

**ORANGE COUNTY TRANSPORTATION AUTHORITY  
INTERNAL AUDIT DEPARTMENT**



**Comprehensive Transportation Funding Programs**

**City of Irvine  
Environmental Cleanup Program  
Peters Canyon Wash Channel Water Capture and  
Reuse Pipeline Project  
Project No. 13-IRVN-ECP-3677**

**October 8, 2018**



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## **Conclusion**

The Internal Audit Department (Internal Audit) has completed an audit of the Peters Canyon Wash Channel Water Capture and Reuse Pipeline Project (Project) of the City of Irvine (City), Project Number 13-IRVN-ECP-3677, awarded by the Orange County Local Transportation Authority (OCLTA) under the Comprehensive Transportation Funding Programs (CTFP).

Based on the audit:

- Costs charged to the Project were reasonable, allocable, eligible, and adequately supported, and the City met the required Project match.
- The City adhered to competitive bidding requirements for the selection of contractors under the Project.
- The City's accounting and cash management procedures were adequate to ensure that Project funds were used only for costs chargeable to the Project.
- The Project was completed within the timeframe dictated by CTFP guidelines.
- The City established and maintained a separate cost center for the Project.
- The City submitted the final report to OCLTA within 180 days of the Project completion date as required by CTFP guidelines.

## **Background**

### Environmental Cleanup Program

OCLTA provided funding for construction under the Environmental Cleanup Program (Program), Project No. 13-IRVN-ECP-3677. The Project was to divert nuisance groundwater and surface water flows with high selenium and nitrates and deliver them to the Orange County Sanitation District for treatment and reuse. Costs incurred for the Project totaled \$5,455,175, of which \$3,273,105 was funded by the CTFP and \$2,182,070 was funded by the City and other sources. The Project began on May 27, 2015, and was completed on March 30, 2017.

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## **Objectives, Scope, and Methodology**

The objectives were to determine whether:

1. Costs charged to the Project were reasonable, allocable, eligible, and adequately supported, and the City met the required Project match, as applicable.
2. The City complied with competitive contracting requirements.
3. The City's accounting and cash management procedures were adequate to ensure that Project funds were used only for costs chargeable to the Project and were tracked separately within the accounting system.
4. The Project was completed, and the final report submitted, within the timeframe dictated by CTFP guidelines.
5. Records and documentation related to the Project were adequately maintained.

The scope is limited to the Project. The methodology included the following procedures:

1. We reviewed the Project agreement to obtain an understanding of the Project and CTFP requirements.
2. We obtained and reviewed Project contract files to verify evidence of competitive bid procedures.
3. We identified fund accounting procedures used by the City to account for Project revenues and expenditures.
4. We reviewed Project financial records to determine that proper accounting and cash management procedures were followed.
5. We obtained a detailed listing of Project expenditures from the general ledger and determined whether the City met the required Project match, as applicable. We tested a haphazard sample of four expenditures, representing 91 percent of total Project costs. For the expenditures tested, we determined whether the expenditures were properly supported, approved, recorded, and in compliance with the contract and CTFP guidelines. Since the sample was non-statistical, conclusions are limited to the sample items tested.
6. For construction phase work performed by local agency forces, we determined if the decision that local agency forces could perform the work more cost effectively or timely than a contractor was documented in accordance with CTFP guidelines.

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7. For right-of-way acquisition costs, we reviewed supporting documentation for compliance with CTFP guidelines, and we reviewed to ensure that excess parcels acquired with Program funds were properly accounted for and any net proceeds from disposal of these parcels were returned in proportion to the amount of Measure M2 funds used in the purchase.
8. We reviewed documentation of the Project start date and completion date to determine whether the Project was completed within the three-year timeframe required by CTFP guidelines, or whether there was evidence of approval for an extension to the timeframe. We also reviewed the final report date to determine that the City submitted the final report to OCLTA within 180 days of Project completion, as required by CTFP guidelines.

We conducted this performance audit in accordance with generally accepted government auditing standards. Those standards require that we plan and perform the audit to obtain sufficient, appropriate evidence to provide a reasonable basis for our findings and conclusions based on our audit objectives. We believe that the evidence obtained provides a reasonable basis for our findings and conclusions based on our audit objectives.

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## **Detailed Results**

Our audit disclosed the following:

### Compliance with Competitive Contracting Requirements

The City participated in a multi-agency agreement with the Irvine Ranch Water District (IRWD) and other agencies. IRWD handled the competitive procurement of contractors. The City provided evidence of IRWD's competitive bidding process.

### Separate Project Fund

The City recorded costs of the Project in the Special Program Fund (Fund 149) and System Development Charge Fund (Fund 118).

### Accounting and Cash Management Procedures

The City established adequate controls to ensure that Project funds were used only for approved Project costs and were tracked separately within the accounting system.

### Project Costs

The City incurred costs totaling \$5,455,175 for the Project. The Project funding consisted of CTFP funds of \$3,273,105, and \$2,182,070 from the City and other sources. We found that haphazardly sampled costs charged to the Project were reasonable, allocable, eligible, and adequately supported, and the required 40 percent Project match was met.

### Use of Local Agency Forces

No construction phase work was performed by local agency personnel.

### Right-of-Way Acquisition

No right-of-way was acquired for the Project.

### Project Completion

The Project began on May 27, 2015, and was completed on March 30, 2017, which is within the three-year timeframe dictated by CTFP guidelines. The final report was submitted to OCLTA on August 31, 2017, which is within 180 days after Project completion.