

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 : April 5, 2004 Agenda Date: April 15, 2004
TITLE : Bid Waiver for: Mosquito Abatement Contract
SUBMITTED BY: John Burg, Acting Director of Public Works

Handwritten signature of John Burg

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Were Any Bids Withdrawn Yes No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 Responsible Bidder? Yes No
If no, explain:

FISCAL IMPACT:

Engineer's estimate/budget estimate \$100,000 2740.755700

Amount of Award \$100,000

BACKGROUND/RECOMMENDATION:

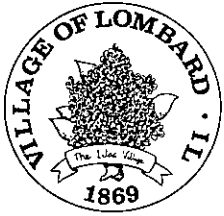
See attached memo.

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 [Signature] Date 4/7/04
Village Manager XX [Signature] Date 4/7/04

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.



## Memorandum

**To:** William Lichter, Village Manager  
**From:** John Burg, Assistant Director of Public Works  
**Date:** April 2, 2004  
**Subject:** Mosquito Abatement Contract

On March 23, 2004 the Environmental Concerns Committee recommended approval of the attached contract with Clarke Environmental Mosquito Management, Inc. The Committee has put in a significant amount of study this year to improve our Mosquito Abatement Program. The Committee enlisted the aid of Sam Davis from the Illinois Department of Public Health, who attended meetings and gave advice by phone and email. The change in the contract is based on Sam Davis' suggestions.

The DuPage County Department of Health recently received a \$100,000 Federal grant for mosquito abatement. The County has agreed to install 4 Gravid traps in Lombard at no charge. These traps are specifically for the Culex Pipiens mosquito that carries West Nile Virus. The Village will also receive a New Jersey light trap and a CDC trap to track Aedes Vexans (nuisance mosquitoes) free of charge. As a result, the traps have been removed from the contract at a savings of \$31,000.

The Clarke contract is in the amount of \$81,606.50. This does not include any sprayings. If the Village were to authorize two community-wide sprayings, the cost would be about \$100,000, which is the amount in the budget. I recommend a waiver of bids and an award of a contract to Clarke Environmental Mosquito Management, Inc. in an amount not to exceed \$100,000 for the attached mosquito abatement contract for the 2004 season. Please note that due to my negotiations with Clarke, the contract will include the annual touch-up treatments at the Taste of Lombard at no additional cost.

Please place this matter on the agenda for consideration by the Village President and Board on April 15, 2004. If you have any questions, please call me.

**Clarke Environmental Mosquito Management, Inc.**  
**Professional Services Outline For**  
**The 2004 Village of Lombard**  
**Environmental Mosquito Management (EMM) Program**

**Part I. General Service**

- A. Aerial Survey and Geographic Information System (GIS) Mapping
- B. Targeted Mosquito Management Computer Database System
- C. Mosquito Hotline Citizen Response - (800) 942-2555
- D. Comprehensive Insurance Coverage
- E. Monthly Program and Annual Reports
- F. Quality Control Staff

**Part II. Surveillance and Monitoring**

- A. Floodwater Mosquito Brood Prediction  
The use of climatological data and computer model to predict the arrival of *Aedes vexans* broods and peak annoyance periods. Clarke will contact the Village 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:
  - 1. Three (3) complete inspections of up to 139 sites.
  - 2. Six (6) targeted inspections of up to 51 sites.
  - 3. Three (3) inspections of up to 38 historical *Culex spp.* sites
- C. Larval Control with *Bacillus thuringiensis israelensis (Bti)*, VectoLex CG (*bacillus sphraericus*) and stocking of mosquitofish (*Gambusia affinis*) for biological control at 1,000 to 1,500 per surface acre.
- D. Catch Basin Control: Four treatments of up to 4,296 street catch basins, inlets, and manholes with *Altosid® Briquets*: \$11.00 season
- E. Off Road Catch Basin Control: One (1) treatment of 221 off road catch basins with *Altosid XR Briquets*. *Additional off road catch basins to be treated at \$10.00 per basin.*
- F. Helicopter Application: Four (4) applications with 5% Abate pellets of 49 acres for larval control for sites found breeding *Culex spp.* (\$72.84/acre)

**Part IV. Adult Mosquito Management**

- A. Adulticiding in Residential Areas.
  - 1. Truck ULV treatments with Anvil® or synthetic pyrethroid insecticide at the direction of the Village. Village to be divided into 4 sections based on gravid trap locations. Treatments may be on a section or city basis at \$63.00 per mile (minimum 5 miles).  
*Community wide treatments of \$8,820.00 per treatment.*
- B. Adulticiding Operational Procedures
  - 1. Notification of community contact.
  - 2. Weather limit monitoring and compliance.
  - 3. Community resident notification.
  - 4. ULV particle size evaluation.
  - 5. Insecticide dosage and quality control analysis.

**2004 EMM Program Total Cost For Parts I, II, III & IV**

**\$ 81,606.50**

**Clarke Environmental Mosquito Management, Inc.  
Professional Services Outline For  
The 2004 Village of Lombard  
Environmental Mosquito Management (EMM) Program (revised 3/26/03)**

- I. **Service Guarantee.** The Clarke Environmental Mosquito Management, Inc. is committed to providing the Village of Lombard with environmentally sound services. Clarke will respond and resolve all written concerns from community officials and residents over program effectiveness.
  
- II. **EMM Payment Plan.** As specified in the Cost Outline, the 2004 EMM program cost for the Village will be made in four equal installments.

**PAYMENT SCHEDULE  
2004 Season**

May 1	\$ 20,401.62
June 1	\$ 20,401.62
July 1	\$ 20,401.62
August 1	<u>\$ 20,401.64</u>
<b>TOTAL:</b>	<b>\$ 81,606.50</b>

**For the Village of Lombard:**

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

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

Name: \_\_\_\_\_ Date: \_\_\_\_\_

George P. Balis