City Clerk's Office
Hiawatha City Hall
101 Emmons Street
Hiawatha, Iowa 52233

F7

Memo

To: Mayor and City Council
From: Kari Graber, City Clerk
Date: April 26, 2019
Re: Mosquito Control Services for the 2019 Season

The City Clerk's Office sent out requests for quotations as well as published a notice of bids for mosquito control services for the 2019 season. Two bids were received, one from Schendel Pest Control located in Marshalltown and one from Mosquito Control located in Rolfe. (See attached bid matrix).

As a part of our bid request we asked that the companies not only bid for the summer city-wide spraying program including request spraying before community events such as concerts in the park and the Hiawatha Fun Fest, but we also asked the companies to bid an Integrated Pest Management Program if available.

As you know Mosquito Control of Iowa has been performing city wide mosquito control services in Hiawatha for at least 14 consecutive years. For the last seven years, the city signed an agreement with Mosquito Control for an Integrated Pest Management Program at a cost of $20,000.00, including ground spraying, integrated pest management, larvacide monitoring, adulticiding to control adult mosquitoes, several varieties of contact and residual spraying equipment, and up to eight to ten spraying treatments.

Mosquito Control of Iowa has kept their pricing the same for the last six years of service, they are extremely knowledgeable in the field of mosquito control, and have done a great job of providing mosquito control services in past years. They also communicate very well with the residents who would like to be notified before they spray by sending out notices and/or making phone calls.

Schendel Pest Control does their city-wide spraying using a ULV (ultra low volume) machine from the back of a truck. They do not have various types of equipment and treatments or the ability to go into the parks and wooded areas.

Staff recommendation is to enter into a new agreement with Mosquito Control for a full Integrated Pest Management Program at a cost of $20,000.00 for the 2019 season, to allow for greater mosquito control measures throughout the city.

Thanks for your consideration of this item. Let me know if you have any questions or concerns.

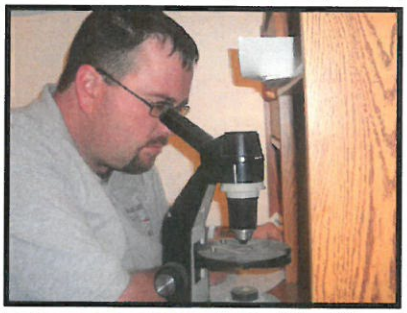
2019 Mosquito Control Bids

Company	Services	Pricing
Mosquito Control of Iowa located in Rolfe, Iowa	Integrated Pest Management Program: Surveying for mosquito breeding areas, larvaciding, monitoring and adulticiding. Combination of treatments based on NEPDES permit throughout the program season. Price includes spraying for City events.	**Full Program Price for 2019 Season:** $20,000.00
Schendel Pest Control located in Marshalltown, Iowa	Spraying done using ULV (ultra low volume) machine from the back of a truck. During spray they attempt to cover all accessible alleys and streets and city park and recreation areas.	**Spraying city wide:** $1,850.00 for city wide ground spraying including mobile home parks. **Request Sprays:** $575.00 each **2019 Season**: 10 city wide ground spraying requests = $18,500 **7 City event spraying** = $4,025 **2019 Season Total** = $22,525

Enhanced Full Program Ground Mosquito Control Bid 2019

Integrated Pest Management

We utilize the IPM Program which combines all methods of mosquito warfare for the best possible control.



Survey

To evaluate potential mosquito breeding areas (i.e. areas where water will stand for over 5 days) using ground and aerial mapping.

Monitoring

Dipping: To know where the mosquito larva are hatching and to see population and the stage of the larva.

Bite counts and Light Traps: To see amount and species of adults and effects of spraying.

Weather Conditions: Rain and temperature to anticipate hatch and correlate sprayings to optimize the control.

Larvaciding

Larvaciding in stagnant water areas to control the mosquito in the larva stage will be performed during the program. In addition, trucks are equipped to larvacide while adulticiding.

Adulticiding

Contact Spraying: to control the adult mosquitoes when they are active usually done at night.

Residual Spraying: is used to lay down a barrier that will kill adult mosquitoes that come into contact with it. This barrier is effective for seven to ten days.

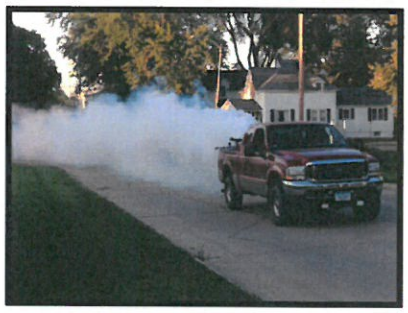
Contact Spraying Equipment

Multiple trucks : TUG and ULV sprayers

TUG (Thermal ULV Generator): 1 - 1.5 micron droplet size for better penetration into larger blocks and dense foliage areas. Smaller droplet size means greater quantity of droplets produced, creating a greater chance of mosquito contact.

ULV (Ultra Low Volume) Sprayer: 15-18 micron droplet used when weather conditions are not favorable for the TUG units.

XUV (John Deere Gators) (for use in remote areas R.R. tracks, low areas, wooded areas, etc.)



Residual Spraying Equipment:

P3CWR (City-Wide Residual spraying system)

Deep penetration into foliage where mosquitoes will rest

Remote area coverage

Variable spray tips for a wide variety of spray coverage

RAS (Residual Alley Sprayer)

Used to spray habitat areas in alleys (shrubs, hedges, brush piles, etc)

Mounted on all ULV equipped trucks

ORLAS (Off Road Large Area Sprayer)

Used for large areas (parks, ball fields, etc)

Used prior to community events (holiday celebrations, appreciation days, carnivals, etc)

Program Description:

The city will receive a combination of treatments from the Integrated Pest Management treat ments through out the program season based on the NEPDES permit. Depending the weather and species of mosquitoes that we are encountering the treatments will be selected from the control methods to provide the city with the best results available.

City of: Hiawatha

Price: $20,000

Mosquito Control Of Iowa
402 Broad ST.
Rolfe IA. 50581
712-848-3295
www.mosquitocontrolofiowa.com
mosquito@iowatelecom.net

Date: 04/20/19

Signed: Matt Weber

Accepted by: _____

Date: _____

Schendel Pest Control

Since 1955

625 W. Lincolnway
Marshalltown, Iowa 50158
641-752-0986 Fax: 641-752-8645
Email: spc@mailmis.com
04/08/19

Mosquito Bid

City of Hiawatha
Attention: City Clerk Kari Graber

RE: Address

1. General

- *Description of Program*
  Thank you for the opportunity to present our mosquito services. Mosquito spraying is done with a ULV (ultra low volume) machine from the back of a truck. The product being used is Sumithrin a synthetic pyrethroid. Natural pyrethrin comes from the chrysanthemum flower, making it safe for your city residents. A copy of the label is available. During the application we attempt to cover all accessible alleys and streets as well as any city park or recreation area.

- *Contractor service Requirements*
  The contractor shall furnish all supervision, labor, materials, and equipment necessary to complete the mosquito spraying.

2. Pest Included and Excluded

- The contractor shall repel Mosquitoes.

- Populations of the following pests are excluded from this contract but provided upon request at an additional charge:
  - Birds, bats, snakes, and all other vertebrates
  - Spiders, ants cockroaches, and all other insects

3. Bid

- The cost is $1850 for city wide ground spraying including the mobile home park. The cost for each request spraying in Guthridge Park would be $575 per event. Feel Free to contact us with any other questions

Thank you,
Bill Schendel (Manager)

RESOLUTION NO. 19-
City Council

RESOLUTION AWARDING CONTRACT
2019 MOSQUITO CONTROL

WHEREAS, the City of Hiawatha received quotations from two (2) qualified companies to perform mosquito control services for the 2019 season as follows:

Mosquito Control of Iowa: Full Integrated Pest Management Program including ground surveying, integrated pest management, larvacide monitoring and up to eight to ten treatments at a rate of $20,000.00 for the 2019 season, and

Schendel Pest Control: Spraying done with ULV (ultra low volume) machine from the back of a truck at a rate of $1,850.00 for city wide ground spraying including mobile home parks and $575 per spray for request spraying, and

WHEREAS, Funding in the amount of $20,000.00 has been budgeted in the General Fund for the 2019 mosquito control services and purchase of the full Integrated Pest Management program as presented by Mosquito Control will allow for greater mosquito control measures throughout the City while also allowing Staff to remain within budgeted funding, and

NOW THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, to extend a contract for mosquito control services with Mosquito Control of Iowa of Rolfe, Iowa at a cost of $20,000.00 for a full Integrated Pest Management program including ground surveying, integrated pest management, larvacide monitoring, adulticiding, and up to eight to ten treatments for the 2019 season including event spraying.

BE IT FURTHER RESOLVED to authorize proper City Officials to secure appropriate insurance certificates and sign contract agreement.

AYES:
NAYS:

PASSED AND APPROVED this 1st day of May, 2019.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kari Graber, City Clerk

CITYWIDE MOSQUITO CONTROL AGREEMENT 2019

THIS AGREEMENT is made this 1st day of May, 2019, by and between, and the CITY OF HIAWATHA, IA, in consideration of the following terms and conditions:

SECTION 1. TERMS OF AGREEMENT. This Agreement shall be in effect the 2019 mosquito season. This Agreement shall continue until terminated by either the Contractor or the City of Hiawatha upon 30 days written notice to the other party. All work performed by the Contractor for the City of Hiawatha shall be covered by this Agreement until such time as it has been terminated.

SECTION 2. SCOPE OF WORK. Contractor will provide a full Integrated Pest Management program including ground surveying, integrated pest management, larvacide monitoring, adulticiding, and up to eight to ten treatments for the 2019 season. Contractor further agrees to conduct spraying treatments, ground for the entire city limits, including the mobile home parks before the following City event dates:

- Concerts in Guthridge Park on August 2, August 9, August 16, and August 23
- Movie in Guthridge Park on July 12
- Hiawatha Fun Fest in Guthridge Park August 3

The City will notify Contractor when adjustments to the scope of services may be needed.

SECTION 3. FEE SCHEDULE AND METHOD OF PAYMENT. The City of Hiawatha shall pay Contractor for services performed at the total rate of $20,000.00 for the 2019 season.

SECTION 4. NO EMPLOYER-EMPLOYEE RELATIONSHIP. Contractor understands and agrees that an employer-employee relationship does not exist between the City of Hiawatha and the Contractor and that worker's compensation coverage is the sole responsibility of the Contractor. It is also understood by the City of Hiawatha and the Contractor that Contractor is solely responsible for all tax withholding and other provisions of the Internal Revenue Service and tax code.

SECTION 5. INSURANCE. Contractor will carry comprehensive general liability insurance with minimum liability limits of $1,000,000.00 per occurrence. Proof of insurance shall be provided to the City of Hiawatha before any work begins.

SECTION 6. CONTRACT DOCUMENTS. This Agreement constitutes the entire understanding between the parties making all other representation null and void.

CITY OF HIAWATHA	**Mosquito Control of Iowa**
_____	_____
Bill Bennett, Mayor	Matt Welter

May 3, 2019

Mosquito Control of Iowa
Attention: Matt Welter
402 Broad Street
Rolfe, Iowa 50581

Dear Matt:

At the May 1, 2019 City Council meeting your proposal for the full Integrated Pest Management program was accepted for Mosquito Control services to be completed during the 2019 season. I have prepared a contract for your review and signature. **Please return one signed copy for my files.**

The following items will need to be submitted to the City Clerk's office before you start work within the City of Hiawatha:

- Copy of your Certification of Liability Insurance with limits of $1,000,000.00 per occurrence and the City listed as additional insured

- Copy of your MSDS for the chemicals used

Below is the list of special events this summer that we would like you to conduct spraying treatments before they occur:

- Concerts in Guthridge Park on August 2, August 9, August 16, and August 23
- Movie in Guthridge Park on July 12
- Hiawatha Fun Fest in Guthridge Park August 3

Contact residents who have requested a call before spraying begins.

Please notify City staff at least 48 hours in advance of performing any mosquito spraying so that a press release can be sent out to the citizens to inform them.

Thank you for your continued interest in our projects.

Sincerely,

Kari Graber
City Clerk