



AGENDA REPORT

SAN CLEMENTE CITY COUNCIL MEETING
Meeting Date: April 1, 2014

Agenda Item 6-E
Approvals: _____
City Manager [Signature]
Dept. Head [Signature]
Attorney _____
Finance [Signature]

Department: Public Works / Engineering Division
Prepared By: David Rebensdorf, Assistant City Engineer

Subject: *AWARD OF PROFESSIONAL SERVICES AGREEMENT TO RMC WATER AND ENVIRONMENT FOR DESIGN AND PERMITTING OF RECYCLED WATER SITE RETROFIT OF CITY PARKS MEDIANS AND CUSTOMER SITES, PROJECT NUMBERS 13111 AND 34201.*

Fiscal Impact: None. The project was budgeted for \$160,000 from the General Fund and \$200,000 from the Sewer Connection Fee Fund.

Summary: Staff recommends the City Council approve an on-call contract with RMC Water and Environment in an amount up to \$250,000. The purpose of the Agreement is to provide professional engineering services to assist the City in developing its recycled water retrofit program including: design, permitting, site inspections and construction inspection.

ackground: The City's Recycled Water Expansion Project will be completed by late summer to fall of 2014. Pipelines and reservoir conversion are nearly complete and the Water Reclamation Plant Expansion is scheduled to be complete in September/October 2014. There are approximately 100 sites to convert with an ultimate estimated yield of 750 acre feet that will eliminate the need for imported domestic water. Prior to completion of construction for the Recycled Water Expansion Project, staff is recommending to begin design and permitting of City park sites along high use medians. In addition, as the expansion project nears completion, staff will be working with existing customers to begin retrofit of their sites. Timing is critical to meet performance measures required in the City's Local Resources Program Grant from Metropolitan Water District (MET). In addition, MET is offering a new grant to help provide incentives for recycled water retrofits at \$195 per acre foot based on customers past two years of water use. The new grant funding opportunity will be on a first come, first serve basis with grant applications beginning July 1, 2014. The program has a total funding of \$3 million; although MET may provide additional grant funding if the program is successful.

Discussion: There are approximately 100 customer accounts to be retrofitted from potable water irrigation to recycled water. Staff is anticipating approximately three years for all customer sites to be retrofitted. Part of the retrofit includes: an evaluation of the site, plans that show the location of major appurtenances such as main lines, valves and signage, permitting through health care agencies, construction inspection for City sites and verification of proper conversions for private sites, bidding and construction inspection for City conversion and cross-connection inspection to ensure the domestic system is not tied into the potable system. The City will fund the construction costs to

convert its sites, while private customers will be required to pay for retrofit construction costs which will primarily consist of making the physical connection to the meter, signage, tagging of meter valves and sprinklers. The primary concern for the health care agency with conversion is to ensure there is no physical connection between the potable and recycled water system and proper signage so the public and landscaping maintenance personnel are aware the site is utilizing recycled water.

To assist City staff with developing a program to get customers and City sites retrofitted, staff sent request for proposals to ten firms with experience in this area. Proposals were received from three firms. Engineering, Utilities and Beaches Parks and Recreation Divisions staff evaluated the proposals, interviewed all of the firms and recommended RMC Water and Environment based on its proposed staffing and project approach for a total on-call cost not to exceed \$250,000. The estimated cost for a site inspection, design, permitting and post construction inspection ranges between \$3,000 to \$8,000 per site depending upon the size of the site and the availability of existing plans.

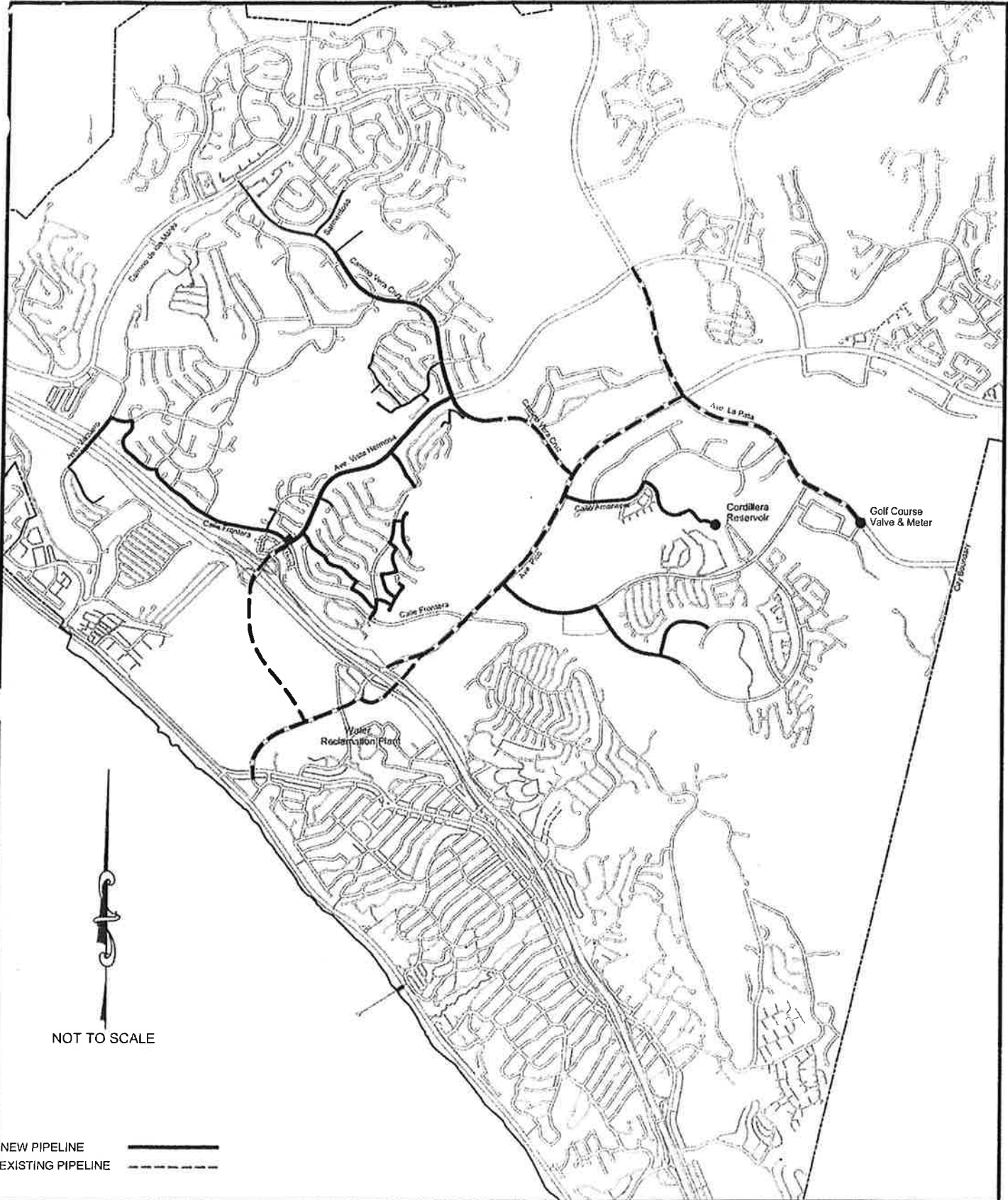
The contract limit is 18 months and the work will be funded from the General Fund for City sites in the amount of \$50,000 and from the Sewer Connection Fee Reserve in the amount of \$200,000. At the completion of the contract and after the program is approximately 50% complete, staff will evaluate filling a frozen position in the Utilities Division in FY 2016 to complete the conversions and to administer ongoing permitting and inspection of existing recycled water sites. Filling of the position was previously reported to the City Council as part of the Expansion Project and was included in previous financial models.

Recommended

Action: STAFF RECOMMENDS THAT the City Council approve and authorize the Mayor to execute a Professional Services Agreement with RMC Water and Environment in the amount of \$250,000 for Design and Permitting of Recycled Water Retrofit of City Parks, Medians and Customer Sites, Project No.'s 13111 and 34201.

Attachments: Location Map

Notification: None.



NEW PIPELINE ———
 EXISTING PIPELINE - - - -



City of San Clemente

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

LOCATION MAP

**Recycled Water Site Retrofit of
 City Parks, Medians and
 Customer Sites**

Project Nos. 13111 & 34201

