

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: April 7, 2014
	Agenda Item No. 31A Roll Call No. <u>14-0549</u> Communication No. <u>14-147</u> Submitted by: Phillip Delafield, Community Development Director

AGENDA HEADING:

Approving bid for Mosquito Control Products and Application Services with Clarke Mosquito Control Products, 159 N. Garden Avenue, Roselle, IL 60172, for helicopter application of mosquito control chemicals, pre-hatch control chemicals, and adult mosquito control chemicals.

SYNOPSIS:

Recommend approval of bid from Clarke Mosquito Control Products for contract to furnish larvicide chemicals, larvicide application, and adulticide chemicals for the City of Des Moines, Polk County, Urbandale and West Des Moines and authorizing the Procurement Administrator to enter into contract from the date of award through December 31, 2014, with two (2) additional 12 month renewal options upon mutual consent of the City and vendor.

FISCAL IMPACT:

Amount: \$35,000.00

Funding Source: Funding by the Community Development Department, Neighborhood Inspection Division, fund code CD041042/532030.

ADDITIONAL INFORMATION:

The City of Des Moines operates a mosquito control program aimed at reducing the threat to public health and annoyance from mosquitos.

On March 28, 2011, the City Council approved a contract with Clarke Mosquito Control Products to support the City of Des Moines and surrounding communities in suppression of mosquito hatching and spraying to control adult populations.

In the spring, in conjunction with Polk County, 350 acres of standing backwater along the Des Moines River basin and other areas too large to treat from the ground are treated from the air. This treatment is done by helicopter using a pre-hatch control chemical.

In addition, roughly 400 hundred locations in the City known to hold standing water are treated from the ground to illuminate breeding grounds. The sites are monitored during the summer and if larvae are detected the area is treated with a pre-hatch control material.

The final effort at control is spraying for adult mosquitos as conditions warrant. We are involved with an encephalitis monitoring project operated in conjunction with Iowa State University. This involves trapping adult mosquitos and testing them for mosquito borne diseases. This is the best early warning sign that there may be a chance for an increase in disease transmission through mosquito bites.

Using mosquito population data, citizen complaint calls, and a newly established electronic mapping system staff identifies areas most intensely affected by periods of unusually high number so nuisance mosquitoes. These areas will be targeted for spraying of adulticide chemicals. Staff runs trucks that spray a low concentration of chemical that kills the adult flying mosquito on contact and then disperses. Staff has developed a list of properties that have requested not to be sprayed.

On February 4, 2014 the City Procurement Division solicited bids from 12 potential bidders and advertised the invitation to bid in the Des Moines Register. The City received five (5) bids. A cost evaluation summary and comparison of responses to bid specifications is attached.

- Accept bid from Clarke for pre-hatch chemical drop. The City received one (1) bid for aerial larvicide application from Clarke Mosquito Control Products (Clarke). Clarke bid \$11.35 an acre to drop larvicide by helicopter. Again, this includes drops in Des Moines, Urbandale, West Des Moines and Polk County.
- Accept bid from Clarke for pre-hatch chemical. Clarke bid \$10.50/lb for Abate 5% pellets and \$14.47/lb for Natular G30. Momar bid Provect 5G at \$8.67 a pound. Staff contacted Clarke Mosquito Control Products regarding dropping the Provect 5G to lower the product cost. Clarke Mosquito Control Products sites that the application and drift are the responsibility of the applicator. They have declined to drop Provect due to product drift considerations. They feel they could not control the drift and that is an unacceptable risk to citizens and livestock.
- Accept bid submitted by Clarke for adult mosquito control chemical. Clarke bid \$14.80/gallon for Biomist 4+4. The next lowest bid was Univar USA at \$16.65/gallon for Kontrol 4-4.

Staff recommends the Mosquito Control Products and Application Services contract be awarded to Clarke Mosquito Control Products.

PREVIOUS COUNCIL ACTION(S):

Date: March 28, 2011

Roll Call Number: [11-0533](#)

Action: Bids from the following:

- (A) [Clarke](#) Mosquito Control Products (J. Lyell Clarke, President) for joint purchase along with the City of West Des Moines, Polk County and Urbandale for an annual contract with two (2) additional twelve (12) month renewal options to furnish mosquito control products and application services to be used by the Community Development Department, \$34,688.50. (Nine bids mailed, four received) Moved by Hensley to adopt. Motion Carried 7-0.

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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