

Request for Proposals For Professional Trail Building

Upper Let'm Roll – Red Grade Trails – 2024

2/14/2024

**NON-MOTORIZED, NATURAL-SURFACE TRAIL PROJECT ON
BUREAU OF LAND MANAGEMENT LAND WEST OF BIG HORN,
WYOMING.**

**OPENING DATE AND TIME:
February 14, 2024 ---- 2:00PM.**

**CLOSING DATE AND TIME:
March 14, 2024 ---- 2:00 P.M.**

**SINGLE POINT OF CONTACT AND PROJECT POINT OF CONTACT
SHERIDAN COMMUNITY LAND TRUST
JARED KOENIG
RECREATION PROGRAM MANAGER
(307) 620-2479
JARED@SHERIDANCLT.ORG**

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Introduction

The Sheridan Community Land Trust (SCLT) in Sheridan, Wyoming is requesting proposals for the construction of 8,700 +/- linear feet of non-motorized, multi-use, 24” – 36” natural surface trail as part of the Red Grade Trails System. 2,200 +/- linear feet of the total has been roughed in while the remaining 6,500 +/- linear feet has only been flagged. Once built the expectation is that the trail will be used as a downhill bike route. The concept of work is to start and progress without interruption until the mileage under this proposal is complete. The project construction will be supervised by the SCLT. The project will be on Bureau of Land Management land west of Big Horn, Wyoming.

Background

Once fully constructed, the Red Grade Trails System will be a professionally designed, 28 +/- mile natural-surface, non-motorized trail network accessible from Red Grade Road via six trailhead parking areas. The full trail system is situated on lands administered by the State of Wyoming, the Bureau of Land Management (BLM), and the United States Forest Service (USFS). Currently over 22 miles and five trailhead parking areas have been constructed.

This request for proposals (RFP) is for the construction of approximately 8,700 +/- linear feet of non-motorized, multi-use, 24” – 36” natural surface trail as part of the Red Grade Trails System. 2,200 +/- linear feet of the total has been roughed in while the remaining 6,500 +/- linear feet has only been flagged. This RFP is for trail on land administered by the BLM under a 2023 right of way issued to Sheridan County and developed by SCLT through a MOU with Sheridan County. The trail constructed through this RFP is for downhill biking.

This RFP is divided into the following sections:

Introduction

Background

Call for Bids

General Provisions

Bid Form

General Specifications

Individual Trail Specifications

Call for Bids

Each proposal shall be limited to no more than ten (10) pages (8½” x 11”), not including appendices. The following elements must be included in each proposal:

1. Qualified individuals or firms are invited to submit their proposals in writing to the Single Point of Contact (SPOC) for this solicitation:

Contact: Jared Koenig
SCLT
Recreation Program Manager
Address: PO Box 7185
Sheridan, WY 82801
Phone: 307-620-2479
Email: jared@sheridanclt.org

Submit one (1) electronic copy via email. Please address the proposal to the SPOC above and title your email as: ***RFP Response – Upper Let'm Roll – Red Grade Trails – 2024***

2. Bids must be sent to the SPOC by the time and date specified.
3. No Bid will be considered which is not submitted on the attached Bid Form, signed by a proper official of the company bidding, in the space provided.
4. No Bid will be considered which modifies in any manner any of the general provisions, specifications or the bid form.
5. A Bid that is in the possession of the SPOC may be altered by an email bearing the name of the person authorized for bidding, provided it is received prior to the time and date of the bid opening; this will only be accepted by email. It is the bidder's responsibility to confirm receipt of this alteration by the SPOC.
6. A Bid that is in the possession of the SPOC may be withdrawn by the bidder up to the time and date of the bid opening. Bids may not be withdrawn for a period of 30 days after the bid opening.
7. A formal contract will be issued, and the work contemplated will be covered by a SERVICE CONTRACT.
8. Acceptance of the SERVICE CONTRACT will be deemed to mean acceptance of the contract work as specified in the Bid.
9. Payments will be made monthly for completed progress for that period.
10. Final payment will be made after the acceptance of all work.

11. Failure of the successful bidder to furnish the equipment, materials, supplies, or perform the service awarded from their Bid shall eliminate the bidder from subsequent phases of SCLT Trails projects.
12. SCLT will supply materials for bridges, culverts, and fence crossings. However, in consultation with SCLT the Contractor may provide materials when deemed necessary or desirable in order to fully complete the work contemplated. Such work shall be performed as directed or agreed upon and will be paid for at the specified item prices, approved rental rates, or lump sum stipulated in the order authorizing the work.
13. SCLT hereby notifies all prospective bidders that SCLT will affirmatively assure that minority business enterprises will be afforded full and equal opportunity to submit bids in response to this invitation and are specifically encouraged to do so. SCLT further assures that it will not discriminate against anyone on the grounds of race, sex, age, color or national origin or disability in consideration for an award.
14. A Pre-bid Site Walkthrough is not possible; however, additional information can be requested via email from SCLT's Recreation Program Manager and will be shared with all prospective bidders according to the Project Timeline and Schedule.

Project Timeline and Schedule:

March 1, 2024	Deadline for request for clarifications/questions
March 8, 2024	Response to request for clarifications distributed
March 14, 2024	Bid submission deadline
March 21, 2024	Anticipated award announcement
March 28, 2024	Contract signed

General Provisions: Upper Let'm Roll – Red Grade Trails – 2023

1. LICENSES, PERMITS AND TAXES:

The Contractor shall procure all permits and licenses, pay all charges, fees and taxes, and give all notices necessary and incidental to the due and lawful prosecution of the work.

2. LAWS TO BE OBSERVED:

The Contractor shall be kept fully informed on all Federal and State laws, all local bylaws, regulations, ordinances and decrees of bodies or tribunals having any jurisdiction or authority which in any manner affects those engaged or employed on the work, or which in any way affects the conduct of the work. They shall at all times observe and comply with all such laws, bylaws, ordinances, regulations, orders and decrees in force at the time of award. The Contractor shall protect and indemnify SCLT and its representatives against any claim or liability arising from or based on the violation of any such law, bylaw, ordinance, regulation, order of decree whether by themselves or their employees. No extension of time or additional payment will be made for loss of time or disruption of work caused by any actions against the Contractor for any of the above reasons.

3. CONTRACTOR'S INSURANCE:

- a. The Contractor shall not commence work under this contract until they have obtained all the insurance required hereunder and such insurance has been approved by SCLT. Approval of the insurance by SCLT shall not relieve or decrease the liability of the Contractor. The Contractor shall file a Certificate of Insurance with SCLT, verifying each type of coverage required including a certificate of insurance specifically naming SCLT as additionally insured.

- i. Workers' Compensation and Employer's Liability Insurance. The Contractor shall provide proof of workers' compensation coverage for all its employees who are to work on the project described in this Contract. Contractor's coverage shall be under the Wyoming Workers' Safety and Compensation program, if statutorily required, or such workers' compensation insurance as appropriate. Non-Wyoming Contractor's insurance coverage shall also include Employer's Liability "Stop Gap" coverage, in an amount not less than Five Hundred Thousand Dollars (\$500,000) per employee for each accident and disease. The Contractor shall also supply to SCLT proof of workers' compensation and employers' liability insurance, if required, on each and every subcontractor prior to allowing that subcontractor on the job site.
- ii. Commercial General Liability Insurance. The Contractor shall provide coverage, during the entire term of this contract, against claims arising out of bodily injury, death, damage to or destruction of the property of others, including loss of use thereof, and products and completed operations, in an amount not less than One Million Dollars (\$1,000,000) per occurrence.
- iii. Business Automobile Liability Insurance. The Contractor shall maintain, during the entire term of the contract, automobile liability insurance in an

amount not less than Five Hundred Thousand Dollars (\$500,000) per occurrence.

- iv. Unemployment Insurance. The Contractor shall be duly registered with the Employment Security Commission, Unemployment Compensation Division. The Contractor shall supply an Official notice of Unemployment Insurance Coverage for itself and on each and every subcontractor prior to beginning work under this contract.
 - v. Certificate of Good Standing. The Contractor shall provide a Certificate of Good Standing verifying compliance with the unemployment insurance and workers' compensation programs prior to performing work under this Contract.
 - vi. Payment of Premiums and Notice of Revocation. All policies required under this Contract shall be in effect for the duration of this Contract and project. All policies shall be primary and not contributory. Contractor shall pay the premiums on all insurance certificates which must include a clause stating that the insurance may not be revoked, canceled, amended or allowed to lapse until the expiration of at least thirty (30) days advance written notice to SCLT.
 - vii. SCLT May Insure for Contractor. In case of the breach of any provision of this Section, SCLT may, at SCLT's option, purchase and maintain, at the expense of the Contractor, such insurance in the name of the Contractor, or subcontractor, as SCLT may deem proper and may deduct the cost of taking out and maintaining such insurance from any sums which may be found to be due or become due to the Contractor under this Contract.
- b. **SCLT's right to reject:** SCLT reserves the right to reject a certificate of insurance if the Contractor's insurance company is widely regarded in the insurance industry as financially unstable. This includes, but is not limited to, insurance companies with an "Omit" rating in the A.M. Best insurance rating guide.
- c. **SCLT's right to contact insurer:** SCLT shall have the right to consult with the Contractor's insurance agent for disclosure of relevant policy information. Relevant information includes, but is not limited to:
- i. Exclusions endorsed;
 - ii. Claims in progress which could significantly reduce the annual aggregate limit;
 - iii. If the policy is a "claims made" policy instead of an "occurrence" policy, the information provided shall include, but not necessarily be limited to:
 - 1. Retroactive dates;
 - 2. Extended reporting periods or tails; and

3. Any applicable deductibles.

4. PRE-BID MEETING:

Before submitting, the Contractor should familiarize themselves as best as possible with the area and the conditions affecting the work. Be advised that the project location is currently under snow cover, with access limited to snow machines and tracked vehicles and will likely remain so into May. A Pre-bid Site Walkthrough is not possible; however, additional information can be requested via email from SCLT and will be shared with all prospective bidders according to the Project Timeline and Schedule.

5. CONTRACT TIME:

Said work shall commence upon receipt of the Notice to Proceed and shall be completed within the contract dates. The concept of the work is to start at a time selected by the Contractor and conveyed to SCLT and to progress without interruption until the job is complete.

6. EXTRA WORK:

In consultation with SCLT, the Contractor shall perform unforeseen work whenever it is deemed necessary or desirable in order to complete fully the work contemplated. Such work shall be performed as directed or agreed upon and will be paid for a specified time and material rates, approved rental rates, or a lump sum stipulated in the order authorizing the work.

7. BASIS OF AWARD:

Right of Rejection: SCLT reserves the right to reject any and all Bids, to waive any and all informalities and to negotiate contract terms with the successful bidder, and the right to disregard all non-conforming, non-responsive or conditional bids.

Qualifications and Experience: In evaluating Bids, SCLT shall consider the qualifications and experience of the Bidders in constructing purpose-built, natural-surface trail with specialized machinery, as well as experience with design layout and modification, whether or not the Bids comply with the prescribed requirements and hourly rates and unit prices, if requested in the bid forms, are extended correctly.

Additional Information: SCLT may conduct such investigation as it deems necessary to assist in the evaluation of any Bid and to establish the responsibility, qualifications and financial ability of Bidders, proposed sub-Contractors, employees, and other persons and organizations to do the work in accordance with the Contract Documents to SCLT's satisfaction within the prescribed time.

Partial Award: SCLT reserves the right to award a partial award of only a portion of the project contained within the solicitation, or to award separate portions of the project to separate bidders. Unless otherwise specified by SCLT or the bidder, SCLT may accept any item or group of items in the Bid as may be in the best interest of SCLT.

If the contract is to be awarded, it will be awarded to the bidder whose evaluation by SCLT indicates to SCLT that the award will be in the best interest of SCLT.

8. TERMINATION:

The contract may be terminated by either party without cause with thirty (30) day written notice, delivered by certified mail.

9. WARRANTY PERIOD:

If SCLT determines Contractor's work is defective after the approved final payment and prior to the expiration of five years after the date of Final Completion or such longer period as may be prescribed by law or by the terms of any applicable special guarantee, the Contractor shall promptly, without cost to SCLT and in accordance with SCLT's written instructions, either correct such defective work or, if it has been rejected by SCLT, remove it from the site and replace it with non-defective work. If the Contractor does not promptly comply with the terms of such instruction, SCLT may have the defective work corrected or the rejected work removed and replaced, and all costs incurred therefore, including compensation for additional professional services, shall be paid by the Contractor and its sureties. The remedies provided in this section are in addition to all other remedies available to SCLT under applicable laws and shall not be construed as exclusive of any other legal right or remedy available to the SCLT.

10. INDEMNIFICATION:

The Contractor shall indemnify, defend, and hold harmless SCLT, the and its officers, agents, employees, board members, successors, volunteers and assignees from any and all claims, lawsuits, losses, and liability arising out of Contractor's failure to perform any of Contractor's duties and obligations hereunder or in connection with the negligent performance of Contractor's duties or obligations, including but not limited to any claims, lawsuits, losses, or liability arising out of Contractor's malpractice.

11. PROJECT SUPERVISION:

SCLT will provide oversight and coordination of the trail building project. SCLT will regularly inspect to ensure the completed work meets all requirements set forth.

Bid From

In compliance with the Call for Bids, General Provisions, Specifications, Maps and Drawings, the undersigned hereby proposes to furnish all labor and equipment to mobilized and perform all work necessary for the **Upper Let'm Roll – Red Grade Trails – 2024** for considerations in the following amount \$_____. This figure shall be known as the Bid. The Bid shall include sales tax and all other applicable taxes and fees.

1. That for and in consideration of the amounts specified below, this Contractor shall perform the work of constructing Upper Let'm Roll – Red Grade Trails – 2024, as further outlined in this RFP, in a good skillful and substantial manner and to the full satisfaction of and under the supervision of the Representative in charge of the Project. In the prosecution of the work, the Contractor shall, at his own cost and expense, furnish all labor, machinery, tools, equipment, materials, and supplies except such equipment and materials which shall be furnished by SCLT, as provided in the General Provisions, General Specifications, or Individual Trail Specifications, and shall perform the work in strict conformity with the General Provisions, General Specifications, or Individual Trail Specifications relative to this work.
2. In consideration of the covenants and agreements to be kept and performed by the Contractor and for the faithful performance of this Bid and the completion of the work embraced herein according to the plans, specifications, drawings and conditions herein contained and referred to, SCLT shall pay and the Contractor shall receive and accept as full compensation for everything furnished and done by the Contractor under this proposal and also for all loss or damage arising out of the nature of the work, the action of the elements or from any unforeseen contingencies or difficulties encountered in the prosecution of the work.
3. The contract will be for a one-year period, with an option to extend, by agreement of both parties in writing and subject to the required approvals. There is no right or expectation of extension, and any extension will be determined solely at the discretion of SCLT.
4. Said work shall be commenced upon notice to proceed and shall be completed per contract documents; however, should the Contractor be delayed in the prosecution of the work by any act, neglect or fault of SCLT, or by any damage caused by fire, flood or other casualty over which the Contractor has no control, then the time herein set for the completion of the work may be extended as determined by mutual agreement of the parties hereto. SCLT hereby reserves the right to accept and make use of any portion of said facilities before completion of the entire work without invalidating the contract, or

Bid Form (cont.)

binding SCLT and accept the remainder of the work or any portion thereof, whether completed or not. SCLT also reserves the right to eliminate or delay parts of the project depending upon Bid and funds available.

5. It is also agreed by the parties hereto that the Call for Bids, Drawing, General Provisions and Specifications, herein referred to, form an essential part of this agreement and whether the same are attached hereto or on file in the office of SCLT in Sheridan, Wyoming, they shall have the same force and effect as if spread at length herein.
6. If written Notice of Acceptance of this Bid is delivered to this bidder within Twenty (20) calendar days after date of bid opening, this bidder will within Twenty (20) calendar days after date of such notice, execute and deliver the Contractor's Certificate(s) of Insurance in accordance with the General Provisions and Bid as accepted.
7. The bidder hereby agrees that should they be awarded this contract, Contractor shall not discriminate against any person who performs work there under because of age, race, religion, color, sex, national origin or ancestry.
8. The bidder also covenants and agrees and that this Bid is made without collusion with any other person, firm or corporation; that they have carefully examined the Call for Bids, General Provisions, Drawings and Specifications, and any and all Addenda governing the work included in this Bid, and fully understands the physical conditions under which the work must be performed.
9. The bidder will perform all extra work that may be required and on the conditions set forth in the General Provisions.

Bid Form (cont.)

1. BY SUBMISSION OF A BID, THE BIDDER CERTIFIES:

- 1.1 Prices in this Bid have been arrived at independently, without consultation, communication or agreement for the purpose of restricting competition.
- 1.2 No attempt has been made nor will be by the bidder to induce any other person or firm to submit a Bid for the purpose of restricting competition.
- 1.3 The person signing this Bid certifies that they are authorized to represent the company and is legally responsible for the decision as to the price and supporting documentation provided as a result of this advertisement.
- 1.4 Bidder will comply with all applicable Federal regulations, policies, guidelines and requirements.

2. GENERAL INFORMATION:

Company Name _____ Phone _____

Signatory's Name _____ Fax _____

Signature & Title _____ (Date)

Mailing Address _____

City _____ State _____ Zip _____

Email Address _____

SSN/Employer Identification Number _____

3. OWNERSHIP AND CONTROL:

Bidder's Legal Structure:

- Sole Proprietorship
- Corporation
- Limited Liability
- General Partnership
- Limited Partnership
- Other _____

Bid Form (cont.)

If Bidder is a sole proprietorship, list:

Owner Name _____ Phone () _____

Mailing Address _____

City _____ State _____ Zip _____

SSN/Employer Identification Number _____

Beginning date as owner of sole proprietorship _____

Provide the names of all individuals authorized to sign for the bidder:

NAME (printed or typed)

TITLE

_____	_____
_____	_____
_____	_____
_____	_____

Bid Form (cont.)

Contractors must provide:

- 1) A minimum of three (3) references with the Bid form to include name, address, telephone number, date of project, and description of services performed, period of performance, and contracted amount.
- 2) Proposed approach to this project, including machines/materials to be utilized, identification and experience of on-site personnel on similar projects with similar machines/materials.
- 3) Please list at least three (3) similar past projects with brief narratives.
- 4) Please provide one (1) letter of recommendation from previous shared use trail construction projects with contact information (phone number and email address).
- 5) Provide a recommended schedule/timetable that discloses your window of availability to meet the expectations of this contract.
- 6) Provide your company safety plan.
- 7) Are you a PTBA member _____ Yes _____ No Member since _____

If the bidder is not a member of the **Professional Trail Builders Association** please provide a separate document that describes equivalent experience and expertise.

- 8) Experience constructing sustainable and shared-use (bike/hike) trails?
_____ Yes _____ No

VERIFICATION

I certify under penalty of perjury, that I am a responsible official (as identified above) for the business entity described above, that I have personally examined and am familiar with the information submitted in this disclosure and all attachments, and that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including criminal sanctions which can lead to imposition of a fine and/or imprisonment.

(Name and Title)

(Date)

End of Bid Form

General Specifications

The trail constructed through this Request for Proposal (RFP) is on the northeastern slope of the Big Horn Mountains, approximately nine miles southwest of the town of Big Horn, Wyoming. Work includes completion of an on-site investigation of local conditions, furnish all labor, equipment, supplies and materials in performing all operations necessary for the complete and proper development of identified trail infrastructure associated with the project. This contract is for the mobilization and construction of approximately 8,700 +/- linear feet of non-motorized, downhill bike, 24" – 36" natural surface trail as part of the Red Grade Trails System. 2,200 +/- linear feet of the total has been roughed in while the remaining 6,500 +/- linear feet has only been flagged. Work must be completed according to trail standards as contained within this scope of work. Trail lengths are estimates derived from design shapefiles completed in 2024. Preliminary layout of the trail corridor has been completed and flagged representing the center line of a ten foot right-of-way. As part of this project the Contractor is responsible for final field alignment and design within this corridor. The trail constructed through this RFP is for downhill biking.

Contractor will adhere to Sustainable Trail Construction best practices and guidelines accepted in the industry as standards providing the foundation for all design and construction decisions ("half rule", frequent grade reversals, maximum grades, function of soils and use, etc.).

Section 1: General Requirements

- 1.1 Project Location** - The work is located just east of the boundaries of Big Horn National Forest Land, Township 54 North, Range 85 West, 6th P.M., Sections 27. To access the project site, take I-90 to the town of Sheridan Wyoming, then WY 335 South to Big Horn, Wyoming. From Big Horn, continue south (west) on WY 335 (becomes Red Grade Road) for roughly nine miles. The project is located off the area known as Aspens Trailhead. For work and equipment access, there is one entry point at the Aspens Trailhead. There are no restrictions on access, however snow or mud can be limiting in extreme circumstances. The exact location is shown on the attached map. If needed, KMZ Google Earth files and or shapefiles may be requested from SCLT via email.
- 1.2 Description of work** - The general components of the work to be performed under these plans and specifications include, but are not limited to, furnishing and installing approximately 8,700 +/- linear feet of non-motorized, multi-use, 24" – 36" natural surface trail as part of the Red Grade Trails System. 2,200 +/- linear feet of the total has been roughed in while the remaining 6,500 +/- linear feet has only been flagged. Monthly invoices may be submitted to SCLT. SCLT will monitor the progress of the project regularly.
- 1.3 Layout**- Preliminary layout of the trail centerline has been completed. The Contractor will collaborate with SCLT on decisions and alterations prior to any construction.
- 1.4 Submittals** - Submittals shall be interpreted to include drawings, data, manuals,

certifications, warranties, samples, charts, weekly timesheets and other items furnished by the Contractor for approval. Submittals will be given to the SCLT. The following submittals will be required for this project:

- a. Proposed Construction Schedule and Bid Forms.

1.5 Materials - Materials as used in these specifications shall mean equipment, machinery, product, component or any other item to be incorporated in the work, "Alt-Adds" included.

The Contractor will use on-site, native materials whenever possible. Native materials such as rocks, trees, soils, etc. within 100-feet of the general trail corridor can be used to construct trail features/structures. It is determined that their use will not adversely impact natural resources based on a field review between SCLT and Contractor during the design and layout approval.

The Contractor shall make a diligent effort to procure such materials, but, if materials become unavailable, substitute materials may be used, provided no substitute materials shall be used without prior approval by the SCLT. Off-site materials furnished by the Contractor shall be of the type and quality described in these specifications. The SCLT's determination as to whether substitution will be permitted will be final and conclusive.

1.6 Equipment restrictions, access and haul routes - Trails are to be constructed using machine labor with hand labor employed for finish work and along any area ill-suited for machine construction. To minimize environmental impact and keep the footprint of disturbance within immediate trail construction area only, equipment shall be limited to hand tools or small (mini or micro) walk-behind or ride on mechanized equipment no wider than 50" or desired final trail width. Use of and types of mechanical equipment will need to be detailed in Bid documents and approved by SCLT prior to construction. The Contractor shall inspect the access for suitability and will need SCLT approval for any access outside the general construction corridor. Any trail-construction-related damage to lands located outside the trail corridor will be the responsibility of the Contractor. Equipment must be cleaned prior to commencing construction to ensure that weeds are not transported from off-site projects.

Red Grade Road is the only existing public road available for the Contractor's use. The Contractor shall make their own investigation of the condition to determine clearances, restrictions, and other limitations that may affect transportation and storage at the job site.

In the case of major equipment failure, it is the responsibility of the Contractor to immediately contact SCLT.

1.7 Power and water - The Contractor shall make all necessary arrangements and shall provide all power and water required for construction purposes.

Water for construction purposes may be available to the Contractor from springs and from a stock tank in the area, upon confirmation of use from owners of said stock tank. The cost of conveying necessary water to points of use shall be included in the Bid.

1.8 Staging area - Poverty Flats and Bear Gulch East parking areas are approved for use as staging areas. However, the Forest Service will approve the exact location, before construction, of the staging area for on-site storage of equipment, materials, or other items needed for construction so as not to conflict with current recreational use of the parking areas. All tools and machinery should be cached within a reasonable distance from the work area.

1.9 Camping - If requested, a dispersed campsite near the project site may be provided for the Contractor's use during project implementation. The Contractor would need to contact the Forest Service for permission and follow all Forest Service guidelines / restrictions.

1.10 Preservation of Vegetation - The Contractor shall exercise care to preserve the natural landscape, including trees and shrubs, and shall conduct construction operations as to prevent any unnecessary destruction, scarring, or defacing of the natural surroundings in the vicinity of the work. Except where clearing is required for permanent works or excavation operations, all trees, native shrubbery, and vegetation, shall be preserved and protected from damage by the Contractor's construction operations and equipment.

All unnecessary destruction, scarring, damage or defacing of the landscape resulting from the Contractor's operations, shall be repaired, replanted, reseeded or otherwise corrected as directed by SCLT and at the Contractor's expense. After completion of the work, all areas disturbed by construction that do not require landscaping or planting, shall be scarified and left in a condition which will facilitate natural vegetation, provide for proper drainage and prevent erosion.

1.11 Clean-up - General clean-up will be conducted by the Contractor over the limits of the entire project to the satisfaction of SCLT unless otherwise arranged. This includes touch-up work, patching, and clean-up of all materials related to this contract and Contractor. Clean-up will not be paid for separately but will be included in the Bid.

1.12 Guarantee and warranty - A five (5) year guarantee and warranty will be provided by the Contractor on all the work of this project. Any portions needing replacement or repair within one (5) YEARS FROM THE DATE OF WRITTEN ACCEPTANCE BY SCLT, shall be completed by the Contractor at their expense, within a time frame agreed upon by SCLT. All manufacturer warranties shall be transferred to SCLT.

Section 2: Trail Construction Guidelines

2.1 General - Contractor will adhere to *Sustainable Trail Construction* best practices and guidelines that are accepted in the industry as standards providing the foundation for

all design and construction decisions ("half rule", frequent grade reversals, max grades function of soils and use, etc.). The Owner understands that all trails comprise a creative process driven by local conditions and the involved parties' collaborative efforts. Modifications to the specifications may be allowed, however, they must be made in collaboration with the SCLT and in writing. Modification may additionally need the approval from the permitting agency, the Bureau of Land Management.

All costs for earthwork of this project; excavation, stripping and backfilling, are considered subsidiary to the installation of natural surface trail and associated costs are to be included with the associated Bid items, not to be paid separately. Bidders and the Contractor shall assume all responsibility for deductions and conclusions as to the nature of the materials to be excavated and the difficulties of making and maintaining the required excavations. Excavation shall be made to the lines, grades and dimensions prescribed in the various paragraphs of these specifications.

No excavation shall be made in frozen materials without written approval from SCLT.

All necessary precautions shall be taken to preserve the material below and beyond the established lines of all excavation. Any damage to the work due to the Contractor's operations shall be repaired at the expense of and by the Contractor. Material beyond the required or prescribed excavation lines which is loosened or disturbed by the Contractor's operations shall be removed or fine graded at the expense of the Contractor.

Where additional excavation is prescribed by SCLT to remove unsuitable foundation material, all earthwork due to such additional excavation shall be in accordance with these specifications.

The trail surfaces to be constructed shall be finished to the dimensions shown on the drawings or prescribed by SCLT. When applicable the surfaces shall be moistened with water and tamped or rolled with suitable tools or equipment to form a compacted trail foundation

2.2 Excavation for Drainage - The Contractor shall perform excavation for drainage, and as may be instructed by SCLT. The drainage channels shall have side slopes and bottom widths to conform to the topographic and hydraulic conditions to be met and contained herein.

2.3 Surface Water Control Features - Drainage structures will be incorporated into the trail tread and trail layout to minimize the effects of water flow and prevent excessive erosion. The Trail shall follow the contour, minimize stream crossings and felling of large trees, and stay at least four (4) feet from stream banks except at crossings.

Alignment shall take advantage of natural drainages to minimize the need for major drainage modifications.

In areas where there is a potential for trail erosion, grade reversals shall be incorporated into the trail tread to create natural appearing drainage dips at appropriate intervals.

2.4 Backfill - Any backfill shall be placed and compacted to the trail surface. The material to be compacted shall be deposited in approximately horizontal layers which shall not be more than 8 inches in thickness.. Use of organic or duff is prohibited. Backfill material shall be obtained from material moved in required excavations. Backfill shall be placed to the same elevation on both sides of the structures, culverts or other work.

Section 3: Detailed Guidelines for Construction

3.1 Trail Flagging- SCLT will flag the center line of a ten foot right of way. The Contractor may place supplementary flagging of the final alignment.

3.2 Water for Construction- Upon approval, the nearest water available for trail construction is from miscellaneous springs and a stock tank if permission is granted from owner.

3.3 Features- Difficulty on bike trails will be constructed as described below for each individual trail. Earthen structures will be composed entirely of mineral soil and/or rock, stabilized and compacted. Hand tamping only is not acceptable. Use of organic material or duff is prohibited. Where suggested by Contractor and SCLT, short alternate lines of increased/decreased difficulty may be considered.

3.4 Clearing of Corridor- Clearing of corridor will be performed by Contractor. The maximum width of the corridor is five feet, less is preferred and whenever possible, with narrower gateways through natural obstacles (trees, rock outcrops) encouraged with a height of 8-12 feet. Clearing and grubbing will be done with minimal disturbance to surrounding soils, vegetation, and viewshed. Taking of trees larger than four inches will be avoided and only done with no other option. Limbing and pruning will be done using techniques and industry standards that protect trees/shrub from undue harm. Vegetation will be lopped to the ground no more than a few inches high and scattered at least ten feet from the trail edge, making visibility of debris minimal.

3.5 Spoils- Spoil material, including dirt, duff, rock and vegetation loosed during trail construction must be distributed such that no berm is left along trail edge to a minimum distance of ten feet from edge of trail. Spoil material will not accumulate more than four inches in depth, spread in a manner that does not bury existing vegetation, does not interfere with drainages, and is scattered to blend with surrounding landscape. Piling debris in stream beds, gullies, or suspected wetlands is prohibited. If borrow pits are created they will be restored to finish requirements.

3.6 Trail Tread- Trail tread will be 24"- 36", larger where necessary for landing

platforms, turning radius and features. Full bench construction whenever possible. If fill is required, it will be properly retained and discussed with SCLT prior to action. Mainly firm trail surfaces with smooth paths through obstacles. Rock material may be left in tread in instances of increased difficulty or to achieve a particular goal of a specific segment. All stumps, roots, brush will be removed from tread with holes filled and compacted.

- 3.7 Water Diversions-** A 5-7% outslope will be incorporated on all applicable tread. When not possible or desirable due to purpose-built in-sloping, resource concerns, or obstructions, water can be directed down the trail for short distance before a water diversion feature is incorporated. Frequent grade reversals are encouraged. To promote self-cleaning drains, grade reversals will be >15%. If >25% riprap or armor will be installed. Water bars will not be used in the construction of this project.
- 3.8 Turns-** All berm turns or insloped switchbacks will be created with an insloped turn pad. Turning radii should be consistent throughout the turn. Turns with a running grade of twenty percent (20%) or greater in the apex should have a rock armored drain two feet wide following the inside of the turn. Any fill structure for a turn pad will comply with composition, compaction, and fill slope requirements. If retaining wall employed in place of a fill slope, structure will be constructed of stone and comply with all industry standards and specifications for rock retaining walls. A grade reversal or rolling grade dip will be constructed before and after each bermed turn or insloped switchback. If multiple switchbacks are required, they will be situated to minimize “stacking”. The grade reversals or rolling grade dips are part of the entire feature and will not be billed as separate units. The Contractor will create short-cutting deterrents at each turn.
- 3.9 Rollers & Brollers (Bermed Rollers)-** A broller is defined as tilted tread surface that is insloped or off camber in excess of the standard tread out slope of 5%. Brollers do not result in a change of direction across the landscape and do not cross the fall line. Typical rollers and brollers will be included in the Bid price for all trail construction types and are not considered berms or turns.
- 3.10 Grade Reversals/Rolling Grade Dips-** A designed grade reversal or rolling grade dip should occur approximately every 20-50 feet. Grade dips will be incorporated uphill and downhill from every significant turn unless acceptable substitute present. Typically, six feet long or greater in bottom, and ten feet long or greater on top, a height differential of 12”, with a grade between 15%- 25% grade, and sides slope of 2:1. Specific details will be determined by the Contractor in partnership with the Owner. Reversals constructed of fill >12” are considered features.
- 3.11 Armor-** Tread hardening using native stone will be implemented where native stone is available and done to known industry standards in grade, stability, width and length. Visible rocks that can be easily collected without significant disturbance will be used. Any alternative manufactured armoring products that the Contractor would

like to use must be preapproved by the Owner.

3.12 Finish Work- Finish work to be performed by the Contractor. Trails will be finished as the project advances to minimize erosion, control sediment, and reduce exposure of the tread. All equipment marks will be smoothed and blended prior to completion. The back slope will be graded to 3:1 or matched to existing slope wherever possible, and stumps or exposed roots will be flush-cut or removed. The contractor will assure that down slope spoils are visually minimal and will not interfere with drainage off tread. Rocks unearthed that are not used in construction will be spread away from trail edge, natural side up and anchored to avoid rolling. All finished work will be completed to the satisfaction of the Owner. Signage is the responsibility of the Owner.

Section 4: Completion Requirements

4.1 Payment – The Contractor will provide monthly progress reports along with monthly invoices. Any previously agreed upon expenses for materials will be included in the monthly invoice. Payment shall be made monthly.

4.2 General Comments:

- 4.2.1** SCLT will work with the Contractor to ensure that any and all site-related permits or permissions have been secured to build the entire project.
- 4.2.2** Contractors must have experience constructing non-motorized trails to IMBA standards. In addition, Contractors must have a minimum of five (5) years of experience building trails of comparable size and scope to the trails in this document. This includes following flagging, clearing the general corridor, final trail alignment, and directing machine and hand-build construction methods. As described in the formal Bid sheet, Contractors must provide a minimum of three (3) references with the Bid form to include name, address, phone number, date of project, description, and location of project.
- 4.2.3** Workmanship shall be of the best quality. The professional appearance of the finished work shall be of equal importance with its intended use. All portions of the work shall be laid out and installed so that the work, as a whole, is of uniform quality and appearance.
- 4.2.4** The contractor shall prepare a construction schedule showing major construction activities before any construction begins.
- 4.2.5** Contractor acknowledges that they have satisfied themselves as to the nature and location of the work and the general and local conditions of the site by visiting the site or otherwise becoming thoroughly familiar with the site.
- 4.2.6** A pre-construction conference shall be scheduled by the Contractor as

soon as practical after the Service Contract has been received by the Contractor. The meeting shall include SCLT and appropriate representatives of the Contractor who will be responsible for the management of the project. Major subcontractors shall also attend.

- 4.2.7** The Contractor shall make every effort to verify the availability of materials for this project by the time of the pre-construction conference. The cost of delays because of non-availability of specified items when such delays could have been avoided by the Contractor, shall not be borne by SCLT. Burden of proof for substituted materials rests with the Contractor. Sufficient documentation must be provided in ample time for review by SCLT. Contractor must not assume that substitutions will be granted.
- 4.2.8** It shall be the responsibility of the Contractor to become familiar with local or regional code enforcement if any applies to this project.
- 4.2.9** Before performing any work or ordering any materials, the Contractor shall verify all dimensions of any existing and new work and shall be responsible for their accuracy.
- 4.2.10** Contract Time. Said work may commence upon receipt of the Notice to Proceed. The concept of the work is to start and to progress without interruption until the job is complete.
- 4.2.11** The Contractor is responsible for securing equipment from theft and vandalism within the staging area and throughout the build areas. SCLT will not be held responsible for repair or replacement of items.

Section 5: Local Environment - Project Area

5.1 Soils- Soils in the Red Grade project area typically range from shallow (<20”) to moderately deep (20-40”) to bedrock and well drained, with coarse fragments ranging in size from channers to cobbles, with surface textures dominantly gravely silt loam. Slope ranges identified in the soil mapping units were described as steep, with the dominant map unit ranging from 10-65%.

5.2 Precipitation- 15-19” lower sections, >30” at higher elevations.

5.3 Vegetation- Predominant vegetation includes conifers, an understory of forbs and grasses (denser canopies at higher elevations) and open grassland/shrubland parks. Dominant plant community- Douglas-fir, Engelmann spruce, ponderosa pine, and limber pine depending upon slope, aspect, and elevation. Understory consists of Saskatoon serviceberry, Oregon grape, common juniper, heartleaf arnica, and bedstraw. Dominant grassland sites and understory include Idaho fescue, western wheatgrass, spike fescue, bluebunch wheatgrass, Columbia and green needlegrasses, and arrowleaf balsamroot. At the lower elevations of the proposed project area, the

plant community is dominated by mixed grasses and forbs, along with a shrub component of Wyoming big sagebrush and shrubby cinquefoil. Grass species in this community include Columbia needlegrass, prairie junegrass, Sandberg and Kentucky bluegrass, and needle and thread. Forbs include pussytoes, prairie chickweed, and asters.

5.4 Archaeological/Environmental Constraints- Per cultural survey, the significant resources reported in project area have been circumvented. There are no significant lakes, ponds, or wetland areas intersected by trail. Several unnamed drainages with intermittent flow intersect the project area where trail hardening will need incorporated.

Section 6: Individual Trail Specifications

Trail Placeholder Name: “Upper Let'm Roll”

Trail Usage: Downhill bike flow. The trail should be built overall to rate at an intermediate level.

Desired Trail Experience: Flowy moderately difficult with rolling contours, grade reversals, bermed turns, small to medium optional features (natural materials only). downhill travel with short sections of uphill for speed checks where terrain limits sight lines. Emphasis on using natural features as positive control points.

Length: 8,700 +/- linear feet of non-motorized, multi-use, 24” – 36” natural surface trail as part of the Red Grade Trails System. 2,200 +/- linear feet of the total has been roughed in while the remaining 6,500 +/- linear feet has only been flagged.

Grade: 5 to 15%

Side-Slopes: 10 – 20% with sections >20%

Elevation Change: Ranges from approximately +/-6,780 feet to +/-6,257feet.

Preferred Equipment: The upper portions of this trail can be easily accessed by mini excavator from Aspens Trailhead and from an old road cut near the trailhead.

Tread Width: 24” – 36” (width based on side slope)

Tread Surface: As uniform as terrain allows within a moderate difficulty level. Include rock armor when appropriate.

Corridor Width: 36-48 inches, less when possible, with narrow gateways through natural obstacles (trees, rock outcrops) encouraged.

Features (>12 inches in Height): Features >12” in height must be optional and paired with an easier line.

Number of Features: Spread appropriately for enjoyable experience over the span of the trail.

Rock: Expect limestone outcropping and some thin soil material with rock beneath.

Environment: Approximately 90% forest, 10% scrub brush/understory.

Vegetation: Mainly Ponderosa, Fir and Rocky Mountain Maple.

Hydrology: The trail crosses four unnamed drainages. These will need special consideration.



View from an adjacent ridge across to the forested area where the trail will be constructed. The trail will be entirely in forested country and does not traverse the meadow that is the foreground.



Several drainages will be traversed.



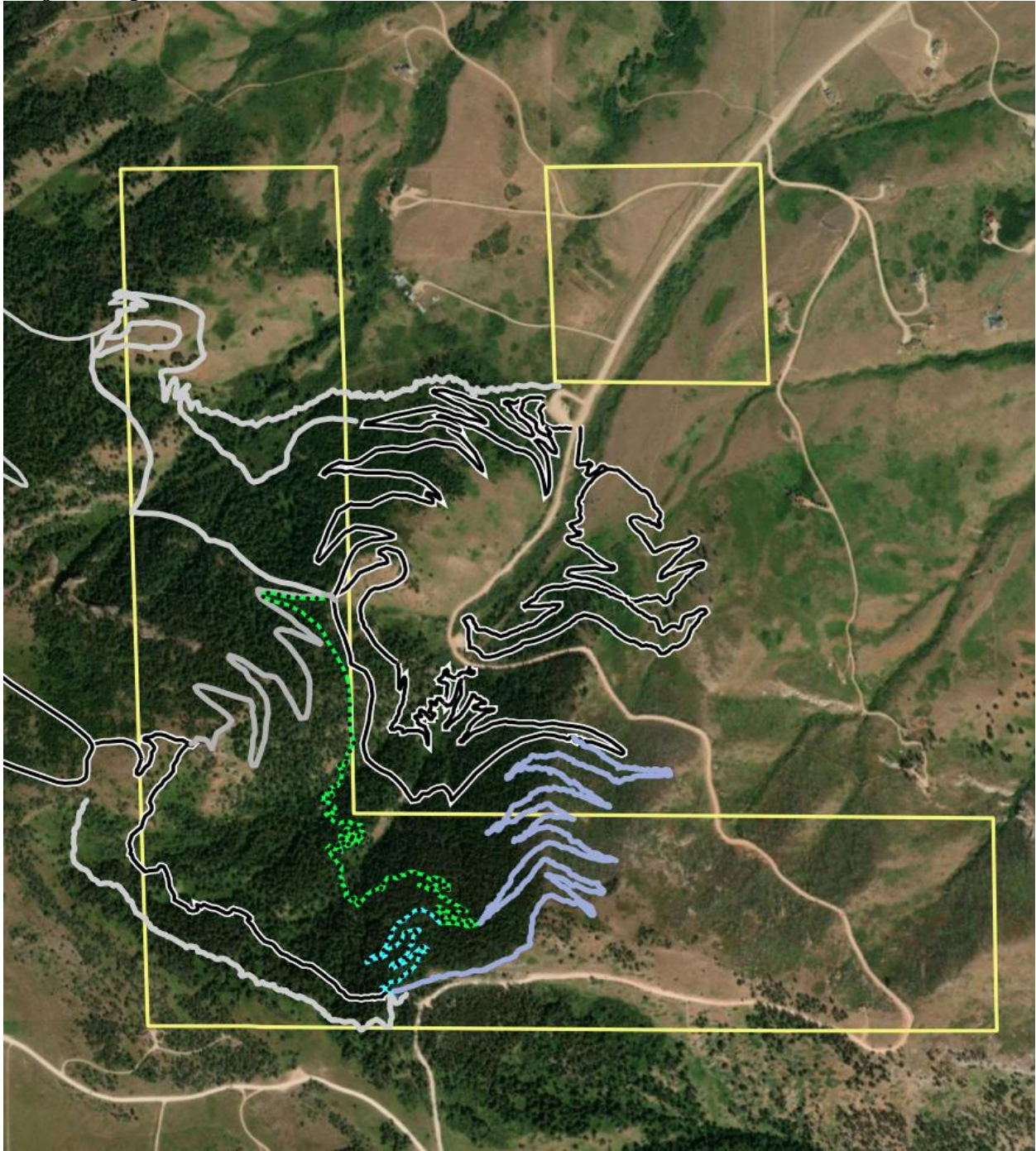
Most of the route travels through larger trees and along a side slope.





Rock outcroppings are mixed through the route.

Project Map



- Black – Existing Trails
- Green w/dot– Flagged
- Blue w/dot – Roughed In
- Violet – Contracted for 2024, outside the scope of this RFP
- Gray – Future Construction
- Yellow – BLM Boundary

Additional trail maps for the greater system can be found here - <https://sheridanclt.org/wp-content/uploads/2023/04/RGT-System-Map-8.5x11-2023-v1.pdf>

Project KMZ

- A KMZ for the flagged section can be found [here](#)
- A KMZ for the roughed in section [here](#)