

New York Statewide Digital Orthoimagery Program Contract C300036

Task Order Lot_18_1

AXIS Geospatial, LLC is tasked with supplying the services described in the referenced contract for NYSDOP Annual Lot 18, described below and with the estimated values shown below. Costs are based on the cost matrixes with unit prices for the relevant orthoimagery and LIDAR types.

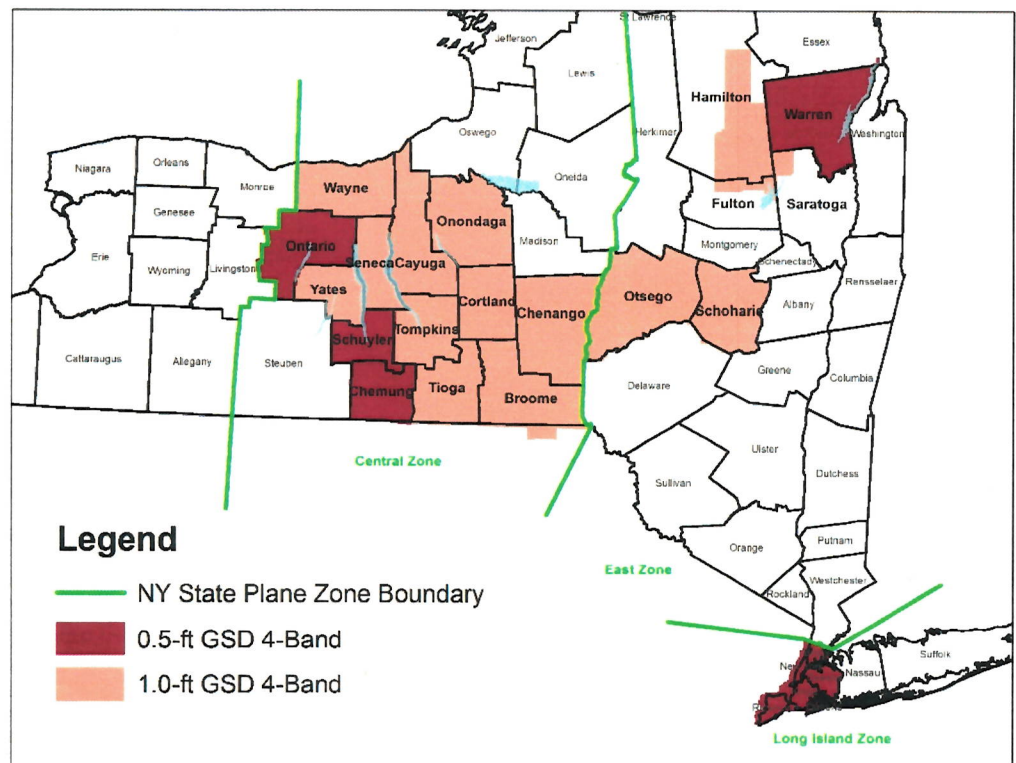
This task order is supplied to support project planning and does not replace any requirements in the referenced contract or other related documents, nor does it replace requirements for other annual lots which may still be in progress.

Orthoimagery Project Area

Orthoimagery will be produced for New York City and all or part of 19 counties in 2018. The orthoimagery deliverable is tasked as three different blocks. NYC will be treated as one block of 0.5-ft resolution orthoimagery in the New York State Plane Long Island Zone.

The second block consists of areas remaining from the 2017 tasking and includes both 1.0-ft resolution and 0.5-ft resolution orthoimagery in the East SPCS Zone. The 1.0-ft area covers portions of Fulton, Saratoga, and Hamilton Counties. The 0.5-ft area covers all of Warren County.

The third block includes both 1.0-ft resolution and 0.5-ft resolution orthoimagery. The 1.0-ft area spans both the Central and East SPCS Zones, covering Broome, Cayuga, Chenango, Cortland, Onondaga, Otsego, Schoharie, Seneca, Tioga, Tompkins, Wayne, and Yates Counties. Chemung, Ontario, and Schuyler Counties are covered with 0.5-ft resolution orthoimagery in the Central SPCS Zone.



Orthoimagery Deliverables

The preceding map shows the final orthoimagery types to be delivered for Lot 18.

Current tile grids (March 2018) provide the areas for mandatory deliverables shown in the following table.

Imagery Block	Tiles	Area (mi²)
NYC Outer Boroughs	1,885	422.59419
NYC Manhattan	164	36.76682
Warren County 6-inch	4,589	987.64635
Hamilton-Fulton-Saratoga 12-inch	3,789	815.47004
Central (29,294) and East (8,132) Zone 12-inch	37,426	8,054.83815
Central Zone 6-inch	7,106	1,529.35606

Orthoimagery Value

Based on the areas described above and the referenced Contract, the assigned orthoimagery tasks for NYSDOP Annual Lot 18 have the following estimated value.

Item Description	Estimated Value
Orthoimagery Mandatory Deliverables	\$558,544.32
Maximum Bonus for Early Delivery of Raw Imagery	\$16,756.33
Maximum Bonus for Early Delivery of Orthoimagery	\$39,098.10
Total	\$614,398.75

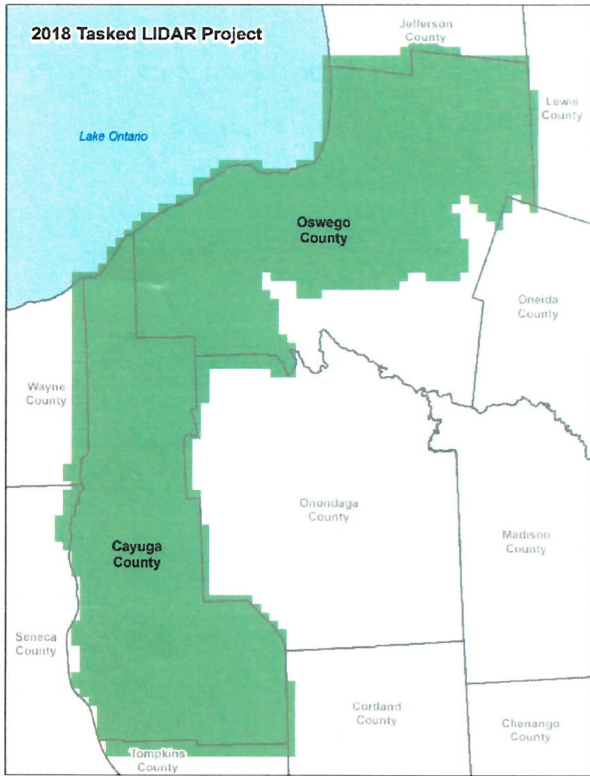
Due Dates for all Orthoimagery Deliverables

Due dates for deliverables are as set below. Assignment of imagery unit areas to Sub-lots will be set during or soon after the Post-Flight Meeting.

PROJECT EVENT	DAY	DATE
Delivery of 1 st Sub-Lot of the 18 th Annual Lot of DOP	Wednesday	9/12/18
Delivery of 2 nd Sub-Lot of the 18 th Annual Lot of DOP	Tuesday	10/16/18
Delivery of 3 rd Sub-Lot of the 18 th Annual Lot of DOP	Wednesday	11/14/18
Delivery of 18 th Annual Lot Optional Deliverables	Friday	02/15/19

LIDAR Project Area and Deliverables

LIDAR will be collected and processed for one project area. The LIDAR collection will support the production of deliverables meeting Quality Level B specifications and USGS 3DEP requirements. The project covers most of Cayuga and Oswego Counties. The map below shows the area of interest.



LIDAR deliverables must meet the specifications in the contract, including the referenced USGS requirements. The current USGS specifications for LIDAR are contained in version 1.2 (November 2014) of "LIDAR Base Specification, Techniques and Methods 11-B4". Data will be produced referencing UTM Zone 18N.

LIDAR Deliverables Value

Project Area	Number of Tiles (1500 m x 1500 m)	Square Miles	Estimated Value
Cayuga-Oswego	1,980	1,720.08512	\$470,908.00

Due Dates for LIDAR Deliverables

A schedule for deliveries for the LIDAR Project will be set during or soon after the Post-Flight Meeting. The project areas will be subdivided into production/delivery blocks to expedite final review of classified LIDAR and DEM tiles. The goal is to have final products by Spring 2019.

ACCEPTED and AGREED:

NYS ITS – GIS Program Office

Signature: 

Printed Name: Tim Ruhren

Title: NYS DOP Manager

Date: 3/23/18

AXIS Geospatial, LLC

Signature: 

Printed Name: Justin T. Lahman

Title: President

Date: 3/28/18