Lava Roads Repair Project

Statement of Work

General Information

1.0 Scope of Work

This project includes the completion of the following construction activities:

9.84 miles of roadway obliteration;
10.85 miles of linear grading;
10.46 miles of roadway reconditioning;
8.75 acres of clearing and grubbing;
Construction of 269 rolling grade dips;
Placement of 1800 cubic yards of crushed aggregate.

2.0 Background

This project is designed to provide watershed resource structural improvements in the Lava Roads project area, with a goal of reducing sediment delivery into streams, improving system roads, and enhancing and increasing public access. Location: USFS Shasta Trinity National Forest, Mt Shasta Ranger District. T 42 N, R 4 W, Sec. 1, 2, 3, 4, 8, 9, 10, 11, 12, 15, 16, 17, 18, 20, 21, 22, 23, 26, 27; T 43 N R 4 W. Sec. 35, 36; T 43 N, R 3 W, Sec. 20, 21, 28, 29, 30, 31, 32, 33; T 42 N, R 3 W, Sec. 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25, 29; T 42 N, R 2 W, Sec. 17, 18, 19, 20. See Appendix A for vicinity and project maps. Georeferenced maps will be provided to the contractor prior to contract implementation.

Contractor Requirements

3.0 Technical Requirements / Tasks

The Federal Highway Administration's *Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-14* is included by reference. The requirements contained in these specifications are hereby made a part of this solicitation for the specified pay items and any resultant contract. The FP-14 can be downloaded here: http://www.wfl.fhwa.dot.gov/design/specs. The contractor will also be responsible for maintaining permits, and insurance to perform work on federal lands and in the State of California.

Highway Permits. Contractor is responsible for securing any overload and over-size/width limit permits required for the transport of materials or equipment to the project site. The Contractor is responsible for conducting a thorough reconnaissance of all routes leading to the site.

License. The Contractor shall possess and maintain a valid California contractor's license appropriate for the required road construction work. If the Contractor intends to subcontract any portion of the work, all proposed subcontractors shall be identified in the quote submission and shall also hold a valid and appropriate California contractor's license. All licenses must remain active and in good standing for the duration of the contract.

Pay Item 15101 – Mobilization

Pay Item 20425 – Drainage Excavation (Rolling Dip Type II); This work will conform to The Federal Highway Administration's *Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-14 Section 204,* and consists of the construction of rolling dips for roadbed drainage purposes. See Appendix B for Standard Specifications related to Pay Item 20425. See Schedule of Items and Work List for roads requiring drainage excavation.

Pay Item 21101 – Roadway Obliteration; This work will conform to The Federal Highway Administration's *Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-14 Section 211 – Roadway Obliteration,* and consists of obliteration of roads and reestablishment of natural drainage features. See Appendix B for Standard Specification related to Pay Item 21101. See Project Map, Schedule of Items, and Work List for roads requiring obliteration.

Pay Item 21201 – Linear Grading; This work will conform to The Federal Highway Administration's *Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-14 Section 212 – Linear Grading,* and consists of the reconstruction of numerous roads in the project area, as well as linear grading to serve maintenance needs on other project roads. See Appendix B for Standard Specification related to Pay Item 21201. See Project Map, Schedule of Items, and Work List for roads requiring linear grading.

Pay Item 30201 – Untreated Aggregate Course; This workwill conform to The Federal Highway Administration's *Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-14 Section 301 – Untreated Aggregate Course,* and consists of furnishing and placing crushed aggregate for roadway aggregates on a prepared surface. See Appendix B for Standard Specification related to Pay Item 30201. See Project Map, Schedule of Items, and Work List for roads requiring untreated aggregate course.

Pay Item 20101 – Clearing and Grubbing; This workwill conform to The Federal Highway Administration's *Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-14 Section 201- Clearing and Grubbing,* and consists of clearing and grubbing tress, brush, downed timber, and other vegetation within the clearing limits designated in the plans. See Appendix B for Standard Specification related to Pay Item 20101. See Project Map, Schedule of Items, and Work List for roads requiring clearing and grubbing.

Pay Item 30301 – Roadway Reconditioning; This workwill conform to The Federal Highway Administration's *Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-14 Section 303– Roadway Reconditioning,* and consists of the re-establishment of drainage features, constructing leadouts, grading and shaping existing road to provide better drainage, and clearing vegetation and debris within road prism as shown in the road reconditioning typical. See Appendix B for Standard Specification related to Pay Item 30301. See Project Map, Schedule of Items, and Work List for roads requiring Roadway Reconditioning.

4.0 Government Furnished

There will be no government furnished property.

5.0 Deliverables / Schedule

The period of performance is to be 180 days. Anticipated start date 1 June 2026.

Tasks and Associated Deliverables: Timely submission of deliverables is essential to successful completing this requirement. Schedules for deliverables are specified in Table 1 below.

Reporting Requirements: The contractor is required to provide monthly written progress for the duration of actual work during the period of performance. The original and 1 copy are required. The progress report shall cover all work completed during the specified period and shall present the work to be accomplished during the subsequent period. This report shall also identify any problems that arose and a statement explaining how the problem was resolved. This report shall also identify any problems that have arisen but have not been completely resolved and provide an explanation.

Key Deliverables

Item No.	Deliverable	Objective	Due
20425	Excavation of 269 Type II Rolling Dip (See FP-14)	Establish proper and effective drainage on system roads to prevent roadbed failure, loss of road bed aggregate, and to protect stream channels, riparian reserves, and water resources.	No later than one hundred and eighty (180) business days after contract start date.
21101	Obliteration of 9.84 miles of system roads; Method 2 (See FP-14)	Prevent unauthorized access onto damaged and unsafe roads, reestablish natural drainage features and hydrologic function.	No later than one hundred and eighty (180) business days after contract start date.
21201	10.85 miles of Linear Grading (See FP-14)	Construct new roads and maintain existing roads.	No later than one hundred and eighty (180) business days after contract start date.
30201	Placement of 1800 cubic yards of Untreated Aggregate Course (See FP-14)	Construct sustainable and well-draining roadbeds and surfaces.	No later than one hundred and eighty (180) business days after contract start date.
20101	8.75 acres of Clearing and Grubbing (See FP-14).	Remove encroaching roadside vegetation and reestablish travel routes and sightlines.	No later than one hundred and eighty (180) business days after contract start date.
30301	10.46 miles of Roadway Reconditioning (See FP-14).	Reestablishment of drainage features, construction of leadouts, grading and shaping of existing road to provide better drainage, and clearing vegetation and debris within road prism to maintain travel way and establish sight lines.	No later than one hundred and eighty (180) business days after contract start date.

Submittals

Submittals for this project include, but are not limited to:

o Bonds (when required): o Bid Bond
- o Performance Bond
- o Payment Bond

o Materials Approval, Slips, Testing
- o Material: Approval of all materials

o Site Safety Plan:
- o Safety Plan Submission: A detailed plan outlining safety measures and protocols to be followed on- site.

o Proposed Project schedule / Plan / Project Updates Weekly:
- o Defining the responsibilities, timeline, risks and milestones of contract objectives.
- o Weekly Progress Reports: Regular updates on the project's status, including completed work, upcoming tasks, and any issues encountered.
- o Schedule Updates: Revised project schedules reflecting any changes or delays.

6.0 Travel

Travel to and from project locations will be the responsibility of the contractor. No government furnished travel or reimbursement is provided.

7.0 Security Requirements

No security clearances are required for this contract.

8.0 Data Rights

All data provided to prospective bidders and contract awardees will be the property of the USFS and will not be used for purposes other than the execution of this contract.

9.0 Fire Plan

The Contractor shall contact the designated Forest Dispatch Center each day prior to the start of operations to obtain the predicted Project Activity Level (PAL) for the work area. The Contractor is responsible for ensuring that all on-site activities comply with the daily PAL requirements and for adjusting, limiting, or suspending work as required based on the fire danger level.

The Contractor shall fully adhere to all fire prevention and operational restrictions outlined in the Project Fire Plan. Depending on the PAL and conditions identified by the Forest, restrictions may require the Contractor to cease operations as early as 1:00 p.m., limit the type of equipment used, increase fire-watch requirements, or suspend operations entirely on days of elevated or extreme fire danger.

The Contractor shall prepare, implement, and maintain a Fire Plan that meets the standards and requirements provided in Appendix C. The Fire Plan shall be available on-site at all times, and all personnel shall be trained in its contents and procedures.

10.0 Additional Requirements

The Contractor is responsible for implementing all required traffic control measures and equipment staging practices within the project work areas while operating on National Forest System lands. Traffic control shall be planned and executed in a manner that ensures the safety of the public, Forest Service personnel, and construction crews, and shall conform to all applicable federal, state, and local requirements, as well as site-specific conditions identified by the Government.

Certain areas within the project limits contain sensitive heritage resources that require monitoring during construction activities. The Contractor shall comply with all restrictions associated with these designated heritage areas and shall coordinate with the COR regarding required monitoring. If any previously unidentified heritage resources, cultural materials, or artifacts are discovered during project implementation, the Contractor shall immediately halt all work in the affected area and notify the COR. Work may not resume in that area until authorized in writing by the COR following appropriate resource evaluation.

The Contractor shall ensure all construction equipment and vehicles are thoroughly cleaned prior to mobilizing onto National Forest System lands and prior to moving between project areas. Equipment shall be free of soil, mud, seeds, vegetative matter, or other debris that could introduce or spread invasive plant species. The Contractor is responsible for maintaining clean equipment throughout the duration of the project to support Forest Service invasive weed prevention standards.

SUPERVISION AND PERMITS

A qualified superintendent with full authority to act on behalf of the Contractor shall be present on-site at all times during project operations. The Contractor assumes full responsibility for the protection of all work, materials, equipment, and property until final acceptance by the Government.

COORDINATION AND PROTECTION

The Contractor shall coordinate all work activities with other contractors, utility providers, and ongoing Government

operations to avoid conflicts or interference. All existing vegetation, structures, utilities, roadways, and site improvements shall be protected from damage unless removal or modification is specifically authorized in the contract. Any damage caused by the Contractor or its subcontractors shall be repaired or restored to the satisfaction of the Government at the Contractor's expense.

OPERATIONS, STORAGE, AND USE

Construction operations, equipment parking, staging, and material storage shall be confined to designated areas approved by the Contracting Officer. Establishment of temporary facilities—including but not limited to laydown yards, access routes, or support structures—requires prior Government approval. The Government reserves the right to take possession of or use completed or partially completed portions of the work when necessary, without prejudice to the terms of the contract.

SITE MAINTENANCE AND SAFETY

The Contractor shall maintain a clean, orderly, and safe worksite throughout the entire duration of the project. All waste, debris, and non-Government property shall be removed upon project completion. The Contractor shall implement and enforce a comprehensive accident-prevention program that meets OSHA requirements and all other applicable safety regulations. When the Contracting Officer identifies unsafe conditions or practices, the Contractor shall take immediate corrective action.

GOVERNMENT QUALITY ASSURANCE

The Government will perform periodic inspections during construction and may inspect completed pay items to verify that work meets all contract requirements, performance standards, and acceptable quality levels. Determinations of acceptability will be based on these inspections and are considered final. If visual inspection indicates that any pay item or performance standard does not meet acceptable quality levels, the Contractor shall rework or correct the deficiency at no additional cost to the Government. Before final acceptance, all areas used or occupied by the Contractor shall be cleared of rubbish, excess materials, temporary structures, and equipment, leaving the site in a neat, clean, and presentable condition.

The Contractor shall use new, high-quality materials and skilled workmanship unless otherwise specified. Any proposed substitutions or deviations must be submitted in writing and approved in advance by the Contracting Officer.