

Vermont Imagery Program

Buy-up Guide

2023-2025

Version 1.0



Summary

The State of Vermont has established a contract with vendors to collect and quality control 30cm statewide orthoimagery as well as “optional buy-up products,” which consists of 15cm higher resolution orthoimagery. This document describes this optional product, a pricing schedule, and how State agencies or Regional Planning Commission can work with the VCGI to acquire these products for their areas of interest.

Buy-up Program

- 1. Description of Program:** Buy-up products are optional contract items which the State of Vermont has negotiated with contractors. State agencies and Regional Planning Commissions (RPCs) can choose to purchase these products. The VT Center for Geographic Information¹ (VCGI) manages Vermont’s Imagery Program and its associated Buy-up Options Program .
- 2. Description of Product:** 15cm resolution orthoimagery in alignment with base ortho specifications.



Figure 1- Example 15cm GSD and 30cm GSD resolutions.

Pixel Size GSD	ASPRS Horizontal Accuracy Class RSMEx and RSMEy	Orthoimage RMSEx and RMSEy in terms of pixels	Horizontal Accuracy at the 95% Confidence Level (cm)	Associated ASPRS 1990 Legacy Map Scale
15 cm	30 cm	2-pixels	36.7	1:1,200

¹ VCGI is a Division under the VT Agency of Digital Services (ADS)

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3. Product Pricing (Acquisition and QC): The following pricing schedule designates the agreed upon pricing for buy-up options.

- a. **Small Buy-up Areas:** Less than 50 square miles.
- b. **Medium Buy-up Areas:** Greater than or equal to 50 square miles; less than 700 square miles.
- c. **Large Buy-up Areas:** Greater than or equal to 700 square miles.

Product	Description	Small Areas (per sq mile)	Medium Areas (per sq mile)	Large Areas (per sq mile)	Cost per Unit
15cm ortho	15cm GSD orthoimagery	\$342.35	\$103.52	\$76.54	X
	Ground survey points	X	X	X	\$466.00

Table 1 - Acquisition Pricing

Product	Description	Price per Sq Mile (\$)
15cm ortho QC	QC of 15cm GSD orthoimagery	\$17.98

Table 2 - QC Pricing

Note: Individual buy-up task order cost will be determined by the number of optional buy-up products AND the number of square miles PLUS the cost of quality control.

- 4. **Buy-up Products already being acquired by VCGI:** Refer to Attachment A. State agencies and RPCs are invited to purchase additional 15cm orthoimagery beyond these areas.
- 5. **Next Steps?** Contact Steve Sharp at steve.sharp@vermont.gov by November 30th to discuss details.

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ATTACHMENT A VCGI's 15cm Buyup Plan

