US Department of Agriculture (USDA)

Statement of Work

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Project

DARK CANYON CULVERT REPAIR

General Information

1.0 Scope of Work

Project consists of furnishing all labor, equipment, tools, transportation, incidentals, inspection, quality control and supplies necessary to complete the Dark Canyon culvert and road repair. Culvert repair materials have been supplied to the Government by Contech Engineered Solutions and shall be provided to the Contractor (see list of Government-provided materials in the attached Drawings and Exhibits). All other necessary materials (aggregate base, structural backfill, concrete, etc.) shall be provided by the Contractor.

The Dark Canyon Culvert was damaged in May 2025, most likely due to the insufficient compaction of structural backfill during initial installation. The Contractor shall repair the existing 26'-0" span, 16'-7" rise single radius arch multi-plate culvert per the guidance of the manufacturer of both the original structure and the Government-provided culvert repair materials, Contech Engineered Solutions. This includes two (2) concrete collars at the joints of the original and repair materials. After the culvert has been repaired and road subgrade has been reconstructed to match the legacy design grades and elevations in the attached Drawings and Exhibits, an aggregate base surface course will be placed and compacted. Lastly, for stabilization, hydraulic seeding and mulch will be placed on fill slopes and other areas of disturbance.

All work shall be in accordance with the contract requirements. Contractor shall, without additional expense to the government, be responsible for obtaining any necessary licenses and/or permits which comply with any federal, state, municipal laws, codes, and regulations applicable to the performance of the work.
Equipment will be considered clean when visual inspection does not reveal soil, seeds, plant material, and other such debris. Disassembly of equipment components or specialized inspection equipment is not required. Contractor shall notify the Contracting Officer at least five days in advance of moving equipment in so that arrangements can be made for inspections.
Contractor is responsible for temporary traffic control and construction signs shall be in accordance with the latest version of MUTCD.

2.0 Background

Dark Canyon Multi-plate pipe arch culvert was built back in 1999/2000. The pipe arch experienced a catastrophic failure in May of 2025 when a multiplate seam failed and caused a large sinkhole to appear the full width of the roadway. This was determined to likely be caused by insufficient compaction of structural backfill during installation. The forest, while consulting with Contech Engineered Solutions, removed the backfill and removed the damaged pipe arch materials and came up with a fix consisting of adjoining the end sections of old pipe with the new middle section of pipe with concrete collars at the joints tying the pipe arch together as one unit. Working with Contech the Forest has the necessary multi-plate steel and components needed to rebuild the pipe arch, which will be Government provided property under this contract.

3.0 Location

The project is located within the Hayfork Ranger District within the Shasta-Trinity National Forest. From the Hayfork District Office of the Shasta-Trinity National Forest, located at 11 Trinity Street in Hayfork, California, travel east on CA-3 for 3.4 miles, then turn right onto Wildwood Road (signs for Red Bluff) for 16 miles, then turn right onto CA-36 for 0.5 miles, then turn left onto Wild Mad Road for 19.3 miles, arriving at the project site (40° 14' 25.5” N, 123° 05' 02.9” W).

4.0 Estimated Start Date / Period of Performance

September 1, 2026/ 90 days.

5.0 Drawings and Specifications

The following drawings are included in the contract:

- Dark Canyon Drawings (07-23-26)
- Dark Canyon Specs (07-23-26)

All of the specifications from the Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects F-24 are applicable to this project and are part of this solicitation and any resultant contract. The specifications are included by reference and the full specifications are available at the following website: https://highways.dot.gov/federal-lands/specs/fp-24 Other specifications include: Dark Canyon Forest Service Supplemental Specifications, Pages 1-10.

6.0 Restrictions on Work

Work may be performed at any time during the period of the contract, except as outlined here. Nothing in this part shall be construed to take away any of the Government's right under the Suspension of Work Clause (52.242-14). Restrictions are as follows:

1. In Accordance with the Fire Plan
2. 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.

7.0 Camping and Housing

Camping is not permitted in US Forest Service campgrounds. Contractor [X] will [] will not, be permitted to camp elsewhere on US Forest Service land. A camping permit must be issued. Camping on Forest Service land is not a right; permission may be revoked for failure to comply with the terms of the permit.

8.0 Required Submittals

A detailed Plan of Operation/Work Schedule
Section 107- Safety Plan
Section 107-Hazardous Spill Plan
Section 157– Erosion Control Plan
Section 208- Structural Backfill Gradation
Section 635 – Traffic Control/Sign Plan
Section 301- Aggregate Base Gradation
Section 601- Concrete mix design

Contractor Requirements

9.0 Contractor Requirements

The Contractor shall possess and maintain all professional licenses required to perform the work specified under this construction contract. Pursuant to FAR 52.236-7, Permits and Responsibilities (July 2025), the Contractor is solely responsible for obtaining and maintaining all permits and licenses necessary to ensure full compliance and proper performance throughout the contract period.

10.0 Government Furnished Property

PIECES	ITEM #	ITEM DESCRIPTION
12	MPBSFDG5621128	MP SH FRMD DG 5/16 21 PI 12' 8P
6	MPBSFDG5618128	MP SH FRMD DG 5/16 18PI 12' 8P
12	MPBSFDG5615128	MP SH FRMD DG 5/16 15PI 12' 8P
192	MPBFAGB3419	MP GV BOLT /4-19 X 5 HOOK (301)
6800	MPBFAGB782	MP GALV BOLT 7/8 X 2 (393)
500	MPBFAGB78212	MP GALV BOLT 7/8 X 2-1/2 (394)

48	MPBFAGB783	MP GALV BOLT 7/8 X 3 (395)
124	MPBFAGN34	MP GALV NUT ¾ (302)
7348	MPBFAGN34	MP GALV NUT ¾ (302)
12	MPBSFDG5621108	MP SH FRMD DG 5/16 21 PI 10’ 8P
6	MPBSFDG5621108	MP SH FRMD DG 5/16 18PI 10’ 8P
6	MPBSFDG5621128	MP SH FRMD DG 5/16 21 PI 12’ 8P
3	MPBSFDG5618128	MP SH FRMD DG 5/16 18P 12’ 8P
12	MPBSFDG5615128	MP SH FRMD DG 5/16 15PI 12’ 8P
4	MPBCHFDG10ST	MP UNBAL CHAN FRM DG 10’ ST
10	MPBCHFDG1200ST	MP UNBAL CHAN FRM DG 12’ ST

11.0 Deliverables / Schedule

Key Deliverables

Item No.	Deliverable	Objective	Due
1	Plan of Operation	To Id Key contract milestones and timelines	At notice to proceed
2	Safety Plan	Identify contractors company safety practices	At notice to proceed
3	Hazardous Spill Plan	Ensure adequate measures for spill mitigation	At notice to proceed
4	Erosion Control Plan	Ensure adequate erosion control measures	At notice to proceed
5	Structural Backfill Gradation (Select Granular Backfill)	Compliance with contract specifications	14 days before backfill proceeding start
6	Traffic Control/ Sign Plan	To provide for contractor and public safety	At notice to proceed
7	Aggregate Base Gradation	Compliance with contract specifications	14 days before aggregate base install
8	Concrete Mix Design	Compliance with contract specifications	14 days before concrete pouring

12.0 Travel

All contractor travel-related expenses—including transportation, lodging, meals, and any other associated costs—are considered incidental and must be fully covered within Mobilization. The Forest Service will not reimburse the contractor for travel, per diem, accommodations, or any other personnel-related expenses.

13.0 Contractor's Key Personnel

The contractor shall designate a qualified on-site representative who will be present during all project activities and authorized to act on behalf of the contractor. Only contractor personnel directly engaged in performing or supporting the work under this contract are permitted on the project site; no unauthorized individuals or non-project staff may enter or remain on the premises.

14.0 Site Visit

There will not be an organized Site Visit scheduled. The Wild Mad Road is currently under a Closure Order, Order No. 14-25-09. Included in this solicitation are the following:

Closure Order No. 14-25-09
Closure Order No. 14-25-09 Map
Wild Mad-Dark Canyon FS-7700- 48 Road Use Permit.

The Road use permit is a closure exemption permit that will allow contractors interested in bidding on the project legal access to the project site. Print out the permit, fill it out and sign it and keep it on your person while visiting the project site.