

Agreement No. 15-GN-11091300-109
Catastrophic Event Response to Aid Restoration
Appendix C: Statement of Work

I. Project Description:

This project's main purpose is to aid the restoration of the Forest after a large, Forest impacting, natural disaster, e.g., gathering vegetation information and restoring access to aid a restoration response. The WDNR could collect aerial images of select storm-impacted areas along with other useful data or aid with clearing roads to allow for safe restoration activity access. All the activities should support prescription writing updates, inform revegetation needs, and allow the Forest to understand what additional restoration activities are needed.

II. Objectives:

1. Conduct aerial reconnaissance of large event affected acres and clear access roads to impacted areas.

III. Tasks and Timeline:

The tasks and general timeline for this project are as follows:

Timeline	Task Description (Cost estimates)
Fall/Winter 2019	Gather aerial data after location of reconnaissance is known (\$10,000)
	Supply data to the Forest Service
	Clear access roads for restoration needs

DNR staff would use an unmanned aerial vehicle (UAV or "drone") to reconnoiter areas specified by the Forest Service. Following the flights, the DNR staff would provide Forest Service contacts with aerial imagery and associated GPS files. Cost estimate assumes 2 personnel at \$250 each per day working for 15 work days. In addition, vehicle costs and drone time is assumed at \$2,500.

DNR staff will communicate with Lakewood-Laona District to understand where road clearing needs to occur to facilitate restoration needs.

IV. Point of Contacts:

- **Forest Service: Lakewood-Laona District, Zach Parmentier, 715-674-4481x6240, zachary.m.paramettier@usda.gov**
- **Wisconsin DNR: Rich Lietz, 715-850-2770, Richard.Lietz@wi.gov**

V. Maps/Diagrams:

Maps/diagrams will be provided by the district if needed.