

**SUBJECT:** Award of Bid No. 21-170B, 2021 Road Striping to Specialized Pavement Marking, Inc., for the contract amount of \$156,527.43.

**AGENDA OF:** July 20, 2021

**ASSEMBLY ACTION:**

Approved Under the Consent Agenda  
7-20-21 (BMA)

**MANAGER RECOMMENDATION:** Present to the Assembly for consideration.

**APPROVED BY MICHAEL BROWN, BOROUGH MANAGER:**

MB

Route To:	Department/Individual	Initials	Remarks
	Purchasing Officer	MB	
	Public Works Director	TD	12 July 2021
	Finance Director	CF	
	Borough Attorney	MB	
	Borough Clerk	MB 7/12/21	(BMA)

**ATTACHMENT (S) :** Fiscal Note: Yes X No         
 Analysis Sheet (1p)  
 Scope of Work (3p)

**SUMMARY STATEMENT:** On May 3, 2021, the Matanuska-Susitna Borough Purchasing Division issued a solicitation requesting bids from qualified contractors to update the pavement markings on miscellaneous roads throughout the Matanuska-Susitna Borough. Striping work shall include various combinations of centerline, fog lines, turn lanes, stop bars, cross walks, speed humps, and painted medians in locations as described. Construction Services purchased will support the Public Works Department in assembly districts 1, 2, 3, 4, 5, 6, & 7.

In response to the advertisement, three bids were received. Award

recommendation is being made to Specialized Pavement Marking, Inc. as the lowest responsive and responsible bidder based on Total Bid Amount.

The substantial completion date for this project is August 31, 2021 with the final completion of October 31, 2021.

In accordance with MSB 3.08.170(B), Administration requests authority to modify the resulting contract completion date by 30 days for unforeseen circumstances.

The Public Works Department, Operations & Maintenance Division will be administering the contract.

**RECOMMENDATION OF ADMINISTRATION:** Award of **BID NO. 21-170B, 2021 ROAD STRIPING** to **SPECIALIZED PAVEMENT MARKING, INC.** for the contract amount of **ONE HUNDRED FIFTY-SIX THOUSAND FIVE HUNDRED TWENTY-SEVEN DOLLARS AND 43/100 CENTS (\$156,527.43).**

MATANUSKA-SUSITNA BOROUGH  
FISCAL NOTE

Agenda Date: July 20, 2021

SUBJECT: Award of Bid No. 21-170B, 2021 Road Striping to Specialized Pavement Marking, Inc., for the contract amount of \$156,527.43.

ORIGINATOR: Purchasing

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT <u>YES</u> NO
AMOUNT REQUESTED <u>\$156,527.43</u>	FUNDING SOURCE <u>Various RSA</u>
FROM ACCOUNT # <u>410.000.000 4XX.XXX</u>	PROJECT # <u>Various</u>
TO ACCOUNT :	PROJECT #
VERIFIED BY: <u>Kim Winkler</u>	CERTIFIED BY:
DATE: <u>7-12-21</u>	DATE:

EXPENDITURES/REVENUES:

(Thousands of Dollars)

OPERATING	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL		<u>156.5</u>				
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REVENUE						
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FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds						
Other		<u>156.5</u>				
TOTAL		<u>156.5</u>				

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY: Chapman Hensel PHONE: \_\_\_\_\_  
 DEPARTMENT: \_\_\_\_\_ DATE: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_ DATE: 7/12/2021

**~PRELIMINARY RESULTS~**

MATANUSKA-SUSITNA BOROUGH: PURCHASING

**BID OPENING ANALYSIS SHEET**

21-170B 2021 Road Striping

BIDDER		614 Const. & Traffic	Specialized Pavement	Pacific Asphalt
Signed Bid Form		✓	✓	✓
Receipt of Addendum		NA	NA	NA
Bid Guarantee		✓	✓	✓
BID ITEM	DESCRIPTION	Total Bid Amount	Total Bid Amount	Total Bid Amount
1.	Sum of Bid Schedule Items 1 thru 7	\$ 171,850.00	\$ 156,527.42	\$ 160,000.00

  

BIDDER				
Signed Bid Form				
Receipt of Addendum		NA	NA	NA
Bid Guarantee				
BID ITEM	DESCRIPTION	Total Bid Amount	Total Bid Amount	Total Bid Amount
1.	Sum of Bid Schedule Items 1 thru 7			

**RECOMMENDATION:** ALL BIDS ARE TAKEN UNDER ADVISEMENT

PURCHASING OFFICER



PURCHASING REPRESENTATIVE



PURCHASING REPRESENTATIVE



PROJECT MANAGER

5-26-21

DATE

WITNESS

WITNESS

WITNESS

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**BID #21-170B**  
**2021 ROAD STRIPING**  
**SCOPE OF WORK**

General

This project's purpose is to update the pavement markings on miscellaneous roads throughout the Matanuska-Susitna Borough (MSB). Striping work will include various combinations of centerline, fog lines, turn lanes, stop bars, cross walks, speed humps, and painted medians in locations as described. Centerline striping is double solid stripe unless otherwise noted. Turn lanes include lane striping and all arrows and lettering required. Work includes labor, equipment, and materials to provide traffic control, layout, and striping.

All construction shall be completed in accordance with the current Alaska Department of Transportation and Public Facilities (ADOT&PF) Standard Specifications for Highway Construction (SSHC) 2017 Edition and the current Manual on Uniform Traffic Control Devices (MUTCD) and the Alaska Traffic Manual Supplement (ATMS). Project specific special provisions are provided in the following sections. The requirements contained in these specifications and special provisions are hereby made a part of this solicitation and resultant contract.

Work Zone speed limit: Limit speed of vehicles associated with construction to 20 miles per hour within project limits. At least one lane of traffic will be kept open at all times.

Normal work time shall be between 7 a.m. and 7 p.m. Extensions will be considered by the MSB Superintendent if conditions warrant.

Striping work shall be coordinated to follow summer 2021 Crack Sealing work in order to avoid covering new traffic paint with Crack Sealing. Striping work will be coordinated to follow MSB street sweeping operations in order to get the best asphalt conditions possible for maintenance striping.

Time is of the essence. Substantial completion shall be achieved by August 31, 2021 and final completion shall be achieved by October 31, 2021.

Failure to comply with any requirements as described in this scope of work may be considered a material breach of the agreement, and is subject to termination as a result of non-compliance.

Estimated project magnitude is less than \$200,000.

Work Description

- **RSA 16**
  - N. 49<sup>th</sup> State Street approximately .5 mile of centerline and fog lines, turn lane 1 each, stop bars 3 each, cross walk 1 each.
  - Springfield Road approximately 1.0 mile of centerline and fog lines, stop bar 1 each cross walk 1 each.
  - Turner Road approximately .2 mile of centerline and fog lines, stop bars 2 each.
  - Edgerton Parks Road approximately 3.0 miles of centerline and fog lines, stop bar 1 each.
  - Mountain Trails Drive approximately .8 mile of centerline and fog lines, stop bar 1 each.
  - Mcleod Road approximately .01 (50 linear feet) of centerline and fog lines, and approximately 500 square feet of white hatching in front of the mailboxes, stop bar 1 each.
  - E. Tex-al Drive approximately .8 mile of centerline and fog lines, stop bar 1 each.
  - E. Boyd Road approximately 1.0 mile of centerline and fog lines, stop bar 1 each.
  - Bogard Road approximately 4.0 mile of roadway from the concrete median at the Trunk Road roundabout to the Glenn Highway Intersection. Work includes all painted markings, symbols, and striping. Work includes the Silver Creek Road Roundabout all painted markings associated with the roundabout including travel lane striping and symbols from all four directions. 49<sup>th</sup> Street Roundabout all painted markings associated with the roundabout including travel lane striping and symbols from all four directions. Other quantities in addition to the 2 each Roundabouts are: Turn lanes with arrows 26 each, Stop Bars 14 each, Crosswalks 5 each, Painted Medians 8 each, Bike Pathway with Bike Symbols 1.6 Mile, center lines, shoulder striping, and lane striping to match existing for 4 Miles. This road section includes 2 each roundabouts and 3 each school zones and bidders are required to visit the work area and verify quantities prior to bidding. Where inlaid markings exist, the contractor shall apply markings over the top of existing markings, or within the groove if the marking does not

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exist, with the application rate (paint and beads) specified in Section 670 of the DOT Standard Specifications.

- **RSA 25**
  - Engstrom Road approximately 2.5 miles of center line and fog lines, turn lanes 2 each, stop bars 2 each.
  - Hart Lake Loop approximately 1.6 miles of centerline and fog lines.
  - Green Forest Drive approximately 1.2 miles of centerline and fog lines, stop bars 6 each.
  - Seward Meridian Parkway approximately .6 mile centerline and fog lines, turn lanes 2 each, cross walk 1 each.
  - Charley approximately 2.0 miles of centerline and fog lines.
- **RSA 26**
  - Caudill Road approximately 1.0 mile of centerline and fog lines.
  - Sullivan Avenue approximately 1.5 miles of centerline and fog lines, stop bar 1 each.
- **RSA 31**
  - 58 Mile Road, Stayton Avenue, and Granite View Drive approximately 1.2 mile of centerline and fog lines.
  - Chickaloon Way and Wright Way approximately 1.0 miles of centerline and fog lines, stop bar 8 each, raised crosswalk 1 each, speed humps 4 each.
- **RSA 17**
  - Foothills Blvd. approximately 1.7 miles of centerline, stop bars 14 each.
  - Johnson Road approximately .5 miles of centerline.
  - Bogle Bluff Drive approximately .7 miles of centerline, stop bars 4 each.
  - Clapp Street approximately .9 miles of centerline and fog lines, stop bars 3 each, turn lanes 2 each, crosswalk 1 each, painted median 1 each.
  - Sunset Avenue approximately 1.8 miles of centerline, stop bars 13 each.
  - Carmel Road approximately 1.8 miles of centerline, stop bars 8 each.
  - Point Mackenzie Road MP 0 – 7.4 (KGB to the T intersection), 7.4 miles of centerline and fog lines, stop bars 2 each.
- **RSA 27**
  - Foothills Blvd. and Paddy Place approximately .6 miles of centerline, stop bars 3 each.
  - Johnson Road approximately 1.4 miles of centerline.
  - Seldon Road from RSA line (.5 miles west of Church Road) to Windy Bottom, 1.3 miles of centerline and fog lines, turn lane 1 each, stop bars 1 each, painted median 1 each.
  - Beverly Lake Road (Windy bottom to Pittman) 2.8 miles of centerline, stop bars 2 each, painted median 1 each.
  - Meadow Lakes Loop approximately 4.0 miles of centerline, stop bars 2 each.
  - Meadow Lakes Drive approximately 3.0 miles of centerline, stop bars 2 each.
  - Edgewater Drive approximately .4 miles of centerline, stop bars 1 each.
- **RSA 28**
  - Seldon Road (Church to the RSA Line) approximately .5 miles of centerline and fog lines, stop bar 1 each.
  - Lucille Street approximately 1.75 miles of centerline and fog lines, stop bars 2 each.
  - Polar Bear Drive approximately .5 miles of centerline, stop bars 2 each.

Prior to beginning work, contractor will submit the following for MSB approval:

- A schedule that shows an overall plan and an equipment and personnel summary to be used for each activity.
- Temporary Traffic Control Plan.
- See section 108-1.03 of the DOT Standard Specifications for other required submittals as necessary.
- Product data sheets and safety data sheets for paint and glass beads.

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### Paint Specifications:

Striping Paint - yellow, low VOC Solventborne Acrylic

Striping Paint - white, low VOC Solventborne Acrylic

#### 1. Composition Requirements

a. Pigment Composition: Pigments shall be first quality grade pigments. The inert or filler pigments must be of a type and quality generally recognized as first quality paint grade products and shall not contribute to settling of the paint in storage or be so hard to cause excessive wear of the spray application equipment.

b. Vehicle or Resinous Binder Composition: The vehicle may be any combination of natural or synthetic resinous materials that are not prohibited per this specification. All resins used must be permanently capable of re-dissolving in the solvent combination used in the paint. Paint and binder combinations shall minimize build-up of the paint on the sides of tanks, paint lines and clogging of spray equipment from un-dissolvable skins.

#### 2. Solvent Base Traffic Marking Paint Requirements

CHARACTERISTIC	MINIMUM	MAXIMUM	TEST METHOD
Viscosity @ 77°F, (25° C), KU	75	90	ASTM-D562
Weight per Gallon at 77° F, (25°C)	11.0	-	ASTM-D1475
Fineness of Grind, Hegman	2		ASTM-D1210
Drying Time for no-pick-up, Seconds	-	90	ASTM-D711
Color: Yellow 33538 or approved equal	Pass		FED-STD-595C
Volatile Organic Compounds (VOC), grams/liter (lbs./gallon)	-	150 (1.25)	EPA 40 CFR Part 59 ASTM-D3960
Total Solids, % by Weight	70	-	ASTM-D2697
Total Solids, % by Volume	43	-	ASTM-D2369

- a. Prohibited Materials: The Manufacturer must certify that the product does not contain mercury, lead, hexavalent chromium, halogenated solvents (such as Methylene Chloride), or any carcinogen as defined in 29 CFR 1910.1200.
- b. Condition in Container: For a minimum of one year from the date of manufacture, the paint shall meet each of the following conditions:
- 1) Not show excessive setting in a freshly opened full container
  - 2) Show no curdling, livering, caking, lumps, skin or color separation
  - 3) Be easily re-dispersed when mixed with a paddle
  - 4) Be easily re-dispersed after 5 minutes of mechanical shaking using a standard commercial paint shaker
- c. Water Resistance: Guaranteed water resistant when applied properly.
- d. Weathering: Guaranteed against cracking and weathering under extreme conditions when applied properly.
- e. Application Temperature: The manufacturer's recommended minimum application temperature (air, surface and material) shall be 40° F or lower.

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