

Task Order

In accordance with Paragraph 1.01 of the Agreement Between Owner and Engineer for Professional Services – Task Order Edition, dated April 17, 2023 ("Agreement"), Owner and Engineer agree as follows:

Background Data

- a. Effective Date of Task Order: June 13, 2023
- b. Owner: Huerfano County
- c. Engineer: KLJ Engineering LLC
- d. Specific Project (title): Cuchara Mountain Park Shared Use Path
- e. Specific Project (description): Alignment study to design and construct a 3.4-mile shared use path along Colorado Highway 12 and Panadero Avenue.

Services of Engineer

- A. The specific services to be provided or furnished by Engineer under this Task Order are:

Study and Report

KLJ will conduct an alignment study to determine the preferred alignment to design and construct a 3.4-mile shared use path along Colorado State Highway (SH) 12 and Panadero Avenue. The path will begin at Town of Cuchara at the intersection of City Avenue and SH12 heading south on SH 12 to the Cuchara Mountain Park entrance at Panadero Avenue. The path turns and continues into Cuchara Mountain Park on Panadero Avenue terminating at Huerfano County owned property within the park area. KLJ will provide a report to Huerfano County summarizing the findings of the study and identify the preferred alignment for design.

Additional Services

No additional services.

Owner's Responsibilities

Owner shall have those responsibilities set forth in Article 2 of the Agreement and in Exhibit B, subject to the following:

The County shall participate in coordination calls through project completion, provide supplementary documents as necessary, and provide feedback to ensure overall project accuracy and competitiveness.

Payments to Engineer

A. Owner shall pay Engineer for services rendered under this Task Order as follows:

\$127,821.40

B. The terms of payment are Lump Sum (plus any expenses expressly eligible for reimbursement) as set forth in Article 4 of the Agreement and in the applicable governing provisions of Exhibit C. **Reimbursable expenses are estimated to be \$4,950 and are included lump sum.**

Consultants retained as of the Effective Date of the Task Order:

- Roscoe Engineering
- Transportation Resource Services (TRS)
- Goodbee & Associates

Other Modifications to Agreement and Exhibits: None

Attachments: None

Other Documents Incorporated by Reference:

A. April 17, 2023, Agreement between Owners and Engineering for Professional Services, Task Order Edition

Terms and Conditions

Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner. The effective date of this Task Order is June 13, 2023.

OWNER: Huerfano County

ENGINEER: KLJ Engineering LLC

By: _____

By:  _____

Print Name: John Galusha

Print Name: Luke LaLiberty

Title: Chair, Board of County Commissioners

Title: Associate Senior Vice President

Firm's Certificate No. (if required): _____

State of: _____

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Carl Young

Title: County Administrator

Address: 401 Main Street, Suite 201
Walsenburg, CO 81089

E-Mail Address: cyoung@huerfano.us

Phone: 719-738-3000 x110

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Doug Barr

Title: Senior Engineer

Address: 400 Inverness Parkway, Suite 150
Englewood, CO 80112

E-Mail Address: doug.barr@kljeng.com

Phone: 720-734-3663

EXHIBIT A

Cuchara Mountain Park Shared Use Path Scope of Services Huerfano County, CO

Scope of services for the Cuchara Mountain Park 3.4-mile shared use path. The proposed path begins in the Town of Cuchara at the intersection of Cuchara Avenue and Colorado State Highway (SH) 12 heading south to the Cuchara Mountain Park entrance at Panadero Avenue. Path turns and continues into Cuchara Mountain Park on Panadero Avenue terminating at Huerfano County owned property within the park area.

The scope of services will cover the study and report phase of the project. The project will evaluate three shared use path alignment alternatives to determine a preferred alternative. The alternative alignment study will evaluate an attached, a separated and a combination attached and separated path alignment along SH 12 and Panadero Avenue shoulders.

Phase 1 - Study and Report Phase

Project Management

Project Management will include work necessary for the effective communication and coordination of the project to assure the project tasks are completed on time, within budget, and in accordance with State and Federal laws, rules, and regulations.

- Project Coordination
 - PM will hold bi-weekly check-in meetings with the project design task leads to coordinate work and deliverables.
- Meetings
 - Design Scoping Review Meeting - KLJ Project Manager (PM) will schedule a design scoping review meeting. The meeting will establish communications protocol and review and discuss the project scope and schedule. A project site visit will be scheduled concurrently with the design scoping review meeting.
 - Monthly Check-in Calls - KLJ Project Manager (PM) will hold monthly check-in phone calls with the Huerfano County Project Manager (HCPM). The purpose of the call is to review scope, schedule, budget, and risk as it relates to the project. The calls are intended to be informal, so formal minutes and agendas are not anticipated.
- Schedule and Budget Tracking
- Quality Control and Assurance
- Invoicing and Progress Reporting
- Assumptions
 - 7 months, 7 monthly check-in calls (30 minutes long)
- Deliverables
 - Study and Report, Preliminary Phases

- Agenda and Meeting Minutes
- Schedule and Budget Updates
- Invoices and Progress Reports
- Alignment Study Report

Public Involvement

Study and Report Phase

- Public pop-up meeting with adjacent landowners/concerned citizens/stakeholders.
- Creation of a project website to gather public input.
- Document and summarize all public input and include it within the study phase report.
- Assumptions
 - Two pop-up meetings at local establishments and/or trailheads.
 - One project mailing
 - One poster board
 - One flyer posted around town and at trailheads and the recreation center.
- Deliverables
 - Study and Report, Preliminary Phases
 - Project mailings
 - Schedule for pop-up meetings and materials for display
 - Public survey on alignment alternatives
 - Alternatives Report – Public involvement summary. Posted online and delivered internally
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Formal in-person public meeting.

Survey

Collect survey data to support the development of conceptual shared use path alignment alternatives for determining preferred shared use path alignment for the project.

Study and Report Phase

- Field Collection
 - Existing Property Corners and Right of Way (ROW) monuments as required
 - Required PLSS monuments
 - monumentation affecting alignment and ROW/Easement of proposed alignments
 - Drone photogrammetry by a licensed UAV pilot
 - Aerial photos
 - Panel location for Photogrammetry control
 - Photogrammetry photo processing
 - Ground proofing of photogrammetry contours as needed
 - Topographic survey
 - Apparent utilities, waterways, and structures etc. as required
 - Spot shots for verification of photogrammetry as needed
 - ROW

- Locate required monumentation as needed for proposed alignments
- Office Work and Coordination
 - Coordinate survey crew, survey data, and CAD survey mapping, utility location
 - Process data and drafting
 - Provide plat depicting proposed centerlines with ROW/Easement 30-foot in width with ties required monumentation.
- Assumptions
 - One (1) trip of a 2-man survey crew (UAV Pilot inclusive), (4 days)
 - Ownership notification of Right of Entry will be provided by the County
 - Site surveyed and mapped using the following survey system and units:
 - NAD83 Zone 503/NAVD88 – Horizontal/Vertical
 - US Survey Feet – Units
 - Digital survey information, drawings, and files will be done using Microstation
- Deliverables
 - Study Phase
 - Complete survey, including drone and topography
 - Visible utility locations
 - Location of existing ROW based on Record information and found Monumentation
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Setting of aliquot part corners not relevant to Right of Way/Easement
 - Monumentation for location of ROW lines specifically requested by owner.
 - Individual Property Surveys
 - Boundary line dispute resolution
 - Right of Way Plats / Exhibits / Legal Descriptions

Right-of-Way

The proposed route follows State and County roadways. Portions of these roadways are within deeded right-of-way and some sections are within prescriptive right-of-way. KLJ will support Huerfano County's Land Use Department by evaluating the right-of-way and easement needs for the project. We will work closely with CDOT for the portions of the trail alignment that parallel SH 12.

Study and Report Phase

- Identify right-of-way and easement needs and challenges for alignment alternatives.
- Determine the preferred route and specific right-of-way and/or easement needs for said route.
- Identify potential temporary construction and slope easements based on limits for preferred alignment layout.
- Deed and property research - Using Huerfano County Assessor and Clerk and Recorder Data
 - Pull last deed of record for properties adjacent to alignment alternatives
 - Secure subdivision plats for subdivided properties within the alignments
- Assumptions
 - All existing prescriptive easement information, plats, monument records, legal descriptions etc. not readily available through online access will be provided by the County.
 - An estimated one hundred and twenty-five (125) property owner records are anticipated to be pulled.

- Deliverables
 - Study Phase
 - Ownership list, old ROW plans and other available ROW information
 - Alternatives Report – Right-of-Way summary
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Landowner negotiations and right-of-way/easement acquisitions
 - Right of Way Plats / Exhibits / Legal Descriptions

Subsurface Utility Engineering (SUE)

Identify potential utility impacts by the proposed improvements which may include a Colorado 811 One Call for field markings and obtaining utility base mapping

Study and Report Phase

- Collection of Records
 - Submit Colorado 811 SUE notification
 - Follow up with record requests on an as needed basis.
 - Surveying visible and 811 marked utility facilities
- Surveying visible above ground utility facilities
- Develop a utility CAD base file from
 - Utility owner provided records
 - aerial photography interpretation
 - surveying, and
 - other base mapping provided by others
- Assumptions
 - 6-month period of performance
- Deliverables
 - Study Phase
 - Utility base map
 - Alternatives Report – Utilities summary
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Quality Levels A and B investigation

Environmental

Coordinate with Huerfano County and CDOT, to determine NEPA class of action (environmental document) for the project.

Study and Report Phase

- Data Collection
 - Class I cultural resource investigation
 - Environmental resource database review

- NEPA Documentation to evaluate a multitude of environmental resource categories as necessary.
 - CDOT Form 128, NEPA Determination / Project Certification.
- Assumptions
 - Project will be approved as a Class II action (Programmatic Categorical Exclusion) under NEPA
 - Two alternatives will be evaluated, including
 - A no build alternative
 - A one (1) build alternative
 - Wetland Impacts within Threshold for Nationwide Permit
 - Section 4(f) impacts or consultation with regulatory agencies will not be required
 - No impacts to properties acquired under Section 6(f) of the Land and Water Conservation Fund
 - Project will remain within State and County ROW and not impact any state and federal lands
 - Wetland Mitigation – If required to offset impacts to wetlands, purchase Credits at Approved Wetland Bank by the County
- Deliverables
 - Study and Report Phase
 - Draft CDOT Form 128, NEPA Determination / Project Certification
 - Draft Cultural Resources Report
 - Alternatives Report – Environmental summary
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Section 4(f) – Historic and Non-Historic formal agency consultation
 - Section 6(f) consultation
 - Biological Field Investigation or Assessment Report
 - An Individual USACE Section 404 permit
 - Other permitting
 - Tribal or agency consultation
 - Air or noise monitoring or permitting
 - Formal consultation with state/federal wildlife agencies regarding state or federally listed threatened or endangered species
 - Section 404 nationwide permit

Geotechnical (Services during Study and Report Phase)

- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Field Investigation
 - Laboratory Testing
 - Engineering Evaluation Report

Hydrology and Hydraulics (Drainage)

Study and Report Phase

- Provide hydraulic support to design team for determining impacts to drainage
- Assumptions
 - No new highway centerline culverts are required for drainage
 - No hydraulic design, of approach culverts, is required

- Deliverables
 - Study Phase - None
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Hydraulic sizing of road centerline and approach culverts

Roadway/Shared Use Path

Study and Report Phase

- Define design controls and project standards criteria.
- Identify alternative alignments (up to 3) and develop a horizontal alignment and vertical profile.
- Develop a matrix for alternative
- Prepare conceptual plans (20% level) for the preferred alignment.
- Compute quantities for conceptual alternatives
- Prepare conception design level opinion of probable construction costs
- Quality control check of design criteria, calculations, plans, quantities, report and construction costs
- Alternatives Report – Shared use path summary
- Assumptions
 - Evaluate a minimum of two (2) and maximum of three (3) alignment alternatives.
 - Evaluate attached, separated and combination of paths adjacent to SH12 and Panadero Avenue.
- Deliverables
 - Study Phase
 - Shared use path typical section (proposed)
 - Existing utilities information (mapping and shown on concept plan)
 - Conceptual plans (20% design level)
 - Opinion of Probable Construction Costs (based on 20% design)
 - Alternatives Summary Report
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**
 - Traffic data, accident data and safety report

Structures

Study and Report Phase

- Define design controls and criteria
- Identify engineering challenges
- Structures conceptual layout and design
 - Boardwalk structures
 - Retaining walls
- Alternatives Report – Structures Summary
- Assumptions
 - No bridge or culvert structures anticipated
 - One thousand (1000) linear feet of retaining walls (> 4' tall)
 - One (1) mile of boardwalk or non-structural retaining wall (< 4' tall)
- Deliverables

- Study Phase
 - Conceptual design level quantities and opinion of probable construction costs
 - Conceptual plan layout of walls and boardwalk
 - Schematic typical sections of boardwalk and retaining walls
 - Alternatives Report – Structures summary
- **Services Not Included (These services can be provided, upon request, at the KLJ Hourly Schedule that prevails at the time services are rendered).**

Services excluded from this contract

- Preliminary Phase
- Design phase
- Bidding Phase
- Construction Services Phase