

**MIDLAND COUNTY ROAD COMMISSION**

**BID FORM**

Sealed Proposals will be received at the office of Board of Road Commissioners, County of Midland, at 2334 N. Meridian Road, Sanford, Michigan, until:

**DATE: Friday, March 3, 2017 at 9:00 a.m.**

**Item No. 5. - BRUSH SPRAY**

- A) BRUSH CONTROL \$ \_\_\_\_\_/GALLON
- B) BRUSH CONTROL – SENSITIVE AREAS \$ \_\_\_\_\_/GALLON
- C) CATTAIL CONTROL \$ \_\_\_\_\_/GALLON
- D) PHRAGMITES CONTROL \$ \_\_\_\_\_/GALLON

**DESCRIPTION:**

This Item of work shall consist of brush spraying as outlined in the items below and provided instructions. Time of application shall be as specified with each line item.

**MEASUREMENT AND PAYMENT**

The complete work as measured for \_\_\_ Control will be paid for at the Bid unit price for the following bid items. See individual descriptions below for each pay item.

**WARRANTY**

A retainage in the amount of 5% will be withheld by MCRC as a guarantee of complete/effective kill to all targeted/recorded species. Retainage shall be held for a time period not to exceed July 1, 2018 pending all the requirements of this contract are met.

COMPANY BIDDING \_\_\_\_\_

CONTACT PERSON \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE/FAX \_\_\_\_\_

\_\_\_\_\_  
Authorized Signature Title

**INDICATE ON ENVELOPE:** Proposal Number, Bid Item, Time and Date

# MIDLAND COUNTY ROAD COMMISSION

## 2017 BRUSH SPRAY PROGRAM INSTRUCTIONS

### **A) BRUSH CONTROL**

1. Roads to be sprayed with mixed spray solution applied to Primary or Local roads as a spot brush application to said foliage to point of runoff only.
2. Application shall be a solution as determined by the Contractor to provide a full kill of all brush targeted. The solution must be approved for use by all federal, state, and local laws, and submitted/approved by MCRC prior to use.
3. Time of application shall be August 1<sup>st</sup> to September 15<sup>th</sup>.
4. If Engineer determines a complete/effective kill is not achieved with initial application, the Contractor will be required to re-treat until complete/effective kill is achieved at no cost to the Owner.

### **B) BRUSH CONTROL – SENSITIVE AREAS**

1. Roads to be sprayed with mixed spray solution applied to Primary or Local roads as a spot brush application to said foliage to point of runoff only.
2. Application shall be a solution as determined by the Contractor to provide a full kill of all brush targeted. The solution must be approved for use by all federal, state, and local laws, and submitted/approved by MCRC prior to use.
3. Time of application shall be August 1<sup>st</sup> to September 15<sup>th</sup>.
4. If Engineer determines a complete/effective kill is not achieved with initial application, the Contractor will be required to re-treat until complete/effective kill is achieved at no cost to the Owner.

### **C) CATTAIL CONTROL**

1. Roads to be sprayed with mixed spray solution applied to Primary and Local roads as a Cattail application to said foliage to point of runoff only.
2. Cattail application shall be a solution as determined by the Contractor to provide a full kill of all cattails targeted. The solution must be approved for use by all federal, state, and local laws, and submitted/approved by MCRC prior to use.
3. Time of application shall be as determined by the Contractor and approved by MCRC .
4. Application will be at intersections only as means of vision improvement. Map of locations to be sprayed will be provided.
5. If Engineer determines a complete/effective kill is not achieved with initial application, the Contractor will be required to re-treat until complete/effective kill is achieved at no cost to the Owner.

### **D) PHRAGMITES CONTROL**

1. Roads to be sprayed with mixed spray solution applied to Primary and Local roads as a Phragmites application to said foliage to point of runoff only.
2. Phragmites application shall be a solution as determined by the Contractor to provide a full kill of all Phragmites targeted. The solution must be approved for use by all federal, state, and local laws, and submitted/approved by MCRC prior to use.
3. Time of application shall be as determined by the Contractor and approved by MCRC .
4. If Engineer determines a complete/effective kill is not achieved with initial application, the Contractor will be required to re-treat until complete/effective kill is achieved at no cost to the Owner.

### **QUALIFICATIONS:**

The bidder must be specially trained and licensed through the Michigan Department of Agriculture, properly insured (\$2 million liability) and experienced in this work (3 year minimum). A Certificate of Insurance must be included with the bid. Bidders MUST be willing to address and respond to, in a timely manner, any citizen complaints regarding the program. Contractor must have the ability to track with GPS the location of and provide a corresponding map of the locations of all Phragmites treated. MCRC will use the contractor provided map to field check effectiveness of the application. A daily spray log including date/weather/locations/gallons/etc. must be turned in to MCRC weekly for review.

### **GUIDE LINES:**

- A. Brush and low hanging limbs are to be sprayed as follows:
  1. To the generally established tree line.
  2. Through ditches, including the back slopes.
  3. If no generally established tree line exists, or if no ditch exists, then spray no further than 10 feet from the traveled way or 12 feet high.
  4. Only the fore slope of county drain type ditches.
- B. "NO SPRAY PERMIT" and signs are to be honored.
- C. Material is to be handled in accordance with state and federal regulations. Material safety data sheets must be supplied by contractor.

Work maps have been prepared. For any questions regarding the maps or "No Spray Permit", contact Sam SanMiguel at 989-687-9060.

1. To spray all primary and local roads in the north half of Midland County. Townships include: Warren, Geneva, Edenville, Jerome, Hope, Lincoln, Mills, and Larkin.

Contractor, while spraying, shall at all times, exercise extreme care to prevent damage to residential plantings, vegetable or flower gardens or to any susceptible farm crops or other desirable plants adjacent to the roadside. Contractor shall have the right to shut off the spray at any time he may feel the application of spray materials might cause such damage.

### **FINAL ACCEPTANCE**

A review of all spray locations will be conducted after "green up" the spring following the treatment season by the Contractor and Engineer. Areas identified as ineffective treatment will be required to be re-treated by the Contractor at no cost to the Owner. After such re-treatment a warranty period will be agreed upon by the Contractor and Owner. Partial acceptance may be granted as a release of a portion of the retainage, full release of the retainage will follow final acceptance.