



MODOC RESOURCE CONSERVATION DISTRICT

REQUEST FOR PROPOSAL (RFP) FOR ENGINEERING SERVICES

Project Title: Modoc Recreational Estates Evacuation Route Improvement Project

Project Location: Modoc Recreational Estates, Modoc County

Client: Modoc Resource Conservation District

Date: August 5, 2024

1. Project Overview:

Modoc Resource Conservation District (MRCDD) is seeking engineering services to prepare a preliminary engineering report to assess the feasibility and initial requirements for upgrading approximately three miles of dirt and gravel roadway to durable all-weather roadway. The purpose of this project is to enhance fire safety measures by establishing a reliable evacuation route which is accessible year-round by automobiles. Modoc Recreational Estates is a large residential subdivision in Modoc County located North-Northeast of the City of Alturas with the only paved access being Pencil Road. There are approximately 1,857 parcels covering an area of around 3,965 acres. According to the County, there are 343 homes, seventy-two of which are stick built and 271 are manufactured homes. The Modoc Recreational Estates Fire Mitigation Plan (July 2007) identified the need for an alternative evacuation route and the Modoc County Community Wildfire Protection Plan (2022) listed the need as a high priority for the community.

2. Introduction

The purpose of the preliminary engineering report is to evaluate the current conditions, assess the feasibility, and initial requirements for upgrading the following roadways into fully functional all-season gravel roadways:

1. Pheasant Drive, beginning at the intersection with Steelhead Lane to Pintail Drive, approximately 9,340 feet.
2. Mallard Lane, from the intersection of Pintail Drive to Hilltop Lane, approximately 3,820 feet.

The report should outline the necessary improvements required, preliminary design considerations, and a detailed cost estimate to ensure the upgraded road meets County and State standards and functional requirements throughout all seasons.

3. Objectives

- Evaluate the existing conditions of the existing roadways.

- Identify preliminary design and construction requirements for improving the roadways to an all-season gravel surface.
- Estimate preliminary costs and project timeline.
- Provide recommendations for detailed engineering studies and subsequent steps.

4. Scope of Work

4.1. Preliminary Site Assessment

- **Visual Inspection:** Conduct an initial visual inspection of the roadways to assess surface conditions, width, alignment, and existing drainage features.
- **Field Measurements:** Collect basic measurements of road width, length, and any notable defects or issues.
- **Geotechnical Overview:** Perform a preliminary geotechnical evaluation, including surface soil testing, to assess suitability for gravel roadway and potential needs for soil stabilization.

4.2. Preliminary Design Considerations

- **Road Design Parameters:** Establish initial design parameters, including road width, cross-section, and alignment based on current road conditions and anticipated traffic loads.
- **Drainage Assessment:** Identify preliminary drainage issues and recommend potential solutions to prevent erosion and manage runoff.
- **Materials Assessment:** Determine preliminary material requirements, including type and quantity, based on existing soil conditions and design criteria.

4.3. Cost Estimation and Budgeting

- **Preliminary Cost Estimate:** Provide a detailed cost estimate covering materials, labor, equipment, and other associated costs based on initial design parameters and local pricing.
- **Budget Considerations:** Outline preliminary budget considerations, including environmental assessment, permitting fees and contingencies for unforeseen conditions.

4.4. Environmental and Regulatory Overview

- **Initial Environmental Impact:** Conduct a preliminary review of potential environmental impacts associated with the proposed road upgrade.
- **Regulatory Requirements:** Identify key regulatory requirements and potential permits needed for the project, including any necessary environmental assessments.

4.5. Recommendation and Subsequent Actions

- **Further Studies:** Recommend any additional studies or analyses required to develop a detailed engineering design, including in-depth geotechnical investigations and detailed environmental assessments.
- **Stakeholder Consultation:** Suggest preliminary stakeholder engagement steps to ensure community input and address any local concerns.

5. Deliverables

Preliminary Engineering Report: A comprehensive report which will include.

- Findings from the site assessment, preliminary design considerations, and cost estimates.
- Preliminary Design Sketches: Basic sketches or diagrams illustrating the proposed road design and drainage solutions.
- Cost Estimate Summary: A summary with a separate detailed cost estimate for each of the two roadways and then a combined detailed cost estimate.
- Regulatory and Environmental Overview: A summary of identified regulatory requirements and preliminary environmental considerations.

PROPOSAL REQUIREMENTS:

Interested engineers/engineering firms are requested to submit proposals that include the following:

- a) Company profile, CA license # and relevant experience with similar projects.
- b) Proposed methodology and approach to conducting the engineering study.
- c) Project timeline with key milestones and deliverables. Note: this study is being funded by a grant from the Sierra Nevada Conservancy. As this grant will expire on December 31, 2024, the final report is needed no later than December 15, 2024.
- d) Detailed cost proposal with breakdown of fees and expenses. The District will require an electronic copy and five (5) hard copies of the final report. The cost proposal should include a not-to-exceed amount, which includes reimbursables.

SUBMISSION DETAILS:

Proposals must be submitted no later than August 22, 2024, to Michael Colbert at mcolbert.mrcd@outlook.com . Late submissions may not be considered. All inquiries regarding this RFP should be directed to Michael Colbert at mcolbert.mrcd@outlook.com or 530-640-2179.

EVALUATION CRITERIA:

Proposals will be evaluated based on the following criteria:

- a) Experience and qualifications of the firm and project team.
- b) Methodology and approach to conducting the feasibility study.
- c) Cost-effectiveness of the proposal.
- d) Estimated Project Schedule
- d) Compliance with proposal submission requirements.
- e) Past performance and references.

ADDITIONAL INFORMATION:

- a) The issuance of this RFP does not commit our organization to award a contract or to pay any costs incurred in the preparation of proposals.
- b) Our organization reserves the right to reject any or all proposals received, or to negotiate separately with competing firms.
- c) Any contract resulting from this RFP will be subject to terms and conditions mutually agreed upon by both parties.

Thank you for considering this opportunity. We look forward to receiving your proposal.

Modoc Resource Conservation District
221 W. 8th Street
Alturas, CA 96101
<https://www.modocrd.org/>

August 5, 2024

Attachments

- Map of Pheasant Drive
- Map of Mallard Lane