US Department of Agriculture (USDA)

Statement of Work

Cone Peak ERFO Repairs

Los Padres National Forest

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Project
Cone Peak ERFO Repairs – Los Padres National Forest

General Information

1.0 Scope of Work

General

The purpose of this contract is to reconstruct the storm damaged sections of Cone Peak Road (FS Road 20S05.3) on the Monterey Ranger District (SLRD) of the Los Padres National Forest due flood damages. There are seven sites for repair.

Base Bid

Site 1:

The first site consists of designing and constructing a Reinforced Soil Slope (RSS) including, placement of geo-composite on back slope, placement of compacted soil lifts with geogrid layers to produce a complete RSS system. Also included is providing and installing one (1) 60" diameter culvert and 210 cubic yards of class 2 rip rap.

Site 2:

The second site consists of designing and constructing a Reinforced Soil Slope (RSS) including, placement of geo-composite on back slope, placement of compacted soil lifts with geogrid layers to produce a complete RSS system. Also included is providing and installing: three (3) 24" diameter culverts, three (3) 48"X48" drop inlets, 220 cubic yards of class 2 rip rap and 4" thick surface course aggregate along road repair.

Site 6:

The sixth site consists of designing and constructing a Reinforced Soil Slope (RSS) including, placement of geo-composite on back slope, placement of compacted soil lifts with geogrid layers to produce a complete RSS system. Also included is providing and installing: two (2) 36" diameter culverts, two (2) 36"X60" drop inlets, two (2) 36" diameter down drains and 30 cubic yards of class 2 rip rap.

Bid Option #1

Site 4:

The fourth site consists of designing and constructing a Reinforced Soil Slope (RSS) including, placement of geo-composite on back slope, placement of compacted soil lifts with geogrid layers to produce a complete RSS system. Also included is providing and installing: two (2) 36" diameter culverts, two (2) 36"X60" drop inlets, two (2) 36" diameter down drains and 40 cubic yards of class 2 rip rap.

Bid Option #2

Site 3:

The third site consists of designing and constructing a Reinforced Soil Slope (RSS) including, placement of geo-composite on back slope, placement of compacted soil lifts with geogrid layers to produce a complete RSS system. Also included is providing and installing: one (1) overdrain, and 16 cubic yards of class 2 rip rap.

Site 5:

The fifth site consists of designing and constructing a Reinforced Soil Slope (RSS) including, placement of geo-composite on back slope, placement of compacted soil lifts with geogrid layers to produce a complete RSS system. Also included is providing and installing: one (1) overdrain, and 10 cubic yards of class 2 rip rap.

Site 7:

The seventh site consists of designing and constructing a Reinforced Soil Slope (RSS) including, placement of geo-composite on back slope, placement of compacted soil lifts with geogrid layers to produce a

complete RSS system. Also included is providing and installing: one (1) 36" diameter culverts, one (1) 36"X48" drop inlet and 21 cubic yards of class 2 rip rap.

This contract provides for the equipment, labor, and services necessary to perform work ordered by the Government for restoring 7 ERFO Sites along approximately one mile of road (milepost 2.25 – milepost 2.85), in compliance with the terms, specifications, drawings and provisions of this contract. Locations of work will be directed by the Forest Service.

2.0 Background

Cone Peak Road (Forest Service Road 20S05.3) sustained severe damage during the 2023 storm events. While temporary repairs and road opening have recently improved access along this roadway, permanent repairs are needed to stabilize the road and to install drainage improvements to restore the road to a sustainable condition for years to come.

The current road condition is fair, and the road is drive-able for the extent of the project area.

3.0 Location

The project location is off of Nacimiento Ferguson Road, in the Big Sur area of Monterey County. Driving directions (from Bradley, CA) are:

- From Bradley CA, Head North onto US Hwy 101 North, Get off at Exit 252 (Jolon Road) towards Fort Hunter-Liggett.
- Stay on Jolon Road for 21.3 miles, turn left onto Mission Road and stay on this roadway for 4 miles.
- Take a sharp left to stay on Mission Road and this turns into Nacimiento-Fergusson Road.
- Stay on Nacimiento-Fergusson Road for 17 miles.
- Turn right onto FSR 20S05.3 (Cone Peak Road) and continue for 3 miles.

The terrain varies and can be relatively flat in areas and moderately hilly and steep in others. Soil conditions vary as well, from soft and sandy to compacted and rocky. A general vicinity map is included. Los Padres National Forest maps are also available to assist in locating the individual roads and can be purchased at the Monterey Ranger District Office. The office is open between the hours of 8:00 am and 4:30 pm, Monday through Friday. The office is located at: 406 S Mildred Ave, King City, CA 93930

4.0 Estimated Start Date / Period of Performance

Projected start date: September 1, 2026.
Time for completion: 180 calendar days from the issuance of the "Notice to Proceed".

5.0 Drawings and Specifications

<u>Drawings</u>
Cone Peak Road ERFO Repairs Construction Drawing plan with notes, maps, details. (Attached)

<u>Specifications</u>
Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-24, U.S. Customary Units and Forest Service Supplemental Specifications (FSSS). FP-24 and Caltrans Specs where applicable. Electronic copy can be downloaded at:
https://highways.dot.gov/federal-lands/specs/fp-24
https://dot.ca.gov/-/media/dot-media/programs/design/documents/2018-stdspecs.pdf
https://dot.ca.gov/-/media/dot-media/programs/design/documents/2018-std-plns-for-web-a11y.pdf
https://dot.ca.gov/-/media/dot-media/programs/construction/documents/environmental-compliance/csbmp-may-2017-final.pdf

FSSS (Attached)

6.0 Restrictions on Work

- Work hours are limited to non-holiday weekdays, Monday – Friday, 0700 – 1800. Work site much be clear by noon the Friday before a Monday holiday.
- In accordance with the fire plan.
- When the Contracting Officer (or designated representative) determines that adverse weather has made access too dangerous or that continued vehicular travel would cause unacceptable road damage.
- When the Contracting Officer or designated representative determines that work must stop due to the presence of archaeological artifacts.
- Contractor is responsible for the security of their tools and equipment at all times.
- Contractor is responsible for removal and disposal all excavated dirt and shall not leave excavated dirt scattered over the site, unless approved by the COR.
- All trash and loose materials shall be secured by the contractor daily.
- The Contractor shall not use Government trash facilities without the COR'S approval.
- All construction debris remains the property of the Contractor and shall be properly disposed of off National Forest Land.
- The contractor will be able to utilize the Forest Service Roads; however, the Contractor will be responsible for any damage to the roads due to construction activities. The contractor shall be responsible for obtaining permission to use all other roads and staging areas.

6.0 Camping and Housing

Camping is not permitted in US Forest Service campgrounds. Contractor [ ] will [X] will not be permitted to camp elsewhere on US Forest Service land.

7.0 Required Submittals

Submittals as required by FP 24 Specifications and Forest Supplemental Specifications. Including, but not limited to:

Section 151. — MOBILIZATION
Section 152. — CONSTRUCTION SURVEY AND STAKING
Section 154. — CONTRACTOR SAMPLING AND TESTING
Section 157. — SOIL EROSION AND SEDIMENT CONTROL
Section 201. — CLEARING AND GRUBBING
Section 203. — REMOVAL OF STRUCTURES AND OBSTRUCTIONS
Section 207. — EARTHWORK GEOSYNTHETICS
Section 251. — RIPRAP
Section 255. — MECHANICALLY-STABILIZED EARTH WALLS
Section 261. — REINFORCED SOIL SLOPES
Section 301. — UNTREATED AGGREGATE COURSES
Section 602. — CULVERTS AND DRAINS
Section 604. — MANHOLES, INLETS, AND CATCH BASINS
Section 605. — UNDERDRAINS, SHEET DRAINS, AND PAVEMENT EDGE DRAINS
Section 629. — ROLLED EROSION CONTROL PRODUCTS AND CELLULAR CONFINEMENT SYSTEMS

Contractor Requirements

8.0 Technical Requirements / Tasks

The Contractor shall furnish the necessary personnel, material, equipment, services and facilities to perform the Statement of Work/Specifications referenced below.

The Contractor shall minimize mechanical activity during rainy periods and the CO may shut down the operation if excessive soil disturbance and/or erosion problems occur.

The Contractor shall repair all associated damage on established roads, adjacent vegetation or other improvements caused by their operations or equipment prior to partial or final payment.

The Contractor shall provide technical submittals for all materials that may be furnished on this project for Forest Service review and approval prior to installation.

The Contractor shall dispose of all project related trash and debris off of Forest lands prior to final payment.

The Contractor is responsible for contacting the Forest dispatch center to obtain the fire predicted Project Activity Level (PAL) each day and restrict work accordingly.

The Contractor shall adhere to the pertinent requirements addressed in the Fire Plan. Fire Plan restrictions may require work to cease at 1:00 pm or not be initiated at all on a high fire activity day.

The Contractor is responsible for traffic control and equipment staging requirements in work areas when working on National Forest System Lands.

There are some heritage resource areas that need to be monitored while working in the designated sensitive areas. If additional heritage resources are discovered during implementation, all project related work shall cease immediately and notification to the COR initiated.

The Contractor shall provide clean equipment for the project prior to driving on Forest and between project areas to prevent the introduction of invasive weeds to the Forest.

Avoidance and minimization measures:

1. Boundaries of crossing work areas will be clearly defined in the field. Upstream and downstream limits of disturbance on either side of a stream will be clearly marked in the field and reviewed by the project biologist prior to initiation of work. Areas of disturbance will be minimized as feasible.

2. Access to sites must be via pre-existing access routes to the greatest extent possible. If the use of a new access route is necessary, use will be approved by the project biologist prior to implementation. The extent of ground disturbance will be held to the minimum necessary to accomplish the job and restored to pre-project conditions when no longer needed.

3. The removal of existing willow or other woody riparian species will be minimized.

4. If needed, a Forest Service biologist will survey the project sites to determine the presence of listed species. If any species are found, work will be limited to between August 15th and January 31st.

5. To minimize potential effects to water quality and aquatic wildlife, work will occur during periods of low or no flow.

6. A water pollution control plan will be developed by the Forest Service or its contractors specifying details related to control of sediment and hazardous materials, dewatering or diversion structures, fueling and equipment management practices, and other factors deemed necessary by Forest Service engineers and resource specialists responsible for water quality and biological resource protection.

7. The Forest Service will coordinate with the Fish and Wildlife Service's (Service) Condor Recovery Program within one week prior to project implementation to determine if any California condors are known to be in the vicinity of the project area.

8. Trash and microtrash associated with the project will be removed on a daily basis during project implementation.

9. If a California Condor is seen landing within the project area all operations shall cease within 0.5 miles of the bird and the CO/COR shall be notified immediately.

10. All equipment used during maintenance and construction in this project should be cleaned prior to being used at the work site.

11. Ensure to the extent practicable, that road fill and gravel sources do not contain non-native invasive plant seeds.

12. Avoid placement of staging areas in non-native invasive plant infested areas.

13. Road maintenance activities will occur during the normal operating season from April 15 to October 15 unless otherwise approved by the Contracting Officer or Contracting Officer's Representative.

14. Rocking, straw mulch, hay bales, or waddles will be used as necessary, where the possibility of water spill or overflow would otherwise result in sediment being moved toward the creek.

15. No fueling or refueling of mechanical equipment will occur within 100 feet of any flowing watercourse or intermittent drainage.

16. Prior to the start of operations, the contractor shall prepare and provide in writing to the Government a Spill Prevention Control and Countermeasures Plan detailing how fuel spills are to be prevented and addressed when total oil and oil products storage exceeds 1320 gallons in containers of 55 gallons or greater. The SPCP shall meet applicable EPA (40 CFR 112) and State requirements and be certified by a registered professional engineer. The contractor shall notify the CO of all reportable (40 CFR 110) spills on or in the vicinity of the contract area that are caused by Contractor operations.

17. The contractor shall provide in writing to the Government and maintain a Hazardous Substance Plan. The plan shall include, but is not limited to; listing any hazardous substances used on the project area and shall have Material Safety Data Sheets available for those materials. All such materials shall be labeled in accordance with Federal and State regulations and this information shall be supplied to the Government responsible for supervising initial containment action for releases and subsequent cleanup.

18. The Contractor shall maintain all equipment operating on the project area in good repair and free of leakage of lubricants, fuel, coolant and hydraulic fluid. The Contractor shall take effective measures to prevent all leaking or spilled petroleum based products from stationary equipment and equipment being serviced. Refueling and maintenance activities associated with equipment and machinery at landings shall be conducted within fuel containment basins capable of holding and containing any potential fuel spills emanating from refueling units, refueling cells or the machinery being refueled. The Contractor shall furnish oil-absorbing mats for use under all stationary equipment or equipment being serviced to prevent leaking or spilled petroleum-based products from contaminating soil and water resources.

19. The Contractor shall immediately notify appropriate agencies, including written notification to the Government of all spills, leaks or other releases of hazardous materials including petroleum products on or in the vicinity of NFS land caused directly or indirectly by the Contractor or Contractor's employees. The Contractor shall immediately take action to contain and cleanup, without expense to the Government, all petroleum products spills caused directly or indirectly by the Contractor or Contractor's employees. The Contractor shall properly transport and dispose of all contaminated soil, vegetation, debris, oil filters, oily rags, waste oil and any other materials in accordance with local, State and Federal regulations. Disposal of any such contaminated material on the National Forest is prohibited. The Contractor shall be liable for all damages and costs deemed necessary by the Government for the spill containment and cleanup. When all materials have been properly disposed of, a receipt from a certified hazardous waste facility will be delivered to the Government.

20. Isolate construction sites from stream flow before removing a culvert and performing work inside the stream channel. The work site may be completely dewatered or in some circumstances, the stream may be rerouted within the channel.

21. A water pollution control plan shall be developed by the Contractor, and approved by the Forest Service, specifying details related to control of sediment and hazardous materials, dewatering or diversion structures, fueling and equipment management practices, and other factors deemed necessary by Los Padres National Forest engineers and resource specialists with a background in water quality and biology.

22. Straw wattles, silt sediment fences, or straw bales, will be placed in the construction area as required to collect any storm water run-off carrying sediments.

23. Install erosion control measures on incomplete roads prior to precipitation events or the start of the winter period and in accordance with approved water pollution (or erosion) control plan.

24. Do not leave project areas for the winter with remedial measures incomplete.

25. No Treatment Areas (NTA)/Avoidance Areas exist within the treatment units and project area. No entry is permitted in the NTA's. The NTA's for this project are too small to be mapped but will be flagged and identified on the ground by Forest Service Archeologist for the contractor prior to operations in those areas.

26. Within 15 days of the notice to proceed and prior to the commencement of the work, the Contractor will meet in conference with representatives of the Contracting Officer, at a time to be determined by the Government, to discuss and develop mutual understanding relative to scheduling and administering work

27. Cultural resource surveys have been conducted within the contract treatment units. All identified areas of concern have been recorded and are incorporated into the Special Treatment Areas. A Forest Service Archeologist will flag and identify the areas of concern prior to the project implementation. The Contractor is solely responsible for avoiding impacts to these, or any other control areas within the project units. During the performance of work under this contract, if previously unidentified archeological or historic sites are encountered, the Contractor shall discontinue work in the general area of the suspected site and contact the Government immediately. Work shall be suspended in that area until proper surveys have been completed by the Government.

28. Trash associated with this project will be removed and properly disposed of. A forest wildlife biologist or designee will brief all personnel involved in implementing the project on the importance of not leaving hazardous materials exposed and daily removal of all garbage fragments to maintain condor health. Garbage removal will be stipulated in mechanical brush treatment contracts.

29. Prior to the initiation of work, the Contractor shall consult and acquire all required State and County permits for activities conducted within road easements and right of ways.

30. The Contractor shall supply barriers, guards, signs, flag-persons or security personnel to ensure public safety throughout when operations may affect vehicular and pedestrian traffic flow. Traffic control devices must be in place during all periods of active operations and must be removed or covered during all periods of inactivity including end of shift. The contractor shall furnish and install, maintain and, upon completion of the work, promptly remove all signs, warning devices and other materials used in the performance of this work. All signs, signals, barricades, use of flag-persons, and other traffic control and public safety devices shall conform to the general requirements set forth in the Manual of Uniform Traffic Control Devices (MUTCD) and the latest edition of Standard Highway Signs and Standard Alphabets for Highway Signs and OSHA Construction Industry Standards (29CFR Part 1926), Subpart G, Signs, Signals, and Barricades.

31. Contractor shall dispose of and cleanup all refuse, flagging and contaminated soil caused by Contractor operations off NFS land and as required by all Federal, State, and Local authorities at the
Contractor's expense.

32. Disturbance of existing vegetation will be minimized within the road clearing limits, at stream crossings, and approved disposal sites.

9.0 Government Furnished

There will be no Government furnished materials for this contract. Contractor may temporarily store equipment and vehicles at the project site at locations designated by the Contracting Officer. However, the Government will not be responsible for any damage caused to the Contractor's property.

10.0 Deliverables / Schedule

All deliverables and documents shall be presented to the Contracting Officer.

All written deliverables shall be phrased in layperson language and delivered within 10 calendar days from the date of acceptance from the Contracting Officer and prior to final payment. There shall be a minimum of an original and two copies of all deliverables. All "hard copy" deliverables, instructions shall be submitted on recycled content paper and printed double-sided, excepting project plans. All catalog cuts and data associated with the treatment system within 7 calendar days from the Notice to Proceed. A copy of manufacturer's written instructions and recommendations for inspection purposes, no later than 7 calendar days prior to installation.

Item No.	***Deliverable***	***Objective***	***Due***
1	*Proposed Project Plan*	*Defining the responsibilities, project schedule, risks and milestones of contract objective.*	*No later than five (5) business days after contract award*
2	*Reinforced Soil Slope (RSS) Design*	*Design documents for the project RSS locations identified in the project plans. Designs to be prepared by a professional engineer, licensed in California, and in accordance with FP 24 Section 261 "Reinforced Soil Slopes"*	*No later than ninety (90) days after contract award*
3	*Product/Material Data*	*Proposed Materials for installation in accordance with the project specifications and applicable codes, including:* • *Drop Inlets* • *Pipe Anchor Assemblies* • *Down Drains* • *Culverts Geo-composite material* • *Slope Drains* • *Rip Rap* • *Road Surface Course Material*	*No later than ninety (30) days after contract award*
4	*Contractor Testing Reports*	*Soil compaction test results/reports, per construction plans, RSS final design and FP 24 requirements and "Section 154 – Contractor Sampling and Testing"*	*Within 5 business days after the compaction tests are taken.*
5	*Weekly Status Report*	*Report documenting tasks & issues weekly, including 3 week project look ahead schedule.*	*Weekly, every Friday, by 3:00 PM PST until the contract expires*

11.0 Travel

Contractor travel shall be the responsibility of the Contractor and considered subsidiary to other contract line items and not billed separately.

12.0 Contractor's Key Personnel

The Contractor will be required to be present when performing the duties needed to complete this contract.

13.0 Security Requirements

Cone Peak is behind a locked gate due to the road/drainage conditions. All work and vehicle storage will be behind the locked gate.

14.0 Data Rights

N/A

15.0 Site Visit

A Forest Service led pre-proposal site visit will not be offered. The project locations are open to the public and can be viewed by each prospective offeror. In no event shall failure to inspect the site constitute grounds for a claim after contract award.

It is the responsibility of the contractor to inspect the site to satisfy themselves regarding all general and local conditions that may affect the cost of contract performance. Please be advised that failure to inspect the site will not constitute grounds for any claims after the contract award.