



AGENDA REPORT
SAN CLEMENTE CITY COUNCIL MEETING
Meeting Date: June 4, 2013

Agenda Item 6-4m
Approvals:
City Manager RJS
Dept. Head WEC
Attorney AT
Finance JV

Department: Public Works / Engineering Division
Prepared By: KK Ken Knatz, Principal Civil Engineer KK

Subject: **CONSTRUCTION CONTRACT AWARD TO J.R. FILANC CONSTRUCTION COMPANY, INC. FOR THE WATER RECLAMATION PLANT AERATION BLOWERS REPLACEMENT, PROJECT NO. 12201.**

Fiscal Impact: None. The project is within budget.

Summary: Staff recommends that the City Council approve a contract with J.R. Filanc Construction Company, Inc. in the amount of \$102,598 for the installation of Water Reclamation Plant Aeration Blowers.

Background: The aeration basin blowers are large air compressors which produce oxygen for the bacteria used to breakdown wastewater in the aeration basins at the Water Reclamation Plant (WRP). The blowers are the highest energy demanding component of the WRP. The existing blowers are over 20 years old and are at the end of their useful life and are inefficient since they operate at constant speed. In order to replace the blowers with energy efficient equipment, Pacific Advanced Civil Engineering was hired by City Council to design the equipment rehabilitation and subsequently authorized a pre-purchase of the blowers from Aerzen USA Corporation (Aerzen) to accelerate project completion based on a public bid for the equipment.

Discussion: It is anticipated that the installation of the new blowers will provide an energy savings of approximately \$85,000 per year at the City's current effective power rate. In addition, the City has applied for a San Diego Gas & Electric (SDG&E) Energy Efficiency Business Incentive Program and anticipates a one-time rebate of approximately \$66,000 through the upgrade of the equipment. The total rebate amount will be based on SDG&E inspection and testing after the installation of the equipment is completed.

The delivery of the blowers from Aerzen is anticipated in early July. The project was advertised for public bidding to coordinate contractor mobilization with the delivery of the equipment. Sealed public bids were opened at the City Clerk's Office on April 18, 2013, at 2:00 p.m. The results from the bid opening are presented in the attached Bidder's Listing. The low bid of \$102,598 was submitted by J.R. Filanc Construction Company, Inc. of Escondido, California who has successfully completed WRP projects for the City in the past.

Based on the low bid, project costs are estimated as follows:

Project Planning, Permitting & Administration	\$ 12,000
Engineering Design	85,166
Aeration Blowers (2)	177,715
Construction Management & Inspection	15,000
Construction	102,598
Contingency (20%)	20,520
Total Estimated Project Cost	\$412,999

The project was budgeted for \$550,000 from the Sewer Fund Depreciation Reserve. There are sufficient funds to construct the project.

Recommended

Action: STAFF RECOMMENDS THAT the City Council:

1. Approve the plans and specifications for the Water Reclamation Plant Aeration Blowers Replacement, Project No. 12201; and
2. Approve and authorize the Mayor to execute a contract with J.R. Filanc Construction Company, Inc. in the amount of \$102,598 for the Water Reclamation Plant Aeration Blowers Replacement, Project No. 12201.

Attachments: Location Map
Bidder's Listing

Notification: None.



NOT TO SCALE

**PROJECT
LOCATION**

AVE PICO



**SAN CLEMENTE
WATER RECLAMATION
PLANT**

SAN DIEGO FREEWAY

AVE NAVARRO

CLE DE INDUSTRIAS

CLE DE LOS MOLINOS

VIA PICO PLAZA

AVE DE LA ESTRELLA

RINCON CT

CLE REDONDEL

CLE BONITO

CLE LAGO

LOS OBREROS LN

CLE VALLE

EL CAMINO REAL (COAST HWY)

CLE DESHECHA

EL CAMINO REAL (COAST HWY)

CLE LAS BOLAS

CLE MIRADOR



City of San Clemente

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**LOCATION MAP
WRP AERATION BLOWERS
REPLACEMENT**

P.N. 12201

67M-3

BIDDER'S LISTING

BID OPEN TIME: 2:00 p.m.
 February 12, 2013
 March 14, 2013
 April 18, 2013

BID OPEN DATE:

PRESENT:

Rita Mueller
KEN KNATZ

Subject:

Water Reclamation Plant Aeration Blowers Replacement
 Project No. 12201

No. of Bids:

Company Information	Bid Bond, Etc.	Addendum No. 1	Addendum No. 2	Amount
NEWest Construction Company 7847 Dunbrook Road, Suite C San Diego, CA 92126	✓	✓	✓	\$ 130,000-
J.R. Filanc Construction Company, Inc. 740 North Andreasen Drive Escondido, CA 92029-1418	✓	✓	✓	\$ 102,598-
Gantry Constructors, Inc. P.O. Box 819 Clarkdale, AZ 86324	✓	✓	✓	\$ 200,500-
AToM Engineering Construction, Inc. 40410 Vista Road Hemet, CA 92544	✓	✓	✓	\$ 175,398-
SCCI Spiess Construction Co., Inc. P.O. Box 2849 Santa Maria, CA 93457	✓	✓	✓	\$ 184,100-
OCONNELL Engineering & Construction 36572 Deauville Road Winchester, CA 92596	✓	✓	✓	\$ 132,825-

6/11/13