

SUBJECT: APPROVAL OF CONTRACT CHANGE AMENDMENT NO. 1 FOR KINNEY ENGINEERING, LLC, CONTRACT NO. 21-160P, TO EXTEND THE CONTRACT COMPLETION DATE TO DECEMBER 31, 2022, AND ADD AN ADDITIONAL \$1,082,872.44 TO THE CONTRACT AMOUNT AND TRANSITIONING THE PROJECT FUNDING FROM ROAD SERVICE AREA 17 TO VOTER APPROVED 2021 TRANSPORTATION PROJECTS.

AGENDA OF: 12/21/21

ASSEMBLY ACTION:

approved under the consent agenda. 12/21/21 KBJ

MANAGER RECOMMENDATION: Present to the Assembly for consideration.

APPROVED BY MICHAEL BROWN, BOROUGH MANAGER:

MB

Route To:	Department/Individual	Initials	Remarks
	Originator	Cole Branham <small>Digitally signed by Cole Branham Date: 2021.12.13 08:55:45-09'00"</small>	
	Project Management Division Manager	Terry Dolan <small>Digitally signed by Terry Dolan Date: 2021.12.13 08:57:18-09'00"</small>	
	Public Works Department Director	Terry Dolan <small>Digitally signed by Terry Dolan Date: 2021.12.13 08:57:33-09'00"</small>	
	Purchasing Officer	Rustin M. Krafft <small>Digitally signed by Rustin M. Krafft Date: 2021.12.13 08:59:30-09'00"</small>	
	Finance Director	<i>CF</i>	
	Borough Attorney	<i>MS</i>	
	Borough Clerk	<i>MB</i>	<i>MB 12/13/21 KBJ</i>

ATTACHMENT(S): Fiscal Note: Yes ☒ No ☐

SUMMARY STATEMENT: Assembly approval of contract amendments (change orders) are required by MSB 3.08.170(c)(1) for contracts with an original award value of \$100,000 or less in which the contract amendment or change order, or cumulative contract amendments or changes orders, that will cause the total contract amount, as amended, to exceed \$100,000.

On August 5, 2021, the Matanuska-Susitna Borough entered into Contract 21-160P with Kinney Engineering, LLC for \$89,669.12 to Design Point MacKenzie Road, Mile Post 0-7 Rehabilitation.

Originally, this project was planned for a multi-year phased design and construction approach funded through the Knik Road Service Area. Since the design contract was awarded, the voters approved the 2021 Transportation Projects, which included Point MacKenzie Road. On December 7, 2021, OR 21-113 was approved which allocates grant funds to the 2021 Transportation Projects. The Public Works Department desires to condense the project design schedule for the Point MacKenzie Road Mile Post 0-7 project into one calendar year. Additional funding in the amount of \$1,082,872.44 is requested to complete the design of the project.

In accordance with MSB 3.08.170(c)(4), staff requests the approval of this contract amendment for Contract 21-160P, Kinney Engineering, LLC, Design Point MacKenzie Road, Mile Post 0-7 rehabilitation.

RECOMMENDATION OF ADMINISTRATION: Approval of contract amendment No. 1, for Kinney Engineering, LLC, Contract No. 21-160P, Design Point MacKenzie Road, Mile Post 0-7 Rehabilitation to extend the contract completion date to December 31, 2022 and add \$1,082,872.44.

MATANUSKA-SUSITNA BOROUGH

FISCAL NOTE

Agenda Date: 12/21/21

SUBJECT: APPROVAL OF CONTRACT CHANGE AMENDMENT NO. 1 FOR KINNEY ENGINEERING, LLC, CONTRACT NO. 21-160P, TO EXTEND THE CONTRACT COMPLETION DATE TO DECEMBER 31, 2022 AND ADD AN ADDITIONAL \$1,082,872.44 TO THE CONTRACT AMOUNT.

ORIGINATOR: Public Works/Project Management

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT <input checked="" type="radio"/> YES <input type="radio"/> NO
AMOUNT REQUESTED <u>\$1,082,872.44</u>	FUNDING SOURCE <u>State Grant</u>
FROM ACCOUNT # <u>430.000.000 4xx.xxx</u>	PROJECT
TO ACCOUNT :	PROJECT #
VERIFIED BY: <u>Kim Walend</u>	CERTIFIED BY:
DATE: <u>12-10-21</u>	DATE:

EXPENDITURES/REVENUES:

(Thousands of Dollars)

OPERATING	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL			<u>1082.9</u>			
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REVENUE						
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FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds			<u>1082.9</u>			
Other						
TOTAL			<u>1,082.9</u>			

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY: _____ PHONE: _____

DEPARTMENT: Chagennatkin DATE: _____

APPROVED BY: _____ DATE: 12/10/2021

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:

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- 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

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