

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 : May 4, 2006
Agenda Date: May 18, 2006

TITLE : Mosquito Abatement Contract



SUBMITTED BY: Wesley B. Anderson, 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Were Any Bids Withdrawn _____ Yes _____ No _____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? _____ Yes _____ No _____
If yes, explain: **See attached memo.**
Award Recommended to Lowest Responsible Bidder? _____ Yes _____ No _____
If no, explain:

FISCAL IMPACT:

Amount of Award \$88,710.00 General Fund 2740.755700

BACKGROUND/RECOMMENDATION:

See attached memo.

Has Recommended Bidder Worked for Village Previously _____ Yes _____ No _____
If yes, was quality of work acceptable _____ Yes _____ No _____
Was item bid in accordance with Public Act 85-1295? _____ Yes _____ No _____
Waiver of bids - Public Act 85-1295 does not apply _____ Yes _____ No _____

REVIEW (as needed):

Village Attorney XX _____ Date 5/8/06
Finance Director XX _____ Date 5/11/06
Village Manager XX _____ Date 5/11/06

Acting

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 T. Lichter, Village Manager

From: Wesley B. Anderson, Director of Public Works

Date: May 4, 2006

Subject: FY 2006 Mosquito Contract

DMMC has formed an AD Hoc Committee to explore changes in the way municipalities contract for mosquito management services. One of the Committee's goals is to reduce the cost of mosquito management and to explore the potential for regional contracts. The Committee will not have any results in time for this year's mosquito season. Thus the format of the Village contract for this year is unchanged.

Clarke's will provide the following services:

- Larval site monitoring of 146 sites (up 5 sites from last year)
- Larvicide application of sites
- 4 Larvicide applications in 4,314 catch basins (same as last year) with 30 day sustainable control
- 1 Larvicide application of 293 backyard catch basins (same as last year) with 100+ day sustainable control
- 3 Helicopter pre-hatch applications of 49 acres of breeding areas (same as last year)

The proposed total service will cost \$88,710.00, an increase of \$3,700.00 (4.3%) from last year's contract.

Clarke has also proposed a two-year contract providing the Village the ability to "lock-in" 2006 prices for the 2007 mosquito season. Clarke has stated that if any agreement with DMMC's AD Hoc Committee results in cost savings, Clarke will honor those cost savings with municipalities who have entered into this two-year contract.

The Environmental Concerns Committee concurs with both options and has left it to staff to determine which contract option was in the Village's best interest.

I recommend that the Board of Trustees waive bids and accept Clarke's two year mosquito management contract proposal as this will enable the Village to receive any savings that are the result of the AD Hoc Committee's efforts.

Clarke's proposal

**Please complete and return
this copy for our files**

**Clarke Environmental Mosquito Management, Inc.
Professional Services Outline For
The 2006 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 of 146 sites.
- B. Larval Site Monitoring: (12) inspections
1. Three (3) complete inspections of up to 146 sites
2. Six (6) targeted inspections of up to 74 breeding areas.
3. Three (3) targeted inspections of up to 63 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 of road catch basins to be treated at \$10.00 per basin.

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Part III. LARVAL CONTROL (Continued)

F. Helicopter Application: Three (3) applications with Abate® of 49 acres of known breeding areas.

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.

2006 EMM Payment Total Cost for Parts I, II, III, IV \$88,710.00

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this copy for our files

**Clarke Environmental Mosquito Management, Inc.
Customer Agreement and Authorization
The 2006 Village of Lombard
Environmental Mosquito Management (EMM) Program**

I. **Program Payment Plan.** For Parts I, II, III, and IV as specified in the 2006 Professional Services Cost Outline, the total for the 2006 program is \$88,710.00. The payments will be due on June 1, July 1, August 1 and September 1, 2006 according to the payment schedule below. Any additional applications beyond the core program will be invoiced when the application is completed. The Village of Lombard has the option for a two year agreement holding the 2006 prices for 2007. New areas, sites or services to be covered within the Village in the second year will be pro-rated to the program cost at the rates in effect at the time.

PROGRAM PAYMENT PLAN

Month	2006
June 1	\$22,177.50
July 1	\$22,177.50
August 1	\$22,177.50
September 1	\$22,177.50
TOTAL	\$88,710.00

II. **Approved Contract Period and Agreement.** Please check one of the following contract periods:

- 2006 Season Only
- 2006-2007 Seasons

For the Village of Lombard:

Sign Name: _____

Title: _____

Date: _____

For Clarke Environmental Mosquito Management, Inc.:

Name: _____

Title: _____

Control Consultant _____

Date: _____

George Balis

Please complete and return
this copy for our files

**Clarke Environmental Mosquito Management, Inc.
Customer Authorization
The 2006 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: _____

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 Ballis
159 N. Garden Avenue, Roselle, IL 60172-9963 or Fax at (630) 894-1774**