



Public Works Service Operations

DATE: April 23, 2024

FROM: Steven Salwei, Director Public Works Services

ITEM: Subrecipient Grant Application Request

REQUEST:

Permission for the Weeds Division to assist the Bismarck Parks and Recreation Board, as a subrecipient, in the application for two grants for noxious weeds management on Parks property.

BACKGROUND INFORMATION:

Bismarck Parks and Recreation would like to apply for two grants which will help them manage noxious weeds throughout the Park District. Because the City of Bismarck has its own Weed Board and Weed Officer, the City needs to submit these applications to the State Department of Agriculture and Bismarck Parks and Recreation would be the subrecipient. One grant from the ND Department of Agriculture will provide funding for the purchase mapping technology which will allow Parks and Recreation to record and manage their pesticide applications across the park district. The second grant will provide funding which will allow Parks and Recreation to hire a contractor to perform herbicide application via drone in difficult to manage areas in the coulees along Valley Drive Park.

RECOMMENDED CITY COMMISSION ACTION:

Grant permission to the Weeds Division to assist Bismarck Parks and Recreation in the application of two grants which will provide technology and resources for the management of noxious weeds on Parks and Recreation property.

STAFF CONTACT INFORMATION:

Douglas Wiles, City Forester, 701-355-1722, dwiles@bismarcknd.gov

ATTACHMENTS:

1. Aerial Drone Spraying Grant
2. Noxious Weed Mapping Technology Grant Application_ (003) (003)

**North Dakota Department of Agriculture
U.S. Forest Service Weed Control Cost-Share Funding Request**

Section 1. Applicant Details

Project Coordinator:	Mike Sullivan/David Mayer	Project Agency:	Bismarck Parks and Recreation		
Address:	627 West Arbor Ave				
City:	Bismarck	State:	ND	Zip Code:	58504
Telephone Number:	701-222-6464	Email Address:	msullivan@bisparks.org		

Section 2. Cost-share Request Details

Project Title:	Bismarck Parks and Recreation				
Project Location: (address, GPS coordinates, or TRS description)	46°51'18.3"N 100°48'32.8"W				
Project Purpose:	The Purpose of the grant application is to further the control of noxious weeds in the district. With the additional funds we will be better able to control problem areas.				
Total Cost of Project:	6825.60	Amount of Funding Requested:	3412.80		
Funding Period:	Start date: 3/19/24		End date: 9/20/24		
Approx. Acres to be treated or controlled:	31.84 Acres				
Methods of Control (check all that apply):	Herbicide <input checked="" type="checkbox"/>	Biological <input type="checkbox"/>	Cultural <input type="checkbox"/>	Mechanical <input type="checkbox"/>	Re seeding <input type="checkbox"/>
Other (describe):					
Weeds targeted in proposed project:	Wormwood, Thistle, and Leafy Spurge.				

Section 3. Funding Requirements

Before your project is considered, please note the below requirements:

1. Project area must have a minimum 10% forest cover or consist of infested lands adjacent to or associated with weed-threatened forested lands.
 - a. **Does your project meet the forested requirement?** YES NO
2. Federal cost-share required is 50%.
3. Funding can include a percentage of labor, supplies, and equipment. Equipment purchased must be pre-approved and detailed in the project description.
4. Treatment acres must be reported annually. Treatment is defined as herbicide, biological control, cultural control, mechanical, or re seeding.

Do you agree to the above requirements? YES NO

Section 4. Detailed Project Description

Spray Valley Drive Park with Aerial Done, for control of noxious weeds to include Canadian Thistle, Leafy Spurge, and other noxious weeds present.

	3/22/24
Applicant Signature	Date

Noxious Weed Mapping Technology Grant Application

Applicant Weed Board:

Primary Contact: City of Bismarck (Bismarck Parks and Recreation District)

Address:

Phone Number:

Email:

Amount Requested (75% but no more than \$7,600):

Match Amount (at least 25%):

Total Equipment cost (100%):

Project Purpose

Why is this grant important to your program?

Purchasing this new software and hardware it would enable our staff to better manage record and track herbicide/pesticide applications. The GPS tracking would ensure better application coverage and assist in not over applying due to inadvertent overlap.

If your county currently is using similar technology, what is being used?

We are not currently using this technology; this would be an improvement for our system of recordkeeping. The software will allow applications to be tracked electronically and improve efficiency.

How will this benefit your county?

This will increase efficiency in retrieving documentation for applications in areas where requests are made.

In what ways will the data/information be utilized?

The data will be used to track areas that have been treated. Dates, time, chemical types, weather, etc. will be more accurately tracked and documented.

Does your county have the funds to pay the continuing costs of the chosen equipment, such as subscriptions (Note: TAG funds can be used for this purpose)? Yes, this will be accounted for in our annual budget.

Noxious Weed Mapping Technology Grant Application

Project Goals

How many mapping units is your county requesting?

We would be requesting 1 initially.

Where will these units be installed? (Vehicle, ATV/UTV, Backpack)

The unit would be installed on a UTV

What company are you planning on purchasing from?

We were planning on purchasing from Spray Sync.

By what date do you plan on having these installed?

We plan to have it installed by June or earlier, depending on when the equipment is available and shipped.

What date did the company quote for delivery of the equipment?

Current lead time to have the equipment shipped is 1-2 weeks. If the equipment is to be installed by Spray Sync, the tentative timeframe is late April to beginning of May for installation.

DM Applicant understands there will be a cost share of 25% to the county and 75% to the state.

DM Applicant has attached a quote if purchasing equipment from a company other than what is included on the state contract with Spray Sync

DM Applicant agrees to work with the Dept. of Agriculture GIS specialist to analyze data.