



**AGENDA REPORT**  
**SAN CLEMENTE CITY COUNCIL MEETING**  
 Meeting Date: April 3, 2012

Agenda Item 6I  
 Approvals: \_\_\_\_\_  
 City Manager \_\_\_\_\_  
 Dept. Head WEL  
 Attorney \_\_\_\_\_  
 Finance \_\_\_\_\_

**Department:** Public Works / Engineering Division  
**Prepared By:** AM Mike Fakhar, Civil Engineer MBF

**Subject:** **CONSTRUCTION CONTRACT AWARD TO INTELINET INC. FOR THE WATER RECLAMATION PLANT SCADA FIBER OPTIC NETWORK, PROJECT NO. 12605.**

**Summary:** The City's Water Reclamation Plant (WRP) SCADA Fiber Optic Network project will implement communication upgrades to current industry standards at the WRP. The work will provide a communication network or primary backbone communication system to improve the monitoring and control of the treatment plant process facilities. The existing data received from various facilities at the WRP is limited to a few inputs and outputs connected via copper wire. This configuration lacks data logging capability and limits monitoring and control for WRP processes planned to be rehabilitated in the future. The WRP SCADA Fiber Optic Network project consists of fiber optic cable installation between the WRP Control Center in Building "J" and ten other facility buildings throughout the plant. In addition to installation of fiber optic cables, network switches and patch panels will be installed at each building to facilitate the connection of each building into the fiber optic network at the plant.

Plans and specifications were prepared by Tetra Tech and advertised for public bidding. The City received four bids, the bid results are presented in the attached Bidder's Listing. The lowest bid of \$101,507 was submitted by Intelinet, Inc. Based on the low bid, total estimated project costs are as follows:

Design	\$ 27,855
Administration/Construction Mgmt./Inspection	10,000
Construction	101,507
Contingency (15%)	<u>15,226</u>
<b>Total Project</b>	<b>\$154,588</b>

The project budget is part of the Treatment Plant SCADA Upgrade that is included in the Sewer System SCADA Implementation Project budgeted for \$2,060,450 from the Sewer Fund Depreciation Reserve. The approved budget is sufficient to construct the WRP SCADA Fiber Optic Network. The remaining budget will fund the final phase of sewer SCADA upgrades at the City's WRP currently under design.

**Recommended**

**Action:** STAFF RECOMMENDS THAT the City Council:

1. Approve the plans and specifications for the Water Reclamation Plant SCADA Fiber Optic Network, Project No. 12605; and
2. Approve and authorize the Mayor to execute a contract with Intelinet, Inc. in the amount of \$101,507.00 for the Water Reclamation Plant SCADA Fiber Optic Network, Project No. 12605.

**Fiscal Impact:** None.

**Attachments:** Location Map  
Bidder's Listing

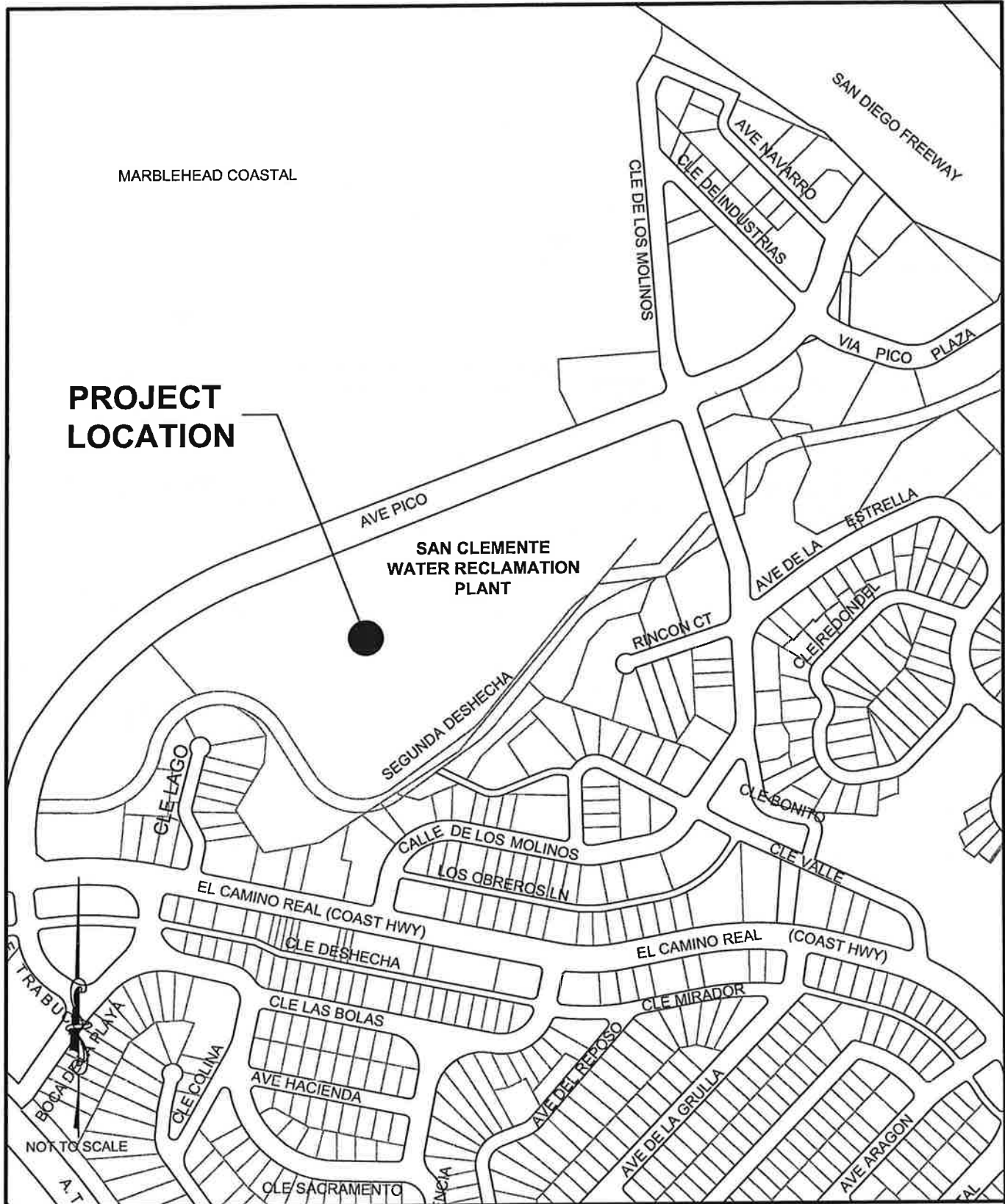
**Notification:** None.

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MARBLEHEAD COASTAL

# PROJECT LOCATION

**SAN CLEMENTE  
WATER RECLAMATION  
PLANT**



*City of San Clemente*

910 Calle Negocio, Suite 100  
San Clemente, CA 92673  
Tel (949) 361-6100  
Fax (949) 361-8316

## LOCATION MAP Water Reclamation Plant SCADA Fiber Optic Network

P.N. 12605

**BIDDER'S LISTING**

BID OPEN TIME: 2:00 p.m.

BID OPEN DATE: 3-12-12

PRESENT:

*Michael Fakhar*

Water Reclamation Plant SCADA Fiber-optic Network  
Project No. 12605 / Mike Fakhar

**Subject:**

No. of Bids: 4

Company Information	Bid Bond, Etc.	Addendum No. 1	Addendum No. 2	Amount
SECC Corporation 183 Business Center Drive Corona, CA 92880-1757	✓	✓	✓	\$134,987. <sup>50</sup>
Intelinet, Inc. 501 N. Smith Ave., Suite 111 Corona, CA 92880	✓	✓	✓	\$101,507. <sup>00</sup>
Floyd Auten Elect. 403 W. Fleetwood Pl. Glendora, CA 91740	✓	✓	✓	\$117,813. <sup>00</sup>
VCI Construction, Inc. 1921 W. 11 <sup>th</sup> St. Upland, CA 91786	✓	✓	✓	\$240,620. <sup>00</sup>