

SUBJECT: Amending the scope of work and budgets for Contract 19-061P, Matanuska-Susitna Borough Aerial Imagery to NV5 Geospatial (formerly Quantum Spatial) to supplement funding for the acquisition of aerial imagery for 401 square miles surrounding the core Palmer, Wasilla and Houston populated areas.

AGENDA OF: March 16, 2021

ASSEMBLY ACTION:

Approval under the consent agenda. KBT 3.16.21

MANAGER RECOMMENDATION: Present to the Assembly for consideration.

APPROVED BY MICHAEL BROWN, BOROUGH MANAGER:

UMB

Route To:	Department/Individual	Initials	Remarks
	Originator	<i>B. Gordon</i>	
	IT Director	<i>EW</i>	<i>2-25-21</i>
	Purchasing Officer	<i>OW</i>	
	Finance Director	<i>CY</i>	
	Borough Attorney	<i>QA for N.S.</i>	<i>3/4/21</i>
	Borough Clerk	<i>KBT for LM</i>	<i>03.08.21</i>

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

SUMMARY STATEMENT: On January 23, 2019, the Matanuska-Susitna borough issued a solicitation requesting proposals from qualified firms for the collection of 3,000 square-miles of aerial imagery. This effort is occurring over a 3-year period. Contract 19-061P was awarded to Quantum Spatial Inc. in the amount of \$295,665 (AM 19-014).

A change order, change order 1, in the amount of \$56,834 was done in January 2020 due to the minimum overlap outlined in the original scope of work resulting in an unacceptable amount of tilt in

buildings and trees along the edges of the flight lines. These additional monies are covering the cost to increase the overlap for the 2020 and 2021 collection areas. This brought the new contract 19-061P total to \$352,499.

In accordance with the scope of work for contract 19-061P, Aerial Imagery for the Core Area of Palmer & Wasilla, Port Mackenzie, and the Glenn Highway Corridor (Area 1) was obtained in 2019. Imagery for the Parks Highway Corridor (Area 2) was obtained in 2020. Aerial Imagery for Petersville Road, Oilwell Road, the Susitna River and Central Landfill (Area 3) will be obtained in 2021 under this contract.

The E911 Advisory Board is requesting Aerial Imagery be obtained for 401 square miles surrounding the core Palmer, Wasilla and Houston populated areas in 2021 due to the significant amount of new construction that has occurred since 2019. This acquisition would add \$81,877 to Contract 19-061P bringing the new Contract total to \$434,376. Change Order 2 to Contract 19-061P will be expensed to the Aerial Imagery Project 47519 which has the monies available to cover this additional cost.

RECOMMENDATION OF ADMINISTRATION: Approval of change order 2 to contract 19-061P with NV5 Geospatial (formerly Quantum Spatial Inc.) adding \$81,877 for the acquisition of Aerial Imagery covering 401 square miles surrounding the core Palmer and Wasilla populated areas at the request of the E911 Advisory Board.

**MATANUSKA-SUSITNA BOROUGH
FISCAL NOTE**

Agenda Date: March 16, 2021

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ORIGINATOR: IT Department

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT YES NO MISC CAP PROJECTS
AMOUNT REQUESTED \$81,877	FUNDING SOURCE 47519-4202 480.000.000.429.900
FROM ACCOUNT # 480.000.000 4XX.XXX	PROJECT 47519-4202
TO ACCOUNT :	PROJECT #
VERIFIED BY: Kurt Meland	CERTIFIED BY:
DATE: 3-4-21	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		81.9				
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REVENUE						
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FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds						
Other		81.9				
TOTAL		81.9				

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY:

DEPARTMENT:

APPROVED BY:

Cherene Hand

PHONE:

DATE:

DATE:

3/4/21

February 5, 2021

Matanuska-Susitna Borough
Eric Goudey
350 E. Dahlia Avenue
Palmer, Alaska 99645

NV5 Geospatial (formerly Quantum Spatial) is providing a written cost estimate to acquire additional imagery for the Matanuska-Susitna Borough Aerial Imagery Program (#19-061P). The area of interest consists of 401 square miles surrounding the core Palmer and Wasilla populated areas. All specifications referenced in our technical proposal dated February 19, 2019 are valid, with the exception of the image overlap, which is increased to 80% along-track overlap and 60% sidelap as approved December 20, 2019. In addition to aerial imagery, we will collect 17 additional survey points for ground control and quality validation.

Core Urban Area Addition (401 sq mi)	Cost Estimate
Aerial Imagery – 6-in resolution	\$81,877

Should you have any questions, please call me, 907-272-4495, or email me at the address shown below.

Sincerely,



Adam McCullough
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amccullough@quantumspatial.com