

CONSENT CALENDAR
October 15, 2013

To: Honorable Mayor and Members of the City Council

From: ( ) Christine Daniel, City Manager

Submitted by: Andrew Clough, Director, Public Works

Subject: Contract: Andes Construction, Inc. for Sanitary Sewer Manhole

Rehabilitation FY 2014 Phase 1 Project

### RECOMMENDATION

Adopt a Resolution:

- 1. Approving the plans and specifications for the Sanitary Sewer Project, 14-10777, located at various locations within the City; and
- 2. Accepting the bid of the lowest responsive and responsible bidder, Andes Construction, 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 \$244,826.

### FISCAL IMPACTS OF RECOMMENDATION

Funding is available in the Sanitary Sewer Fund (Fund 830). No other funding is required:

Total construction cost	\$244,826
20% Contingency	\$40,804
Low bid by Andes Construction, Inc.	\$ 204,022

The Contract Management System number for this contract is CMS No. CMAR2.

### **CURRENT SITUATION AND ITS EFFECTS**

The sanitary sewer manholes in these areas are quite old and should be replaced or rehabilitated to reduce inflow and infiltration flows from stormwater, and to prevent sewer blockages and leakage problems. Field investigations indicated poor structural walls, deteriorated manhole bases, and root infiltrations from City trees.

The manhole rehabilitation project will take place at various locations within the City (see Attachment 2: Location Map). In general, the work consists of the complete removal of 8 existing manholes and construction of new manholes, and the rehabilitiation of 13 other existing manholes. The scope of work includes additional funds for emergency/urgent work on an as-needed basis at various locations within the City of Berkeley. Because of the urgent nature of the work and unknown extent of the work, a 20% contingency for construction services is required. 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 in order to stay in 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 25<sup>th</sup> year of the 30-year compliance program, with 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 August 5, 2013, and bids were opened on August 20, 2013 and 4 non-local bids were received, from a low of \$204,022 to a high of \$375,450. Andes Construction, Inc. was the lowest apparent responsive responsible bidder. References for Andes Construction, Inc. 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 contractor will need to submit a Certification of Compliance for the Equal Benefits Ordinance.

### RATIONALE FOR RECOMMENDATION

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

### ALTERNATIVE ACTIONS CONSIDERED

The City could decide not to rehabilitate the sewer manholes at this time. However, these manholes are in poor condition and in need of rehabilitation now. If not done soon, 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 Tiffany Pham, Assistant Civil Engineer, Public Works, 981-6427

### Attachments:

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

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

### CONTRACT: ANDES CONSTRUCTION, INC. FOR SANITARY SEWER MANHOLE REHABILITATION FY 2014 PHASE 1

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, 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 Andes Construction, Inc. was the lowest responsive and responsible bidder; and

WHEREAS, funds are available in the Sanitary Sewer Fund (Fund 830), and the contract has been entered in the City database with CMS No. CMAR2.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the Plans and Specifications No. 14-10777 for the Sanitary Sewer Project are approved.

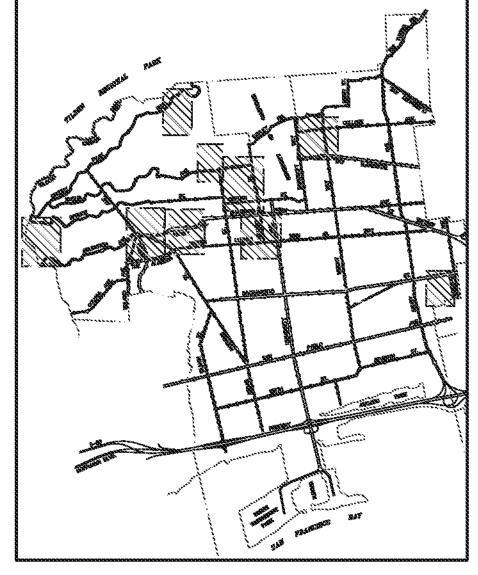
BE IT FURTHER RESOLVED that the Council authorizes the City Manager to execute a contract and any amendments, extensions or change orders with Andes Construction, Inc., until completion of the project in accordance with the approved specifications for the Sanitary Sewer Manhole Rehabilitation FY 2014 Phase 1 Project, in an amount not to exceed \$244,826 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

MANHOLE REHABILITATION FY 2014 PHASE 1

SPECIFICATION NO. 14-10777







### City of Berkeley Abstract of Bid Worksheet

Pinance Department General Services Division

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#1

		Spec. #	14-1017		Bid Date:	Bid Date: 1/20/13
Bidders	Base Bid	Nuc Work Free Force	k Opp.	් සී බ	EBO Bid	1 Addenda
1 PUNES COUST.	204,023.					
205- CONSTRUCTIVA TUC	326,480.	\	1			
3 NOTO - DOOTES	328, 404	\	\			
4 San WINDS ENGS	340,341		\		1	
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(O						
83						
6						
70						
Bid Recorder The San Unghil	8/20/12					

TDD: 510.981.6903 Fax: 510.981.7390 2280 Milwa Street, Berkoley, CA 94704 Tel: 510:981.7320

Project Manager.

Bid Opener:

E-mail: finance@ci.berkeley.ca.us