



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item:	Authorization to Accept a Proposal to Conduct Mosquito Abatement, Clarke Environmental Mosquito Management, Inc.		
Presenter & Title:	Richard Babica, Director of Public Works		
Date:	April 3, 2019		
Please Check Appropriate Box:			
<input checked="" type="checkbox"/>	Committee of the Whole Meeting		Special Committee of the Whole Meeting
<input checked="" type="checkbox"/>	City Council Meeting		Special City Council Meeting
<input type="checkbox"/>	Public Hearing		Other -
Associated Strategic Plan Goal/Objective: QL-1			
Estimated Cost: \$49,548.00		Budgeted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Other Funding? <input type="checkbox"/> Yes <input type="checkbox"/> No
<i>If "Other Funding," please explain how the item will be funded:</i>			
Executive Summary:			
<p>The FY19 Annual Budget provides \$60,000 within the General Fund Streets and Walks Account 100.90.91.15.587 to conduct Mosquito Abatement within the City. The attached proposal from Clarke is an optional extension of the service contract approved at the July 6, 2015 City Council Meeting. Clarke Environmental has been providing Mosquito Abatement services for the City since 2014 and staff is confident in their ability and recommends the City exercise the contract extension option. Services included; Public Education/Outreach, monitoring, larval control and adulticide applications as warranted.</p>			
Attachments: <i>(please list)</i>			
<ul style="list-style-type: none"> • Clarke Environmental Mosquito Management, Inc. Proposal dated March 29, 2019 • Resolution 			
Voting Requirements:			
<p><i>This motion requires 6 affirmative votes for passage.</i></p> <p><i>The Mayor may vote on three occasions: (a) when the vote of the aldermen or trustees has resulted in a tie; (b) when one half of the aldermen or trustees elected have voted in favor of an ordinance, resolution, or motion even though there is no tie votes; or (c) when a vote greater than a majority of the corporate authorities is required by state statute or local ordinance to adopt an ordinance, resolution, or motion.</i></p>			
Recommendation / Suggested Action: <i>(how item should be listed on agenda)</i>			
<p>Respectfully recommend that the City Council authorize the City Administrator to execute the proposal from Clarke Environmental Mosquito Management, Inc., of St. Charles, Illinois to conduct the 2019- 2020 Mosquito Abatement Program in the amount not to exceed \$49,548.00.</p>			

RESOLUTION NO. 2019-32

**RESOLUTION AUTHORIZING EXECUTION OF
A PROPOSAL TO CONDUCT THE MOSQUITO ABATEMENT PROGRAM
FOR 2019-2020**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GENEVA, KANE COUNTY, ILLINOIS, as follows:

SECTION 1: That the City Administrator is hereby authorized to execute, on behalf of the City of Geneva, a Proposal to complete the 2019 - 2020 Mosquito Abatement Program for the City of Geneva, in the form attached hereto at Exhibit "A."

SECTION 2: This Resolution shall become effective from and after its passage as in accordance with law.

PASSED by the City Council of the City of Geneva, Kane County, Illinois, this ____ day of _____, 2019

AYES: __ **NAYS:** __ **ABSENT:** __ **ABSTAINING:** __ **HOLDING OFFICE:** __

Approved by me this ____ day of _____, 2019.

Mayor

ATTEST:

City Clerk



675 Sidwell Court
St. Charles, IL 60174
630.894.2000 P
800.323.5727
630.443.3070 F
www.clarke.com

March 29, 2019

Rich Babica
City of Geneva
1800 South Street
Geneva, IL 60134-2547

Dear Mr. Babica:

As discussed, Clarke Environmental Mosquito Management, Inc., ("Clarke"), hereby proposes to continue to provide professional mosquito control services to the City of Geneva during 2019 in accordance with the terms of the contract in effect for 2014. Please see attached outline.

As your committed partner in mosquito control we thank you for the opportunity to continue to provide services to the City of Geneva.

Sincerely,

Jack Thennisch
Control Consultant

Accepted for the City of Geneva:

Signature: Date: 04/16/2019

Name: STEPHANIE DAWKINS Title: CITY ADMINSTRATOR

Please sign and return the original for our records.



**Clarke Environmental Mosquito Management, Inc.,
2019 Professional Services Outline for City of Geneva
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 – contact us at www.clarkeportal.com/hotline
- E. Comprehensive Insurance Coverage naming the City of Geneva 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 Geneva representative and inform him of the impending brood arrival.)
- B. Survey & Mapping
 - 1. Program provides for larval site survey map of potential mosquito breeding areas for the community.
- C. Arbovirus Surveillance:
 - 1. Gravid Trap: Operation of one (1) trap to collect *Culex* mosquitoes. Mosquitoes will be collected, identified to species, and pooled for disease assay. Samples will be tested at Clarke laboratories utilizing RAMP technology for West Nile Virus.
 - 2. Clarke New Jersey Light Trap Network: Operation of four (4) traps within the City of Geneva to monitor and evaluate adult mosquito activity.
 - 3. Clarke New Jersey Light Trap Network to monitor and evaluate adult mosquito activity.
- D. Weather Monitoring – Operational Forecasts



Part III. Larval Control

- A. Targeted Mosquito Management System (TMMS™) computer database and site management.
- B. Larval Site Monitoring:
 - 1. One (1) complete inspections of up to all sites as outlined by most recent Clarke GIS Survey.
 - 2. Three (3) targeted inspections of all breeding areas as determined by the Clarke Targeted Mosquito Management System™.
 - 3. Inspections of sites called in by residents on the Mosquito Hotline.
- C. Prescription Larval Control treatments will be performed with *Bacillus sphaericus*, *Bacillus thuringiensis israelensis* - Bti, methoprene, temephos, and/or Natular® (Spinosad) mosquito larvicide as described in the following sections.
 - 1. Helicopter Larval Control: Treatments using a single brood product for floodwater mosquito control.
 - 2. Catch Basins: One treatment of all 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. Four (4) scheduled truck Ultra Low Volume (ULV) treatments using a pyrethroid insecticide for any community special events. (Swedish Days)
- B. Adulticiding in Residential Areas:
 - 1. Four (4) community-wide truck ULV treatments of all miles of streets using Duet, Biomist®, or other pyrethroid insecticide.
- 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.

2019 EMM Payment Total Price for Parts I, II, III, IV \$49,548.00**



**Clarke Environmental Mosquito Management, Inc.,
2019 Client Agreement Authorization for City of Geneva
Environmental Mosquito Management (EMM) Program**

- I. **Program Payment Plan:** For Parts I, II, III, and IV as specified in the 2019 Professional Services Price Outline, the total for the 2019 program is \$49,548.00. Any additional treatments beyond the core program will be invoiced when the treatment is completed. City of Geneva has the option to extend this program for 2020 and 2021 at rates not to exceed a 5% annual increase.

PROGRAM PAYMENT PLAN

Month	2019
June 1 st	\$24,774.00
July 1 st	\$24,774.00
TOTAL	\$49,548.00

II. **Approved Contract Period and Agreement:**

Please check one of the following contract periods:

- 2019 Season 2019 thru 2021 Season
(New areas to be covered in 2020 - 2021 will be pro-rated to the program cost at the rates in effect at the time.)

****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.

For City of Geneva:

Sign Name: [Signature] Title: CITY ADMINISTRATOR Date: 04/16/2019

For Clarke Environmental Mosquito Management, Inc.:

Name: Jack Thennisch Title: Control Consultant Date: 3/29/2019
Jack Thennisch



Clarke Environmental Mosquito Management, Inc.,
2019 Client Authorization for City of Geneva
Environmental Mosquito Management (EMM) Program

Administrative Information:

Invoices should be sent to:

Name: PUBLIC WORKS ATTN: RICHARD BABICA
Address: 1800 SOUTH STREET
City: GENEVA State: IL Zip 60134
Office Phone: 630 232 1501 Fax: 630 208 1503 P.O. # N/A
E-mail: RBABICA@GENEVA.IL.US County: KANG

****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 Geneva:

Name: RICHARD BABICA Title: DIR. PUBLIC WORKS
Office Phone: 630 232 1501 Fax: 630 208 1503 E-Mail: RBABICA@GENEVA.IL.US
Home Phone: N/A Cell: 224 230 9046 Pager: N/A

Alternate Contact Person for City of Geneva:

Name: BRIAN SCHIBER Title: AST. DIR. PUBLIC WORKS
Office Phone: 630 232 1501 Fax: 630 208 1503 E-Mail: BSCHIBER@GENEVA.IL.US
Home Phone: N/A Cell: 630 742 7538 Pager: N/A

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