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PERFORMANCE WORK STATEMENT (PWS)

Single Track Trail Building & Maintenance

Bureau of Land Management – Billings Field Office

1. PROJECT SCOPE AND SUMMARY

The Contractor shall provide all labor, equipment, tools, materials, supplies, supervision, and transportation necessary to build 19 miles of new single-track trail and maintain 6 miles of existing single-track trail within the Bureau of Land Management (BLM) Billings Field Office (BIFO). All trail work shall produce a finished tread width of 42–48 inches and shall ensure full accessibility to adaptive equipment for persons with disabilities.

The Contractor must follow specifications, standards, and technical guidance from the BLM COR, PI, or appointed technical representative. Concepts from the NOHVCC Great Trails Book and BLM/IMBA's Guidelines for Quality Trail Experience may be used.

2. DESCRIPTION OF WORK

A. New Trail Building (19 Miles)

The Contractor shall build new single-track trails that are optimized for mountain bicycles, and motorcycles according to alignments designated by BLM through maps and GPS datasets. Work shall include:

- Clearing vegetation and obstacles within the trail corridor.
- Grading, shaping, and compacting the tread to meet width and rideability standards.
- Installing rolling dips, drainage features, lead-off ditches, and other approved structures.
- Removing protruding rocks, roots, and stumps from the tread and backslope.
- Creating features designed to accommodate adaptive equipment, including accessible turnouts, stable tread surfaces, and smooth transitions.
- Incorporating natural materials onsite for stabilization, armoring, and erosion prevention.

- Final grooming using rock rakes or approved equipment to produce a smooth, uniform tread, where specified.

B. Existing Trail Maintenance (6 Miles)

Maintenance work shall restore designated existing single-track trails to their original alignment, tread width (42–48 inches), and drainage functionality. Work will include:

- Removing slough, berm, and excess material and redistributing suitable material onto the trail bed.
- Filling ruts, troughs, and depressions with borrow material and compacting to specification.
- Reshaping trail tread and backslope to meet original centerline and designed contour.
- Removing protruding rocks, roots, and stumps and scattering excess materials appropriately.
- Restoring, cleaning, or reconstructing drainage structures, including rolling dips and lead-off ditches.
- Eliminating braided trails not designated as passing sections.
- Reshaping switchbacks, climbing turns, and turnouts to original specifications.
- Final grooming of maintained trail surfaces using an approved drag or rake.

3. LOCATION

All work will occur within multiple trail systems located on BLM-administered lands within the Billings Field Office boundary. Site-specific maps and GPS datasets will be provided to the Contractor before work begins. Additional field guidance will be issued by the COR/PI as needed.

4. PROJECT SPECIFICATIONS

A. Trail Width & Accessibility

All new and maintained trails shall be built to a finished tread width of 42–48 inches. When possible, trails must be accessible to adaptive recreational equipment, requiring smooth tread conditions, gradual transitions, and stability suitable for larger mobility devices.

B. Tread Shaping & Compaction

The finished tread shall be firm, uniform, and capable of supporting adaptive equipment. Compaction shall be completed using mechanized track or wheel rolling with a minimum of three passes or as directed by the COR.

C. Drainage

Rolling dips shall be built according to COR instruction and must be equally rideable as surrounding tread. Waterbars shall not be installed; existing waterbars shall be converted to rolling dips where feasible.

D. Structures & Features

Approaches to cattleguards shall be repaired to provide smooth transitions. Signs, fences, and trail markers shall be protected; any damage caused by the Contractor shall be repaired at Contractor expense. Braided trails not designated as passing lanes shall be obliterated using natural materials (rocks, logs, brush) to conceal undesired routes.

E. Equipment Requirements

The Contractor shall use mechanized trail building equipment appropriate for narrow single track, such as SWECO or Sutter trail dozers (preferred), mini track loaders, or mini excavators. Blade widths must support building 42–48 inch tread. Equipment operation shall limit resource disturbance and adhere to BLM environmental protection measures.

5. BLM RESPONSIBILITIES

BLM/BIFO will provide project maps, GPS data, field coordination, and identification of special status species areas, cultural sites, or restrictions as needed.

6. PERFORMANCE PERIOD

The period of performance shall begin March 1, 2027 to September 30,2027 weather dependent). Workdays may vary based on environmental and safety conditions.

7. PERFORMANCE REQUIREMENTS & EVALUATION

Performance will be evaluated through random sampling, GPS measurement, and onsite inspection. Contractor shall provide verifiable previous relevant experience using the equipment described in section 4.E.

A. Trail Building Performance

95% of newly built trail shall meet specifications for width, tread uniformity, accessibility, drainage, and alignment.

B. Trail Maintenance Performance

95% of maintained trail shall meet specifications related to tread restoration, drainage functionality, removal of protrusions, compaction, and overall rideability.

C. Drainage Performance

100% of drainage structures will be inspected; dips and ditches must meet design specifications.

8. DELIVERABLES

Completed trail sections built and maintained according to specifications. Documentation of completed segments, mileage, and GPS files will be submitted to the COR.