other manholes; point (spot) repair at eight locations; and other

related work. The planned scope of work also includes provision for emergency/urgent work related to acute sewer system defects at other locations that may arise during FY 2017. As required by Environmental Protection Agency (EPA) and Regional Water Quality Control Board (RWQCB) Consent Decree (Consent Decree),<sup>1</sup> such acute defects must be addressed within one year of being identified. The contract's eighty-five working day term includes a forty working day performance period, and an additional forty-five working days for project closeout. A 10% contingency is included for construction related events.

### BACKGROUND

To remain in compliance with the Consent Decree, the City has implemented a mandated long-term Sanitary Sewer Capital Improvement Program to eliminate Sanitary Sewer Overflows (SSOs) and reduce storm water infiltration and inflow into the sanitary sewer system. Through this Program, the City utilizes a comprehensive asset management approach based on complex and evolving hydrologic and hydraulic modeling and condition assessments to repair, replace, or upgrade the City's sanitary sewer system. Ultimately, these actions will assist the East Bay Municipal Utility District (EBMUD) in its goal of eliminating discharges from its Wet Weather Facilities by the end of 2035.

This is the third year of the twenty-two year Consent Decree program, which stipulates the City shall perform Collection System Repair and Rehabilitation to control infiltration. This is in support of, and in addition to ongoing work previously identified in the City's Sanitary Sewer Management Plan (SSMP) and Asset Management Implementation Plan (AMIP).

An Invitation for Bids (Spec. No. 17-11105-C) was released on January 24, 2017, and three non-local bids were received ranging from \$391,120 to \$547,020 (Attachment 3). The engineer's estimate for the project was \$448,000. Westland Contractors, Inc. (Westland) of Burlingame, California was the lowest responsive and responsible bidder with satisfactory review and references.

The Living Wage Ordinance does not apply to this project as Public Works construction contracts are, pursuant to City policy, subject to State prevailing wage laws. Westland submitted a Certification of Compliance with the Equal Benefits Ordinance. The Community Workforce Agreement (CWA) does not apply to this project as estimated project value does not exceed \$500,000. As a result, the successful bidder and all subcontractors will not be required to sign agreeing to be bound by the terms of the CWA.

### ENVIRONMENTAL SUSTAINABILITY

Improvements to the City's sanitary sewer system will protect water quality by reducing

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<sup>1</sup> Consent decree issued July 28, 2014

the frequency of SSOs, and storm water infiltration and inflow into the City's sewer system that can negatively affect the San Francisco Bay.

RATIONALE FOR RECOMMENDATION

Contracted services are required for these large projects, as the City lacks the in-house expertise and equipment resources needed to complete scheduled sanitary sewer rehabilitation and replacement projects. Further, the City must take timely action to address urgent/emergent sewer repairs without delay. Finally, the City remains subject to potential fines and penalties under the Consent Decree that demands repair of acute sanitary sewer defects within one year of their discovery.

ALTERNATIVE ACTIONS CONSIDERED

No reasonable alternative exists as Sanitary Sewer Manholes in the City sewer system are in poor condition and need timely rehabilitation to prevent infiltration and inflows, future sanitary leakages, and backup problems.

CONTACT PERSON

Paul Kaushal, Manager of Engineering/City Engineer (510) 981-6396  
Kenneth Emeziem, Supervising Civil Engineer (510) 981-6444

Attachments:

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

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

CONTRACT: WESTLAND CONTRACTORS, INC. FOR SANITARY SEWER  
MANHOLE REHABILITATION FY 2017

WHEREAS, the Sanitary Sewer Project is part of the City's on-going Sewer Capital Improvement Program to replace the aging and deteriorated sanitary sewer system; and

WHEREAS, the Capital Improvement Program is a requirement of compliance with the National Pollution Discharge Elimination System Permit and California Regional Water Quality Control Board Consent Decree; and

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

WHEREAS, an invitation for bids was duly advertised and Westland Contractors, Inc. was found to be the lowest responsive and responsible bidder; and

WHEREAS, funds are available in the FY 2017 Sanitary Sewer Fund 830 and the contract has been entered as CMS No. X585P.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the Plans and Specifications No. 17-11105-C for the Sanitary Sewer Manhole Rehabilitation Project FY 2017 are approved.

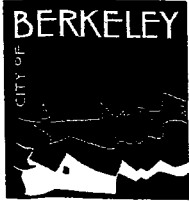
BE IT FURTHER RESOLVED that the Council authorizes the City Manager to execute a contract and any amendments, extensions or change orders with Westland Contractors, Inc., until completion of the project in accordance with approved specifications for the Sanitary Sewer Manhole Rehabilitation Project FY 2017 at various locations throughout the City, in an amount not to exceed \$430,232 including a 10% construction contingency. A record signature copy of said agreement and any amendments will be on file in the Office of the City Clerk.

# LOCATION MAP

## SANITARY SEWER REHABILITATION MANHOLE REHABILITATION FY 2017 SPECIFICATION NO. 17-11105-C



■ ● - CONSTRUCTION AREA



City of Berkeley  
Abstract of Bid Worksheet

Finance Department  
General Services Division

FOR: Sanitary Sewer Rehab Manhole Rehab FY 2017

Spec. # 17-1105-C

Bid Date: 02/16/17

	Bidders	Base Bid	Nuc Free	Work Force Comp	Opp. States	Living Wage	EBO	Bid Bond	Addenda
1	Westland Contractors	39,120.00	/	/	/	/	/	/	
2	Dolaney Eng. Inc.	493,800.00	/	/	/	/	/	/	
3	Crede Construction	547,020.00	/	/	/	/	/	/	
4									
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7									
8									
9									
10									

Bid Recorder: Bob Blankenship 02/16/17

Bid Opener: SRP 2/16/17

Project Manager: [Signature] 2/16/17

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