



## **Staff Report**

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RESOLUTION APPROVING A PROFESSIONAL SERVICES AGREEMENT WITH DUKE'S ROOT CONTROL, INC. FOR ROOT FOAMING OF SEWER LINES FOR AN AMOUNT NOT TO EXCEED \$55,000

Honorable Mayor and City Council:

### **Summary**

The City Council is requested to approve a professional services agreement with Duke's Root Control, Inc. for sewer system root foaming. The Public Works Department will use this service this spring to remove root obstructions in various sewer lines located throughout the City.

### **Background**

In March 2009, the Public Works Department issued a request for proposal (RFP) for root foaming. The Public Works Department requested proposals from Root Tamers, Pacific Sewer Maintenance, West Coast Plumbing and Sewer, Arrow Septic Service, P&S Construction Co Inc., Roto-Rooter, ABC Services, Mikesis and Duke's Root Control Inc., for herbicide treatment of approximately 57,800 feet of sewer in various sewer lines located throughout the City. Only Root Tamers and Duke's Root Control Inc. submitted proposals. These sewer lines were selected for treatment because they require a high level of sewer maintenance to address ongoing problems with root obstructions. Duke's Root Control, Inc. submitted the proposal with the longest guarantee at the lowest cost. They have many years of experience providing root foaming of sewers for municipalities throughout the nation.

### **Discussion**

Root control treatment helps to address sanitary sewer overflow (SSO's) in the City's sewer system. Root foaming is a standard maintenance method of applying herbicides to the sewer pipe interior to control growth of roots in sewers. The herbicide, diquat dibromide, is approved by the U.S. Environmental Protection Agency for this use and is accepted by the South Bayside Treatment Plant. The foam, containing both an herbicide and growth inhibitors, is pumped through the sewer main from manhole to manhole to compress it against all pipe surfaces. Roots within the sewer stop growing and eventually die back upon contact with the herbicide foam, and the trees are not otherwise harmed. The treatment generally inhibits regrowth for three to five years and Duke's will guarantee the sewer will not become clogged with roots for three years.

### **General Plan/Vision Statement**

No impact.

**Fiscal Impact**

The professional services agreement with Duke's Root Control, Inc. is for a not to exceed amount of \$55,000. Funding will be drawn from the FY08/09 Sanitary Sewer Operations Fund 501-3-710-8351.

Duke's unit cost for root foaming is \$0.92 per linear foot for 6-inch and 8-inch sewer lines that are in the street/easements. Duke's unit cost for root foaming is \$1.75 per linear foot for 15-inch sewer lines. This agreement will allow Duke's to treat all of the approximately 57,800 linear feet of clay pipe.

**Public Contact**

The Council agenda was posted.

**Recommendation**

The City Council is requested to approve a professional services agreement with Duke's Root Control, Inc. for sewer system root foaming. The Public Works Department will use this service this spring to remove root obstructions in various sewers located in the City.

**Alternatives**

1. Take no action.
2. Refer back to staff for further information.

**Attachments**

- A. Resolution
- B. Bid Chart

Respectfully submitted,

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Tim Murray  
Public Works  
Field Supervisor  
Sewer & Storm Drains

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Karen Borrmann P.E  
Interim Public Works Director

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Jack R. Crist  
City Manager

Contact:  
Tim Murray  
Field Supervisor  
Sewer & Storm Drains  
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RESOLUTION NO. \_\_\_\_\_

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BELMONT  
APPROVING A PROFESSIONAL SERVICES AGREEMENT WITH DUKE'S ROOT  
CONTROL, INC. FOR ROOT FOAMING OF SEWER LINES  
FOR AN AMOUNT NOT TO EXCEED \$55,000**

**WHEREAS**, the City of Belmont requires sewer maintenance services consisting of root foaming herbicide application in various neighborhoods to reduce the backups and damage resulting from root obstructions; and,

**WHEREAS**, Duke's Root Control, Inc., a qualified sewer maintenance firm specializing in root foaming applications, has proposed to provide these services at a unit cost of \$0.92 per foot for the 6-inch and 8-inch sewer lines that are in the street and \$1.75 per foot for 15-inch sewer lines and,

**WHEREAS**, Duke's Root Control, Inc. has agreed to complete a professional services agreement for an amount not to exceed \$55,000 to complete this root foaming work with a three year guarantee.

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Belmont

1. Directs the City Manager to execute a Professional Services Agreement with Duke's Root Control, Inc., approved as to form by the City Attorney, in an amount not to exceed \$55,000 and directs the City Clerk to affix her signature thereto.
2. Funding in the amount of \$55,000 will be drawn from the Sewer Enterprise Fund account 501-3-710-8351.

\* \* \* \* \*

I hereby certify that the foregoing Resolution was duly and regularly passed and adopted by the City Council of the City of Belmont at a regular meeting thereof held on April 28, 2009 by the following vote:

AYES, COUNCILMEMBERS: \_\_\_\_\_

NOES, COUNCILMEMBERS: \_\_\_\_\_

ABSTAIN, COUNCILMEMBERS: \_\_\_\_\_

ABSENT, COUNCILMEMBERS: \_\_\_\_\_

\_\_\_\_\_  
CLERK of the City of Belmont

APPROVED:

\_\_\_\_\_  
MAYOR of the City of Belmont

Bidder's List  
Root Foaming

Contractor	Amount
Duke's Root Control, Inc.	\$0.92 per foot for 6-inch & 8-inch sewer lines street/easement \$1.75 per foot for 15-inch sewer lines/street The pricing for per linear foot includes the entire pricing for the job. There is no cost for Traffic Control and Mobilization.
Root Tamers	\$1.98 per foot for 6-inch sewer lines street/easement \$2.10 per foot for 8-inch sewer lines street/easement \$2.50 per foot for 15-inch sewer lines street/easement \$2,500 for Traffic Control and Mobilization
Pacific Sewer Maintenance	Did not submit bid.
West Coast Plumbing and Sewer	Did not submit bid.
Arrow Septic Tank	Did not submit bid.
P&S Construction Co, Inc	Did not submit bid.
Roto-Rooter	Did not submit bid.
Miksis	Did not submit bid.
ABC Service	Did not submit bid.