

Publish: February 9th, 2024 & February 23rd, 2024

NOTICE TO BIDDERS

Notice is hereby given that the Lake County Commission will receive sealed bids for the following materials or services at the office of the Lake County Auditor, 200 East Center St. Madison, SD 57042, until 10:00 am on the 1st day of March 2024. All bids must be mailed or delivered to the above address. At 10:30 am, all bids will be publicly opened and read in the commission room.

Sealed bids for the following materials or services are requested:

- 1. Liquid Asphalt**
- 2. Asphalt Patching Material**
- 3. Red Crushed Quartzite Chips**
- 4. 3/8 Pea Rock**
- 5. Rip-Rap (Class B red rock) or (Class C Field Stone)**
- 6. Polypropylene Culverts**
- 7. Road Sealant & Rubberized Mastic Sealant**
- 8. Ice Sand**
- 9. Aggregate Base Stabilizer**
- 10. Vehicle Engine Oils**
- 11. Milling/Reclaiming**
- 12. Equipment Rental**

Plainly mark on the outside envelope “Liquid Asphalt”, “Asphalt Patching Material”, “Red Crushed Quartzite Chips”, “3/8 Pea Rock”, “Rip-Rap (Class B red rock) or (Class C Field Stone)”, “Polypropylene Culverts”, “Road Sealant & Rubberized Mastic Sealant”, “Ice Sand”, “Aggregate Base Stabilizer”, “Vehicle Engine Oils”, “Milling/Reclaiming”, “Equipment Rental”.

Specifications for the above items may be obtained at the office of the Lake County Highway Department and on the Lake County website at www.lake.sd.gov.

The Commissioners reserve the right to reject any or all bids.

By order of the Board of Lake County Commissioners.

/s/ Paula Barrick

Lake County Auditor

PUBLIC NOTICE PUBLISHED TWICE

@ THE TOTAL APPROXIMATE COST OF \$_____.

LIQUID ASPHALT BID SPECIFICATIONS

Liquid Asphalt:

Item 1: Cut-back oils: MC70, MC250-(1) Load and MC3000

Item 2: Emulsions Oils: CRS 2P

Item 3: CSS-1h

Item 4: Water

1. Price per ton in transport load to be delivered F.O.B as needed to location designated in Lake County. County will sealcoat approximately 20 miles.
2. Lake County will have 2 hours to unload trucks before demurrage charges start. Demurrage rate cost per hour must be included on the bid.
3. Oil must be delivered at application temperature or oil will be rejected at bidder's expense.
4. All oils must meet the current SD Standard Specifications.
5. Bidder must submit a certificate of insurance for a minimum of one million dollars liability insurance.
6. Bid shall be firm and will be effective from 3/1/2024 to 2/28/2025.
7. All bid prices to include any applicable taxes and/or fees.
8. Bidder must sign a Lake County Purchase Agreement.
9. The Notice to Bidders shall be considered a part of these specifications.
10. The Lake County Board of Commissioners reserves the right to accept or reject any or all bids.

PROPOSAL

Item 1: Cut back oils: MC70, MC250-(1) Load and MC3000

Price per ton: _____

Item 2: Emulsions Oils: CRS 2P

Price per ton: _____

Item 3: CSS-1h

Price per ton: _____

Item 4: Water

Price per ton: _____

BIDDER'S INFORMATION:

Name/Title: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone/Email: _____

LIQUID ASPHALT BID SPECIFICATIONS AND PROPOSAL

ASPHALT PATCHING MATERIAL SPECIFICATIONS

1. Bidder must furnish all materials, equipment and labor necessary weigh and place in a County Vehicle or load on to County Equipment as needed.
2. Bidder must provide locations for F.O.B. plants.
3. Bidder must furnish scale.
4. Bidder must submit a certificate of insurance for a minimum of one million dollars liability insurance.
5. Bid shall be firm and will be effective from 3/1/2024 to 2/28/2025.
6. All bid prices to include any applicable taxes and/or fees.
7. Bidder must sign a Lake County Purchase Agreement.
8. The Notice to Bidders shall be considered a part of these specifications.
9. The Lake County Board of Commissioners reserves the right to accept or reject any or all bids.

PROPOSAL

F.O.B. Plant Location: _____

Price per ton: \$ _____

BIDDER'S INFORMATION:

Authorized Agent: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone/Email: _____

3/8" AND 1/2" QUARTZITE CHIPS BID SPECIFICATIONS

1. Bidder must furnish all materials, equipment and labor necessary to crush, weigh and place in a County Vehicle or load on to County Equipment as needed.
2. Bidder must provide locations for F.O.B. plants.
3. Bidder must furnish scale.
4. The quartzite chips must conform to the specifications for 3/8" and 1/2" Quartzite Chips as stated in 2015 Edition of South Dakota Standard Specifications for Roads & Bridges. Section 882-Type 2A & 2B.

881.2 SPECIFIC REQUIREMENTS

REQUIREMENTS	TYPE 1		TYPE 2		
	A	B	A	B	C
Sieve	Percent Passing				
5/8 inch					
1/2 inch					100
3/8 inch	100	100	100	100	0-100
1/4 inch	25-70				0-70
#4	0-25	0-75	0-70	0-60	0-15
#8	0-5	0-30	0-28	0-18	0-5
#40		0-6	0-4	0-4	
#200	0-1.3	0-3.0	0-3.0	0-1.3	0-1.0
Other Properties					
Flakiness Index (max)	30%		30%	30%	30%
Plasticity Index (max)	3	3	3	3	NP
LA Abrasion Loss (max)	40%	40%	40%	40%	40%
Soundness Loss (max)	12%	12%	12%	12%	12%
Crushed Particles (min) + #4 Sieve			50% 2-CF	100% 2-CF	50% 2-CF
Foot Notes		*1	*1	*1	

*1 The plasticity index may be waived if not more than 4% of the material passes the #40 sieve

5. Lake County may require testing material as per specifications, 881.3 sampling and testing, prior to application, which will be at the cost of the Bidder.
6. Method of Measurement and Basis for Payment:
 - a. The quartzite chips must be measured in tons (2,000 lbs) and tenths thereof to the nearest tenth of a ton
 - b. Payment for the quartzite chips will be paid for at the contract unit price per ton stipulated in the proposal which price and payment shall be full compensation for furnishing all labor, equipment, tool and materials required to satisfactorily strip the pits, handle the 3/8" pea rock and waste, crush, load, weigh, and place the 3/8" pea rock in a County vehicle or loaded on County equipment.
7. Bidder must submit a certificate of insurance for a minimum of one million dollars liability insurance.

8. Bid shall be firm and will be effective from 3/1/2024 to 2/28/2025.
9. All bid prices to include any applicable taxes and/or fees.
10. Bidder must sign a Lake County Purchase Agreement.
11. The Notice to Bidders shall be considered a part of these specifications.
12. The Lake County Board of Commissioners reserves the right to accept or reject any or all bids.

PROPOSAL

F.O.B. Plant Location: _____

3/8" Price per ton: \$ _____

F.O.B. Plant Location: _____

1/2" Price per ton: \$ _____

BIDDER'S INFORMATION:

Name/Title: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone/Email: _____

3/8" PEA ROCK SPECIFICATIONS

1. Bidder must furnish all materials, equipment and labor necessary to crush, weigh and place in a County Vehicle or load on to County Equipment as needed.
2. Bidder must provide locations for F.O.B. plants.
3. Bidder must furnish scale.
4. The 3/8" pea rock must conform to Section 881.2, Type 1, Class B Aggregate, 2015 Standard Specifications for Asphalt Surface Treatment Aggregate.

881.2 SPECIFIC REQUIREMENTS

REQUIREMENTS	TYPE 1		TYPE 2		
	A	B	A	B	C
Sieve	Percent Passing				
5/8 inch					
1/2 inch					100
3/8 inch	100	100	100	100	0-100
1/4 inch	25-70				0-70
#4	0-25	0-75	0-70	0-60	0-15
#8	0-5	0-30	0-28	0-18	0-5
#40		0-6	0-4	0-4	
#200	0-1.3	0-3.0	0-3.0	0-1.3	0-1.0
Other Properties					
Flakiness Index (max)	30%		30%	30%	30%
Plasticity Index (max)	3	3	3	3	NP
LA Abrasion Loss (max)	40%	40%	40%	40%	40%
Soundness Loss (max)	12%	12%	12%	12%	12%
Crushed Particles (min) + #4 Sieve			50% 2-CF	100% 2-CF	50% 2-CF
Foot Notes		*1	*1	*1	

*1 The plasticity index may be waived if not more than 4% of the material passes the #40 sieve

5. Lake County may require testing material as per specifications, 881.3 sampling and testing, prior to application, which will be at the cost of the Bidder.
6. Method of Measurement and Basis for Payment:
 - a. The 3/8" pea rock must be measured in tons (2,000 lbs) and tenths thereof to the nearest tenth of a ton
 - b. Payment for 3/8" pea rock will be paid for at the contract unit price per ton stipulated in the proposal which price and payment shall be full compensation for furnishing all labor, equipment, tool and materials required to satisfactorily strip the pits, handle the 3/8" pea rock and waste, crush, load, weigh, and place the 3/8" pea rock in a County vehicle or loaded on County equipment.
7. Bidder must submit a certificate of insurance for a minimum of one million dollars liability insurance.
8. Bid shall be firm and will be effective from 3/1/2024 to 2/28/2025.
9. All bid prices to include any applicable taxes and/or fees.
10. Bidder must sign a Lake County Purchase Agreement.
11. The Notice to Bidders shall be considered a part of these specifications.
12. The Lake County Board of Commissioners reserves the right to accept or reject any or all bids.

PROPOSAL

F.O.B. Plant Location: _____

Price per ton: \$ _____

BIDDER'S INFORMATION:

Name/Title: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone/Email: _____

RIP-RAP (CLASS B RED ROCK) OR (CLASS C FIELD STONE) BID SPECIFICATIONS

1. Bidder must furnish all materials, equipment and labor necessary to crush, weigh and place in a County Vehicle or load on to County Equipment as needed.
2. Bidder must provide locations for F.O.B. plants.
3. Bidder must furnish scale.
4. The Class B Red Rock or Class C Field Stone must conform to the Section 830.1 for Rip Rap Requirements.

RIP RAP

830

830.1 REQUIREMENTS

A. Riprap: Stone for riprap shall be hard and durable and shall have a minimum weight of 155 pounds per cubic foot. Riprap may be ledge rock or field stone. If field stone is utilized for Class C or larger, the stone shall have a minimum of 2 crushed faces as defined under SD 211. Stone shall be free from overburden, spoil, shale, and organic material. The riprap stone shall meet the following gradation requirements:

Riprap Class	Rock Size*¹ in feet	Rock Size in pounds	Percent of Riprap Smaller Than
A	1.30	200	100
	0.95	75	50
	0.40	5	15
B	1.80	500	100
	1.30	200	50
	0.40	5	15
C	2.25	1000	100
	1.80	500	50
	0.95	75	15
D	2.85	2000	100
	2.25	1000	50
	1.80	500	15
E	3.60	4000	100
	2.85	2000	50
	2.25	1000	15
F	4.50	8000	100
	3.60	4000	50
	2.85	2000	15

*¹ Based on a specific gravity of 2.65 and spherical shape.

The riprap class is the median particle weight with 50% of the material smaller and 50% of the material larger.

Each load of riprap shall be well graded from the smallest to the maximum size specified.

B. Testing:

Specific Gravity SD 210

5. Lake County may require testing material as per specifications, sampling and testing, prior to application, which will be at the cost of the Bidder.

6. Method of Measurement and Basis for Payment:
 - a. The rip rap must be measured in tons (2,000 lbs) and tenths thereof to the nearest tenth of a ton
 - b. Payment for rip rap will be paid for at the contract unit price per ton stipulated in the proposal which price and payment shall be full compensation for furnishing all labor, equipment, tool and materials required to satisfactorily strip the pits, handle the rip rap, crush, load, weigh, and place the rip rap in a County vehicle or loaded on County equipment.
7. Bidder must submit a certificate of insurance for a minimum of one million dollars liability insurance.
8. Bid shall be firm and will be effective from 3/1/2024 to 2/28/2025.
9. All bid prices to include any applicable taxes and/or fees.
10. Bidder must sign a Lake County Purchase Agreement.
11. The Notice to Bidders shall be considered a part of these specifications.
12. The Lake County Board of Commissioners reserves the right to accept or reject any or all bids.

PROPOSAL

F.O.B. Plant Location: _____

Price per ton CLASS B RED ROCK: \$ _____

F.O.B. Plant Location: _____

Price per ton CLASS C FIELD STONE: \$ _____

BIDDER'S INFORMATION:

Name/Title: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone/Email: _____

POLYPROPYLENE CULVERT BID SPECIFICATIONS

Polypropylene Culverts

Item 1: 12” to 60” round polypropylene pipe shall meet the requirements of AASHTO M330 Type S (dual wall) or Type D (triple wall)

Item 2: Mar Mac Polyseal coupler 18” and 24”

1. Shipping must be included in the bid price per foot.
2. Culverts must meet AASHTO Designation (American Association of State Highway & Transportation Officials) M330 is Standard Specification for Polypropylene Pipe, 12” to 60” diameter.
3. Bid shall be firm and will be effective from 3/1/2024 to 2/28/2025.
4. All bid prices to include any applicable taxes and/or fees.
5. Bidder must submit a certificate of insurance for a minimum of one million dollars liability insurance.
6. Bidder must sign a Lake County Purchase Agreement.
7. The Notice to Bidders shall be considered a part of these specifications.
8. The Lake County Board of Commissioners reserves the right to accept or reject any or all bids.

PROPOSAL

Item 1: 12” to 60” round polypropylene pipe shall meet the requirements of AASHTO M330 Type S (dual wall) or Type D (triple wall)

Price per foot: _____

Item 2: Mar Mac Polyseal coupler 18” and 24”

Price: _____

BIDDER’S INFORMATION:

Name/Title: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone/Email: _____

ROAD SEALANT AND RUBBERIZED MASTIC SEALANT BID SPECIFICATIONS

Item 1: Mastic One Specifications

CRAFCO[®] INC
PRESERVATION PRODUCTS PAVEMENT
Delivering Confidence Through Innovation, Quality and Value Since 1976
6165 W. Detroit St. • Chandler, AZ 85226
1-800-528-8242 • 1-602-276-0406 • FAX 1-480-961-0513
www.crafco.com

pg # 2
PRODUCT DATA SHEET

MASTIC ONE

PART NO. 33339

READ BEFORE USING THIS PRODUCT

GENERAL Mastic One is a hot applied, pourable, aggregate filled, black color, polymer modified asphalt pavement repair mastic. Mastic One is used for sealing, filling and repairing many distresses in both asphalt concrete and portland cement concrete pavements and bridge deck surfaces that are larger than those typically repaired by crack or joint sealing, but smaller than repairs requiring remove and replace patching procedures. Typical uses include sealing, filling and leveling of wide transverse or longitudinal cracks and joints, filling potholes and utility cuts, localized skin patch repairs, repairs prior to surface treatments, and leveling bridge approaches or faulted areas. When properly applied, Mastic One forms a well bonded, flexible, durable, traffic resistant repair. To use, Mastic One is placed into an appropriate melter (Crafco Patcher I or II), mixed and heated until application temperature is reached, poured into the prepared repair area and then leveled. Mastic One is formulated to provide neat feathered edge installation. Mastic One is then ready for traffic when it has cooled and solidified. VOC = 0 g/l.

PROPERTIES Properties of the binder, aggregate and appropriately blended and heated Mastic One are as follows:

Property	Requirement
POLYMER MODIFIED BINDER	
Cone Penetration, 77°F (25°C) (ASTM D5329)	60 max
Cone Penetration, 122°F (50°C) (ASTM D5329)	120 max
Softening Point (ASTM D36)	200°F (93°C) min
Flexibility (1"[25.4 mm], 180°, 10 sec) (ASTMD3111 modified)	Pass at 32°F (0°C)
AGGREGATE	
Abrasion Resistance (ASTM C131)	35% max
BLENDED PRODUCT	
Flexibility, 32°F (0°C) (PTM 3)	Pass
Adhesion, 77°F (25°C) (PTM 4)	25 PSI (172 KPA) min
Specific Gravity	1.7 – 2.0
Minimum Application Temperature	375°F (190°C)
Maximum Application Temperature	400°F (204°C)

Note: Due to unique properties of Mastic One, modified test procedures are required. Test methods PTM 3, 4 are available from Crafco.

INSTALLATION The density of Mastic One is 116 pcf (+/- 3%) and the weight per gallon is 15.5 lbs/gal (1.86 kg/l) at 60°F (15.5°C). Prior to use, the user must read and follow Installation Instructions for Mastic One to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are available at www.crafco.com and provided with each pallet of Mastic One.

PACKAGING Mastic One can be supplied in either standard cardboard boxes, or in melttable, boxless PLEXI-melt packaging. Each package contains premeasured poly- mer modified binder and aggregate. Both packaging types are labeled in accordance with OSHA and GHS requirements; include Installation Instructions; are sold by net weight; are supplied interlock stacked on 48 by 40 inch 4 -way pallets; can be stored outside; and are covered with a weather resistant pallet cover and 2 layers of UV protected stretch wrap.

Box packaging consists of cardboard boxes containing 40 lb of product with 60 boxes per pallet. Boxes contain a quick melting release film enabling easy removal of product from the box. Boxes are tape closed, without any staples.

PLEXI-melt packaging consists of 30 lb. (13.6 kg) blocks of product with 70 packages per pallet, weighing 2100 lb. (952 kg). To use, the pallet wrap is removed, and individual blocks are placed in the melter. There are no cardboard boxes or other cardboard components to open, empty, handle, or dispose of. PLEXI-melt packaging quickly melts into the product without affecting specification conformance.

WARRANTY CRAFCO, Inc. warrants that CRAFCO products meet applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation of the cracks and joints prior to sealing or filling are beyond our control as are the use and application of the products; therefore, Crafco shall not be responsible for improperly applied or misused products. Remedies against Crafco, Inc., as agreed to by Crafco, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafco, Inc. All claims for breach of this warranty must be made within three (3) months of the date of use or twelve (12) months from the date of delivery by Crafco, Inc. whichever is earlier. There shall be no other warranties expressed or implied. For optimum performance, follow Crafco recommendations for product installation.

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Item 2: Roadsaver Specifications

pg# 3



PRODUCT DATA SHEET

ROADSAVER 221

PART NO. 34221

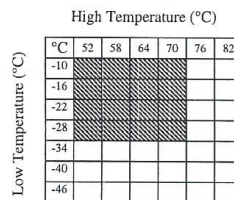
SEPTEMBER 2016

READ BEFORE USING THIS PRODUCT

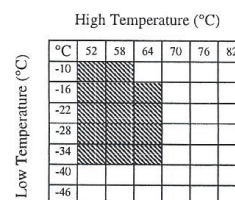
GENERAL Crafco RoadSaver 221 sealant is a hot-applied asphalt based product used to seal and fill cracks and joints in asphalt or Portland cement concrete pavements in hot to cold climates. RoadSaver 221 is supplied in solid form which when melted and properly applied forms a resilient, adhesive and flexible compound that resists cracking in the winter and is resistant to flow and pick-up at summer temperatures. RoadSaver 221 is used in highway, street, and airfield pavements and is applied to pavement cracks and joints using either pressure feed melter applicators or pour pots. At application temperature RoadSaver 221 is a free flowing, self-leveling product. RoadSaver 221 is a widely used, excellent performing sealant that has been a quality Crafco product for over 30 years. VOC = 0 g/l.

USAGE GUIDELINES RoadSaver 221 is applicable for Sealant / Reservoir Use or Filler / Overband Use in hot to cold climates with low and high pavement temperatures identified in the charts. Pavement temperatures for the project location are determined at 98% reliability using FHWA LTPPBind V 3.1, and sealant or filler use is determined following Crafco Product Selection Procedures.

 Applicable Pavement Temperatures



Sealant / Reservoir Use



Filler / Overband Use

SPECIFICATION CONFORMANCE RoadSaver 221 meets all requirement of ASTM D6690 (AASHTO M324), Type II, "Joint and Crack Sealants, Hot-Applied, for Concrete and Asphalt Pavements", (formerly ASTM D3405 and AASHTO M301). It also exceeds requirements of ASTM D6690 (AASHTO M324), Type I, (formerly ASTM D1190, AASHTO M173), and Federal Specification SS-S-164.

Test

Cone Penetration
Softening Point
Resilience
Bond, -20°F (-29°C), 50% ext.
Asphalt Compatibility
Minimum Application Temperature
Maximum Heating Temperature

ASTM D6690 (AASHTO M324)

Type II Spec. Limits

90 max.
176°F (80°C) min.
60% min.
Pass 3 cycles
Compatible
380°F (193°C)
400°F (204°C)

INSTALLATION The unit weight of Crafco RoadSaver 221 is 10.5 lbs. per gallon (1.26 kg/L) at 60°F (15.5°C). Prior to use, the user must read and follow Installation Instructions for Hot-Applied RoadSaver, PolyFlex, Parking Lot and Asphalt Rubber Products to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each pallet of product.

PACKAGING Product is supplied in either cardboard boxes, or in melttable, boxless PLEXI-melt packaging. Both package types are labeled in accordance with OSHA, GHS, and specification requirements; are sold by net weight; are interlock stacked on 48 x 40 in. (122 x 102 cm) 4-way pallets; can be stored outside; and are covered with a weather resistant pallet cover and 2 layers of UV protected stretch wrap.

- o **BOX** packaging consists of cardboard boxes containing approximately 30 lb. (13.6 kg) of product with 75 boxes per pallet, weighing approximately 2250 lb. (1020 kg). Boxes contain a quick melting release film for easy removal and are taped closed, without any staples.
- o **PLEXI-melt** packaging consists of 30 lb. (13.6 kg) blocks of product with 70 packages per pallet, weighing 2100 lb. (952 kg). To use, the pallet wrap is removed, and individual blocks are placed in the melter. There are no cardboard boxes or other cardboard components to open, empty, handle, or dispose of. PLEXI-melt packaging quickly melts into the product without affecting specification conformance.

WARRANTY CRAFTCO, Inc. warrants that CRAFTCO products meet applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation of the cracks and joints prior to sealing or filling are beyond our control as are the use and application of the products; therefore, Crafco shall not be responsible for improperly applied or misused products. Remedies against Crafco, Inc., as agreed to by Crafco, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafco, Inc. All claims for breach of this warranty must be made within three (3) months of the date of use or twelve (12) months from the date of delivery by Crafco, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow Crafco recommendations for product installation.**

4. Package Specifications:



6165 W Detroit St. • Chandler AZ 85226
+1 (602) 276-0406 • +1 (800) 528-8242 • FAX +1 (480) 961-0513
www.crafco.com

SPECIFICATIONS

PLEXI-MELT™ PACKAGE

JANUARY 2016

Product shall be supplied in 30 lb. (13.6 kg) completely meltable packages that are interlock stacked on pallets containing 2100 lb. (952 kg) of product. The individual packages and palletized unit shall not contain any cardboard components to open, empty, handle, or dispose of. Packages shall be labeled in accordance with OSHA, GHS and ASTM requirements. The packages and palletized unit shall be water and weather resistant and shall be able to be stored outside.

The individual packages of product shall be encased in a high-strength, low-density, protective covering that quickly melts into the product at normal use temperatures without affecting product installation characteristics or specification conformance.

The protective covering shall not weigh more than 0.50% of the product weight and shall have the following properties:

Thickness (ASTM D1777, 7.15 psi, 0.625 in. dia. presser)	0.004-0.008 in. (0.10-0.20 mm)
Puncture Resistance (ASTM E 154)	75 lb. (334N) minimum
Tensile Strength (ASTM D5035, cut strip, 2 in. /min)	20 lb. /in. (35N/cm) minimum
Density (ASTM D792)	0.50 g/cc maximum

5. Price shall be F.O.B. Lake County Highway Shop. All materials must meet South Dakota Department of Highway Specifications.
6. Bid shall be firm and will be effective from 3/1/2024 to 2/28/2025.
7. All bid prices to include any applicable taxes and/or fees.
8. Bidder must submit a certificate of insurance for a minimum of one million dollars liability insurance.
9. Bidder must sign a Lake County Purchase Agreement.
10. The Notice to Bidders shall be considered a part of these specifications.
11. The Lake County Board of Commissioners reserves the right to accept or reject any or all bids.

PROPOSAL

Mastic One: \$ _____/per pound

Roadsaver 221: \$ _____/per pound

BIDDER'S INFORMATION:

Name/Title: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone/Email: _____

ICE SAND SPECIFICATIONS

1. Use of the following gradation is recommended when purchasing abrasive material or for inclusion in abrasive material contract specifications:
 - a.
 - b. Sieve Size %Passing
 - c. 3/8" 100
 - d. #4 80-100
 - e. #10 40-80
 - f. #40 5-35
 - g. #200 0-10
 - h. Liquid limit not to exceed 26, plastic index not to exceed 3
2. Bidder must furnish all materials, equipment and labor necessary weigh and place in a County Vehicle or load on to County Equipment as needed.
3. Bidder must provide locations for F.O.B. plants.
4. Bidder must furnish scale.
5. Bidder must submit a certificate of insurance for a minimum of one million dollars liability insurance.
6. Bid shall be firm and will be effective from 3/1/2024 to 2/28/2025.
7. All bid prices to include any applicable taxes and/or fees.
8. Bidder must sign a Lake County Purchase Agreement.
9. The Notice to Bidders shall be considered a part of these specifications.
10. The Lake County Board of Commissioners reserves the right to accept or reject any or all bids.

PROPOSAL

F.O.B. Plant Location: _____

Bid Ice Sand picked up at Vendor's Pit: \$ _____

Bid Ice Sand Delivered to County shop yard: \$ _____

BIDDER'S INFORMATION:

Name/Title: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone/Email: _____

AGGREGATE BASE STABILIZER SPECIFICATIONS

1. Only bids for aggregate base stabilizer (Base One) or equivalent will be accepted.
2. Amount to be purchased and applied will be determined by bid price, budget, and weather conditions – no maximum or minimum amount will be guaranteed.
3. Bidder must submit a certificate of insurance for a minimum of one million dollars liability insurance.
4. Bid shall be firm and will be effective from 3/1/2024 to 2/28/2025.
5. All bid prices to include any applicable taxes and/or fees.
6. Bidder must sign a Lake County Purchase Agreement.
7. The Notice to Bidders shall be considered a part of these specifications.
8. The Lake County Board of Commissioners reserves the right to accept or reject any or all bids.

PROPOSAL

F.O.B. Plant Location: _____

Price per gallon: \$ _____

BIDDER'S INFORMATION:

Name/Title: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone/Email: _____

VEHICLE ENGINE OILS (PETROLEUM PRODUCTS) BID SPECIFICATIONS

1. A laboratory test should accompany all oil bids to meet proper specifications for diesel engines.
2. All products must be delivered as needed to the Lake County Highway Department.
3. All products must be delivered in 30-gallon barrels.
4. Bid shall be firm and will be effective from 3/1/2024 to 2/28/2025.
5. All bid prices to include any applicable taxes and/or fees.
6. Bidder must submit a certificate of insurance for a minimum of one million dollars liability insurance.
7. Bidder must sign a Lake County Purchase Agreement.
8. The Notice to Bidders shall be considered a part of these specifications.
9. The Lake County Board of Commissioners reserves the right to accept or reject any or all bids.

PROPOSAL

Product	Price Per Gallon
Automatic Oil (Dexron III)	\$
Synthetic Automatic Transmission Fluid-Allison Approved	\$
Series 300 Oil:	\$
SAE 80W90 Extreme Pressure Sulfo-Chloro-Lead	\$
Heat Transfer Oil	
Flash point 450°F Minimum	
Pour point 10°F Maximum	
Viscosity, SUS (Saybolt universal seconds)	
100°F 300-320 seconds	
130°F 150-160 seconds	
Viscosity index 90 minumum	\$
Series 200 oil	
SAE 30	\$ _____
10W30	\$ _____
5W20	\$ _____
5W30	\$ _____
Caterpillar TO-4 Specification	
10W	\$ _____
30W	\$ _____
High Temp Grease Gun by the Tube	\$

BIDDER'S INFORMATION:

Name/Title: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone/Email: _____

**FULL OPERATION MILLING / RECLAIMING EQUIPMENT WITH OPERATOR
FOR CONSTRUCTION AND MAINTENANCE REPAIRS BID SPECIFICATIONS**

1. Successful bidder will be working along with the Lake County Highway Department to complete the projects.
2. Bidder must submit a certificate of insurance for a minimum of one million dollars liability insurance.
3. Proposal-Guaranty: No deposit or bond will be required at time of bid opening.
4. Performance Bond: Lake County will give notice to the successful bidder that their proposal has been accepted and said bidder shall within ten (10) days thereafter enter into a Contract with Lake County and said bidders shall then be required to furnish the following:
Certificates of Insurance as per bid specifications or requested from Lake County. Lake County must be listed as additional insured on all Certificates of Insurance.
5. Bids shall include all applicable taxes and fees for materials furnished and/or installed by the Contractor and all applicable taxes and fees for materials supplied by the County. Lake County is exempt from all State Sales Tax.
6. Bid shall be firm and will be effective from 3/1/2024 to 2/28/2025.
7. All bid prices to include any applicable taxes and/or fees.
8. Bidder must sign a Lake County Purchase Agreement.
9. The Notice to Bidders shall be considered a part of these specifications.
10. The Lake County Board of Commissioners reserves the right to accept or reject any or all bids.

PROPOSAL

Grind Only:

Grind only (syd) \$ _____

Project Mobilization \$ _____

Grind with Lay-back Process:

Grind (syd) \$ _____

Project Mobilization \$ _____

Grind with additive injection & lay back process

County will furnish gravel with additive

Grind (syd) \$ _____

Project Mobilization: \$ _____

Milling

Grind (syd) \$ _____

Project Mobilization \$ _____

BIDDER'S INFORMATION:

Name/Title: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone/Email: _____

EQUIPMENT RENTAL BID SPECIFICATIONS
FULL OPERATION RENTAL SERVICES OF GRAVEL TRUCKS & ROAD
MACHINERY

1. Bid must include all associated costs for full operation. For "Bridge Equipment", "Crushing Equipment", "Patching Equipment" and "Paving Equipment", the rate must include all equipment and personnel costs for the entire operation. "Paving Equipment" and "Patching Equipment" hourly rate should NOT include trucking costs. (Trucks must be bid separately.)
2. Successful bidders will be working along with the Lake County Highway Department to complete the projects.
3. Proposal Guaranty: No deposit or bond will be required at the time of bid opening.
4. Performance Bond: Lake County will give notice to the successful bidder that their proposal has been accepted and said bidder shall, within ten (10) days thereafter, enter into a Contract for Rental Equipment with Lake County. Bidders shall then be required to furnish the following: Prior to working with Lake County, certificates of insurance as per bid specifications or requested from Lake County, and Lake County must be listed as additional insured on all Certificates of Insurance.
5. Bid shall be firm and will be effective from 3/1/2024 to 2/28/2025.
6. All bid prices to include any applicable taxes and fees for materials furnished and/or installed by the Contractor and all applicable taxes and fees for materials supplied by the County. South Dakota Contractor's Excise and Use Taxes are to be included in the Unit Bid Price for hourly, monthly, and yearly rates.
7. The Notice to Bidders shall be considered a part of these specifications.
8. The Lake County Board of Commissioners reserves the right to accept or reject any or all bids.

FULL OPERATION RENTAL EQUIPMENT PROPOSAL

BULLDOZERS:		
Make/Model	Size/Capacity	Rate/Hour

EXCAVATORS:		
Make/Model	Size/Capacity	Rate/Hour

LOADERS:		
Make/Model	Size/Capacity	Rate/Hour

SCRAPERS:		
Make/Model	Size/Capacity	Rate/Hour

COMPACTION EQUIPMENT:		
Make/Model	Size/Capacity	Rate/Hour

TRACTOR-TRAILER/PUP 40 TON MINIMUM		
Make/Model	Size/Capacity	Rate/Hour

ASPHALT TRUCKS:		
Make/Model	Size/Capacity	Rate/Hour

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FULL OPERATION CREWS

Include all costs for equipment and personnel to fully perform each activity

PAVING EQUIPMENT (trucks bid separate)		
Make/Model	Size/Capacity	Rate/Hour

PATCHING EQUIPMENT		
Make/Model	Size/Capacity	Rate/Hour

BARE OPERATION EQUIPMENT

Recycling Crusher: \$_____/month

Live Bottom Asphalt Trailer \$_____/month

BIDDER'S INFORMATION:

Name/Title: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone/Email: _____

