

2020 California State Parks OHV Grant Application Proposals

1. Iron Telephone Development Grant Application

Project: purchase and installation of a double vault toilet building. The installation of this toilet will improve the health and safety as it relates to human waste and thereby encourage responsible OHV riding and responsible use at the popular staging area “Iron Telephone” within the Whisky Falls OHV riding area on the Bass Lake Ranger District.

Currently there are no toilet facilities at this location. This situation has created health, safety, and resource concerns. The Iron Telephone Staging area is the major parking and staging site for the Whisky Falls OHV riding area. This Staging area allows OHV users to access nearly 150 miles of roads and motorized trails open to OHV use. The staging area has a FS information board which is used to provide information to the public. Use is heavy on the weekends and moderate during the weekdays.

- Development of a planning grant already received.

Grant request is ~\$60,000

- Vault Toilet (build, transportation) -\$48,000
- Installation (contracting) - \$7,000
- USFS staff time - \$5000

2. Education & Safety Grant Application

Project: The goal in developing an OHV education program is to reach communities of OHV users at off-Forest events. This application would fulfill a request put forward by the public at the November public meeting. The staff will attend an anticipated 6-8 events in the Fresno/Madera/Tulare areas to promote responsible motorized recreation and Tread Lightly ethics on public lands. We aim to reach a diverse cross-section of the public from experienced OHV recreationists to communities who may not have heard of Tread Lightly or people interested in OHV but who have limited access to information. Information booths would display handouts with OHV trail information, Tread Lightly! brochures, and how to safely and responsibly enjoy this recreation opportunity. We would also look in to what it would take to purchase and place spill kits and first aid kits on routes during poker run events. We plan to expand this program in the future to allow for better coverage of trails with regard to monitoring for public use, but for now we propose starting modestly with the following:

Staff: \$7,500 (estimate 6-8 events annual @ 2 days/event and 2-3 staff/event w/OT)

Materials: \$2,500

3. 2020 Annual Ground Operations Grant Application

Program Expenses

Staff

1. BL: OHV Rec Specialist (GS9) Days: 110 Rate/day: \$312 Grant Request: \$34,320

Notes: The OHV Rec Specialist plans, directs, trains employees and volunteers in the program of work for ground ops OHV trail maintenance and OHV facility operation and maintenance. During the year, works alongside the crew (or without crew in their off season) completes trail opening/clearing, brushing, sign installation, cleaning/repairing water bars, dispersed camps and developed campground utilized by OHV users, to conduct maintenance and repair; cleaning toilets, litter pick-up, fire ring repair/ cleaning. When patrolling works on trails, dispersed areas, developed campgrounds for problems such as resource damage related to OHV use, develops projects for the mitigation and then implementing the projects i.e. rock barriers, completes public contacts for implementation of MVUM, "Tread Lightly!" principles, document accomplishments, purchase of materials and supplies.

2. BL: Asst. OHV Rec Specialist (GS7) Days: 90 Rate/day: \$244 Grant Request: \$21,960

Notes : Takes direction from OHV Rec specialist to implement program of work for ground operations for motorized trail maintenance and OHV facility operation and maintenance, works with 3 -4 temporary employees.

Completes trail opening/ clearing, brushing, sign installation, cleaning/repairing water bars, dispersed camps developed campground used by OHV users consisting of maintenance and repair; cleaning toilets, litter pick-up, fire ring repair/ cleaning. When patrolling completes work on trails, dispersed areas, developed campgrounds for

problems such as resource damage related to OHV use, implements projects for the mitigation of resource damage i.e. rock barriers, completes public contacts for implementation of MVUM, "Tread Lightly!" principles.

3. BL: OHV Rec Tech (GS5) Days: 260 Rate/Day: \$135 Grant Request: \$37,700

Notes: Two temporary employees for 130 days each. Takes direction from OHV Rec specialist- in the program of work for ground operations motorized trail maintenance and OHV facility operation and maintenance, Supervises and works alongside one temporary employee. Completes trail opening/ clearing, brushing, sign installation, cleaning/repairing water bars, dispersed camp ground and developed campground maintenance and repair; cleaning toilets, litter pick-up, fire ring repair/cleaning. When patrolling completes work on trails, dispersed areas, OHV related developed campgrounds for problems such as resource damage related to OHV use, implements projects for the mitigation of resource damage i.e. rock barriers, completes public contacts for implementation of MVUM, "Tread Lightly!" principles.

4. BL: OHV Rec Tech (GS4) Days: 390 Rate/Day: 125 Grant Request: \$48,766

Notes : Three temporary employees for 130 days each. Completes the on the ground" program of work for ground operations for motorized trail maintenance and OHV facility operation and maintenance, Completes trail opening/clearing, brushing, sign installation, cleaning/repairing water bars, dispersed camps and OHV related developed campground maintenance and repair; cleaning toilets, litter pick-up, fire ring repair/ cleaning. When patrolling completes work on trails, dispersed areas, developed campgrounds for problems such as resource damage related to OHV use, implements projects for the mitigation of resource damage, completes public contacts for implementation of MVUM, "Tread Lightly!" principles.

5. BL: Trail Maint/OHV CG Tech Days: 20 Rate/day: \$233 Grant Request: \$4,660

Notes: An employee to help with dispersed recreation area clean up and maintenance of motorized recreation areas identified on the MVUM

6. HS: OHV/OSV Rec Specialist (GS9) Days: 110 Rate/day: \$312 Grant Request: \$34,320

Notes: Combined Position. The OHV Rec Specialist plans, directs, trains employees and volunteers in active implementation of the program of work for ground operations for motorized trail maintenance and OHV facility operation and maintenance. During the year, assists crew (or without crew in their off season) completes trail opening/ clearing, brushing, sign installation, cleaning/repairing water bars, dispersed and developed campground maintenance and repair; cleaning toilets, litter pick-up, fire ring repair/ cleaning. When patrolling reviews trails, dispersed areas, OHV related developed campgrounds for problems such as resource damage related to OHV use, develops projects for the mitigation and then implementing the projects i.e. rock barriers, completes public contacts for implementation of MVUM, "Tread Lightly!" principles, document accomplishments, purchase of materials and supplies. The OSV Mgr. performs duties in support of the OSV program. Approximately 50% of total program work assignments take place in the field. The manager performs OSV trail maintenance work through brushing, removing fallen trees, installing trail markers and signs, trail surface repair, hazard evaluation/mitigation and leads employee and volunteer trail work crews. The manager educates public and implements wilderness boundary management. A large percentage of OSV trails are roads during the summer months; however the clearing requirements are greater width & height than road standards. During summer months, this position manages dispersed recreation locations along and adjacent to OHV routes are routinely managed and maintained. This involves trash and fire ring cleanup. The remaining 50% of work focus upon OSV project planning and supervision of employees. These costs are indirect and are not included in this line item.

7. HS: OHV/OSV Asst Rec Specialist (GS7)Days: 180 Rate/day: \$244 Grant Request: \$43,920

Notes: Takes direction from OHV/OSV Rec Mgr. – Implements program of work, supervises and works alongside temporary employees, patrols for status of trails, contacts visiting public, provides education and information, completes trail work projects. Instructs safe use of ATV's, and ROV's. Assists with instruction of chainsaw users. Serves as a tree faller to remove hazard trees from trail and campgrounds. Operates the SWECO trail tractor, boulder buster, rock drill, power auger and all OHV/OSV equipment on the High Sierra Ranger District.

8. HS: OSV Heavy Equipment Operator Days: 15 Rate/day \$232 Grant Request: \$3,480

Notes: Operator will assist OSV program in trail maintenance and maintenance of dispersed camps identified on the MVUM.

9. HS: OHV/OSV Rec Tech (GS6) Days: 250 Rate/day: \$185 Grant Request: \$46,220

Notes: Takes direction from OHV/OSV Rec Manager and Asst. OHV/OSV Rec Manager - Implements program of work, patrols to check status of trails, contacts visiting public, provides education and information, trail work.

10. HS: OHV/OSV Rec Tech (GS5) Days: 520 Rate/day: \$145 Grant Request: \$75,421

Notes: There will be 4 temporary positions (2 OHV & 2 OSV) filled by this line item for 130 days each. Take direction from OHV/OSV Rec Manager and Asst. OHV/OSV Rec Manager - Implement program of work, patrol to check status of trails, contact visiting public, provide education and information, trail work.

11. HS: OHV/OSV Rec Tech (GS4) Days: 520 Rate/day: \$125 Grant Request: \$65,021

Notes: There will be 4 temporary positions (2 OHV & 2 OSV) filled by this line item for 130 days each, Take direction from OHV Rec Specialist and Asst. OHV Rec Specialist- Implement program of work, patrol to check status of trails, contact visiting public, provide education and information, trail work, OHV related campground clean up and helps volunteer groups complete trail projects.

12. Specialist: Archeologist Survey and Record

Notes: To be able to assess the effects to cultural resources and document in a report results in order to be in compliance with laws, regulations, and policy, Review issues generated in the field through annual maintenance. The funding requested supports:

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|-----------------------------------|---------------|-----------------|------------------------|
| • Forest Archeologist | Days: 2 | Rate/day: \$495 | Grant Request: \$989 |
| • Two District Archeologists | Days: 5 total | Rate/day: \$378 | Grant Request: \$1,890 |
| • Assistant District Archeologist | Days: 5 | Rate/day: \$319 | Grant Request: \$1,595 |
| • Two seasonal GS-5 | Days: 5 each | Rate/day: \$135 | Grant Request: \$1,350 |

13. Specialist: Aquatics Monitoring

Notes: To be able to monitor impacts to aquatic resources and to be able to document in a report results of the monitoring to be in compliance with OHMVR monitoring requirements (HMP) and Biological Opinion reporting/ monitoring for Fish and Wildlife Review issues generated in the field through annual maintenance. The requested funding provides:

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|-----------------------------------|----------------|-----------------|------------------------|
| • Two District Aquatic Biologists | Days: 16 total | Rate/day: \$376 | Grant Request: \$6,016 |
| • Aquatics Biology Tech | Days: 10 | Rate/day: \$312 | Grant Request: \$3,120 |
| • Four Seasonal GS-3-6 | Days: 10 each | Rate/day: \$135 | Grant Request: \$5,400 |

14. Specialist: Botanic Monitoring

Notes: To be able to monitor impacts to botanic resources and to be able to document in a report results of the monitoring to be in compliance with OHMVR monitoring requirements (HMP). Review issues generated in the field through annual maintenance. The requested funding supports:

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|------------------------------|--------------|-----------------|------------------------|
| • Forest Botanist (GS-11/12) | Days: 5 | Rate/day: \$388 | Grant Request: \$1,941 |
| • One Seasonal GS-7 | Days: 5 | Rate/day: \$154 | Grant Request: \$770 |
| • Two Seasonal GS-5 | Days: 5 each | Rate/day: \$135 | Grant Request: \$1,350 |

15. Specialist: Hydrology Monitoring

Notes : To be able to monitor impacts to hydrologic resources and to be able to document in a report results of the monitoring to be in compliance with OHMVR monitoring requirements (HMP) and Annual Soil Conservation Report. Collect field data Biological Opinion reporting/monitoring for Fish and Wildlife. Review issues generated in the field through annual maintenance. The requested funding provides:

- Two District Hydrologists Days: 12 each Rate/day: \$347 Grant Request: \$8,323
- One Seasonal GS-5 Days: 12 Rate/day: \$135 Grant Request: \$1,620

16. Specialist: Wildlife Monitoring

Notes: To be able to monitor impacts to wildlife resources and to be able to document in a report results of the monitoring to be in compliance with OHMVR monitoring requirements (HMP). Review issues generated in the field through annual maintenance. Funding request includes:

- Two District Biologists Days: 2 each Rate/day: \$375 Grant Request: \$1,500
- Assistant Biologist Days: 4 Rate/day: \$269 Grant Request: \$1,078
- Three Seasonal GS 3-5 Days: 10 each Rate/day: \$135 Grant Request: \$4,050

17. Specialist: Soil Monitoring

Notes: To be able to monitor impacts to soil resources and to be able to document in a report results of the monitoring to be in compliance with OHMVR monitoring requirements (Soil Monitoring Report). Soil Tech will supervise and work with crew in the field to collect data. This funding request includes:

- Forest Soil Scientist Days: 18 Rate/day: \$302 Grant Request: \$5,545
- Soil Tech GS-4 Days: 45 Rate/day: \$135 Grant Request: \$6,075

18. BL: Heavy Equipment Operator Days: 71 Rate/day: \$269 Grant Request: \$19,032

Notes: Heavy Equipment Operators are required to operate equipment including backhoe, grader, loader, dump truck Sweco trail tractor, and brush mower tractor. This equipment is required to perform annual maintenance on roads and trails open for green/red stickered OHV use. Work includes; brushing, drainage and tread repair and erosion control.

19. BL: Maintenance Worker Days: 101 Rate/day: \$220 Grant Request: \$22,303

Notes: Maintenance worker to perform labor work associated with the support of the Sweco tractor operator including but not exclusive of hand brushing and drainage cleaning using hand tools.

20. ENG: Road Crew Supervisor Days: 27 Rate/day: \$372 Grant Request: \$10,044

Notes: This position works in the field with the heavy equipment operator and workers to accomplish annual maintenance on roads and trails. The position identifies and locates on the ground drainage structure locations, specific work tasks and insures all work meets Forest Service standards

21. ENG: Heavy Equipment Operator Days: 80 Rate/day: \$250 Grant Request: \$20,000

Notes: Two operators at 40 days each. Heavy Equipment Operators are required to operate equipment including backhoe, grader, loader, dump truck Sweco trail tractor, and brushmower tractor. This equipment is required to perform annual maintenance on roads and trails open for green/red stickered OHV use. Work includes; brushing, drainage and tread repair and erosion control.

22. ENG: Maintenance Worker Days: 180 Rate/day: \$212 Grant Request: \$38,160

Notes: This position supports the Heavy Equipment Operator when performing annual maintenance on roads and trails open for green/red stickered OHV use. Work includes equipment maintenance tasks, assistance in equipment transport, brushing, drainage and tread repair and erosion control. The maintenance worker performs labor tasks associated with the project such as hand brushing with chainsaw and cleaning culverts and drainage structures with hand tools. Four operators 50 days each

Total for Staff: **Grant Request: \$582,814** **Proposed Match: \$214,523**

Contracts

1. Forest Toilet Pumping **Grant Request: \$8,500**

Notes: Vault toilet pumping services for OHV related campgrounds, OHV staging areas, and OHV trailheads on the Sierra National Forest. There are approximately 25 vault toilets and 2 porta toilets located in OHV opportunity areas on the Forest.

Total for Contracts **Grant Request: \$8,500**

Materials/Supplies

1. BL: Signs on Trails **Grant Request: \$2,500**

Notes: Purchase and install trail markers and directional signs for trails after mitigation and to replace any existing damaged signs.

2. BL: Boulder/Wood Trail Delineators **Grant Request: \$4,000**

Notes: Purchase of large rocks for placement along sensitive areas i.e. meadows, arch sites to keep riders on designated trails and protect cultural and natural resources.

3. BL: Volunteer Supplies **Grant Request: \$600**

Notes: Misc equipment and supplies for volunteers; saw chain, files, personal safety equipment

4. BL: Janitorial Supplies **Grant Request: \$500**

Notes: to operate and maintain those facilities utilized by OHV visitors

5. BL: Lumber **Grant Request: \$2,000**

6. BL: Trail Head Signs/Information Boards **Grant Request: \$4,000**

Notes: Signs for trailhead to show "Tread Lightly" principles, fire safety, OHV camping rules, OHV related rules and guidelines along with forest visitor OHV information.

7. BL: Safety Supplies/Tools **Grant Request: \$2,000**

Notes: Replenish Personal Safety supplies, helmets, goggles, small portable air compressors, tie straps. Upgrade hand tools, gear boxes, fuel containers, first aid kits and other incidentals

8. BL: Chainsaw Maintenance/Supplies **Grant Request: \$900**

Notes: Chainsaw bars, saw chain, chaps, files, fuel containers, tune up

9. BL: UTV/ATV Supplies **Grant Request: \$3,000**

Notes: Cargo racks, brush guards, arm/undercarriage guards, rear view mirror, loading ramps.

10. BL: Hand/Power Tools **Grant Request: \$1,000**

Notes: Replace and repair, hand tools, augers, power drills, drill bits.

11. BL: CUA/MVUM Use Area Signs **Grant Request: \$2,000**

Notes: Information signs at staging areas and use areas to notify of regulations and where it is legal to ride

12. BL: Erosion Control Materials **Grant Request: \$1,000**

Notes: Purchase of material such as erosion cloth, waddles, jute mesh cloth, straw and fasteners for stabilization of banks/sloped after soil disturbance.

13. HS: Signs on Trail **Grant Request: \$1,000**

Notes: Signs regarding trail direction and difficulty along with rules and regulations

14. HS: Signs at Trailheads **Grant Request: \$4,000**

Notes: Signs for trailhead to educate Public on "Tread Lightly" principles, fire safety, camping rules, OHV related rules and guidelines along with forest visitor information.

15. HS: Barriers/Barricades

Grant Request: \$2,000

Notes: Raw steel/lumber to build/repair gates and signs at trailheads. Heavy winter snow causes major damage to signs and gates. The use of these materials will reinforce the integrity of the signs and gates.

16. HS: Janitorial Supplies

Grant Request: \$3,000

Notes: Supplies for the pit toilets on OHV routes. Paint, toilet paper and cleaning supplies for pit toilets.

17. HS: Employee/Volunteer Protective Supplies

Grant Request: \$2,000

Notes: Funding would be utilized to purchase personal protective equipment/safety supplies for OSV program employees and volunteers such as ear protection, eye protection, gloves, chainsaw chaps and hardhats.

18. HS: OSV Chainsaw Maintenance Supplies

Grant Request: \$500

Notes: Funding requested for the purchase of replacement saw chains, saw bars, and oil for OHV and OSV trail maintenance tools.

19. HS: OSV Trailhead Signs and Supplies

Grant Request: \$1,500

Notes: Funding requested for OSV trailhead signage relevant to the Sierra National Forest's recently adopted. Over Snow Vehicle Rule governing winter OHV/OSV use. New signage would be installed at strategic locations such as OSV trailheads and access points to aid in the management of the groomed OSV trail system by preventing resource damages to groomed snow surfaces and sensitive environments.

20. HS: Motorcycle Safety Apparel

Grant Request: \$500

Notes: Purchase and replacement of Helmets, goggles, chest protector, riding boots, elbow and knee guards and other general motorcycle safety gear.

21. HS: OHV/OSV Tools for Equipment Repair

Grant Request: \$1,500

Notes: Purchase and replacement of tools such as wrenches, sockets, jack stands, grease guns, impact air tools and portable tool box's for field repairs.

22. HS: Hand Tool Replacement

Grant Request: \$250

Notes: For purchase of miscellaneous hand tools for trail maintenance tasks.

23. Motor Vehicle Use Maps

Grant Request: \$3,000

Notes: Motor vehicle maps printed for the free distribution to the public. The maps contain all motorized roads and trails designated with the Forest Service system on the Sierra NF.

24. Signs on ML 2 and Mixed Use Roads

Grant Request: \$30,000

Notes: To be used towards replacement of existing signs to update signs on Maintenance Level 2 roads and Mixed Use Roads

Total for Materials/Supplies

Grant Request: \$72,750

Equipment Use Expenses

1. HS: Chainsaw Maintenance

Grant Request: \$500

Notes: Maintenance of OHV program chainsaws including: new chain, bars, air/fuel filters, oil and saw mix.

2. HS: Other Vehicle Support

Grant Request: \$2,000

Notes: Support for non-fleet vehicles that help with project completion. This line item will help with repairs and maintenance for trail bike, ATV's, side by side and project jeep.

3. HS: UTV Trailer Maintenance

Grant Request: \$1,000

Notes: Funding request for tires and minor repairs such as electrical wiring and trailer brakes, etc.

4. HS: Vehicle Upgrades (Non fleet)

Grant Request: \$5,000

Notes: This line item will help make OHV trail vehicles safer and more capable to navigate the more to most difficult OHV trails.

5. HS: OSV Vehicle Support (Non Fleet)

Grant Request: \$3,000

Notes: Support for non-fleet vehicles that assist with project completion. This line item will help with repairs and maintenance to the OSV snowmobile fleet. Maintenance items would include oil, belts, tracks, spark plugs etc.

6. BL: Vehicle Support

Grant Request: \$5,000

Notes: Vehicles are used to patrol to review facilities and trails to ensure the features are in good shape and serving the public

7. BL: Gas Powered Equip Maintenance/Repair

Grant Request: \$1,000

Notes: Maintenance and repair of gas powered equipment such as chainsaws, power augers, weed eaters, and power drills.

8. BL: Vehicle Support (Non fleet)

Grant Request: \$5,000

Notes: Support for the repair and maintenance of Non-fleet vehicles (UTV/ATV) used in OHV program projects and OHV trail maintenance.

9. BL: ATV/UTV Trailer Maintenance

Grant Request: \$1,000

Notes: Funding request for tires and minor repairs such as electrical wiring and trailer brakes, etc.

10. Volunteer Vehicle Support

Grant Request: \$5,500

Notes: These funds are requested to reimburse volunteer groups be reimbursed for mileage used while travelling to Forest trails for maintenance work.

11. Soil Survey Data Plans and Equipment Maintenance

Grant Request: \$2,000

Notes: Maintenance and replacement of parts such as batteries, boosters, cameras, solar panels, antennas, and gauges.

Total Equipment Use: Grant Request: \$27,000 Proposed Match: \$110,000

Equipment Purchases

1. BL Tractor with Backhoe

Grant Request: \$35,000

Notes: To be used for opening and maintaining ML 2 and Mixed-Use roads that access trails. This will supplement SWECO use when moisture conditions restrict SWECO use. The backhoe will also be used to clean out drainage functions (culverts).

2. BL Stand-behind Skid Steer

Grant Request: \$25,000

Notes: For use on trails where SWECO is cumbersome and crew can operate it without special licensing. Equipped with bucket for loading gravel and log grapppler for removing downed trees on trails, the stand-behind will enable us to do a wide variety of work on the trails.

3. HS Single-seat UTV

Grant Request: \$12,000

Notes: UTVs can access the same trails that ATVs can, but the UTVs are safer because the operators are fully enclosed in a roll cage and belted in. Learning curve for operators of UTVs is shorter and UTVs can carry more equipment and perform more tasks with less support vehicles than ATVs. UTVs can be enclosed to extend season of use.

Total for Equipment Purchase:

Grant Request: \$72,000

Total Direct Expenses: \$763,064

Forest Service Direct Match: \$324,523