

SUBJECT: Award of Bid No. 21-111B, Shirley Towne Bridge Repair to Roger Hickel Contracting, Inc., for the contract amount of \$460,800.00.


AGENDA OF: January 05, 2021

ASSEMBLY ACTION:

Adopted without objection. KBJ 1.19.21

MANAGER RECOMMENDATION: Present to the Assembly for consideration.

APPROVED BY MICHAEL BROWN, BOROUGH MANAGER: WBS

Route To:	Department/Individual	Initials	Remarks
	Purchasing Officer		
	Public Works Director	TDL	21 Dec 2020
	Finance Director	cy	
	Borough Attorney	NS	
	Borough Clerk	BOR for Jkm	

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

SUMMARY STATEMENT: On November 12, 2020, the Matanuska-Susitna Borough Purchasing Division issued a solicitation requesting bids from qualified contractors to construct upgrades to the Shirley Towne Road Bridge, which crosses Willow Creek in Willow, Alaska. The bridge sustained damage during a major flood in 2012. During the flood event, the main channel of the creek shifted northward and destroyed the north abutment, and is actively eroding the remaining northern approach road. The bridge improvements are needed to extend and repair the bridge, so that an emergency access route is available across the creek in the event that the Michelle

Drive Bridge further downstream becomes impassible.

Construction Services purchased will support the Public Works Department in assembly district #7.

In response to the advertisement, ten bids were received. Award recommendation is being made to Roger Hickel Contracting, Inc. as the lowest responsive and responsible bidder based on the sum of base bid & alternate bid 1.

The substantial completion date for this project is March 31, 2021 with the final completion of June 30, 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, Pre-Design & Engineering Division will be administering the contract with the aid of PND Engineers, Inc. who will be performing construction management services.

RECOMMENDATION OF ADMINISTRATION: AWARD OF BID NO. 21-111B, SHIRLEY TOWNE BRIDGE REPAIR TO ROGER HICKEL CONTRACTING, INC., FOR THE CONTRACT AMOUNT OF FOUR HUNDRED SIXTY THOUSAND EIGHT HUNDRED DOLLARS AND 00/100 CENTS (\$460,800.00) .

MATANUSKA-SUSITNA BOROUGH
FISCAL NOTE

Agenda Date: January 05, 2021

SUBJECT: Award of Bid No. 21-111B, Shirley Towne Bridge Repair to Roger Hickel Contracting, Inc., for the contract amount of \$460,800.00.

ORIGINATOR: Purchasing

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT <input checked="" type="radio"/> YES <input type="radio"/> NO
AMOUNT REQUESTED <u>460,800⁰⁰</u>	FUNDING SOURCE <u>Roads + Bridges Cap. Project</u>
FROM ACCOUNT # <u>430.000.000 4xx xxx</u>	PROJECT # <u>35469-0700-0701-#350,375</u> <u>6600-6601-510,005</u> <u>1800-1801-510,425</u>
TO ACCOUNT :	PROJECT #
VERIFIED BY: <u>Kim Ullstad</u>	CERTIFIED BY:
DATE: <u>12-22-2020</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>460.8</u>					
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REVENUE						
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FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds						
Other	<u>460.8</u>					
TOTAL	<u>460.8</u>					

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY:

PHONE:

DEPARTMENT:

DATE:

APPROVED BY:

DATE:

Cheryl Hickel 12/22/2020

DETAILED BID TABULATION:**21-111B Shirley Towne Bridge Repair**

					BIDDERS									
BASE BID					Roger Hicel Contracting Inc		North Star Exc. & Asphalt		Scarsella Bros., Inc		Tutka, LLC		Bristol Prime Contractors, LLC	
Item Number	Bridge Number	Description	Pay Unit	Estimated Quantity	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	1831	Addition of a new single lane span to the north end of Bridge No. 1831, Willow Creek at Shirley Town Road	EA	All Required	\$414,000.00	\$ 414,000.00	\$449,420.00	\$ 449,420.00	\$488,930.00	\$ 488,930.00	\$486,000.00	\$ 486,000.00	\$536,107.06	\$ 536,107.06
2	1831	Perform all labor to re-install bridge deck and bridge rail for (2) 80-foot spans of existing bridge with Owner furnished materials.	EA	All Required	\$37,000.00	\$ 37,000.00	\$50,000.00	\$ 50,000.00	\$50,000.00	\$ 50,000.00	\$63,000.00	\$ 63,000.00	\$23,196.79	\$ 23,196.79
TOTAL BID AMOUNT					\$451,000.00		\$499,420.00		\$538,930.00		\$549,000.00		\$559,303.85	

ADDITIVE ALTERNATE 1

Item Number	Bridge Number	Description	Pay Unit	Estimated Quantity	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	Section 505	Additive Alternate #1: Furnish, splice and drive 12" diameter piles beyond estimated tip elevation.	EA	40	\$245.00	\$ 9,800.00	\$200.00	\$ 8,000.00	\$200.00	\$ 8,000.00	\$350.00	\$ 14,000.00	\$556.09	\$ 22,243.60
TOTAL ADDITIVE ALTERNATE 1 BID					\$9,800.00		\$8,000.00		\$8,000.00		\$14,000.00		\$22,243.60	

UNIT BID PRICES

Item Number	Bridge Number	Description	Pay Unit	Estimated Quantity	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
2	1831	Unit price to furnish additional materials for treated 4"x14" bridge deck panel.	EA	1	\$3,400.00	\$ 3,400.00	\$3,500.00	\$ 3,500.00	\$2,500.00	\$ 2,500.00	\$3,300.00	\$ 3,300.00	\$3,256.18	\$ 3,256.18
3	1831	Unit price to furnish additional glu-lam material for treated bridge rail.	FT	30	\$700.00	\$ 21,000.00	\$70.00	\$ 2,100.00	\$50.00	\$ 1,500.00	\$60.00	\$ 1,800.00	\$231.04	\$ 6,931.20
4	1831	Unit price to furnish additional rail post and bracket.	EA	1	\$1,100.00	\$ 1,100.00	\$2,000.00	\$ 2,000.00	\$1,500.00	\$ 1,500.00	\$1,050.00	\$ 1,050.00	\$1,495.81	\$ 1,495.81
5	1831	Unit price to furnish additional 4x12 treated timber runners	FT	20	\$84.00	\$ 1,680.00	\$1,000.00	\$ 20,000.00	\$15.00	\$ 300.00	\$25.00	\$ 500.00	\$7.26	\$ 145.20

TOTAL AMOUNT BID (BASE BID + ALT. 1)

					\$460,800.00		\$507,420.00		\$546,930.00		\$563,000.00		\$581,547.45	
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					BIDDERS									
BASE BID					D & L CONSTRUCTION CO., INC.		Swalling General Contractors, LLC		Granite Construction Company		Spernak and Son LLC.		Brice Incorporated	
Item Number	Bridge Number	Description	Pay Unit	Estimated Quantity	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	1831	Addition of a new single lane span to the north end of Bridge No. 1831, Willow Creek at Shirley Town Road	EA	All Required	\$490,000.00	\$ 490,000.00	\$524,800.00	\$ 524,800.00	\$500,000.00	\$ 500,000.00	\$525,190.00	\$ 525,190.00	\$578,000.00	\$ 578,000.00
2	1831	Perform all labor to re-install bridge deck and bridge rail for (2) 80-foot spans of existing bridge with Owner furnished materials.	EA	All Required	\$96,000.00	\$ 96,000.00	\$40,000.00	\$ 40,000.00	\$110,000.00	\$ 110,000.00	\$88,096.00	\$ 88,096.00	\$141,999.00	\$ 141,999.00
TOTAL BID AMOUNT					\$586,000.00		\$564,800.00		\$610,000.00		\$613,286.00		\$719,999.00	

ADDITIVE ALTERNATE 1

Item Number	Bridge Number	Description	Pay Unit	Estimated Quantity	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	Section 505	Additive Alternate #1: Furnish, splice and drive 12" diameter piles beyond estimated tip elevation.	FT	40	\$300.00	\$ 12,000.00	\$180.00	\$ 7,200.00	\$600.00	\$ 24,000.00	\$350.00	\$ 14,000.00	\$73.00	\$ 2,920.00
TOTAL ADDITIVE ALTERNATE 1 BID					\$12,000.00		\$7,200.00		\$24,000.00		\$14,000.00		\$2,920.00	

UNIT BID PRICES

Item Number	Bridge Number	Description	Pay Unit	Estimated Quantity	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
2	1831	Unit price to furnish additional materials for treated 4"x14" bridge deck panel.	EA	1	\$3,500.00	\$ 3,500.00	\$2,785.00	\$ 2,785.00	\$2,500.00	\$ 2,500.00	\$40,060.00	\$ 40,060.00	\$2,438.00	\$ 2,438.00
3	1831	Unit price to furnish additional glu-lam material for treated bridge rail.	FT	30	\$90.00	\$ 2,700.00	\$50.00	\$ 1,500.00	\$120.00	\$ 3,600.00	\$60.50	\$ 1,815.00	\$46.00	\$ 1,380.00
4	1831	Unit price to furnish additional rail post and bracket.	EA	1	\$800.00	\$ 800.00	\$715.00	\$ 715.00	\$350.00	\$ 350.00	\$1,559.00	\$ 1,559.00	\$1,250.00	\$ 1,250.00
5	1831	Unit price to furnish additional 4x12 treated timber runners	FT	20	\$40.00	\$ 800.00	\$19.00	\$ 380.00	\$150.00	\$ 3,000.00	\$21.00	\$ 420.00	\$11.00	\$ 220.00

TOTAL AMOUNT BID (BASE BID + ALT. 1)

					\$598,000.00		\$572,000.00		\$634,000.00		\$627,286.00		\$722,919.00	
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AM 21-003

BID #21-111B
Shirley Towne Bridge Repair
SCOPE OF WORK

Project Background and Scope

The Matanuska-Susitna Borough (MSB) is soliciting bids from qualified contractors to construct upgrades to the Shirley Towne Road Bridge, which crosses Willow Creek in Willow, Alaska, that sustained damage during a major flood in 2012. During the flood event, the main channel of the creek shifted northward and destroyed the north abutment, and is actively eroding the remaining northern approach road. The bridge improvements are needed to extend and repair the bridge, so that an emergency access route is available across the creek in the event that the Michelle Drive Bridge further downstream becomes impassible. Environmental permits will be obtained by the Borough for this project, including those in attachment 1, unless otherwise specified in the project documents. The geotechnical report for this project is included in attachment 2, and is to be used for information only.

All construction shall be completed in accordance with the Alaska Department of Transportation and Public Facilities (DOT&PF) Standard Specifications for Highway Construction (SSHC) 2020 Edition. 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.

The project area begins on Shirley Towne Road approximately ¼-mile north of the Willow-Fishhook Road in Willow, Alaska. The bridge is not usable and work will require access to both sides of the creek. For work on the south side, access is from Shirley Towne Road via Willow-Fishhook Road. For access to the north side, access is via Deneki Drive, then Michelle Drive, Kelley Circle and Kenny Blvd. See project location and vicinity maps in attachment 3.

Work Description

- Supply labor, equipment, materials and supplies to perform the required work as shown on construction plans for MSB project number 35469.
- All work shall be substantially complete prior to March 31, 2021. Final Completion shall be obtained by June 30, 2021.
- Contractor will be required to obtain an ADEC APDES permit prior to earthwork activities.
- Contractor shall request locates from the utilities having facilities in the area. Use the Alaska Digline, Inc. Locate Call Center for the utilities. See Section 105-1.06 for digline number and a list of utility companies in the area.
- Contractor shall apply for a Traffic Control Permit from the Matanuska-Susitna Borough Permit Center prior to commencing work on the roads and bridges, and the Alaska Department of Transportation and Public Facilities prior to beginning any work affecting traffic on Willow-Fishhook Road.
- The estimated project construction cost is approximately \$500,000.

Bid Form

- Base bid Line Item 1 shall include all materials and labor required for the addition of a new single-lane span at the north end of Bridge 1831 and all items listed in the project specifications for the base bid of the new bridge span.
- Base bid Line item 2 shall include the cost of labor to re-install bridge deck and bridge rail materials for two existing 80-spans of bridge. Owner furnished materials are stockpiled in Willow, Alaska.
- Base bid Line items 3 and 4 shall include costs to furnish additional materials for contingencies in decking the existing bridge.
- Alternate bid Line item 1 shall include, at a per foot basis, the cost to furnish, splice and drive additional piling beyond the tip elevation shown on the contract documents if needed.

4m 21-003