

STAFF REPORT

DATE: March 17, 2009

TO: Utilities Commission

FROM: Lonnie Thibodeaux, Water Utilities Director

SUBJECT: **RECOMMENED APPROVAL OF AMENDMENT 1 IN THE AMOUNT OF \$129,154 TO THE PROFESSIONAL SERVICES AGREEMENT WITH INFRASTRUCTURE ENGINEERING CORPORATION, FOR ADDITIONAL CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES FOR THE LAND OUTFALL EMERGENCY REPLACEMENT PROJECT**

SYNOPSIS

Staff and the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve Amendment 1 in an amount not to exceed \$129,154 to the professional services agreement with Infrastructure Engineering Corporation, of Oceanside for additional construction management and inspection services for the Land Outfall Emergency Replacement project located along Oceanside Boulevard; and authorize the City Manager to execute the amendment (Exhibit A).

BACKGROUND

The existing land outfall was constructed in 1972 and consists of approximately 34,000 linear-feet of 24-inch ductile iron pipe. Currently the land outfall's capacity is limited to 13.7 million gallons per day (MGD) with the pipeline's upper pressure limit as the limiting factor. The City recently completed the Land Outfall Alignment Study which identified the most feasible alignment and prepared 30 percent design level plans of this selected alignment.

Several failures of the existing land outfall have occurred recently and so one segment (6,200 linear-feet) has been identified for immediate replacement. This segment is parallel to the centerline of Oceanside Boulevard and the limits of the pipeline replacement are from approximately 1,200 feet west of Vine Street to approximately 800 feet east of Crouch Street.

To properly manage this project during construction, the services of a construction management and inspection support team are required. On February 5, 2008, staff solicited proposals from thirteen engineering firms to provide construction management and inspection services during construction of this project. The firms were selected

from a list compiled by the City of Oceanside's Engineering Division using the City's selection procedures for professional services. Included in the solicitation were all Oceanside firms that provide these services.

On February 27, 2008, four proposals and one letter declining participation in the request for proposal solicitation were received by the Water Utilities Department. In accordance with the City's procedure, a panel was selected to evaluate the proposals. The panel unanimously recommended that Infrastructure Engineering Corporation be selected to provide the construction management and inspection services.

Infrastructure Engineering's construction management and inspection duties will be to ensure that the project is constructed according to the plans and specifications. Additional duties to be performed include day-to-day monitoring and inspection of the work; surveying; special inspections as required; preparation of daily, weekly and monthly reports; processing of proposed change orders; processing submittals and requests for information; maintenance of logs for all correspondence, submittals, requests for information and change orders; attending weekly and monthly progress meetings; and generating and submitting detailed as-built construction drawings.

ANALYSIS

The Contractor has fallen behind schedule and will exceed the project deadline by several weeks. The current construction schedule provided by the contractor indicates that the project will be completed in late March 2009 but Staff feels that this may be slightly aggressive and a more realistic completion date would most likely be mid April 2009. Additional construction management and inspection services beyond the original scope will be required to facilitate the completion of this project.

FISCAL IMPACT

Council previously approved a budget appropriation in the amount of \$4,300,000 as a loan from the Water Enterprise Fund (715.1011) unallocated fund balance to the Wastewater Enterprise fund to pay for the land outfall emergency project. The funds were deposited in the Land Outfall capital improvement project budget (726.865488.5701) which currently has a carry forward of \$400,000. The total revised cost of the project for construction and construction management and inspection services including this amendment is \$4,511,688.60. Therefore, sufficient funds are available. The overtime inspection costs are a valid offset that will be deducted from payments due the Contractor per the Contract Documents. The Contractor may also be assessed Liquidated Damages for completion beyond the contract deadline and those fees will be used to offset a portion of the additional inspection costs.

CITY ATTORNEY'S ANALYSIS

The referenced documents are being reviewed by the City Attorney.

INSURANCE REQUIREMENTS

The City's standard insurance requirements will be met.

COMMISSION OR COMMITTEE REPORT

The Water/Sewer Committee approved staff's recommendation at its regularly scheduled meeting on March 10, 2009.

RECOMMENDATIONS

Staff and the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve Amendment 1 in an amount not to exceed \$129,154 to the professional services agreement with Infrastructure Engineering Corporation, of Oceanside for additional construction management and inspection services for the Land Outfall Emergency Replacement project located along Oceanside Boulevard; and authorize the City Manager to execute the amendment (Exhibit A).

PREPARED BY:

Lonnie Thibodeaux
Water Utilities Director

Exhibit A – Amendment 1

STAFF REPORT

DATE: March 17, 2009

TO: Utilities Commission

FROM: Lonnie Thibodeaux, Water Utilities Director

SUBJECT: **RECOMMEND APPROVAL OF A PROFESSIONAL SERVICES AGREEMENT WITH INFRASTRUCTURE ENGINEERING CORPORATION OF OCEANSIDE IN THE AMOUNT OF \$266,800 FOR THE PREPARATIONS OF PLANS AND SPECIFICATIONS FOR THE CONSTRUCTION OF THE MYERS/TAIT STREET SEWER LINE REPLACEMENT PROJECT**

SYNOPSIS

Staff and the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve a professional services agreement in an amount not to exceed \$266,800 with Infrastructure Engineering Corporation of Oceanside for the design of the Myers/Tait Street Sewer Line Replacement project; and authorize the City Manager to execute the agreement.

BACKGROUND

The City of Oceanside has trunk sewer lines in the La Salina Service Area that are surcharging and need to be replaced with larger diameter pipe. The existing lines are approximately 34 to 82 years old and range in size from 16-inch to 18-inch in diameter. These existing lines need to be increased in size to handle current flows and to accommodate the projected increased flows from future downtown development.

ANALYSIS

All of the lines shown on the attached map (Exhibit A Figure 5.9) have been identified in the City of Oceanside June 2006 Integrated Water Utilities Master Plan, Wastewater Master Plan, as having the highest priority for replacement due to the surcharging condition that currently exists. Observations in the field have also confirmed the surcharging condition. To eliminate the current surcharging problem and to accommodate future growth, the lines need to be increased in size. The total length of lines that require replacement is approximately 6,344 linear feet.

On December 31, 2009, a Request for Proposal (RFP) was sent to thirteen consultant engineering firms, including the seven Oceanside firms, to prepare the Myers/Tait Street Sewer Line Replacement project design and specifications (Exhibit B).

On February 4, 2009, the Water Utilities Department received proposals from five consulting firms. Staff reviewed and evaluated the proposals and unanimously chose INFRASTRUCTURE ENGINEERING CORPORATION as the best qualified firm to provide the engineering design services.

FISCAL IMPACT

The Myers/Tait Street Sewer Line Replacement project fund (726-86-8315) has an available balance of \$393,045. Therefore, budgeted funds are available.

COMMISSION OR COMMITTEE REPORT

The Water/Sewer Committee approved staff's recommendation at its regularly scheduled meeting on March 10, 2009.

CITY ATTORNEY'S ANALYSIS

The referenced documents are being reviewed by the City Attorney.

INSURANCE REQUIREMENTS

The City's standard insurance requirements will be met.

RECOMMENDATION

Staff and the Water/Sewer Committee recommend that the Utilities Commission recommend that the City Council approve a professional services agreement in an amount not to exceed \$266,800 with Infrastructure Engineering Corporation of Oceanside for the design of the Myers/Tait Street Sewer Line Replacement project; and authorize the City Manager to execute the agreement.

PREPARED BY:

Lonnie Thibodeaux
Water Utilities Director

Exhibit A – Map Figure 5.9
Exhibit B – RFP Mailing List