

**SUBJECT:** Award of Proposal No. 21-160P, Design Point MacKenzie Road MP 0-7 Rehab to Kinney Engineering, for the contract amount of \$89,669.12.

**AGENDA OF:** August 3, 2021

**ASSEMBLY ACTION:**

*Approved under the consent agenda. 08.03.21 KBJ*

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

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

*UMB*

Route To:	Department/Individual	Initials	Remarks
	Purchasing Director	<i>[Signature]</i>	
	Public Works Director	<i>[Signature]</i>	<i>16 July 2021</i>
	Finance Director	<i>[Signature]</i>	<i>FOR CM</i>
	Borough Attorney	<i>[Signature]</i>	
	Borough Clerk	<i>[Signature]</i>	<i>KBJ</i>

**ATTACHMENT (S) :** Fiscal Note: Yes ☒ No ☐  
 Analysis Sheet (1p)  
 Scope of Services (2p)

**SUMMARY STATEMENT:** On March 25, 2021, the Matanuska-Susitna Borough Purchasing Division issued a solicitation requesting Proposals from qualified firms for qualified engineering firms to provide design services to rehabilitate and reconstruct Pt. MacKenzie Rd. from Knik-Goose Bay rd. to the T-intersection at approximately MP 7, referred to for this project as MP 0-7, over a six-year period. The intent of the project is to develop a phasing plan, survey, design, permit, and develop bid documents for each phase of the road repairs within the budget of the Road Service Area each construction season. The timeframe expected to complete the seven miles of road rehab and reconstruction is within five construction seasons. See scope of services for more detail.

Services purchased will support the Public Works Department in assembly district #5.

In response to the advertisement, five proposals were received. A proposal evaluation team made up of six Borough Public Works staffers evaluated the proposals and selected Kinney Engineering as the most advantageous firm for the Borough.

The initial contract period of performance (task #1) begins upon contract execution and ends on 12/31/2021. After each calendar year, a one-year time extension is required. Each time extension requires a change order by mutual agreement and Assembly approval. The Public Works Department, Project Management Division will be administering the contract.

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

**RECOMMENDATION OF ADMINISTRATION:** Award of **PROPOSAL NO. 21-160P, DESIGN PT. MACKENZIE RD. MP 0-7 REHAB** to **KINNEY ENGINEERING** for the contract amount of eighty nine thousand six hundred sixty nine **DOLLARS AND 12/100 CENTS (\$89,669.12)**.

MATANUSKA-SUSITNA BOROUGH  
FISCAL NOTE

Agenda Date: July 20, 2021

SUBJECT: Award of Proposal No. 21-160P, Design Point MacKenzie Road MP 0-7 Rehab to Kinney Engineering, for the contract amount of \$89,669.12.

ORIGINATOR: Purchasing

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT <u>YES</u> NO
AMOUNT REQUESTED <u>\$89,669.12</u>	FUNDING SOURCE <u>RSA Cap. Projects.</u>
FROM ACCOUNT # <u>410.000.000 4xx,xxx</u>	PROJECT # <u>30040-6600-6716</u>
TO ACCOUNT :	PROJECT #
VERIFIED BY: <u>Kristi Winters</u>	CERTIFIED BY:
DATE: <u>7/16/21</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>89.7</u>				
---------	--	-------------	--	--	--	--

REVENUE						
---------	--	--	--	--	--	--

FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds						
Other		<u>89.7</u>				
TOTAL		<u>89.7</u>				

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY: Sayla R. Lesley PHONE: \_\_\_\_\_

DEPARTMENT: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED BY: Chapman Kendall DATE: 7/20/21



## 21-160P - Design Pt. Mackenzie Rd. MP 0-7 Rehabilitation Scoring Summary

	Total	Objectives and Services	Relevant Project Experience	Proposed Project Staff	Methods	Management
Supplier	/ 100 pts	/ 24 pts	/ 22 pts	/ 19 pts	/ 18 pts	/ 17 pts
Kinney Engineering	81.63	19.2	16.87	15.2	16.2	14.17
Lounsbury & Associates	80.43	19.2	16.87	14.57	16.2	13.6
HDL Engineering Consultants LLC	78.33	17.6	19.8	15.83	13.2	11.9
The Boutet Company, Inc.	75.37	18.4	16.87	13.3	13.2	13.6
GNE	41.67	11.2	6.6	7.6	7.2	9.067

Am 21-076



## **SCOPE OF SERVICES**

### **21-160P, DESIGN PT. MACKENZIE RD. MP 0-7 REHABILITATION**

---

#### **Project Description**

The Matanuska-Susitna Borough (MSB) requests design services to rehabilitate and reconstruct Pt. MacKenzie Rd. from Knik-Goose Bay rd. to the T-intersection at approximately MP 7, referred to for this project as MP 0-7, over a six-year period. The intent of the project is to develop a phasing plan, survey, design, permit, and develop bid documents for each phase of the road repairs within the budget of the Road Service Area each construction season. The timeframe expected to complete the seven miles of road rehab and reconstruction is within five construction seasons. The anticipated budget for each season's professional services is between \$75,000 and \$90,000.

#### **Project Tasks and Services**

##### **Task #1 – Geotechnical Investigations, ROW research, and Phasing Identification**

Conduct geotechnical site investigations to provide accurate information for design and to aid in prioritizing each phase of the overall project. Geotechnical investigation shall incorporate the whole seven mile stretch and will be the main task performed within the first period of performance.

Geotechnical reports available from ADOT's investigation post-earthquake repairs are provided for informational purposes for sites at MP 2.4 and 6.4. Other information may be provided as it becomes available from ADOT's earthquake repair efforts, such as asbuilt surveys, photos, and other information gained during construction activities during summer 2022. Those earthquake repair efforts are around these approximate mile posts: MP 0.7, MP 2.4, MP 5.0, MP 6.4.

Conduct right-of-way (ROW) research throughout the project limits to identify any problem areas such as missing ROW or portions of the roadway that leave ROW.

Using geotechnical data, ROW research, and any other information provided, prioritize sections of the road rehabilitation for a five-year phased approach for discussion and Borough Assembly approval. Provide an engineer's estimate for each phase. The prioritized plan will then be designed one phase at a time until project completion in roughly one-year contract increments, dependent on Borough Assembly approval for each time extension or scope revision.

##### **Task #2 – Survey**

Conduct ROW survey for each phase separately as bid documents are developed. Locate and record all utilities within survey limits. Delineate right-of-way and parcel ownership, as well as driveway details within project limits. Perform topographic survey suitable to generate 1-foot contour intervals and to accurately design any changes in finished grade. Establish vertical and horizontal control within 0.1 foot accuracy.

Any easement descriptions and drawings will be covered on a Time & Expenses basis for this project as needed after design has progressed enough to identify the needs for each phase. The Borough will perform acquisition services with provided documents.

##### **Task #3 – Plans, Specifications, & Estimate**

Develop plans, specifications, and an engineer's estimate for construction for each phase, for up to five phases. It is anticipated that the following drawings will be required at a minimum for each phase:

*Am 21-076*

- Cover Sheet with Vicinity Map
- Survey Control
- Demolition
- Roadway plan and profiles
- Typical sections and details
- Traffic Maintenance

Task milestones include:

- 65% Design Review
- 95% Design Review
- 100% Final Construction Documents

Provide one hard copy of each set of documents to the MSB Project Manager as well as electronic files in PDF and AutoCad Civil 3D 2013. All final drawings shall be sealed by a civil engineer registered in the State of Alaska.

Develop one set of bid documents for each phase, for construction each season following design completion.

#### **Task #4 – Permitting**

Secure all permits necessary for construction. Any permitting needs will be covered by a Time & Expenses basis as needed for the project.

#### **Task #5 – RFI and Submittal Review**

During the bidding and construction phases, the consultant shall be prepared to answer RFI's and perform submittal reviews for construction. This task will be covered by a Time & Expenses basis as needed for the project.

#### **Period of Performance**

Provide one set of bid documents by the end of each calendar year after the phased plan is developed and design begins, for up to six years of total contract time. After each calendar year, a one-year time extension is required. Each time extension requires a change order by mutual agreement and Assembly approval.

	Start	End	Required Deliverables
Initial Period	06/2021	12/31/2021	Task 1 complete by 10/31/2021, All Phases Identified.
Year 2	1/1/2022	12/31/2022	Phase 1 final documents delivered
Year 3	1/1/2023	12/31/2023	Phase 2 final documents delivered
Year 4	1/1/2024	12/31/2024	Phase 3 final documents delivered
Year 5	1/1/2025	12/31/2025	Phase 4 final documents delivered
Year 6	1/1/2026	12/31/2026	Phase 5 final documents delivered
End of Contract	1/1/2027	6/30/2027	Time to allow for services under task 5 and contract completion

*AM 21-076*