

# **REQUEST FOR BIDS**

## **FY 2016 LOCAL STREETS ASPHALT REPAIR**

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Department of Public Services

1015 S Lincoln Avenue

Three Rivers, MI 49093

(269) 273-1845

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# Bidding Information

The City of Three Rivers is committed to the concept of performance bids. All vendors are encouraged to submit bids which conform to the stated specifications, as well as, suggest deviations from the specifications, which in the vendor's opinion would be beneficial to the City in terms of price and performance. The City reserves the right to accept or reject any bid under these terms.

## *I. Instructions*

- A. Bids must be typewritten or clearly printed in ink and signed by a duly-authorized representative of the firm submitting the quote.
- B. Bids must be submitted in sealed envelopes, clearly marked on the outside, "**Bids for FY 2016 Local Streets Power Patching**".
- C. Bids will be received by the Office of the City Clerk, City Hall, 333 West Michigan Avenue, Three Rivers, Michigan, 49093, until **2:00 p.m. local time, Wednesday, September 9, 2015**. All bids will be date stamped and time marked when received.
- D. Faxed or emailed bids shall not be accepted.
- E. If you received this document from our website, please fax your contact information to 269-273-1042 so we can place you on the bidders list for addenda.

## *II. Conditions Applicable to Bids*

- A. Applicable Laws: The Ordinances and Charter of the City, and laws of the State of Michigan concerning competitive bidding, contracts and purchases will be employed.
- B. Taxes: The City of Three Rivers is generally exempt from Federal Excise and Michigan State Sales Tax. Prices should not include tax.
- C. If the bidder elects to deviate from the specifications stated, all exceptions or other changes must be clearly noted.
- D. The City reserves the right to reject any and all bids, waive informalities or defects in bids, or accept such bids as it shall deem to be in the best interest of the City of Three Rivers.
- E. The City does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services.
- F. The Contractor shall provide proof of Liability and Workman's Compensation Insurance and a completed W-9 form with this bid. The Contractor shall be MDOT pre-qualified for pavement.
- G. The successful bidder shall provide the City with a copy of this liability insurance policy in the amount of \$2,000,000 (Two million Dollars) which names the City of Three Rivers as second insured.
- H. Anticipated award is at the **September 15** Commission meeting. Final completion of this project shall be no later than **October 31, 2015**.

### *III. General*

#### *References*

All materials, equipment and traffic control measures shall conform to the current Michigan Department of Transportation (MDOT) “Standard Specifications for Construction” and MDOT “Manual of Uniform Traffic Control Devices” as well as the latest edition of the “American Society of Testing Materials” (ASTM).

#### *Scope*

This project will include various locations and sizes of “dump and roll” patching. The dump and roll work will include prepping the location, including cleaning loose and foreign material from the area, placing tack coat on the area, dumping asphalt over the necessary patch area, and rolling the asphalt patch of a minimum 1” CIP.

At most locations this patch is intended to create a smooth driving surface over an existing rough and potholed roadway.

#### *Measurement and Payment*

The measurements which shall be used for payment are listed on the included bid form.

The measurement basis is the square foot of each location and shall include all work required to provide a finished patch at that location.

#### *Traffic Control*

The Contractor shall not allow traffic on the pavement until it is sufficiently cured to prevent surface damage. The Contractor shall repair any damage by traffic to the pavement at no expense to the City of Three Rivers.

The contractor shall work closely with the City to coordinate all work in the roadway.

#### *Timing Limitations*

All roadways receiving patch shall remain one-lane passable during the work. Where this is not possible, flagging or other means of traffic detour shall be provided.

## **Specifications for Asphalt Repair**

### **PART 1 GENERAL**

#### **1.01 SCOPE**

- A. This Section includes preparation of the existing surface to conform to the new pavement patch.

#### **1.02 SUBMITTALS**

- A. Submittals shall include:
  - 1. Information for the Record:
    - a. Delivery tickets from the asphalt supplier shall be given to the City. Tickets shall include (as a minimum) name of source, date, type of material, and weight.

### **PART 2 PRODUCTS**

#### **2.01 ASPHALT EMULSIONS**

- A. The bond coat material shall be SS-1h or CSS-1h, and shall meet the requirements of MDOT Table 904-3 and 904-4.

## 2.02 BITUMINOUS AGGREGATE BASE AND ASPHALT CONCRETE

- A. Bituminous Material - The asphalt cement shall be PG 58-28 performance grade (Design Temperature) and shall meet the requirements of MDOT Table 904-1.
- B. Design Mix - Refer to MDOT Special Provision 03SP501(H) for Mixture Numbers.
  - 1. The wearing course shall meet the requirements of MDOT Division 5, Mixture No. 36A.

## PART 3 EXECUTION

### 3.01 PAVEMENT INSTALLATION

- A. All construction shall be in conformance with applicable portions of MDOT Specifications, except as otherwise specified or called for herein.
- B. A bond or coat at a rate of 0.05 to 0.15 gallon per square yard shall be applied to all existing pavements which are to be overlaid, and between subsequent courses when directed by the City.

### 3.02 TRANSITION JOINTS FOR BITUMINOUS CONCRETE PAVEMENT OVERLAY

- A. Types of Transition Joints:
  - 1. Feathered Joint:
    - a. Feathered joints shall be constructed by manually raking the paving material to a smooth transition from the full depth material to the existing pavement surface.
    - b. Existing pavement surface shall be bond-coated to include the transition area.
    - c. Feathering shall be done by a workman skilled in the operation and shall be approved by the City.

### 3.03 INSPECTION

- A. Laboratory services shall be as detailed below:
  - 1. Asphalt Concrete:
    - a. Plant Certification - The laboratory shall certify or furnish recent certification (within one year) from MDOT that the plant meets State requirements.
    - b. Plant Inspection - For the first day of production and for every day when more than 100 cubic yard of material is being delivered to the project, the laboratory shall provide a representative at the plant who will inspect the plant, make mix design adjustments, check the temperature, and take the required samples.
    - c. Quality Control Testing - A sample of the mix shall be taken for each 200 cubic yard of bituminous material or fraction thereof delivered to the project. An extraction test AASHTO T164-70 and a mechanical analysis AASHTO T30-70 shall be performed on the mix samples.
    - d. Bituminous Material - Provide a satisfactory certificate furnished by the manufacturer stating that the materials conform to MDOT Specifications, Table 904-1, 904-2, or 904-3 as required.
    - e. Mix Designs - The laboratory shall design the plant mixes in accordance with the Marshall Method of Mix Design (ASTM D-1559) and shall make all mix design adjustments.

### 3.04 PROTECTION

- A. No heavy construction vehicle shall operate on any pavement after it has been installed.
- B. Traffic shall be prohibited on newly installed pavement until it has cooled sufficiently to avoid marking.

C. Asphalt Pavements:

1. Bituminous mixtures shall be transported and placed in accordance with MDOT Section 502.03.

## **Bid Form**

The undersigned having familiarized themselves with the local conditions affecting the cost of the work and the Contract Documents hereby proposes to provide and furnish all labor, materials, necessary tools, equipment, utility and transportation services necessary to perform and complete all work required for the project in accordance with the specifications as prepared by the Department of Public Services, City of Three Rivers, Michigan, for, including Addenda No. \_\_\_\_\_ issued thereto, the following unit prices:

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_

SIGNATURE \_\_\_\_\_ TITLE \_\_\_\_\_

TELEPHONE \_\_\_\_\_ DATE \_\_\_\_\_

### **Local Streets Asphalt Repair**

<b>Item No.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total Price</b>
1	Canal St - 7th St to 14th St	18000	SF		