

**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 4.k

Title:

Recommendation to Extend the Agreement for Mosquito Abatement Services with Clarke Environmental

Presenter:

AJ Reineking

Meeting: Government Services Committee

Date: April 24, 2017

Proposed Cost: \$99,116

Budgeted Amount: \$100,000

Not Budgeted: ☐**Executive Summary** (*if not budgeted please explain*):

For the past thirty years, the City has provided services related to mosquito abatement throughout the community. Since the program's inception, the City has utilized Clarke Environmental as its contractor. Clarke utilizes an extensive mapping system and information database to execute a program that includes larvicide treatments, adult traps, lab analysis, and up to three community sprayings. Clarke also maintains the Mosquito Hotline to offer a comprehensive customer service portal to the City's residents. In addition, Clarke is the mosquito consultant for the communities surrounding St. Charles, allowing for a comprehensive, proactive group approach to controlling mosquitos.

The City's contract with Clarke Environmental is due to expire at the end of the fiscal year. Clarke has proposed to extend their agreement by three (3) years. Their proposal includes a 0% rate increase for Year 1 of the extension (2017). For each of the next two years, the price would increase at the rate of the Consumer Price Index (CPI), but not to exceed 2% in any given year.

Attachments (*please list*):

* Clarke Environmental Extension Proposal

Recommendation/Suggested Action (*briefly explain*):

Recommendation to execute a three year contract extension for mosquito abatement services with Clarke Environmental in the first year amount of \$99,116.00 with the maximum allowable annual contract increase of 2%.



675 Sidwell Court
St. Charles, IL 60174
630.894.2000 P
630.443.3070 F
www.clarke.com

April 5, 2017

City of St. Charles
AJ Reineking, Public Works Manager
2 E. Main Street
St. Charles, IL 60174-1984

Dear AJ,

As discussed, Clarke Environmental Mosquito Management, Inc., ("Clarke"), hereby proposes to continue to provide professional mosquito control services to the City of St. Charles during 2017-2019 in accordance with the terms of the contract in effect for 2016.

Your 2017 program cost will be held at the 2016 level of \$99,116.00. Please see the attached outline.

An NPDES (National Pollutant Discharge Elimination System) permit will be necessary for the execution of the work for mosquito control. Currently, the City of St. Charles is covered under Clarke's permit.

Thank you for the confidence you have placed in Clarke. We sincerely appreciate the continuous opportunity to service the City of St. Charles.

If you have any questions on any aspect of your contract or services, please do not hesitate to contact me at (630) 671-3129.

Sincerely,

Jack Thennisch
Control Consultant

**Clarke Environmental Mosquito Management, Inc.,
Professional Services Outline for 2017
City of St. Charles
Environmental Mosquito Management (EMM) Program**

Part I. General Service

- A. Aerial Survey and Geographic Information System (GIS) Mapping
- B. Computer System and Record Keeping Database
- C. Public Relations and Educational Brochures
- D. Mosquito Hotline Citizen Response – (800) 942-2555
- E. Comprehensive Insurance Coverage naming the City of St. Charles additionally insured
- F. Program Consulting and Quality Control Staff
- G. Monthly Operational Reports, Periodic Advisories, and Annual Report
- H. Regulatory compliance on local, state, and federal levels

Part II. Surveillance and Monitoring

- A. Floodwater Mosquito Migration Model:
The use of weather data and computer model to predict the arrival of *Aedes vexans* brood (hatch) and peak annoyance periods. (Clarke will contact the City of St. Charles representative and inform him of the impending brood arrival.)
- B. Arbovirus Surveillance:
 - 1. Gravid Trap: Operation of two (2) traps to collect *Culex* mosquitoes. Mosquitoes will be collected, identified to species, and pooled for disease assay. Samples will be tested at Clarke laboratories utilizing VecTest® technology for West Nile Virus.
 - 2. Clarke New Jersey Light Trap Network: Operation of two (2) traps within the City of St. Charles to monitor and evaluate adult mosquito activity.
- C. Weather Monitoring – Operational Forecasts

Part III. Larval Control

- A. Targeted Mosquito Management System (TMMS™) computer database and site management.
- B. Larval Site Monitoring: (9) inspections
 - 1. Three (3) complete inspections of all sites.
 - 2. Three (3) targeted inspections of all breeding areas as determined by the computerized Clarke Targeted Mosquito Management System™.
 - 3. Inspections of sites called in by residents on the Mosquito Hotline.
- C. Prescription Larval Control will be performed with VectoLex® (*Bacillus sphaericus*), VectoBac® (*Bacillus thuringiensis israelensis* - Bti), Abate®, Natular®, and/or Altosid® mosquito larvicide as described in the following sections.

1. Larval Control: The program provides backpack or hand equipment treatments.
2. Helicopter Prehatch: Three (3) treatments using a 30 day residual product of all acres for floodwater mosquito control.
3. Catch Basins: One treatment of all street side catch basins, inlets and manholes using an extended residual slow release insecticide for up to 150 day control.

Part IV. Adult Control

- A. Adulticiding in mosquito harborage areas:
 1. Six (6) scheduled truck Ultra Low Volume (ULV) treatments using a synthetic pyrethroid insecticide for any community special events.
- B. Adulticiding in Residential Areas:
 1. Three (3) community-wide truck ULV treatments of all miles of streets using Anvil® or Biomist® or synthetic pyrethroid insecticide. Any additional authorized community ULV treatments will be priced at \$58.00 per mile/treatment.
- C. Adulticiding Operational Procedures
 1. Notification of community contact.
 2. Weather limit monitoring and compliance.
 3. Notification of residents on Clarke Call Notification List.
 4. ULV particle size evaluation.
 5. Insecticide dosage and quality control analysis.

2017 EMM Payment Total Price for Parts I, II, III, IV \$99,116.00**

****NPDES Permit:** A National Pollutant Discharge Elimination System (NPDES) permit is necessary for the execution of the work for mosquito control effective October 31, 2011. Any additional costs associated with activities and/or services that may be required by Clarke in order to comply with an NPDES permit are not included in this proposal.

**Clarke Environmental Mosquito Management, Inc.,
2017 Client Agreement Authorization for City of St. Charles
Environmental Mosquito Management (EMM) Program**

- I. **TERM AND TERMINATION:** This Agreement has an automatic Renewal Clause. The term of the Agreement shall commence on the date when both parties have executed this Agreement and shall continue for a period ending on December 31, 2019 (the "Initial Term"). Unless either party hereto provides the other party with written notice at least Ninety (90) days prior to the end of the Initial Term or any subsequent renewal term, this Agreement shall automatically continue to renew for additional term, each term having duration equal to the Initial Agreement. If a party hereto fails to comply with a provision of this Agreement, then the other party shall have the right to terminate this Agreement if it gives written notice of the default to the defaulting party and the defaulting party fails to cure the default within sixty days of receipt of said notice.
- II. **Price Increases:** The price for the services rendered hereunder may be increased by Clarke Environmental Mosquito Management, Inc. ("Clarke") on the first day of any Calendar year commencing on January 1, 2018 (a "Price Increase Date") by a percentage which shall not exceed 2%. Clarke Environmental Mosquito Management, Inc. may petition the City of St. Charles at any time for an additional rate adjustment on the basis of extraordinary and unusual changes in the cost of operations that could not be reasonably foreseen by a prudent operator. New areas to be covered will be pro-rated to the program price at the rates in effect at the time.
- III. **Program Payment Plan:** For Parts I, II, III, and IV as specified in the 2017 Professional Services Price Outline, the total for the 2017 program is \$99,116.00. The payments will be due on May 1st, June 1st, July 1st and August 1st according to the payment schedule below. Any additional treatments beyond the core program will be invoiced when the treatment is completed.

PROGRAM PAYMENT PLAN

Month	2017
May 1 st	\$24,779.00
June 1 st	\$24,779.00
July 1 st	\$24,779.00
August 1 st	\$24,779.00
TOTAL	\$99,116.00

For City of St. Charles:

Sign Name: _____ Title: _____ Date: _____

For Clarke Environmental Mosquito Management, Inc.:

Name: Jack Thennisch Title: Control Consultant Date: 4/5/17
Jack Thennisch



**Clarke Environmental Mosquito Management, Inc.,
2017 Client Authorization for City of St. Charles
Environmental Mosquito Management (EMM) Program**

Administrative Information:

Invoices should be sent to:

Name: _____
Address: _____
City: _____ State: _____ Zip _____
Office Phone: _____ Fax: _____ P.O. # _____
E-mail: _____ County: _____

****In an effort to be more sustainable, we ask that you provide us with an
Email address that the invoices should be sent to.****

Treatment Address (if different from above):

County: _____

Address: _____
City: _____ State: _____ Zip _____

Contact Person for City of St. Charles:

Name: _____ Title: _____
Office Phone: _____ Fax: _____ E-Mail: _____
Home Phone: _____ Cell: _____ Pager: _____

Alternate Contact Person for City of St. Charles:

Name: _____ Title: _____
Office Phone: _____ Fax: _____ E-Mail: _____
Home Phone: _____ Cell: _____ Pager: _____

Please sign and return a copy of the complete contract for our files to:

Clarke Environmental Mosquito Management, Inc., Attn: Jack Thennisch
675 Sidwell Ct. St Charles, IL 60174 or Fax at (630) 443-3070