



ST. CHARLES
SINCE 1834

AGENDA ITEM EXECUTIVE SUMMARY

Title: Recommendation to approve Mosquito Abatement Contract with Clarke Environmental

Presenter: Peter Suhr

Please check appropriate box:

<input type="checkbox"/>	Government Operations	<input checked="" type="checkbox"/>	Government Services 01.28.13
<input type="checkbox"/>	Planning & Development	<input type="checkbox"/>	City Council
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	

Estimated Cost:	\$96,162	Budgeted:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>
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If NO, please explain how item will be funded:

Executive Summary:

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. In 2011, Clarke was approved to provide mosquito abatement through a three-year agreement with the City. This will be the final year of the agreement.

Attachments: *(please list)*

Clarke Environmental Mosquito Management Professional Services Outline
Request for Waiving Bid Procedure

Recommendation / Suggested Action *(briefly explain):*

Staff recommends approval of Clarke Environmental for Mosquito Abatement Services for the third year of a three-year agreement.

For office use only:

Agenda Item Number: 5.p

Clarke Environmental Mosquito Management, Inc.
Professional Services Outline For
The 2011 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
- F. Program Consulting and Quality Control Staff

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.
- 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: nine (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 with VectoLex® (*Bacillus sphaericus*), VectoBac® (*Bacillus thuringiensis israelensis* - Bti), Abate® and Altosid®.
 - 1. The program provides for VectoBac® Larviciding with backpack or hand equipment.

- D. Helicopter Treatment:
 1. Helicopter Prehatch: Three (3) treatments with 5% Abate® of all acres for floodwater mosquito control.

- E. Catch Basin Control:
 1. Catch Basins: One (1) treatment of all street side catch basins, inlets and manholes with Altosid XR sustained slow release insecticide.

Part IV. Adult Control

- A. Adulthooding in mosquito harborage areas:
 1. Six (6) scheduled truck Ultra Low Volume (ULV) treatments with a synthetic pyrethroid insecticide for any community special events.

- B. Adulthooding in Residential Areas:
 1. Three (3) community-wide truck ULV treatments of all miles of streets with Anvil® or Biomist®. Any additional authorized community ULV treatments will be priced at \$54.59 per mile.

- C. Adulthooding 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.

2011 EMM Payment Total Cost for Parts I, II, III, & IV:** **\$ 90,642.00**

****NPDES Permit:** A NPDES (National Pollutant Discharge Elimination System) permit may be necessary for the execution of the work for mosquito control. Any costs associated with such a permit are not included in this proposal. Also, since final regulation requirements were not finalized when this proposal was presented, any additional and/or incremental activities or services that may be required by the applicator in order to comply with an NPDES permit are not included in this proposal.

**Clarke Environmental Mosquito Management, Inc.
Professional Services Outline For
The 2011 City of St. Charles
Environmental Mosquito Management (EMM) Program**

- I. Program Payment Plan:** For Parts I, II, III, and IV as specified in the 2011 Professional Services Outline, the total for the 2011 program is \$90,642.00. 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. The 2012 and 2013 costs are estimated at a 3% cost of living allowance.

PROGRAM PAYMENT PLAN

Month	2011	2012 (est.)	2013 (est.)
May 1 st	\$22,660.50	\$23,340.50	\$24,040.50
June 1 st	\$22,660.50	\$23,340.50	\$24,040.50
July 1 st	\$22,660.50	\$23,340.50	\$24,040.50
August 1 st	\$22,660.50	\$23,340.50	\$24,040.50
TOTAL	\$90,642.00	\$93,362.00	\$96,162.00

For the City of St. Charles:

Sign Name: _____ Title: _____ Date: _____

For Clarke Environmental Mosquito Management, Inc.,:

Name: _____ Title: Control Consultant Date: _____
 Jack Thennisch

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 2012/ 2013 with an Agreement extension until 2013.

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.

Other Quotations Received: None

Date: 01/28/2013

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.