

2024-2025

# Off-Highway Vehicle Program State Trail Grant Application

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SE-E



**COLORADO**  
Parks and Wildlife  
Department of Natural Resources

<b>Name of Project:</b> RGFO Motorcycle Funding Request 2025	<b>Date of Application:</b> 12/1/2023
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*(Please limit the project name to 5 words or less)*

<b>Total Project Cost:</b> \$49,000.00 <i>(round off to the nearest \$1)</i>	<b>Grant Request:</b> \$36,240.00 <i>Amount Requested (round off to the nearest \$1) must match the Project Budget Form.</i>
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**PROJECT SPONSOR** (Name and Address for entity legally responsible for project)

Organization Name: Bureau of Land Management, Royal Gorge Field Office

Mailing Address: 3028 East Main St., Canon City, CO 81212

Telephone: 719-269-8526      Email: sreynold@blm.gov

**OFFICIAL USE ONLY – UEI # (IF REQUIRED):**  
<https://sam.gov/content/duns-uei>

**PROJECT CONTACT** This is the person with day-to-day responsibility for the managing the project, ensuring the contract scope of work will be fulfilled. Please notify us if *Project Contact* changes.

Name: Sean Reynolds      Title: Outdoor Recreation Planner

Mailing Address: 3028 East Main St., Canon City, CO 81212

Telephone: 719-269-8526      Email: sreynold@blm.gov

Is this the primary contact for this grant:  
YES

**PROJECT CLOSE-OUT CONTACT** This is the person responsible for submitting receipts for project spending and close-out. Please notify us if *Project Contact* changes.

Name: Sean Reynolds      Title: Outdoor Recreation Planner

Mailing Address: 3028 East Main St., Canon City, CO 81212

Telephone: 719-269-8526      Email: sreynold@blm.gov

**GRANTS & AGREEMENTS SPECIALIST (USFS only) or BUDGET CONTACT (BLM only)**

Name: Jon Brewer      Title: Budget Analyst

Mailing Address: 3028 East Main St.      Canon City, CO 81212

Telephone: 719-269-8552      Email: jbrewer@blm.gov

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**PROJECT LOCATION**

Nearest Town or City: Canon City, Salida, Buena Vista  
 County(ies): Fremont, Chaffee, Lake, Park, Teller, Huerfano, Custer  
 Provide a point of reference for mapping purposes (i.e. a google searchable landscape feature):  
 Township/Range/Section: Royal Gorge Field Office Boundary  
 State Senate District #: 2      State Representative District #: 21, 61

**LAND OWNERSHIP**

1. Provide the name/s of the property owners:  
 2. The trail corridor is controlled by:     Fee Simple     Lease     Easement     License  
 Right-of-Way     Land Acquisition Ownership to be obtained     Other (explain): \_\_\_\_\_

**TRAIL SYSTEM INFORMATION** (List the number of miles for each type of OHV trail in your area)

Miles of Singletrack: 10.75    Miles of 50" or less: 91    Miles of Full-sized: 336

**TRAIL USER INFORMATION** (Please check all that apply to the work planned for this project)

All-Terrain Vehicle     Side x Side     Full Sized 4X4  
 Motorcycling     Four-Wheeling     Accessible Access

**PROJECT INFORMATION** (Please check all activities that apply to this project.)

Include detailed information for each in the Project Scope of Work.

<input type="checkbox"/> Trail Maintenance	<input type="checkbox"/> Travel Plan Implementation
<input type="checkbox"/> *New Trail Construction miles / ft. _____ (Approved through Travel Mgt Decision)	<input type="checkbox"/> Resource Protection & Improvement
<input type="checkbox"/> *Major Re-Route miles / ft. closed _____ (that will require new or additional environmental approvals) miles / ft. added _____	<input type="checkbox"/> Signs
<input type="checkbox"/> Restoration/Rehabilitation (existing corridor)	<input type="checkbox"/> Youth Corps
<input type="checkbox"/> Visitor Contacts & Law Enforcement	<input type="checkbox"/> Planning
<input type="checkbox"/> Education	<input checked="" type="checkbox"/> Capital Equipment
	<input type="checkbox"/> Land Acquisition or Other

\* **New Trail Construction & Major Re-Route:** Trail location(s) must be indicated on project map and detailed description of trail work plans must be provided in Project Selection Criteria, Section D-1, #3 Resource Protection, Enhancement & Restoration

**TRAIL ACTIVITIES SUMMARY** (Based on your project description and budget, provide the percentage for each of the categories listed below.)

<b>% of Budget</b>	<b>Program maintenance</b> (e.g., erosion controls, water bars and culverts, trail clearing and brushing, trail hardening and trail tread repairs, bridge construction and repairs, trailhead improvements and maintenance, crew wages, etc.)
	<b>Enforcement, Education &amp; Visitor Contacts</b> (e.g., patrols, enforcement, education and visitor contacts, wages, safety contacts, equipment, etc.)
	<b>Planning &amp; Travel Plan Implementation</b> (e.g., planning, engineering, maps, inventorying, travel management signs & installation, decommission non-system routes, rehabilitation, new construction, wages, monitoring, etc.)
<b>100</b>	<b>Equipment /Materials/ Signs/ Youth Corps/Miscellaneous</b> (e.g., equipment maintenance and repair, personnel training, certification in the use of specialized equipment, program coordination, etc.)
<b>100</b>	<b>Total: (Note: Percentages should add to 100 %)</b>

**SCOPE OF WORK – Project Description:**

Project Name: RGFO Motorcycle Funding Request 2025	Project No.: (to be completed by CPW)
Project Sponsor: BLM, Royal Gorge Field Office	Application Year: 2024-2025
Project Contact: Sean Reynolds	Application No.: (to be completed by CPW)
Total Project Cost: \$49,000.00	Grant Request: \$36,240.00

**Project Description:****WHO?**

The Bureau of Land Management, Royal Gorge Field Office, is the government agency requesting the equipment. The motorcycles will be the responsibility of the Royal Gorge Field Office.

**WHERE?**

The Royal Gorge Field Office is in Canon City, but manages OHV areas near Buena Vista, Howard, Cotopaxi, Canon City, and Penrose. The RGFO Trail Crew works with the Upper Arkansas Motorized Trail Crew, based out of Salida.

**WHAT?**

The purchase of two motorcycles will bring our OHV Trail Crew up to speed and enable them to efficiently access, monitor and maintain our single-track trails as well as other routes throughout our Field Office. The crew currently does not have motorcycles, and with Penrose Commons single-track being analyzed for future implementation, motorcycles are needed to better understand our trail network.

**WHEN?**

The purchase will be initiated once the funds are awarded and transferred. If the grant is approved, the Trail Crew will immediately begin researching to find the best financial deal for their preferred choice of motorcycles.

**Program Funding Acknowledgement –**

Stickers and decals will be placed on the motorcycles to show ownership (CPW or BLM owned) along with the OHV Registration Dollars at Work decal to acknowledge the program. The crew members also wear the appropriate uniform (BLM or CPW) to be easily identified in the field.

**DEFINITIONS?** BLM = Bureau of Land Management

RGFO = Royal Gorge Field Office

OHV = Off Highway Vehicle

UAMTC = Upper Arkansas Motorized Trail Crew

TMP = Travel Management Plans

ORP = Outdoor Recreation Planner

RAMP = Recreation Area Management Plan

LEO = Law Enforcement Officer

## Budget Form

**Project Name:** Project Name: RGFO Equipment Request 2025

**Date Project will be Completed:** 12/31/2025

**Project Sponsor:**

\*\*\*ITEMS LISTED IN THE BUDGET BELOW SHOULD BE SPECIFIC AND CORRESPOND TO THE PLANNED ACTIVITIES INDICATED IN THE PROJECT DESCRIPTION (SCOPE OF WORK) IN YOUR GRANT APPLICATION.\*\*\* (Round amounts off to nearest dollar)

PROJECT FUNDING SOURCES <small>List all sources and amounts of project funding in this section (insert additional lines if needed)</small>	CASH	In-Kind (Non-Cash) Contributions	TOTAL
OHV Grant Funding (amount of requested OHV grant funds only)	\$ 36,240		\$ 36,240.00
BLM Admin: Budget, Tracking, Reporting, etc(GS-9 @ 1 week)	\$ -	\$ 960	\$ 960.00
Motorcycle training, via CPW	\$ -	\$ 1,200	\$ 1,200.00
BLM Fleet Truck for OHV Trail Crew		\$ 10,000	\$ 10,000.00
BLM Radios (2)		300 x 2	\$ 600.00
	\$ -	\$ -	\$ -
<b>USE OF GRANT FUNDING</b> <small>List uses of grant funding (only) below</small>	<b>TOTAL PROJECT AMOUNT</b>		<b>\$ 49,000.00</b>

III. Equipment <small>Identify as: Trail Dozers, ATV/UTV, motorcycle, chainsaws, winches, field equipment rentals, equipment fuel, repairs, and operations, etc.</small>				
Yamaha WR450F Street Legal Motorcycles or something similar	\$ 12,000.00	2	\$ 24,000.00	\$ 24,000.00
Chain Saw Mounts accessories	\$ 1,000.00	2	\$ 2,000.00	\$ 2,000.00
Motor Cycle Loading Ramp	\$ 500.00	1	\$ 500.00	\$ 500.00
PPE-Riding boots, chest protector, gloves, elbow pads, knee pads, neck brace, riding pants, jersey	\$ 2,500.00	2	\$ 5,000.00	\$ 5,000.00
Helmets	\$ 300.00	2	\$ 600.00	\$ 600.00
Bike Stand	\$ 200.00	1	\$ 200.00	\$ 200.00
Goggles	\$ 30.00	2	\$ 60.00	\$ 60.00
Tie Down Straps	\$ 35.00	8	\$ 280.00	\$ 280.00
Maintenance items, lubrication, gas, oil, fluids, stand	\$ 1,500.00	2	\$ 3,000.00	\$ 3,000.00
Tool kits and tire gage	\$ 100.00	2	\$ 200.00	\$ 200.00
Utility Vests	\$ 200.00	2	\$ 400.00	\$ 400.00
			<b>Category Total</b>	<b>\$ 36,240.00</b>
			<b>Total</b>	<b>\$ 36,240.00</b>

Note: Any changes to the budget must have pre-approval from the Program

# C-1

## FEDERAL ENVIRONMENTAL INFORMATION and LAND MANAGER APPROVAL

The applicant is responsible for securing all necessary permits, licenses, clearances, SHPO, and environmental analysis documentation necessary to comply with local, state, and/or federal laws.

Project Name OHV Trails Crew- Royal Gorge Field Office Project Sponsor Bureau of Land Management

**As the official responsible for management of the land on which the project will be accomplished, I agree to the following:**

1. The project as described in this application has my approval.
2. The project is located on federal public lands and is in conformance with the appropriate Forest Management Plan, BLM Resource Area Management Plan or other decision document titled:

Royal Gorge Resource Management Plant Date: 5/13/1996

3. A decision has been issued as part of the NEPA environmental review process.

Date and title of document:

Gold Belt TMP ('02), Arkansas River TMP ('08), Fourmile TMP ('08), Box Creek TMP ('03), Garden Park and Shaw' Park Acquisition ('09), Penrose Commons Recreation Area Management Plan (2023)

If a decision has not been issued as part of the NEPA environmental review process, please state the reason why. No funds will be distributed until any required NEPA documentation is completed.

For more information about the NEPA environmental review process, contact:

Sean Reynolds, 719-269-8526

4. The next planning process that may affect this project is planned for N/A.

J. Kalem Lenard, acting for Keith E. Berger, Field Manager, Royal Gorge Field Office

Print or type Land Manager's Name and Title

**JAMES LENARD** Digitally signed by JAMES LENARD  
Date: 2023.11.16 11:36:07 -07'00'

11/16/2023

Land Manager Signature and Title

Date

## **PROJECT SELECTION CRITERIA**

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### **1. Need for & Benefit of the Project (25 points):**

The Royal Gorge Field Office has been building momentum with its' OHV program over the past several years and was awarded Good Management status in 2022. By working with partner groups and adjacent agencies, listening to constituents, and coordinating with Colorado Parks and Wildlife, OHV riding opportunities have continued to improve, and rider satisfaction is high. New trails have been constructed, new permitted race events are occurring, and new single-track trails are being analyzed for implementation.

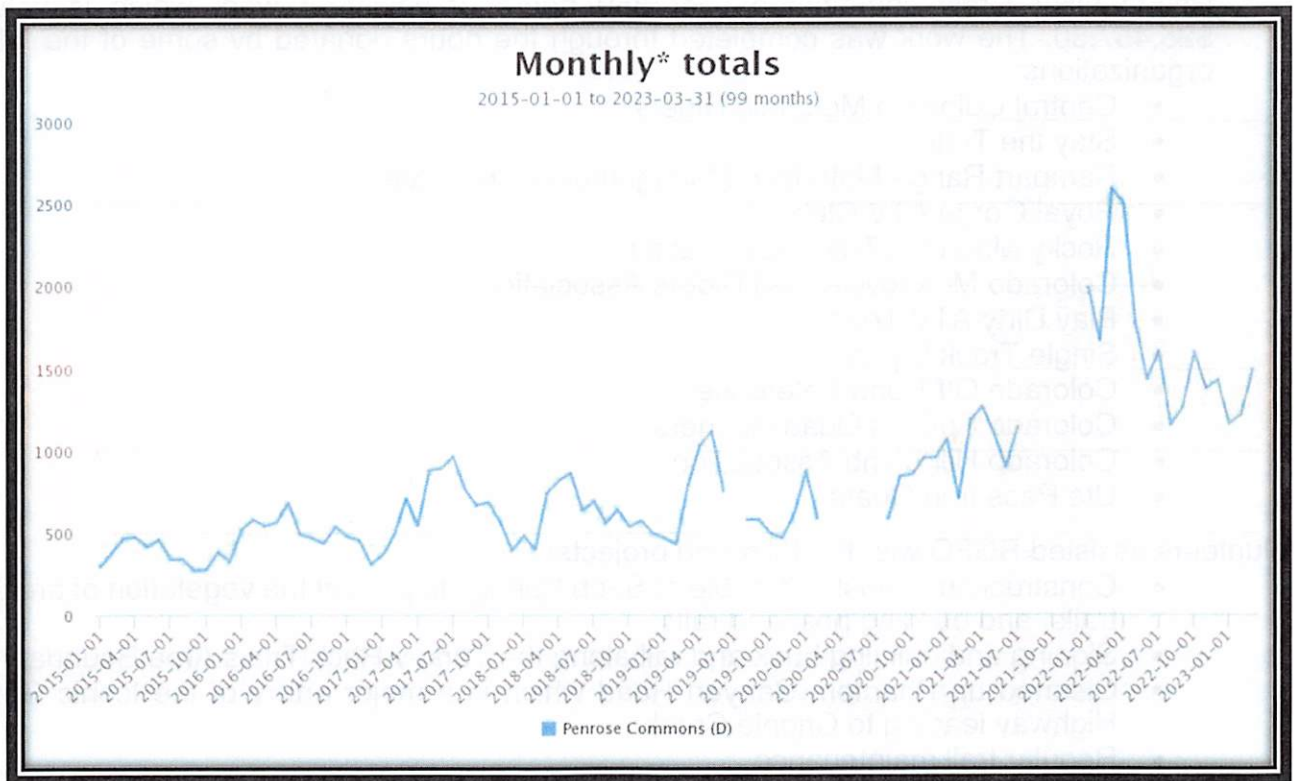
Across the RGFO region, opportunities for 50" riding and full sized 4x4 driving have been provided at major OHV areas and on designated routes throughout dispersed BLM lands across seven counties. The six-mile long DudBob single-track trail in Fourmile was completed in 2020, the Rainbow Trail single-track re-route was completed in early 2022. Recently, Penrose Commons had approximately seven miles of single-track trail proposed and is currently being analyzed for future implementation, pending site specific analysis. As RGFO continues to consider adding responsible and sustainable motorcycle riding opportunities, it's apparent that our OHV Trail Crew needs to equip themselves with motorcycles capable of accessing these trails.

The RGFO OHV Trail Crew now has one career seasonal employee working as the Crew Leader and an experienced seasonal employee who has worked for three seasons in this Field Office. It is expected that retention of these employees will be strong and continue with the momentum of the program. By having the Crew Leader returning each year, attention to detail and long-term knowledge of RGFO areas will continue to grow and benefit the areas and the riders that visit them.

This Trail Crew is requesting funding for two motorcycles so that both members can ride RGFO single-track trails and perform the necessary maintenance and monitoring that has been lacking. The crew has historically either used 50" UTVs to monitor trails or hiked the existing single-track trails, which has not been efficient. Both members of the crew attended CPW sponsored motorcycle training in Woodland Park in July of 2023. To have the proper vehicle to access all trails is paramount to the success of our OHV program. Furthermore, to appropriately equip the bikes with tool carriers and outfit the trail crew with proper PPE is critical.

With the recent proposal for single-track trails at Penrose Commons, and the RGFO subsequently considering and analyzing these trails for implementation, the need for our staff to use motorcycles will increase. Penrose Commons has become a hot spot on the Colorado Front Range during the winter months. While other higher elevation areas in Colorado see regular snowfall and accumulation, Penrose Commons offers desert-like conditions, often seeing temperatures in the 50s or higher through the winter. This generally leaves trails open and dry, and riders from several hours away come to experience Penrose on the weekends. Pending site specific analysis, when officially designated single-track trails open up, we anticipate very high levels of visitation, and our trail crew will need two motorcycles to keep up with trail usage and monitor impacts to the area.

**Graphic:** Penrose Commons visitation since 2015. Peaks in visitation generally occur February through May.



## **2. Partnerships, Support and Leverage (25 points):**

The RGFO works closely with many outside organizations and volunteer groups. In 2023, the RGFO OHV Crew coordinated over 850 hours of volunteer work which is valued at \$25,457.50. The work was completed through the hours donated by some of the following organizations:

- Central Colorado Mountain Riders
- Stay the Trail
- Rampart Range Motorized Management Committee
- Royal Gorge ATV Club
- Rocky Mountain Trials Association
- Colorado Motorcycle Trail Riders Association
- Play Dirty ATV Tours
- Single Track Squids
- Colorado Off Road Enterprise
- Colorado Springs Quad Runners
- Colorado Hill Climb Association
- Ute Pass Iron Goats

Volunteers assisted RGFO with the following projects:

- Construction of post and cable at Seep Springs to protect the vegetation of areas, sign trails, and building post and rails
- Signing and building buck and rail along the Turkey Rock Trials Area Boundary
- Cleaned up Phantom Canyon Road which is a major artery of the Iconic Gold Belt Highway leading to Cripple Creek
- Regular trail maintenance

The RGFO will continue to keep improving partnerships with these organizations while allying with more outside organizations in the future.

Recent meetings with the Singletrack Squids, Rampart Range Motorized Management Committee, and the Central Mountain Trail Riders Association have been successful in mapping out the future of Penrose Commons OHV area management. These groups have offered up help in the form of social media messaging, a volunteer work force for projects on the ground and potentially heavy machinery help. By continuing to work with these and other OHV partners with invested interests in Penrose Commons, we can plan for optimal management of this beloved winter riding area. Their input will be essential in considering trails for analysis.

There has been some controversy with the subject of the single-track trails at Penrose Commons. The proposed trails are mostly already "ridden-in" user created trails. The user created trails became widely known and heavily used. The BLM then worked with stakeholders and partner groups to engage in the appropriate proposal and planning process.

## **3. Resource Protection, Enhancement and Restoration relative to eligible OHV grant activities**

*(25 points):*

The fundamental objective of purchasing the dirt bikes is to increase speed and mobility of the trail crew to better manage trails that have been previously difficult to access for our staff. This will enhance the sustainability of the trail system and adjacent areas by minimizing off trail use and reducing degradation of natural resources. Off trail use has shown to increase erosion concerns, impact wildlife and harm sensitive vegetation.

The planned upkeep of the trails will be carried out in compliance with the National Environmental Protection Act and Department of Interior policies, while using best management practices. Utilizing dirt bikes as conveyances to maintain and construct single track trails in the Field Office will minimize the detrimental impacts by displacing less soil on the proposed routes.



### ***Large Equipment Purchases, Maintenance and Disposition:***

The Royal Gorge Field Office will be responsible for maintenance of the new dirt bikes. The estimated annual cost of taking care of the 2 bikes is \$3,000 for maintenance, routine services and fuel. It is estimated that our trail crew will be using the dirt bikes at around 120 hours per season. Expected annual cost for future operations and maintenance is estimated to be \$3,000 and be dependent on the OHV Grant funding. The projected general life expectancy of the bikes is 8 years and is roughly 1000 hours. When it's time to purchase new dirt bikes, the in-kind trade in value of old bikes will be used for new bike funding, or they could be transferred to other BLM, CPW or Forest Service Trail Crews that could use them.

#### **4. Travel Management Plan Implementation, Education and Enforcement (25 points):**

##### **Travel Management**

The purchase of two motorcycles will directly benefit travel management practices within the RGFO. It is expected that not only will single-track trails be ridden routinely, but motorcycles will help our crew to regularly access routes that get less attention. The RGFO lists over 300 miles of full-sized routes, and some of those miles occasionally get grown in with gambel oak or pines. It is often not easy to tow a trailer with a UTV to these areas just to ride, and some routes have become difficult for a stock 4x4 truck to drive. By utilizing a motorcycle and ramp to load into the bed of a work truck, routes can be easily accessed, and our crew can be more thorough in coverage of designated routes, proper signage, and routine vegetation trimming. When our crew gets the opportunity to add motorcycles to our fleet, they will finally be completely and fully equipped to optimally perform their duties across the Field Office.

Purchasing dirt bikes will generate new travel management abilities. These include improving the haste in which our team locates and mitigates trail issues, as well as increasing accessibility for the trail crew to monitor more difficult 50" and single-track trails. The maintenance of the trails and roads is paramount for the success of travel management. Not maintaining a trail in a timely manner can lead to the proliferation of off-route travel, erosion, and vegetation degradation. The damage to resources on and near trails can lead to conflict and division amongst various user groups which put increased stress on field managers, the trail crew and the OHV community.

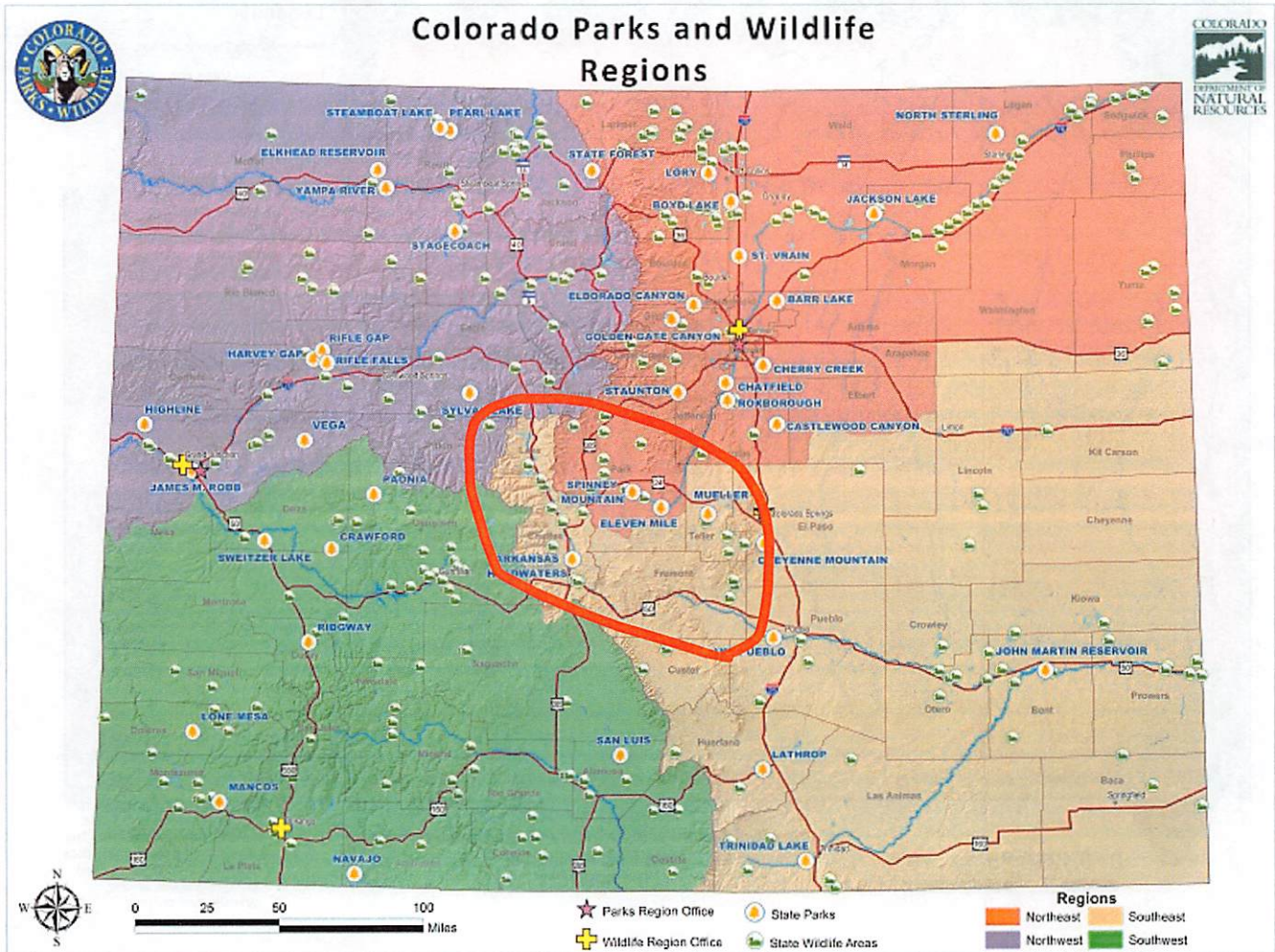
We will be able to use the dirt bikes to inspect areas of interest to mitigate any user created routes, downed trees, fallen rocks and signage issues along the trails. The crew will discover user created routes and close them while patrolling the 50" and single-track trails on dirt bikes. Improving the speed in which we do maintenance, construction and rehabilitation on our district will be beneficial to all the user groups in the Royal Gorge Field Office

The Royal Gorge Field Office works to educate visitors on OHV regulations, fire bans, camping regulations, maps, directions, and other regulations. The OHV Crew works on holidays and weekends to maximize outreach and education on the busiest of OHV user days. The OHV crew contacts many trail users in the field and provides the riders with valuable resources to enrich their OHV riding experiences.

The Royal Gorge Field Office OHV Crew makes great efforts to ensure the appropriate trail marking signs are in place on all trails. The use of adequate, clear, and concise signage provides meaning to the OHV users that makes them understand and comply with trail regulations. The crew monitors 91 miles of 50" trails which get damaged by vehicles over 50". The OHV enforces 50" compliance by installing 50" restrictors at trail heads, interpersonal communication with users and with adequate signage. The use of dirt bikes to monitor 50" trails will prove beneficial for ensuring compliance with OHV regulations and maintaining signage.

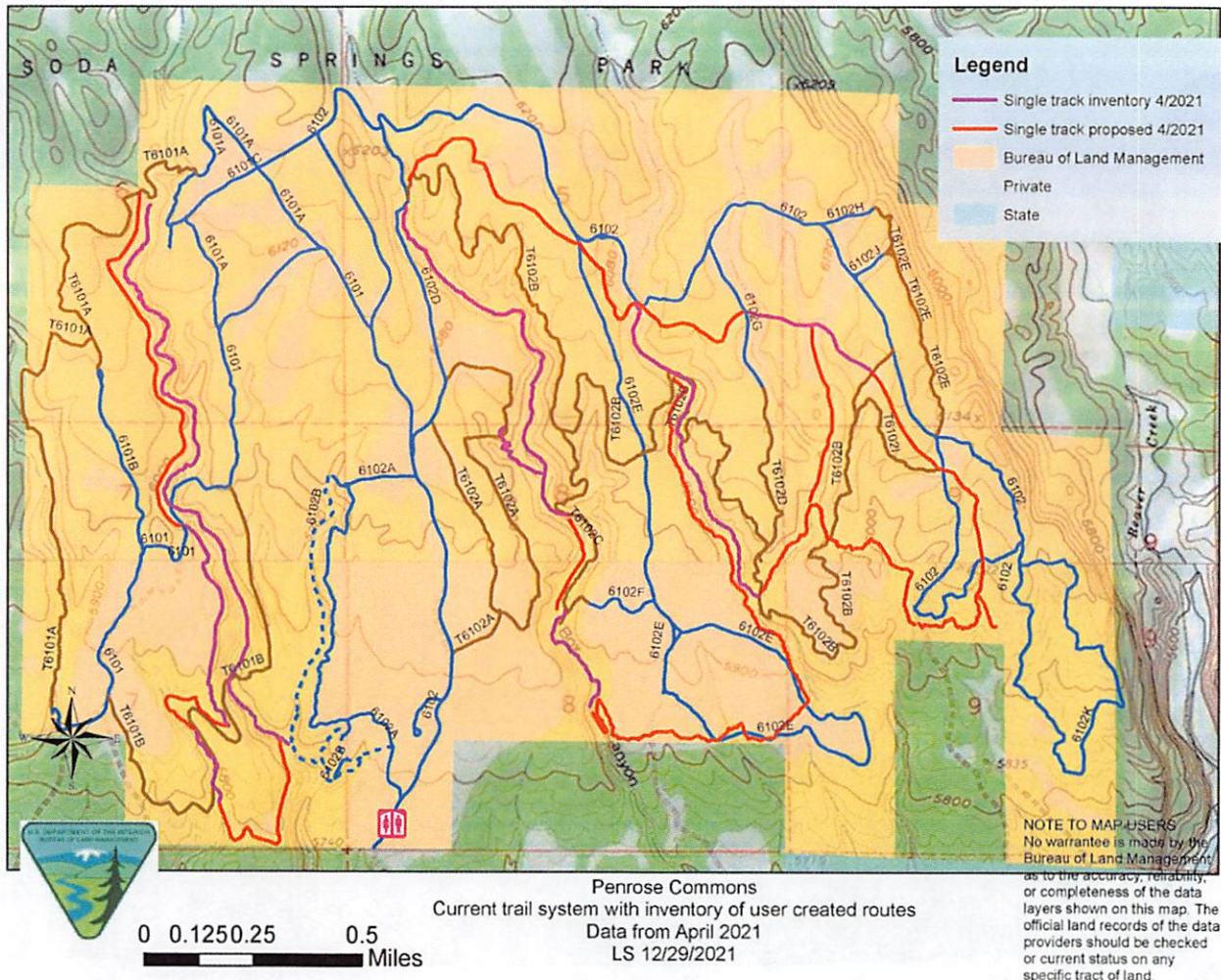
## E-1 Vicinity Map & E-2 Project Site Maps

E-1 Vicinity Map: Please mark the vicinity where the project is located on the map below.



**E-2 Project Maps:** Please provide a map identifying the specific trail-work area or project site.  
 (Make 12 copies to include in your application packet)

**Image 1:** Penrose Commons Proposed Single-Track (in pink and red)



**(F) Project Illustration**

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**Image 2: CPW Sponsored Motorcycle Training in Woodland Park.**



**Image 3: Hiking proposed single-track in Penrose Commons with CPW Southeast Trails Coordinator and interested parties. Map shows proposed single-track routes at Penrose.**

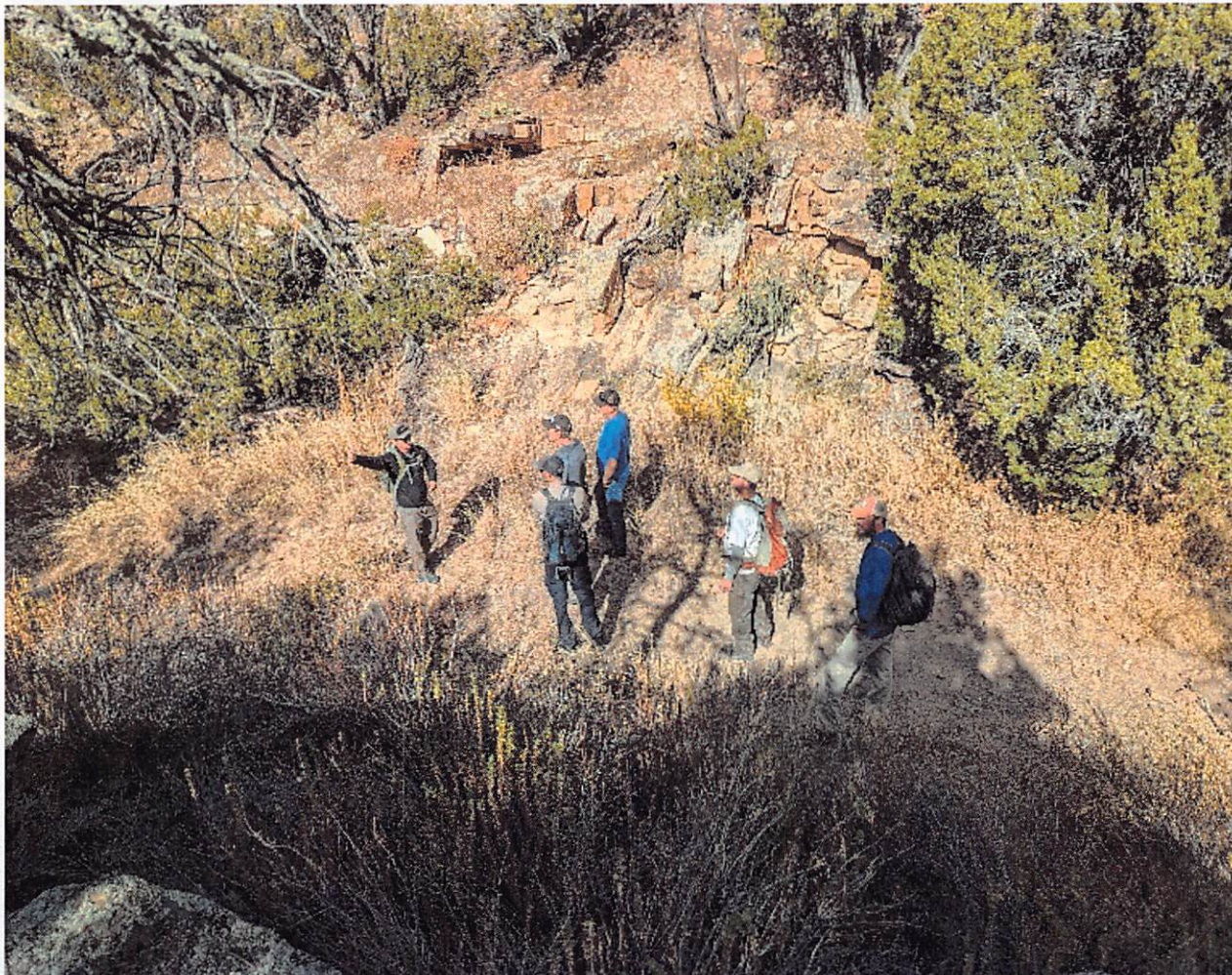


Image 4: Our dream bike, Yamaha WR450F



## 2024 Yamaha WR450F



Fremont Motorsports  
 600 E. Main Street,  
 Florence, Colorado 81226  
 (719) 784-9633  
 fremontmotorsports.com

### CUSTOMER

DATE	11/28/2023
PRICE	\$10,199.00
SALESPERSON	
SIGNATURE	

### Comments

#### ENDURO MASTER

Lighter, slimmer, sharper and more powerful, the all-new WR450F offers class-leading performance for competitive off-road riding.

### GENERAL INFORMATION

Manufacturer	Yamaha
Model Year	2024
Model Name	WR450F
Model Code	NA
Color	Team Yamaha Blue
Engine Size	450 cc
MSRP	\$10,199.00

### FEATURES

#### New For 2024

**450CC FOUR-STROKE ENGINE:** Lighter, more compact with increased power across the entire rev range, the 450cc engine runs revised ECU settings that also enhance low-end tractability.

**ALUMINUM BILATERAL BEAM FRAME:** A redesigned aluminum bilateral beam frame with a 15mm lower head pipe joint allows the frame rail and tension pipe to sit lower, and along with WR450F-specific front engine mounts, provide just the right amount of strength and flex for the perfect balance of straight-line stability and cornering performance. With a lower center of gravity, the WR450F is a better handling machine with lighter feel, more agility and increased traction for tackling tight, technical trail sections with greater confidence.

**LIGHTWEIGHT REAR WHEEL ASSEMBLY:** A three-spoke pattern joins the blue anodized Excel rim to a lighter hub, and a YZ450F-spec rear brake system sheds further weight. The rear wheel axle is wider in diameter for enhanced ride feedback.

**COMPACT LIGHTWEIGHT CLUTCH:** A disc clutch design replaces the coil springs of the previous model and integrates primary gear and basket into a single steel unit. The result is a more compact, lightweight and durable assembly which yields smooth engagement and excellent feel. Premium clutch cover employs a stylish geometric design for a bold look.

**WIDE-RATIO FIVE-SPEED TRANSMISSION:** All tri-shaft transmission layout vertically stacks the transmission shafts, raising the center shaft and forming a triangle between the crank, drive shaft and main shaft for a lighter, more compact transmission. Gear ratios are optimized for enduro conditions.

**REVISED SUSPENSION WITH TOOLLESS FORK ADJUSTMENT:** WR450F's front fork and rear shock settings are optimized for enduro competition. Front fork now features redesigned fork seals for improved seal life and a hand operated compression clicker for simple, toolless adjustments. Additionally, a 10mm lower seat height than the YZ450F provides a lower center of gravity for improved low-speed maneuverability.

**TRACTION CONTROL SYSTEM:** A Traction Control System communicates wheel slip to the ECU, tuning the engine to maintain ideal rear wheel traction. Three levels can be selected: HIGH, LOW or OFF.

**WIDE-RATIO FIVE-SPEED TRANSMISSION:** The WR450F's wide-ratio 5-speed transmission provides the right gear for any off-road situation, from tight technical sections to open fields and fire roads. The tri-shaft transmission layout vertically stacks the transmission shafts, raising the center shaft and forming a triangle between the crank, drive shaft and main shaft for a lighter, more compact transmission.

#### Chassis / Suspension

**ALUMINUM BILATERAL BEAM FRAME:** Striking the perfect balance of precise cornering performance and handling stability, the redesigned aluminum bilateral beam frame consists of more than 10 different aluminum components welded together with WR450F-specific engine mounts. The frame design results in a lower center of gravity for better handling, lighter feel, improved bump absorption and increased traction, allowing the rider to enter corners with greater confidence and more line choices.

**CLASS-LEADING SUSPENSION:** The industry-leading, fully adjustable KYB® coil spring-type fork with speed-sensitive damping provides exceptional balance between handling and bump absorption, and now features a hand operated compression clicker for toolless adjustments. The linkage-type rear suspension uses a KYB® shock with specially-tuned damping characteristics to match the WR450F chassis. Settings also result in a 10mm lower seat height than the YZ450F and lower center of gravity for improved cornering performance and rider comfort in technical sections.

**ENDURO WHEELS:** The WR450F's lightweight 18-inch rear wheel comes laced with a three-cross-spoke pattern for improved impact absorption and rider feel. Premium Excel rims and come wrapped in Dunlop® MX33 tires for an ideal balance of traction and durability.

**HIGH PERFORMANCE BRAKING SYSTEM:** A large 270mm front brake disc and 240mm rear are coupled with high performance Nissin calipers to provide exceptional stopping power and control. A lightweight YZ450F-spec rear brake system sheds unsprung weight.

**STRONGER FORK SEALS:** Redesigned fork seals improve seal life. The lip length has been increased and its excellent tracking properties prevent dust from entering the inner tube, thus reducing the potential for oil leaks.

**SLIMMER BODY & IMPROVED ERGOS:** A slimmer, flatter and more compact body eases rider movement for improved control, including a flatter seat with more rounded edges, seamless side covers and more narrow shrouds. The rider triangle is also improved with increased legroom between the seat and footpegs, and revised handlebar position for a more natural posture and enhanced rider comfort.

#### Other Features

**DESIGNED FOR ENDURO:** The WR450F features enduro-developed components including 2.0 gallon fuel capacity, multi-function meter with fuel and engine warning lights, 18-inch rear wheel, head and tail light, radiator fan, skid plate, sealed O-ring chain, folding aluminum kickstand and an EPA-approved spark arrestor muffler.

**EMBEDDED GRAPHICS:** Premium embedded graphics are built into the bodywork for extended durability, resisting both peeling and damage.

**FOCUS ON MASS CENTRALIZATION:** For enhanced mass centralization, a plastic fuel tank is adopted with larger lower portion and lower fuel pump location, while a smaller YZ450F-type shorty muffler brings weight more toward the center of the bike.

**HIGH PERFORMANCE DETAILS:** The WR450F boasts a wide range of additional top-spec details carried over from the competition-tested YZ450F including rubber-mounted, four-position adjustable handlebar clamps, aluminum tapered handlebars, compact PVC handlebar pad, wide footpegs with lightened left-side bracket, lightweight throttle cables, quick-adjust clutch perch, toolless air filter access, scratch-resistant geometric design clutch cover, and multi-function switchgear.

#### SPECIFICATIONS

#### BRAKES/WHEELS/TIRES



Brakes	Front - Hydraulic disc, 270 mm Rear - Hydraulic disc, 240 mm
Tires	Front - 80 / 100-21 Dunlop® Geomax MX33F Rear - 120 / 90-18 Dunlop® Geomax MX33
<b>DIMENSIONS</b>	
Length	85.4 in.
Height	49.8 in.
Width	32.5 in.
Weight	Wet* - 258 lb. (*Wet weight includes the vehicle with all standard equipment and all fluids, including oil, coolant (as applicable) and a full tank of fuel. It does not include the weight of options or accessories. Wet weight is useful in making real-world comparisons with other models.)
Ground Clearance	Maximum - 13.0 in.
Wheelbase	57.9 in.
Seat Height	37.6 in.
<b>DRIVETRAIN</b>	
Transmission	5-speed
Final Drive	Chain
<b>ENGINE</b>	
Engine	DOHC 4-stroke; 4 titanium valves
Cooling	Liquid
Displacement	450 cc
Bore x Stroke	3.8 x 2.4 in. (97.0 x 60.8 mm)
Compression Ratio	13.0:1
Clutch	Multiplate wet
Fuel System	Mikuni® fuel injection, 44 mm
Starting	Electric
Fuel Capacity	2.0 gal.
<b>OPERATIONAL</b>	
Front Suspension	KYB® spring-type fork with speed sensitive damping; fully adjustable Travel - 11.8 in.
Rear Suspension	KYB® single shock; fully adjustable Travel - 12.0 in.
Rake	Caster Angle - 26°
Trail	4.3 in.
<b>OTHER</b>	
Warranty	30 Day (Limited Factory)

Legal Notice: Manufacturer Name, Logo and Model Information are Registered Trademarks of the Manufacturer. Specifications and other information are subject to change without notice. No representation of accuracy is made. Image is believed to be in the public domain or used with permission.

\*Price, if shown, is Manufacturer's Suggested Retail Price (MSRP) and does not include government fees, taxes, dealer vehicle freight/preparation, dealer document preparation charges or any finance charges (if applicable). MSRP and/or final actual sales price will vary depending on options or accessories selected.

**SLIMMER BODY & IMPROVED ERGOS:** A slimmer, flatter and more compact body eases rider movement for improved control, including a flatter seat with more rounded edges, seamless side covers and more narrow shrouds. The rider triangle is also improved with increased legroom between the seat and footpegs, and revised handlebar position for a more natural posture and enhanced rider comfort.

## Top Features

**ALUMINUM BILATERAL BEAM FRAME:** A redesigned aluminum bilateral beam frame with a 15mm lower head pipe joint allows the frame rail and tension pipe to sit lower, and along with WR450F-specific front engine mounts, provide just the right amount of strength and flex for the perfect balance of straight-line stability and cornering performance. With a lower center of gravity, the WR450F is a better handling machine with lighter feel, more agility and increased traction for tackling tight, technical trail sections with greater confidence.

**CLASS-LEADING SUSPENSION:** The industry-leading, fully adjustable KYB® coil spring-type fork with speed-sensitive damping provides exceptional balance between handling and bump absorption, and now features a hand operated compression clicker for toolless adjustments. The linkage-type rear suspension uses a KYB® shock with specially-tuned damping characteristics to match the WR450F chassis. Settings also result in a 10mm lower seat height than the YZ450F and lower center of gravity for excellent cornering performance and rider comfort in technical sections.

**HIGH PERFORMANCE BRAKING SYSTEM:** Compact front and rear brake calipers work with aggressive pad compounds and lightweight discs to provide exceptional braking power and control, efficiently dissipate heat and reduce unsprung weight. A YZ450F-spec rear brake system sheds further weight.

**HIGH PERFORMANCE 450CC FOUR-STROKE ENGINE:** The completely redesigned 450cc liquid-cooled DOHC four-stroke engine is lighter, more compact and features stronger pulling power across the entire rev range.

**SLIMMER BODY & IMPROVED ERGOS:** A slimmer, flatter and more compact body eases rider movement for improved control, including a flatter seat with more rounded edges, seamless side covers and more narrow shrouds. The rider triangle is also improved with increased legroom between the seat and footpegs, and revised handlebar position for a more natural posture and enhanced rider comfort.

**THE ULTIMATE OPEN CLASS ENDURO RACER:** Based on the benchmark-setting YZ450F motocrosser, the WR450F is more versatile than ever. Lighter and more compact with a lower center of gravity, WR450F has been developed for enhanced performance and handling at all speeds. With a more tractable and longer pulling engine, revised ECU settings, chassis, wide-ratio transmission, lightweight rear wheel and brake system, and more, the 2024 WR450F is ready to tackle the toughest off-road conditions.

## Engine

**ADVANCED FUEL INJECTION:** The engine breathes through a 44mm Mikuni® throttle body fed by a high-pressure electric pump to ensure optimum fuel atomization and power for a wide range of altitudes, weather and riding conditions.

**450CC FOUR-STROKE ENGINE:** The 2024 WR450F's advanced four-stroke engine has been completely redesigned to be lighter, more compact, higher revving and more powerful across the entire rev range. Among the changes are exhaust and intake port shapes, larger diameter titanium intake valves, piston, cylinder, crankshaft and balancer assembly, and a switch from wet sump to dry sump lubrication. Additionally, ECU settings are tailored to suit the specific needs of trail riding and enduro competition.

**ELECTRIC STARTER SYSTEM:** The WR450F features a compact electric starter system to minimize restart delays in competition and add convenience everywhere else. Powered by a high-capacity and lightweight four-cell lithium-ion battery, the system adds consistent performance and minimal weight.

**COMPACT LIGHTWEIGHT CLUTCH:** The clutch design replaces the coil springs of the previous model with a disc spring and integrates primary gear and basket into a single steel unit. The result is a more compact, lightweight and durable assembly which yields smooth engagement and excellent feel. Premium clutch cover employs a stylish geometric design for a bold look.



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## Central Colorado Mountain Riders

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23 November 2023

Off-Highway Vehicle Grant Program Manager  
Colorado Parks and Wildlife  
13787 South Highway 85  
Littleton, CO 80125

Dear Mr. Metsa,

Please accept this letter of support from the Central Colorado Mountain Riders (CCMR) for the Royal Gorge Field Office's (RGFO), RGFO Motorcycle Funding Request grant application. The CCMR supports the RGFO's grant application for two-motorcycles and accessories.

CCMR is an all-volunteer, non-profit motorcycle club based in Salda, CO with over 200 members. Our mission is to preserve, maintain and create motorized trail opportunities in the central Colorado area through cooperation, education, etiquette, and stewardship. CCMR partners with the US Forest Service and the Bureau of Land Management to preserve the sport of motorized trail riding and multiuse recreation in central Colorado.

CCMR supports the RGFO's RGFO Motorcycle Funding Request application to purchase two motorcycles. This grant request also includes protective riding gear, chainsaw mounts, and maintenance items to support the OHV crew on motorcycles. This will allow the RGFO trail crew to access, monitor and maintain the 10.25 miles of singletrack and the 91 miles of 50" ATV trails as well as other routes throughout the Field Office's managed land. It will also allow the trail crew to assist CCMR with our workdays that require motorcycle access. Presently, trail crew can only attend those workdays where we hike in. Specially, the RGFO trail crew provided support to Rainbow Trail Reroute trail, which has three singletrack miles, and DudBob Trail, which has six singletrack miles. Both trails were constructed using CPW OHV funds managed by CCMR. Had the RGFO trail crew had motorcycles, their assistance would have been more efficient.

The RGFO manages several multiuse OHV areas that are highly used by CCMR members that include Seep Springs, Penrose Commons, Texas Creek and Turkey Rock. These areas get a lot of CCMR member use. Travel in these RGFO managed areas will be a lot easier on motorcycles.

The CCMR supports the Royal Gorge Field Office's RGFO Motorcycle Funding Request application.

Sincerely,  
*Bob Daniel*  
President – CCMR



Mr. Tom Metsa

November 25th, 2023

OHV Program Manager  
Colorado State Parks  
13787 S. Hwy, 85  
Littleton, Co 80125

Mr. Metsa,

The Royal Gorge ATV Club supports the BLM Royal Gorge field office seeking grant funding. RG BLM is applying for a competitive grant to purchase two motorcycles. Their motorcycle request grant will focus on better attention to their single-track trails and better management of the new single-track trails being created at the Penrose Commons recreation area. The BLM OHV crew currently does not have any motorcycles. The Royal Gorge ATV club asks that you consider their request. Thank you.

Tim McCain  
Public land liaison  
Royal Gorge ATV Club

Tom Metsa  
OHV Program Manager  
Colorado Parks and Wildlife  
13787 S. Highway 85  
Littleton, CO 80125

Dear Mr. Metsa,

The Royal Gorge Field Office of the Bureau of Land Management is requesting a grant of OHV funds in order to purchase 2 motorcycles for their OHV crew. As president of the Rocky Mountain Trials Association I am writing in support of their request.

This office manages a number of the locations we utilize for our motorcycle trials competitions, so we are familiar with their operation and how they work to support and provide the public with OHV recreation opportunities on public land. We are confident that the funds would be utilized responsibly and to continue and expand OHV use opportunities for OHV users as the program intends.

Thank you for your consideration,

Regards,



Chris J Hertrich  
President  
Rocky Mountain Trials Association  
22605 CR 287  
Nathrop, CO 81236



**RAMPART RANGE  
MOTORIZED MANAGEMENT COMMITTEE, INC.**  
PO BOX 3511, ENGLEWOOD, CO 80155  
FOUNDED 1972

Tom Metsa  
OHV Program Manager  
Colorado Parks and Wildlife  
13787 S. Highway 85  
Littleton, CO 80125

Dear Mr. Metsa,

Since 1972, the RRMMC has worked with the USFS and the BLM in partnership for sustainable motorized trail planning and to provide essential maintenance on hundreds of miles of OHV trails. As a partner to the RGFO with our heavy machinery maintenance, we have also been involved in the ongoing discussions and efforts for new singletrack at Penrose Commons.

We support the RGFO trail crew acquiring a pair of motorcycles because this is a tool that they are lacking. The nearly 4,000 miles of OHV trails in the RGFO are enjoyed by off road motorcycles of all sizes for the scenery and nearly year-round riding opportunities. For a crew to fully appreciate and engage with motorcycling within their office, they should be regular moto riders and understand the attraction and culture enjoyed by off road motorcycles in the RGFO.

A small portion of the OHV trails in the RGFO are only accessible on foot or by two wheels, creating challenges for outreach and enforcement. Additionally, the RGFO has been meeting with motorcycle groups and is looking to add singletrack trails to their future plans for Penrose Commons. We plan to continue working with them to propose, analyze, and help implement future riding opportunities on their lands.

Thank you,

Jim Peasley  
Land Manager Liaison  
liaison@ramparange.org  
RRMMC  
PO Box 3511  
Englewood, CO 80155

Sean Reynolds  
Outdoor Recreation Planner  
Royal Gorge Field Office

November 21, 2023

My name is Brian Davis and I am the promoter for the 2022 and 2023 Bull Gulch Enduro which has been a very successful event. The total number of riders in 2022 was 152, this increased to 168 in 2023 and I anticipate a larger increase in riders in 2024. I am a native of Colorado and have been riding and racing dirt bikes for over 40 years. My friends and I have been riding in Texas Creek OHV for many years.

When it came time for me to promote a race, I knew that Texas Creek OHV was the place to hold the event. It is the perfect terrain for an enduro competition. This was validated by those who participated in the race for both years and are planning on returning when I hold my third event in 2024.

The feedback that I received from the riders for both events was extremely positive. The one main request was to increase the number of single track trails in the area, which would make the Texas Creek OHV even more popular for future events and recreational riding.

The dirt bike market size was valued at 4 billion USD in 2022 and it is estimated to grow by 8% from 2023 to 2032. The rise in these bike racing events will positively influence the demand over the coming years.

This sport is becoming more popular and thus it is imperative to have access to good riding areas such as Texas Creek OHV.

A big thank you to the Royal Gorge Field Office for their help with the Bull Gulch Enduro, they were very accommodating and professional to work with and looking forward to working with them in the future.

Thank you,

*Brian Davis*

Tom Metsa  
OHV Program Manager  
Colorado Parks and Wildlife  
13787 S. Highway 85  
Littleton, CO 80125

Dear Mr. Metsa,

I want to write you to thank for your consideration of any grant that can continue to preserve and maintain the land managed by the Bureau of Land Management, Royal Gorge Field Office. It is my opinion that we share a mutual interest in allowing for the local community to recreate while maintaining this area for future generations to enjoy. As the founder of the Single Track Squids with over 2,400 members, it is my mission to instill sustainable cultural values that reflect the importance and privilege that we all have in being able to recreate with our friends and families.

The Single Track Squids members simply appreciate any and all effort that is put forth by our local and federal partners including the efforts to maintain these trails for motorized use and the consideration of any grant applications that would help to maintain this area.

We support the RGFO acquiring a pair of motorcycles, a tool that would greatly help them with access to OHV trails. These trails are only accessible by foot or two wheel vehicles. Having motorcycles would help them to respond quickly if needed, which would be a benefit to not only other motorcyclists, but hikers as well.

The RGFO has been working with local groups like mine to implement future single track trails in the Penrose Commons OHV area. Having the versatility of motorcycles for current and future single track trails, can help promote responsible trail use by not just motorcyclists, but all users.

The Singletrack Squids will continue to work with the RGFO in all efforts to help educate the public regarding responsible use of these trails and areas for everyone.

Brian Taylor  
Founder  
Single Track Squids  
727.457.1991 / sqid121@yahoo.com