

ROAD WORK PROPOSAL

TOWN OF ROME, ADAMS COUNTY

TYPE OF WORK: CRACK FILL AND FA-2 CHIP SEAL Twin lakes Trail and 16th Avenue

Bids are due on: Thursday, February 10th at 11:00 am

This proposal, submitted by the undersigned bidder to the Town of Rome, is in accordance with the advertised request for proposals. The bidder is to furnish and deliver all materials, and to perform all work for the improvement of the designated project in the time specified, in accordance with the appended Proposal Requirements and Conditions.

Proposal guaranty required, \$_____ (*attach proposal guaranty or bid bonding equal to 5% of bid*).

Payable to: Town of Rome
1156 Alpine Drive
Nekoosa, WI 54457

All bids for public works projects shall be accompanied by a certified check or a bid bond equal to at least 5% of the bid, payable to the Town of Rome, as a guarantee that if the bid is accepted the bidder will execute and file the proper contract and bond within the time established by the Town. If the successful bidder files the contract and bond, upon the execution of the contract by the Town, the check shall be returned. In the event the successful bidder fails to file such contract and bond, the amount of the check or bid bond shall be forfeited to the Town as liquidated damages.

This certifies that the undersigned bidder, duly sworn, is an authorized representative of the firm named above; that the bidder has examined and carefully prepared the bid from the plans, specifications and the Town road construction ordinance and has checked the same in detail before submitting this proposal or bid. The bidder or agents, officer, or employees certify that they have not, either directly or indirectly, entered into any agreement, participated in any collection, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Subscribed and sworn to before me this date: _____

Signature, Notary Public

Bidder Signature

Print Name, Notary Public

Print Bidder Name

Date Commission Expires

Bidder Title

CRACK FILL AND FA-2 CHIP SEAL 16th Avenue and Twin Lakes Trail

Scope of work: This work shall consist of routing and sealing any open cracks, over band any previously sealed cracks and all traffic control.

Twin Lakes Trail from Anima Court to Apache Avenue approximately 4335' x 22.5'

16th Avenue from Twin Lakes Trail to Apache Avenue approximately 1825' x 22.5'

Completion date shall be July 1, 2022. A penalty shall be imposed of \$500.00 for each day beyond completion date that the project is completed. The contractor may apply to the Town Board for a waiver of such penalty if the delay was the result of unexpected, extraordinary weather conditions, or other conditions that were out of the contractor's control.

SPECIFICATIONS FOR JOINT AND CRACK SEALANT

1. Description: The work shall consist of routing, cleaning, and sealing of random cracks and existing transverse and longitudinal joints.
2. Material:
 - A. The material used must be a premium quality Rubber Asphalt joint Sealer. The sealer must exceed the minimum ASTM D 6690 specification for Hot Pour Rubber Asphalt Joint Sealants and contain a minimum of 38% rubber content.
 - B. The sealant shall be in manufacturer's original sealed containers. Each container shall have the manufacturer's name, batch number, and manufacturer's recommendation for melting and application.
3. Equipment:
 - A. A minimum of two routers will be required; the routers must be a minimum of 24 H.P. using star wheel carbide tipped router blades attached to a main cutting head. It must have in-line wheels and cutting head capable of following random cracks. It must have an automatic depth control to insure consistent and accurate routing depths.
 - B. Two (2) air compressors will be required. They must be of sufficient size to maintain air pressure of 120 PSI and provide moisture and oil free compressed air. One (1) compressor shall be used with an air wand to blow out the crack and clean off the road. The second shall be used with the heat lance. Note that one compressor may be used if sufficient size to run both air wand and heat lance at the same time.
 - C. The kettle used for heating the sealant must be an oil jacketed double boiler type melting unit which is equipped with both agitation and recirculation systems. It must have separate temperature thermometers for both the oil bath and melting vat to insure proper temperature for the sealant. It must be equipped with a pump to pressure fill cracks with a wand applicator.

4. Construction Method: All cracks and joints must be routed to a minimum of a 1 1/4" wide X 5/8" deep. Cracks shall be blown out with 120 PSI compressed air. The road surface shall also be blown off at this time to clear it of any routed debris. Using the second compressor the cracks shall be blown out using a heat lance. All cracks shall be pressure filled by a wand applicator from the bottom up. They shall be slightly over-filled and squeegeed to create an over band 1" wide on each side of the routed reservoir.
5. Traffic Control: This project shall be kept open to traffic at all times. The contractor shall conduct his operations in a manner that will cause the least interference to traffic movements. The minimum number of vehicles of the contractor, there suppliers and there employees necessary for the protection of the work shall be permitted to park at the various work sites for the minimum time necessary for the performance of the work.

SPECIFICATIONS FOR FA-2 CHIP SEAL

1. Description: The work shall consist of bituminous seal coating with stone cover aggregate. The work shall be done in accordance with Section 475, 2014 Edition, State of Wisconsin Department of Transportation "standard Specifications for Highway and Structure Construction".
2. Materials: Materials furnished and used in the work shall conform to the requirements of Section 475.3, and document of bill of lading of Hardrock Chip.

Bituminous Material: The bituminous material to be furnished and applied shall be CRS-2P (Polymer-modified) emulsion. The emulsion shall be applied at a rate of 0.30 +/- .03 gallons per square yard. The bitumen shall be applied at the appropriate temperature for the particular grade.

Cover Aggregate: The cover aggregate shall meet the requirements of the sieve specifications, and conform to the following sieve size:

<u>Sieve Size</u>	<u>Percent Passing</u>
½ inch	100%
3/8 inch	100%
¼ inch	100%
No. 4	0-100%
No. 8	0-45%
No. 16	0-15%
No. 50	0-7%
No. 100	0-4%
No. 200	0-2%

The aggregate shall be applied at the rate of 20 +/- 3 pounds per square yard. The Contractor shall take all precautions to minimize contamination of the aggregate.

- A sample of the aggregate must be provided to the Town of Rome before project is awarded.

3. Construction methods

- **Equipment:** The contractor shall have available and maintain in good working order the equipment and tools necessary to perform the work.
- **Surface Preparations:** Immediately prior to applying the asphaltic materials, the Contractor shall thoroughly clean the existing surface of all loose material, silt spots, vegetation, and other objectionable material. Dust and other loose material in depressions or other places not reached by mechanical sweepers shall be swept with hand brooms or by blowers or flushers. Particular care shall be taken to thoroughly clean the outer edges of the area to be sealed. All costs associated with preparing existing surfaces as described above shall be included in the bid price for Constrict Chip Seal Surface.
- **Applying Asphaltic Materials:** A pressure distributor shall be used for applying the asphalt material. It shall have a ground speed control device inter connected with the asphalt emulsion pump such that the specified application rate will be supplied at any speed. The pressure distributor shall be capable of maintaining the asphalt emulsion at the specified temperature. The spray bar nozzles shall produce a uniform fan spray, and the shutoff shall be instantaneous, with no dripping. Each pressure distributor shall be capable for maintaining the specified application rate. Means shall be provided for accurately indicating the temperature of the asphalt material at all times. The thermometer well shall not be in contact with a heating tube. Application will be with full width equipment capable of applying 24' without a center seam. A hose and spray nozzle attachment shall be provided for applying asphalt material to patches and areas inaccessible to the spray bar. The distributor shall be provided with heaters that can be used to bring the asphalt material to spray application temperature
- **Applying Sealcoat Aggregate:** After application of the asphaltic material and when the desired stage of tackiness is attained, aggregate for seal coat cover shall be spread uniformly over the treated surface by approved self-propelled mechanical full width spreader capable of applying aggregate 24' without a seam.
- **Rolling of Aggregate:** Immediately after spreading the aggregate, the surface shall be rolled. Rolling shall start at the edges and continue to the center, lapping one-half the roller width on each successive trip. Rolling shall be accomplished with two pneumatic-tire rollers. The speed and reversing of direction of rollers shall be regulated as to avoid displacement or loosening of the cover material or damage to the asphaltic material. Rolling shall be continued until the aggregate for seal coat cover is thoroughly embedded and the surface is smooth and uniform in texture.
- **Sweeping:** The contractor will sweep the roads after application, rolling and giving traffic ample time to further embed the material.
- **Traffic:** The contractor shall proceed in such a manner as to interfere with traffic as little as possible. The Contractor shall provide flagmen to direct traffic on streets where travel will be restricted.

4. Insurance: No contractor shall commence work under this contract until they have obtained all insurance required under this paragraph.

General Liability

\$2,000,000 General Aggregate
\$2,000,000 Products
\$1,000,000 Personal and Advertising
\$1,000,000 Each Occurrence
\$50,000 Fire Damage
\$5,000 Medical Expense

Worker's Compensation and Employer's Liability

\$100,000 each accident
\$500,000 Disease-Policy limit
\$100,000 Disease-each employee

Automobile Liability

\$1,000,000 Combined Single Limit

Property Damage

\$1,000,000 Property Damage

Umbrella Liability

\$2,000,000 Minimum Limit Each Occurrence
\$2,000,000 Aggregate Limit
\$10,000 Maximum Self Retention

6. Performance Bond: The prime contractor shall provide the Town with a payment and performance bond in the amount of contracted price Section 779.14 (1) (s) Wis. Stats. An irrevocable letter of credit may be substituted for payment in lieu of payment and performance bond.
7. Subcontractor: If the contract price exceeds \$30,000 as indexed in Section 779.25 (1) (s) Wis. Stats., the prime contractor agrees, to the extent practicable, to maintain a list of all subcontractors, suppliers and service providers performing, furnish or procuring labor, services, materials, plans, or specification under the contract. (Sec. 779.14 (1e) (b) Wis. Stats.)

The Town of Rome may direct payment to subcontractors or may pay the prime contractor with checks that are payable to the prime contractor and to one or more subcontractor Section 779.14 (1m) (d) Wis. Stats.).

8. Liability: The prime contractor shall be solely responsible for all liability associated with the contractor's performance of the project. The prime contractor agrees to indemnify the Town of Rome for any liability that may be imputed to the Town associated with the prime contractor's performance of the project.

Other requirements:

By submitting a bid for this project, the prime contractor agrees to do the following:

- a. Pay all claims for labor, service, materials, plans, or specifications performed, furnished, procured, used, or consumed that pertain to the public work Section 779.14 (1e) (a) Wis. Stats.)
- b. Comply with all requirements of Chapter 320 Streets and Sidewalks of the Town of Rome Code as well as any applicable federal and state regulations.
- c. Perform work on the project in a safe, good and workmanlike manner.

9. Methods of payment: The bid price for Constructing Chip Seal Surface shall include all costs associated with furnishing, preparing, hauling, mixing, and applying all materials.

Crack Fill and FA-2 Chip Seal on Twin lakes Trail and 16th Avenue

Source of FA-2 Aggregate _____

Gallons of CRS2-P _____ Tons of Chips _____

Type of Crack Filler _____ Quantity of Crack Filler _____

TOTAL BID \$ _____

The Town of Rome reserves the right to alter the tonnage based on budgetary or other constraints.

The Town reserves the right to reject any and all proposals and to accept the proposal most advantageous to the Town, even if that proposal is not the lowest in cost. All proposals will become the property of the Town of Rome and are subject to Wisconsin Open Records Statutes. Any and all costs incurred in preparing and submitting a response for estimate are the sole responsibility of the submitting firm.

