

**VILLAGE OF LOMBARD**  
**REQUEST FOR BOARD OF TRUSTEES ACTION**  
For Inclusion on Board Agenda  
Bids and Proposals

TO : President and Village Board of Trustees  
FROM : William T. Lichter, Village Manager  
DATE : February 23, 2005 Agenda Date: March 3, 2005  
TITLE : Bid for: Mosquito Abatement Contract  
SUBMITTED BY: John Burg, Assistant Director of Public Works



**RESULTS:**

Date Bids Were Published \_\_\_\_\_ Bidding Closed \_\_\_\_\_

Total Number of Bids Received \_\_\_\_\_

Total Number of Bidders Meeting Specifications \_\_\_\_\_

Bid Security Required \_\_\_\_\_ Yes \_\_\_\_\_ No

Performance Bond Required \_\_\_\_\_ Yes \_\_\_\_\_ No

Were Any Bids Withdrawn \_\_\_\_\_ Yes \_\_\_\_\_ No

Explanation:

Waiver of Bids Requested? \_\_\_\_\_ X Yes \_\_\_\_\_ No

If yes, explain:

Award Recommended to Lowest \_\_\_\_\_ Yes \_\_\_\_\_ No

Responsible Bidder?

If no, explain:

**FISCAL IMPACT:**

Engineer's estimate/budget estimate \$115,000 2740.755700

Amount of Award \$115,000

**BACKGROUND/RECOMMENDATION:**

See attached memo.

Has Recommended Bidder Worked for Village Previously X Yes     No

If yes, was quality of work acceptable X Yes     No

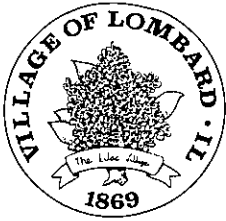
Was item bid in accordance with Public Act 85-1295?     Yes X No

Waiver of bids - Public Act 85-1295 does not apply X Yes

**REVIEW (as needed):**

Village Attorney XX \_\_\_\_\_ Date \_\_\_\_\_  
Finance Director XX Timothy Sexton Date 2/23/05  
Village Manager XX William T. Lichter Date 2/23/05

**NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Board Agenda distribution.**



To: William Lichter, Village Manager  
Through: Wes Anderson, Director of Public Works  
From: John Burg, Assistant Director of Public Works  
Date: February 23, 2005  
Subject: Mosquito Abatement Contract

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At the February 22, 2005 meeting, the Environmental Concerns Committee unanimously recommended waiver of bids and approval of the attached Mosquito Abatement Contract with Clarke Mosquito.

This contract shows the base program price, but any sprayings are an additional cost based on the unit prices in the contract. Budgeted amount is \$115,000.

DuPage County will again provide four Gravid Traps free of charge in the Lombard area (two in Lombard, two just outside Village boundaries). Gravid Traps attract the Culex mosquito, the main vector of West Nile Virus. The County's assistance saves the Village at least \$24,000 a year on the Clarke contract. Village staff will carefully monitor conditions and focus control efforts on areas within the community where mosquito activity is the greatest.

Pursuant to the Committee's recommendation, I also recommend waiver of bids and award of a contract to Clarke Environmental Mosquito Management, Inc. in an amount not to exceed \$115,000. The contract allows the Village to spray when required or add catch basins when additional are found. Last year, the Village sprayed four times to assist in controlling the mosquitoes that carry West Nile Virus.

Please place this item on the March 3, 2005 agenda for consideration by the Village Board. If you have questions, please call me.

**Clarke Environmental Mosquito Management, Inc.**  
**Professional Services Outline For**  
**The 2005 Village of Lombard**  
**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 Village of Lombard additionally insured
- 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. Clarke will contact the Village of Lombard representative and inform him of the impending brood arrival.
- B. Weather Monitoring – Operational Forecasts

**Part III. LARVAL CONTROL**

- A. Targeted Mosquito Management System (TMMS™) computer database and site management.
- B. Larval Site Monitoring: (12) inspections
  - 1. Three (3) complete inspections of up to **141** sites
  - 2. Six (6) targeted inspections of up to **70** breeding areas
  - 3. Three (3) targeted inspections of up to **49** known *Culex spp.* breeding areas.
  - 4. 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®.
- D. Catch Basin Control: Four (4) treatments of up to 4,314 catch basins, inlets and manholes with VectoLex®, Altosid® or a 30-day sustainable slow release insecticide.
- E. One treatment of up to **293** backyard catch basins, inlets and manholes with Altosid® XR for 100+ day sustainable control. Addition off road catch basins to be treated at \$10.00 per basin.

**Part III. LARVAL CONTROL (Continued)**

- F. Helicopter Application: Three (3) applications with Abate® of 49 acres of known breeding areas (\$74.81/ACRE).

**Part IV. ADULT CONTROL**

- A. Adulticiding in mosquito harborage areas:
  - 1. Four (4) scheduled truck Ultra Low Volume (ULV) treatments with a synthetic pyrethroid insecticide for any community special events.
- B. Adulticiding in Residential Areas:
  - 1. Truck ULV treatments with Anvil® or synthetic pyrethroid insecticide at the direction of the Village. Treatments may be on a section or city basis at a cost of \$64.70 per mile (minimum of 5 miles). Community wide treatments of 154 routed miles of Village streets at a cost of \$9,963.80 per 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.

**2005 EMM Payment Total Cost for Parts I, II, III, IV                      \$ 85,130.00**

**Clarke Environmental Mosquito Management, Inc.  
Customer Agreement and Authorization  
The 2005 Village of Lombard  
Environmental Mosquito Management (EMM) Program**

- I. **Program Payment Plan.** For Parts I, II, III, and IV as specified in the 2005 Professional Services Cost Outline, the total for the 2005 program is \$85,130.00. The payments will be due on April 1, May 1, June 1, July 1, 2005 according to the payment schedule below. Any additional applications beyond the core program will be invoiced when the application is completed.


**PROGRAM PAYMENT PLAN**

<b>Month</b>	<b>2005</b>
April 1	\$ 21,282.50
May 1	\$ 21,282.50
June 1	\$ 21,282.50
July 1	\$ 21,282.50
<b>TOTAL</b>	<b>\$ 85,130.00</b>

**For the Village of Lombard:**

Sign Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**For Clarke Environmental Mosquito Management, Inc.:**

Name:  Title: Control Consultant Date: \_\_\_\_\_  
George Balis

**Clarke Environmental Mosquito Management, Inc.  
Customer Authorization  
The 2005 Village of Lombard  
Environmental Mosquito Management (EMM) Program**

**Administrative Information:**

**Invoices should be sent to:**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip \_\_\_\_\_  
Office Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-Mail \_\_\_\_\_  
Purchase Order Number: \_\_\_\_\_

**Treatment Address (if different from above):**

Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip \_\_\_\_\_

**Contact Person for Village of Lombard:**

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

**Alternate Contact Person for Village of Lombard:**

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: George Balis  
159 N. Garden Avenue, Roselle, IL 60172-9963 or Fax at (630) 894-1774