



**Council
Communication**
Office of the City Manager

Date

May 8, 2006

Agenda Item No. 30B

Roll Call No. 06-

Communication No. 06-278

Submitted by: Larry Hulse, Community
Development Director

AGENDA HEADING:

Acceptance of bids for mosquito control from Clarke Mosquito Control (John Clark, CEO, 159 North Garden Ave., Roselle, IL 60172) for pre-hatch chemical, from Scott's Helicopter Service (Scott Churchill, Owner, 780 South Elmwood, LeSueur, MN 56058) for aerial application, and from Clarke Mosquito Control (John Clark, CEO, 159 North Garden Ave., Roselle, IL 60172) for adult mosquito control chemical.

SYNOPSIS:

- Acceptance of the bid from Clarke Mosquito Control for pre-hatch chemical. Clarke Mosquito Control is the only vendor that responded with a bid for the pre-hatch control product.
- Acceptance of the bid from Scott's Helicopter Service for aerial application of pre-hatch control chemical. Scott's Helicopter Service was the low bidder, of two responders, for aerial application of pre-hatch control.
- Acceptance of the bid from Clarke Mosquito Control for adult mosquito control chemical. Bids were received for a variety of chemical formulations of adult mosquito control products from a total of three separate vendors.

FISCAL IMPACT: \$

Amount: \$60,576 (Pre-treatment \$25,000, application \$5,810, chemicals \$29,766)

Funding Source: 2005-2006 Operating Budget, Page 101, GE001, CDD070100

ADDITIONAL INFORMATION:

In an effort to utilize economics of scale, the City of Des Moines along with Polk County and the cities of West Des Moines and Urbandale entered into an agreement last year to submit a consolidated bid proposal for mosquito control products and aerial application services to industry vendors. Three companies have chosen to respond with bids for chemicals, two companies with bids for aerial application of chemicals, and only one for pre-hatch chemicals.

Clarke Mosquito Control is the only vendor that responded with a bid for the pre-hatch control product @ \$10.02 per pound. Scott's Helicopter Service was the low bidder, of two responders, for aerial

application of pre-hatch control @ \$11.62 per acre. Bids were received for a variety of chemical formulations of adult mosquito control products from a total of three separate vendors. We are recommending acceptance of the bid from Clarke Mosquito Control for adult mosquito control chemical (Anvil) at \$45.10 per gallon.

Bid prices on the chemicals for adult mosquito control products ranged from \$15 to \$225 per gallon, with hourly application costs ranging from approximately \$57 per hour to \$130 per hour when applied at minimum application rates.

We are recommending acceptance of the bid from Clarke Mosquito Control for Anvil 2+2. This is an adult mosquito control product with an hourly application cost of approximately \$130 per hour. While there are products available from all three responders, including Clarke, that would be less expensive to use, application restrictions noted on the labels of the lower priced products (primarily the 100 foot set back requirement from fish bearing areas or rivers, lakes, and streams) render them unacceptable to use in the current mosquito control program.

All of these products are pesticides, and appropriate measures and precautions must be used in their application, regardless of our choice. However, in an effort to select a product that represents the safest apparent option in terms of non-target exposure and lower risk factors to the environment, plus a product that we have utilized in the past with successful results, staff recommends the use of Anvil 2+2.

Staff anticipates making two aerial applications of mosquito pre-hatch control chemicals to approximately 500 acres within the City of Des Moines, 250 acres per treatment. The cost of chemical for these treatments would be approximately \$12,500 per treatment for a total of \$25,000 for both. The cost of application for each treatment would be \$2,905 for a total of \$5,810 for both. Staff also anticipates using 660 gallons of adult mosquito control chemical during the coming season, at \$45.10 per gallon, for a total cost of \$29,766. These funds are provided for in the Community Development Department, Neighborhood Inspection Division budget.

PREVIOUS COUNCIL ACTION(S): NONE

Date:

Roll Call Number:

Action:

BOARD/COMMISSION ACTION(S): NONE

Date:

Roll Call Number:

Action:

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE