

Town of Elk Mound

CHIP SEAL SPECIFICATIONS

DIVISION 1000 – SPECIAL PROVISIONS

1000.1 – DESCRIPTION OF WORK

Work under this contract will consist of applying asphaltic material, with an aggregate cover, on approximately 7.81 miles of township roads. All chip sealing on the listed roads will include intersection radius fillets, as marked by the township. Bid award will be provided to one Contractor for all roads listed on the bid form. All alternates bids will be rejected.

1000.2 – STREET LOCATIONS

The chip seal application is planned for the roads identified on Appendix “A”, which are subject to change as conditions may warrant. Prospective bidders are encouraged to view the roads to be sealed prior to bidding to verify lengths, widths, and conditions that will affect the costs of their work and to assure familiarity with the local conditions affecting the work specified herein.

It is the intent of the town to keep the estimated quantity of square yards of seal coating approximately the same; however, budget limitations may require a reduction. The town reserves the right to increase or decrease the quantity in any amount without a change in the unit price bid.

1000.3 – PROJECT MANAGEMENT, INSPECTIONS AND TESTING.

The town board will assign a project manager to administer inspections of work, material testing, schedule adherence and to record material quantities. The Contractor shall keep the project manager informed of future construction operations to facilitate scheduling of inspections, confirm and test application rates, and to verify final quantities. Failure of the Contractor to provide such notice shall relieve the town from and responsibility for extra costs or delays caused by such failure.

Inspection of the work and materials by the town shall not relieve the Contractor of the obligation to fulfill the requirements of the contract. Work and materials not meeting such requirements shall be made good and unsuitable work or materials may be rejected, notwithstanding that such work or materials have been previously inspected by the town.

1000.4 – NOTICE TO PROCEED

The Contractor will receive a notice to proceed from the Town of Elk Mound once the town has finalized acceptance of the Contractor's bid documents and proof of insurance has been provided by the Contractor to the town.

The Contractor shall coordinate with the town project manager, prior to moving onto the job site, to assure that all notices have been given and roads are ready to receive the seal coat application. The Contractor shall give 48 hours' notice prior to beginning operations.

1000.5 – TIME OF COMPLETION

All work shall be completed no later than September 17, 2021. Extension of this date is only permitted after review by the town project manager based upon work schedule and weather conditions.

The Contractor shall submit a project schedule showing start date and final completion date. The schedule should also show what roads are going to be completed on which days. Weather delays will be considered when adjusting the project schedule

1000.6 – LIMITATION OF OPERATIONS

Working hours under this contract are permitted to be Monday through Friday between 6:00 am and 8:00 pm. As the summer work season progresses, the start and end time of the workday must be adjusted to accommodate that all work to be completed within the hours of the day that provide suitable daylight to promote the safety of construction crews and the users of the road. Saturday work will be permitted with a 24-hour notice and the approval of the project manager.

1000.7 – ROADWAY PREPARATION

The Contractor shall be responsible for preparing the road surface to be sealed, which will include the removal of debris, including dirt, vegetation, and all required sweeping prior to the surface treatment.

1000.8 – BITUMINOUS MATERIAL

The bituminous material used for chip seal shall be “Hot Applied” MAC-5 oil. The contractor is responsible for providing application rates on each roadway section as outlined on the chip seal bid form.

Proposed alternate bituminous material is permitted to accompany Town of Elk Mound specifications as a separate line item. The town board reserves the authority to accept or reject any or all alternates at the final bid award.

1000.9 – AGGREGATE FOR SEAL COAT

The aggregate used to cover the asphaltic material shall be 3/8" hard rock chip dark colored granite, 100% fractured meeting the following gradation of a modified FA3:

3/8" Hard Rock, Washed Chip

<u>Sieve Size</u>	<u>% Passing</u>
1/2"	100
3/8"	88-100
1/4"	40-70
#8	0-5
#200	0-5

Limestone or dolomite chips will not be considered acceptable for this project.

1000.10 – EQUIPMENT FOR SEALCOAT

Rollers shall be self-propelled pneumatic-tire rollers. Complete the initial rolling within 2 minutes after applying the aggregate at a speed no greater than 5mph to prevent turning over aggregate. Make at least three complete passes over the aggregate. Roll the aggregate so the entire width of the treatment area is covered in one pass by all the rollers.

1000.13 – FINAL SWEEPING

The Contractor shall be responsible for any final sweeping and disposal of excess chips as requested by the Town of Elk Mound.

1000.14 – FIELD SUPERVISION

The Contractor shall provide a knowledgeable Superintendent or Foreman on the job site at all times during the work.

1000.15 – TRAFFIC CONTROL

The Contractor shall coordinate the work with the town project manager. The Contractor shall employ all safety measures, including flashers, barricades, etc., to maintain the work sites in a safe condition for motorists, pedestrians, and workers.

The Contractor shall provide flaggers, as needed for traffic control purposes in compliance with the requirements of the MUTCD – Part 6, Temporary Traffic Control. Any street closures or detours shall be coordinated with the town project manager.

The Contractor shall be responsible to post appropriate "No Parking" signs as required prior to the sealcoat application.

1000.16 - GUARANTEE

The Contractor, by executing the contract documents, warrants and guarantees the materials and workmanship for a period of one (1) year from the date of completion and acceptance by the township. The Contractor shall repair any cracking or flashing/bleeding of the seal coat application which may develop.

1000.17 – CONDUCT OF WORK

Asphaltic material shall only be applied when the air temperature is 60 degrees F. or higher, the surface is dry, and in proper conditions to receive the seal. Materials shall not be applied when the weather or surface conditions are unfavorable or are expected to become unfavorable during the time when work would be in progress. Emulsions shall not be placed when rain is predicted or is apparent to occur within two (2) hours of the application. Under no circumstances shall the operations proceed in such a manner that the asphaltic material will remain uncovered for more than one (1) minute so as to set-up or dry-out to an extent that will impair retention of aggregate. All surfaces on each street, including radii fillets must be completed before moving to the next street on the list.

1000.18 – AUTHORITY TO SUSPEND WORK

The town project manager shall have sole and final authority to suspend work operations and may grant extensions of the time required to complete the work.

1000.19 – METHOD OF MEASUREMENT AND PAYMENT

The contract square yard unit price for bituminous chip seal includes the cost of providing and applying the material as required by the specifications. The project manager will measure the chip seal by area of pavement surfaced. The final payment for chip seal will be determined by multiplying the unit price by total square yards surfaced as measured by the town project manager or their designee.

1000.20 – Submittals

Aggregate- A sample of the aggregate proposed for use shall be furnished to the town project manager for approval, prior to application. The proposal form shall state the source and description of the aggregate. Samples of the aggregate used may be taken by the inspector throughout the course of the project to be tested and measured.

Appendix "A" - 2021 Town of Elk Mound Chip Seal Bid Form

Contractor: _____

Submitted by: _____

Contractor Company Information

Name _____
 Address _____
 City/State _____
 Phone _____
 Email _____

Contractor Contact Information

Name _____
 Address _____
 City/State _____
 Phone _____
 Email _____

Area of Township	Street	From	Toward	Approximate Length (ft.)	Approximate Width (ft.)	Oil Application Rate (Gallons / Sq.Yd.)	Rock Application Rate (Pounds / Sq.Yd.)	Square Yard Unit Price	Total Bid
South East	490th Ave.	2,600 ft. East of City. Rd. H	East Town Line	8,026	22	_____	_____	\$ _____	\$ _____
South Central	862nd St.*	530th Ave.	North End	750	20	_____	_____	\$ _____	\$ _____
East	530th Ave.	970th St.	1010th St.	5,230	22	_____	_____	\$ _____	\$ _____
	560th Ave.	970th St.	1010th St.	3,907	22	_____	_____	\$ _____	\$ _____
	590th Ave.	970th St.	1010th St.	5,280	22	_____	_____	\$ _____	\$ _____
	1010th St.	HWY 29 Frontage Rd.	690th Ave.	10,560	22	_____	_____	\$ _____	\$ _____
North Central	938th St.	690th Ave.	950th Ave.	1,373	20	_____	_____	\$ _____	\$ _____
	950th St.	690th Ave.	938th St.	1,795	20	_____	_____	\$ _____	\$ _____
	957th St.*	690th Ave.	North End	950	20	_____	_____	\$ _____	\$ _____
Central	912th St.*	906th St.	South End	660	20	_____	_____	\$ _____	\$ _____
	918th St.*	906th St.	South End	670	10	_____	_____	\$ _____	\$ _____
	639th Ave.*	912th St.	East End	2,062	10	_____	_____	\$ _____	\$ _____

* Indicates cul-de-sac or center islands on roadway

Bid Package Total: \$ _____