Grant Opportunity - Common raven population modeling to complement subproject 41 in the FY 2017 Predator Management Plan

Proposals are due no later than close of business Friday, November 25, 2016. Grant proposals, questions and requests for project maps should be directed to: Pat Jackson pjackson@ndow.org.

The purpose of this grant opportunity is for modeling common raven densities throughout the state of Nevada.

Grant Application Instructions:

Please refer to the scope of work below for details regarding the common raven population modeling project. Proposals should include the following minimum:

- Brief description of how the scope of work will be performed along with a schedule of activities;
- Identification of the agency, university, or research organization on official letterhead;
- Identification of the project manager and any supporting staff along with a brief description of their qualifications (biographical sketch or CV format);
- A proposed cost estimate with detail to include: salary, travel, per diem or any specialized software requirements and other anticipated expenses.

Grant Eligibility (must meet all of the following criteria)

This project is designed for a researcher experienced in Greater Sage-Grouse and common raven biology, and research in the Great Basin. Thus to be eligible individual must have:

- Experience estimating avian densities and population dynamics;
- Experience in Greater Sage-Grouse and common raven interactions;
- Experience in developing avian resource selection functions;
- Access to a university based library;
- Proficiency with a coding program such as Program R, SAS, or SPSS;
- Experience in researching lethal removal of common ravens.
- Ability to enter into a Subgrant Agreement with the State of Nevada and abide by and assure to operate in complying with all requirements.

Scope of Work

Duties will include building models to estimate common raven densities statewide, estimate historical population trends of common ravens statewide, increase understanding of various common raven thresholds and their impacts on Greater Sage-Grouse, and increase understanding of anthropogenic subsidies on common raven populations. These models will also complement existing work with Greater Sage-Grouse brood survival; the aforementioned models will help the department identify areas where lethal and nonlethal common raven management is necessary. Work will begin as soon as possible and end no later than December 31, 2017.

Schedule of Activities

Provide a report detailing the development of Common raven resource selection function model by June 30, 2017.

Reporting

Provide invoice(s) showing hours billed, per diem, or materials purchases to NDOW (electronic format) within 30 days of project completion but no later than June 30, 2017.