



**THE CITY OF SAN DIEGO
PARK AND RECREATION DEPARTMENT
OPEN SPACE DIVISION
CARMEL VALLEY NEIGHBORHOOD 10 MAINTENANCE ASSESSMENT DISTRICT
FEBRUARY 2015 STAFF REPORT**

Ornamental Landscaping

- Please let George know if you have suggestions on ways to improve maintenance activities within the district.
- Landscape Enhancement Projects are scheduled to proceed in mid February. The project will continue on Carmel Country Road, focusing on the slopes and right-of-ways.
- WCA has completed the Tree Inventory Data Collection process for CV #10 MAD. The Tree Inventory established a value of approximately \$1,721,200.00 in tree assets throughout the MAD. Tree trimming will start in late February and continue on Carmel Country Road. WCA has recommended no further treatment for the declining Silk Trees. A reassessment will take place later this spring.
- Attached is a quote from Treebeard for the installation of smart controllers, master valves and flow sensors in the MAD. There are 192 total irrigation stations in the MAD. At \$55 per station the estimated rebate amount is \$10,560. The total cost to the MAD is estimated to be about \$30,000, or \$4,100 per controller/master valve/flow sensor install.

Landscape Contract and Budget

- Treebeard continues to provide services within budget.

Attachments

1. Smart Controller Quote from Treebeard

Respectfully submitted,

George Flores
Grounds Maintenance Manager
(619) 685-1335
gflores@sanidiego.gov

cc: Casey Smith, District Manager, Open Space Division
Paul Sirois, Assistant Deputy Director, Open Space Division



Treebeard Landscape

January 5, 2015

Bid No. 718-16
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Carmel Valley 10 MAD LANDSCAPE PROPOSAL

LOCATION: Throughout the MAD

SCOPE OF WORK:

Provide labor, equipment and materials to retrofit all existing controllers with new ET Water smart irrigation controllers. Work to include programming of all irrigation zones.

Location:

Carmel Mountain and Timber Brook, Controller 'A'

- Install 18 station ET Water LLC RM (panel)
- Install communication antenna
- Install Tumor Hybrid 3D-6 conversion system (for Master/flow sensor)
- Install 3DLD-050 Tumor valve line decoder
- Install 3DSD-100 Tumor Inc. sensor decoder (for Hydrometer flow sensor)
- Install 2" Hydrometer with reed switch
- 5 year service of cellular connect

Location:

Carmel Mountain and Trotter, Controller 'C'

- Install 24 station ET Water LLC RM (panel)
- Install communication antenna
- Install Tumor Hybrid 3D-6 conversion system (for Master/flow sensor)
- Install 3DLD-050 Tumor valve line decoder
- Install 3DSD-100 Tumor Inc. sensor decoder (for Hydrometer flow sensor)
- Install 2" Hydrometer with reed switch
- 5 year service of cellular connect

This proposal is valid for 45 days. Any alterations to the scope of work will be charged as an extra to the contract price. All accounts 30 days past due are subject to a 1 1/2% monthly service charge.
info@treebeardlandscape.com

P.O. Box 2777, Spring Valley, California 91979 (619) 697-8302 Fax (619) 697-0820



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Carmel Valley 10 MAD LANDSCAPE PROPOSAL

Location:

Carmel Mountain and Center Heights, Controller 'E'

- Install 12 station ET Water LLC RM (panel)
- Install communication antenna
- 5 year service of cellular connect

LOCATION:

Carmel Mountain and Harves Run, Controller 'D'

- Install 24 station ET Water LLC RM (panel)
- Install communication antenna
- 5 year service of cellular connect

LOCATION:

Carmel Mountain and Harvest Run, Controller 'F'

- Install 18 station ET Water LLC RM (panel)
- Install communication antenna
- 5 year service of cellular connect

LOCATION:

Carmel Country, Controller 'B'

- Install 24 station ET Water LLC RM (panel)
- Install communication antenna
- Dig 90' trench, install flow sensing cable and backfill trench
- Install 2" Hydrometer with reed switch
- 5 year service of cellular connect

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Carmel Valley 10 MAD
LANDSCAPE PROPOSAL

LOCATION:

Carmel Country and Grand Del Mar, Controller 'E'

- Install 24 station ET Water LLC RM (panel)
- Install communication antenna
- Install Tucor Hybrid 3D-6 conversion system (for Master/flow sensor)
- Install 3DLD-050 Tucor valve line decoder
- Install 3DSD-100 Tucor Inc. sensor decoder (for Hydrometer flow sensor)
- Install 2" Hydrometer with reed switch
- 5 year service of cellular connect

LOCATION:

Carmel Country and Cloverhurst, Controller 'C'

- Install 24 station ET Water LLC RM (panel)
- Install communication antenna
- Install Tucor Hybrid 3D-6 conversion system (for Master/flow sensor)
- Install 3DLD-050 Tucor valve line decoder
- Install 3DSD-100 Tucor Inc. sensor decoder (for Hydrometer flow sensor)
- Install Creative sensor tech ISO-FLOW (relay for flow sensor is needed due to only one point of connection for clocks 'C' and 'D')
- Install 2" Hydrometer with reed switch
- 5 year service of cellular connect

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Carmel Valley 10 MAD
LANDSCAPE PROPOSAL

LOCATION:

Carmel Country and Cloverhurst, Clock 'D'

- Install 24 station ET Water LLC RM (panel)
- Install communication antenna
- Install Tucor Hybrid 3D-6 conversion system (for Master/flow sensor)
- Install 3DLD-050 Tucor valve line decoder
- Install 3DSD-100 Tucor Inc. sensor decoder (for Hydrometer flow sensor)
- Install 2" Hydrometer with reed switch
- 5 year service of cellular connect

Cost breakdown

Materials (see attached quote from Horizon)	\$30,347.76
Tax	\$2,379.82
10% Handling	\$3,034.78
Total for Materials	\$35,762.36

Labor:

178 Hrs. @ \$20.85 per hr. \$3,711.30

Total Cost: \$39,473.66

APPROVED BY: _____ DATE: _____

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