

Rural Municipality of Eldon No. 471
Accepting Tenders for Gravel Crushing and Stockpiling

The R.M. of Eldon No. 471 is accepting sealed tenders for gravel crushing and stockpiling to be completed on or before June 15, 2024. We require:

- 10,000 cubic yards of 3/4" gravel and 15,000 cubic yards of 1 1/4" gravel in a pit located at NW 22-50-24-W3;
- 10,000 cubic yards of 3/4" gravel and 15,000 cubic yards of 1 1/4" gravel in a pit located at NE 6-47-24-W3;
- 10,000 cubic yards of chip seal product in a pit located at NW 22-50-24-W3
- Minimum 24" crusher jaw
- The contractor to provide daily quality control sieve results performed by a qualified materials testing agency to ensure that the gravel is meeting the specified gradation. See attached charts for gradation details
- Elimination sand required to be consolidated in piles as directed by the municipal Foreman
- Use of telestacker
- First crush must occur at NW 22-50-24-W3

Each tender shall include the following information:

- Total bid price with a separate breakdown of all costs associated with your total crushing price including:
 - Cost of crushing Type 106 (3/4" gravel)
 - Cost of crushing Type 103 (1 1/4" gravel)
 - Cost of crushing Type 95 (chip seal product)
 - Elimination Sand (reject material)
 - Daily sieve analysis
 - Mobilization (if applicable)
- Sieve analysis, applicable taxes, and any other charges must be listed separately but must be included in the total bid price.
- a copy of letter of good standing with Sask. WCB;
- a list of equipment/machinery that will be used and insurance coverage for the equipment/machinery;
- crush to the municipality's specifications. For 3/4" gravel, the municipality specification is Saskatchewan Ministry of Highways and Infrastructure gradation Type 106. For 1 1/4" gravel, the municipality specification is Saskatchewan Ministry of Highways and Infrastructure gradation Type 103. For chip seal product, the municipality specification is Saskatchewan Ministry of Highways and Infrastructure gradation Type 95. Specifications may be changed by the R.M. of Eldon No. 471 during crushing depending on amount of fines in sieve results;
- nine copies of the bid details and any additional information

The R.M. of Eldon No. 471 will select and hire a 3rd party to measure the piles after gravel is crushed and pay based on cubic yards measured by the 3rd party only.

Sealed tenders must be received by the R.M. of Eldon No. 471 on or before February 13, 2024, at 12:00 Noon MST at the following address:

R.M. of Eldon No. 471
212 Main Street
Box 130
Maidstone, SK S0M 1M0

The lowest or any tender may not necessarily be accepted and Council reserves the right to reject any and all tenders.

Inquiries may be directed to Jeremy Nelson (306) 903-8060.

4300.1 DESCRIPTION

4300.1.1 The Work shall consist of crushing and stockpiling traffic gravel.

4300.2 MATERIALS

4300.2.1 The aggregate shall be composed of sound, hard and durable particles of sand, gravel and rock free from injurious quantities of elongated, soft or flaky particles, shale, loam, clay balls and organic or other deleterious material.

4300.3 CONSTRUCTION

4300.3.1 Traffic gravel shall be processed in accordance with Specification 3200 For Processing Aggregate.

4300.3.2 Traffic gravel shall comply with the requirements listed in Table 4300.3.T1:

Table 4300.3.T1 - Traffic Gravel Properties

Sieve Designation	Percent by Weight Passing Canadian Metric Sieve Series							
	Type							
	101	102	103	104	105	106	108	109
75.0 mm	100							
50.0 mm	55-85	100						
40.0 mm		63-92						
31.5 mm			100	100				
22.4 mm			63-92	63-92	100	100	100	
18.0 mm					63-92	63-92	63-92	100
5.0 mm	0-40	0-40	0-40	40-70	0-40	0-60	40-70	45-80
2.0 mm	0-25	0-25	0-25	20-45	0-25	0-45	20-45	25-60
400 µm				0-20			0-20	0-30
Fractured Face %	50.0	Minimum						

4300.3.2.1 A tolerance of 3% in the percent by weight passing the maximum size sieve will be permitted providing 100% of the oversize passes the next highest sieve size. For Type 101 Traffic Gravel the next highest sieve size shall be 100.0 mm.

4300.4 MEASUREMENT

4300.4.1 Traffic Gravel will be measured in tonnes to the nearest 0.1 of a tonne.

Section: CONSTRUCTION MATERIAL STANDARDS

Subject: SEAL COATS

Table 320-04-2. Seal Coat Aggregate Types.

Sieve Designation	Seal Coat Aggregate Type					
	94	95	116	117	118	119
	4210 - April 1997					
	Percent Passing (by weight)					
50 mm						
40 mm						
37.5 mm						
31.5 mm						
25 mm						
22.4 mm						
18 mm						
16 mm						100
12.5 mm	100		100	100	100	
9 mm		100				
5 mm	0 - 40	0 - 40	45 - 75	35 - 70	25 - 65	45 - 70
2 mm	0 - 25	0 - 25	25 - 50	20 - 55	10 - 45	25 - 55
900 µm						
400 µm			15 - 30			
160 µm						
71 µm	0 - 5	0 - 5	5 - 10	0 - 10	0 - 6	0 - 10
Plastic Index						
Fractured faces %	Min 70	Min 70				
Lightweight pieces %						
Sand Equivalent			Min 45	Min 45	Min 45	Min 45

NOTES

1. When a double seal coat is required, Type 119 aggregate should be used to construct the first seal with Type 117 aggregate used to construct the second seal.
2. Type 117 aggregate should primarily be used as repair seal aggregate on paving projects as outlined in SM 340-01, Stockpile Standards.
3. Type 119 aggregate should primarily be used on roads with large truck volumes and low car traffic.