

 ST. CHARLES <small>S I N C E 1 8 3 4</small>	AGENDA ITEM EXECUTIVE SUMMARY							
	Title:	Recommendation to Approve Mosquito Abatement Contract with Clarke Environmental						
	Presenter:	Chris Adesso						
<i>Please check appropriate box:</i>								
	Government Operations		X	Government Services 04.28.14				
	Planning & Development			City Council				
	Public Hearing							
Estimated Cost:	\$96,162	Budgeted:	YES	X	NO			
If NO, please explain how item will be funded:								
Executive Summary:								
<p>Over the past twenty-seven years, The City has provided services related to mosquito abatement. Since the beginning, Clarke Environmental has provided exceptional service while managing the Mosquito Abatement Program. Clarke has been a very reliable consultant and is considered the top expert in our area. Over the years, they have been able to build a detailed database for the City of St. Charles, provide exceptional Customer Service and provide all of the abatement services for a successful program. Clarke is also the consultant for the communities surrounding St. Charles, allowing a proactive group approach to controlling mosquitos.</p>								
Attachments: <i>(please list)</i>								
Clarke Environmental Mosquito Management Professional Services Outline Request for Waiving Bid								
Recommendation / Suggested Action <i>(briefly explain):</i>								
Recommendation to waive the Formal Bid Procedure and approve Contract with Clarke Environmental for Mosquito Abatement Services for FY 14/15.								
<i>For office use only:</i>		<i>Agenda Item Number: 6.g</i>						



110 E. Irving Park Rd., 4th Floor
Roselle, Illinois 60172
630.894.2000 P
630.894.1774 F
www.clarke.com

February 28, 2014

Peter Suhr D.P.W.
200 Devereaux Way
St. Charles, IL 60174

Dear Peter:

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 the 2014-2016 seasons, in accordance with the terms of the contract in effect for 2013. The price for the services provided during the 2014 season shall be held at the 2013 level of \$96,162.00. The price for 2015-2016 shall not exceed the annual cost of living allowance.

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

Sincerely,

Jack Thennisch
Control Consultant

For the City of St. Charles:

Name _____ Date: _____

****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.



A Global Environmental Products and Services Company



**Clarke Environmental Mosquito Management, Inc.,
Professional Services Outline for 2014
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. Six (6)) 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 \$57.35 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.

2014 EMM Payment Total Price for Parts I, II, III, IV \$96,162.00**

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REQUEST FOR WAIVING BID PROCEDURE

We request the City Council to waive the bid procedure and accept the quotation (requiring two-thirds City Council vote) submitted by:

Clarke Environmental Mosquito Management
110 E. Irving Park Rd.
Roselle, IL 60172

For the purchase of: Mosquito Control Services for Fiscal Year 2014/ 2015.

At a cost of: \$ 96,162

Reason for the request to waive the bid procedure:

Clarke Mosquito has managed the Mosquito Abatement Program for the City for 27 Years, has provided reliable service, and meet all of the requirements of our specifications. Pricing has been frozen from last year.

Other Quotations Received: None

Date: 04/28/2014

Requested by: _____

Department Director: _____

Purchasing Manager: _____

Committee Chairman: _____

THIS REQUEST FORM MUST BE SIGNED BY ALL PARTIES PRIOR TO REQUESTING COMMITTEE APPROVAL FOR WAIVING OF THE BID PROCEDURE. REQUESTS FORWARDED DIRECTLY TO THE CITY COUNCIL (AND BYPASSING COMMITTEE) MUST BE SIGNED BY ALL PARTIES PRIOR TO REQUESTING CITY COUNCIL APPROVAL. SUCH REQUESTS ARE TO BE OF AN EMERGENCY NATURE WHERE TIME IS OF THE ESSENCE.