

Ground Operations

FOR OFFICE USE ONLY:

Version # _____

APP # _____

1. Project Description

A. Statement of GO Activity

This grant application requests funding to enable Tahoe National Forest (TNF) to meet annual baseline OHV operation, maintenance and monitoring needs from 12/1/2013 to 11/30/2014. This application will provide funding for Forest Service's management & supervision of the OHV and OSV programs on all four Ranger Districts on the TNF. This application includes funding requests for contracts, equipment, salaries, services and supplies. It also includes resource monitoring on a portion of the Forest's overall OHV system.

The Forest Service has developed strict standards to protect critical resources. Resource specialists are involved in the OHV management program on the Forest. This application includes funding for monitoring resource impacts on:

- Soil and water quality, including tread & stream crossing conditions,
- Wildlife for numerous species of mammals, fish, birds, reptiles, amphibians, and invertebrates including Threatened, Endangered and sensitive species,
- Plant communities including non-native invasive species; Threatened, Endangered and sensitive species; watch list plants and rare plant communities (e.g. fens, peatlands, serpentine soils and older forest.)
- Cultural resource sites
- Areas used for dispersed recreation

This monitoring provides alerts of any condition that may need resource protection. The grant (in conjunction with the Law Enforcement and Restoration grants) will provide funding to assure appropriate resource protection actions will be taken. Monitoring occurs during all seasons.

The following activities will occur on or adjacent to the OHV routes (as needed):

- Repair of stream crossings through placement and/or repair of paver blocks and stream crossing structures,
- Erosion and sediment control,
- Removal of brush, loose rocks and down logs from the trail corridor,
- Repair and replacement of OHV barriers to keep motorized users on the designated routes and OHV facilities.
- Tread maintenance to provide for safety, resource protection, ease of passage and sustainability of tread. This includes reshaping tread (especially rolling dips), and removing ruts and berms by pulling soil back into the trail tread.
- Purchase, installation and replacement of signs.

Maintenance activities will be conducted when impacts to resources, including soil and water quality, are minimized.

With the continued assistance of OHV cooperative agreement funding (and the matching funds) the Tahoe NF will maintain approximately the following OHV opportunities with this funding project: 123 miles of motorcycle trails; 18 miles of ATV/MC trails; 54 miles of 4WD/ATV/MC trails; 27 acres of open OHV riding, approximately 240 acres of open area for licensed vehicles around Stampede, Boca and Prosser reservoirs, and 81 miles of low standard gravel or dirt roads.

This application includes funding for management of 14 staging areas. This management includes

- Cleaning (1-2 times/week);
- Hazard tree removal;
- Toilet pumping;
- Facility maintenance and repair;
- Trash and litter removal;
- Posting and maintenance of bulletin boards, signs and other visitor education and information services;
- Water system testing and maintenance.

This funding request includes purchase of two ATVs to be used predominately in support of the American River Ranger District OHV program. It also includes funding for purchase of minor equipment and supplies (e.g. shovels, beacons) to support the Forest's OSV program (which is primarily funded under a separate contract). Finally, this application includes funding for purchase of parts and repair of equipment used in the management and maintenance of the OHV trails and facilities. Likewise, much of the TNF's volunteer labor is not documented as a match. For instance, annually neighboring landowners acting as volunteers provide an estimated \$4000 in snowplowing and grooming. The matching funds identified in this application *do not* include snow removal or snow grooming that is accomplished by volunteers under the State OSV agreement for winter operations.

Federal policy requires that, whenever possible, supplies purchased conform to "green technology." This includes purchase of recycled content products (such as paper for OHV maps), biobased products (such as straw waddles for erosion control, and cleaning products), environmentally preferred products (which are alternatives to products containing hazardous and toxic chemicals) and non-ozone depleting substances (such as fire extinguishers.)

B. Relation of Proposed Project to OHV Recreation

OHV Recreation is recognized as a legitimate use of National Forest lands. The Tahoe National Forest Land and Resource Management Plan (LRMP) allocated land for various types of recreational uses including OHV use. Vehicle travel on the majority of the Tahoe NF is limited to designated trails roads and open areas during the spring, summer and fall. The majority of the snow zone is open to cross country OSV travel.

Ultimately, OHV recreation will be sustained through resource protection of the land on which motorized recreation occurs. Grant funds will be used to ensure the sustained use and availability of the TNF's extensive and varied OHV routes through maintenance of the OHV trails and closures. Keeping routes in good condition will minimize erosion and other resource impact. The OHV user's experience will also be enhanced through the signing and maintenance of the OHV trails, low standard roads and OHV support facilities (i.e. OHV - restrooms, parking areas, staging areas, and campgrounds).

Most of the OHV routes on the TNF are currently in good condition. During 2012, approximately 180 miles of OHV routes on the Tahoe National Forest were monitored using U.S. Forest Service revised OHV trail monitoring form (Green-Yellow-Red monitoring protocol). Trail sections were assessed for water and sediment control, tread condition, watercourse crossings, and off-site impacts due to water and wind carried sediments.

Of the 180 miles monitored, 84 percent of the routes were in a green condition class; 16 percent of the trails were in a yellow condition class, and less than one percent was in a red condition class. Maintenance schedules are established based on the results of the annual monitoring and other factors.

2012 OHV Route Monitoring Results

Trail	Green		Yellow		Red		Total miles	Percent
	Miles	Percent	Miles	Percent	Miles	Percent		
Design width								
Motorcycle	93.2	87%	14.4	13%	0.02	0.1%	107.8	60%
ATV	18.9	82%	3.9	17%	0.01	0.4%	22.9	13%
4WD	38.7	79%	10.2	21%	0.01	0.5%	49.0	27%
Total Miles	150.8	84%	28.5	16%	0.40	0.3%	179.7	

Trail closures are enforced through the implementation of Forest Orders. Free maps will be available at the front desks indicating which roads and trails are open to motorized travel.

C. Describe the size of the specific Project Area(s) in acres and/or miles

The Tahoe National Forest encompasses an area of over 1,178,000 acres, with approximately 838,777 acres being National Forest System (NFS) lands. (The remaining acres are owned by a variety of private land owners, land trusts, state parks and other federal agencies.)

The vast majority of the NFS land is open to land-based motorized travel on designated routes only. More than 83% of total TNF acreage is within ½ mile from a public motorized route. Seasonal closures are in place to provide for resource protection. Twenty seven acres at Prosser Pits are open to OHV travel. The main activity at Prosser Pits is motocross-style motorcycle riding. An additional 244 acres, located below the high water mark at the Boca, Stampede and Prosser Reservoirs, are open to highway legal vehicles only. Certain lands are closed to land-based motorized travel, including (but not limited to) areas such as the Granite Chief Wilderness, North Fork of the American Wild and Scenic River Corridor and surrounding lands, Onion Creek Experimental Forest, Research Natural Areas, Special Interest Areas (such as Placer County Big Trees--the northern-most grove of Sierra Redwoods), and the Grouse Lakes Motor Vehicle Control. During the winter, over 430,000 acres within the snow zone are open to unrestricted snowmobile use. Winter use starts with the first dependable 12 inches of snow cover. This season typically begins between late November and January and ends between mid-March and May. (A typical good year would include 12 to 15 weeks starting around Christmas.)

The TNF manages the following OHV opportunities:

- 175 miles of 4X4 routes
- 40 miles of ATV Routes
- 206 miles of motorcycle routes
- 1508 miles of low standard roads open to non-street legal OHVs
- 240 miles of groomed snowmobile trails (located on top of existing roads. The grooming of these routes is funded under a separate contract.)
- Over 800 miles of ungroomed roads, which are open to OSV travel. (All snowmobile trails are open to both non-motorized and motorized travel.)
- 14 OHV staging areas
- 2 Sno-Parks which provide additional staging for OSV users

D. Location and description of OHV opportunities

The Tahoe National Forest is located in the Sierra Nevada mountain range between Sacramento, CA and Reno, NV. It is within a one-hour drive of two million people and within a 3 hour drive of the San Francisco Bay Area. The Tahoe is one of the few National Forests that provides both OHV and OSV managed programs on all Ranger Districts. The TNF maintains visitor information services at the following locations: Foresthill (American River Ranger District), Camptonville (Yuba River Ranger District), Truckee (Truckee Ranger District), Sierraville (Sierraville Ranger District) and Nevada City (Supervisor's Office). For the purposes of this grant, the Sierraville and Truckee Districts are combined and collectively referred to as the East Zone. This project is administrated out of the Forest Supervisor's Office.

The Tahoe NF provides opportunities for recreationists to engage in and enjoy OHV experiences of all ranges of skill levels in a manner that protects the natural beauty and resources of the Forest. OHV opportunities on the TNF range from trails suitable for beginner ATV and motorcycle riders on several "Easy" trails in the Sugar Pine OHV Trail System (American River RD), to some of the region's most challenging 4WD terrain found on the Fordyce Jeep Trail (Yuba River RD) and challenging remote motorcycle trails north of Downieville and Sierra City (Yuba River RD).

Each of the staging areas on the TNF provides access to a concentration of OHV trails and opportunities. Staging areas are located at: China Wall, Parker Flat, Bear Valley, Bassetts, Old Gold Lake Highway, Sugar Pine, Meadow Lake, Prosser Hills, Indian Springs, Onion Valley, Chalk Bluff, Pierce, Yuba Pass and Little Truckee Summit. Sno-parks are located at Yuba Pass, Donner Summit, and Yuba Gap. Typically the OHV staging areas have paved parking lots, toilets bulletin boards, loading ramps, picnic tables and fire pits. Some trailheads also have map dispensers, dumpster pads, trash disposal containers, and snow groomer sheds. Some staging areas serve both OHV and OSV users. (Additional pumping of the toilets at these staging areas is accomplished under separate (OSV) agreement with the State.)

2. Rerouting Requirements

Rerouting

- (a) Does your project involve rerouting of any roads and trails? Yes No

If response to question (a) is 'Yes', a Project timeline, conceptual drawings and site plans are required (See 'Attachments' tab at the top of the screen)

If response to question (a) is 'No', skip details related to rerouting

Project Cost Estimate

FOR OFFICE USE ONLY:		Version # _____	APP # _____
APPLICANT NAME :	USFS - Tahoe National Forest		
PROJECT TITLE :	Ground Operations	PROJECT NUMBER (Division use only) :	G12-02-20-G01
PROJECT TYPE :	<input type="checkbox"/> Acquisition <input type="checkbox"/> Development <input type="checkbox"/> Education & Safety <input checked="" type="checkbox"/> Ground Operations <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Planning <input type="checkbox"/> Restoration		
PROJECT DESCRIPTION :	<p>This grant application requests funding to enable Tahoe National Forest (TNF) to meet annual baseline OHV operation, maintenance and monitoring needs from 12/1/2013 to 11/30/2014. This application will provide funding for Forest Service's management & supervision of the OHV and OSV programs on all four Ranger Districts on the TNF. This application includes funding requests for contracts, equipment, salaries, services and supplies. It also includes resource monitoring on a portion of the Forest's overall OHV system.</p> <p>The Forest Service has developed strict standards to protect critical resources. Resource specialists are involved in the OHV management program on the Forest. This application includes funding for monitoring resource impacts on:</p> <ul style="list-style-type: none"> • Soil and water quality, including tread & stream crossing conditions, • Wildlife for numerous species of mammals, fish, birds, reptiles, amphibians, and invertebrates including Threatened, Endangered and sensitive species, • Plant communities including non-native invasive species; Threatened, Endangered and sensitive species; watch list plants and rare plant communities (e.g. fens, peatlands, serpentine soils and older forest.) • Cultural resource sites • Areas used for dispersed recreation <p>This monitoring provides alerts of any condition that may need resource protection. The grant (in conjunction with the Law Enforcement and Restoration grants) will provide funding to assure appropriate resource protection actions will be taken. Monitoring occurs during all seasons.</p> <p>The following activities will occur on or adjacent to the OHV routes (as needed):</p> <ul style="list-style-type: none"> • Repair of stream crossings through placement and/or repair of paver blocks and stream crossing structures, • Erosion and sediment control, • Removal of brush, loose rocks and down logs from the trail corridor, • Repair and replacement of OHV barriers to keep motorized users on the designated routes and OHV facilities. • Tread maintenance to provide for safety, resource protection, ease of passage and sustainability of tread. This includes reshaping tread (especially rolling dips), and removing ruts and berms by pulling soil back into the trail tread. 		

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	<ul style="list-style-type: none"> • Purchase, installation and replacement of signs. <p>Maintenance activities will be conducted when impacts to resources, including soil and water quality, are minimized.</p> <p>With the continued assistance of OHV cooperative agreement funding (and the matching funds) the Tahoe NF will maintain approximately the following OHV opportunities with this funding project: 123 miles of motorcycle trails; 18 miles of ATV/MC trails; 54 miles of 4WD/ATV/MC trails; 27 acres of open OHV riding, approximately 240 acres of open area for licensed vehicles around Stampede, Boca and Prosser reservoirs, and 81 miles of low standard gravel or dirt roads.</p> <p>This application includes funding for management of 14 staging areas. This management includes</p> <ul style="list-style-type: none"> • Cleaning (1-2 times/week); • Hazard tree removal; • Toilet pumping; • Facility maintenance and repair; • Trash and litter removal; • Posting and maintenance of bulletin boards, signs and other visitor education and information services; • Water system testing and maintenance. <p>This funding request includes purchase of two ATVs to be used predominately in support of the American River Ranger District OHV program. It also includes funding for purchase of minor equipment and supplies (e.g. shovels, beacons) to support the Forest's OSV program (which is primarily funded under a separate contract). Finally, this application includes funding for purchase of parts and repair of equipment used in the management and maintenance of the OHV trails and facilities. Likewise, much of the TNF's volunteer labor is not documented as a match. For instance, annually neighboring landowners acting as volunteers provide an estimated \$4000 in snowplowing and grooming. The matching funds identified in this application <i>do not</i> include snow removal or snow grooming that is accomplished by volunteers under the State OSV agreement for winter operations.</p> <p>Federal policy requires that, whenever possible, supplies purchased conform to "green technology." This includes purchase of recycled content products (such as paper for OHV maps), biobased products (such as straw waddles for erosion control, and cleaning products), environmentally preferred products (which are alternatives to products containing hazardous and toxic chemicals) and non-ozone depleting substances (such as fire extinguishers.)</p>
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	Line Item	Qty	Rate	UOM	Grant Req.	Match	Total
DIRECT EXPENSES							
Program Expenses							
	1 Staff						

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Line Item	Qty	Rate	UOM	Grant Req.	Match	Total
Other-EZ OHV Specialist/FPO (SJ)	90.000	243.000	DAY	21,870.00	0.00	21,870.00
Other-EZ OHV Program Manager/FPO (JW) Notes : OHV work completed by this position is a direct cost. The position is responsible for year-round field operations of OHV/OSV program on the east side of Tahoe NF. During summer months, this position serves as first-line supervisor for 1-2 seasonal/permanent employees. There are no winter seasonal employees and this person is responsible for day-to-day management of the OSV program.	125.000	300.000	DAY	37,500.00	0.00	37,500.00
Other-EZ OHV Tech/FPO (JC)	80.000	124.000	DAY	9,920.00	0.00	9,920.00
Other-EZ Recreation Officer (JG)	15.000	340.000	DAY	5,100.00	0.00	5,100.00
Other-EZ Soil Scientist (RW)	2.000	410.000	DAY	820.00	0.00	820.00
Other-EZ Wildlife Biologist (KB)	8.000	374.000	DAY	2,992.00	0.00	2,992.00
Other-EZ Botanist (SU)	3.000	335.000	DAY	1,005.00	0.00	1,005.00
Other-EZ Archeologist (CS)	2.000	404.000	DAY	808.00	0.00	808.00
Other-EZ Fisheries Biologist (DU)	4.000	379.000	DAY	1,516.00	0.00	1,516.00
Other-YR District Trails Manager Notes : OHV work completed by this position is a direct cost. The position is responsible for implementing year-round field operations of the OHV/OSV program on Yuba River RD. During summer months, this position serves as first-line supervisor for 3-4 seasonal/permanent employees as well as participating in the O&M activities funded by the grant. There are no winter seasonal employees and this person is responsible for day-to-day management of the district OSV program.	65.000	350.000	DAY	20,000.00	2,750.00	22,750.00
Other-YR Temps (Tr=90, Fac=50)	140.000	140.000	DAY	19,600.00	0.00	19,600.00
Other-YR Asst Public Service Officer Notes : The OHV work completed by this person is a direct cost. The position is responsible for assisting the District Trails manager	15.000	280.840	DAY	2,809.00	1,404.00	4,213.00

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Line Item	Qty	Rate	UOM	Grant Req.	Match	Total
for implementation of the year-round OHV/OSV program on Yuba River RD. Work responsibilities include all aspects of operation and maintenance activities associated with ground operations.						
Other-YR Archaeologist (BS)	12.000	327.000	DAY	3,270.00	654.00	3,924.00
Other-YR Wildlife Biologist (MT)	8.000	385.000	DAY	1,925.00	1,155.00	3,080.00
Other-AR Trails Specialist (ML)	40.000	201.000	DAY	8,040.00	0.00	8,040.00
Other-AR Recreation Specialist (KE)	50.000	237.000	DAY	11,850.00	0.00	11,850.00
Other-AR Recreation Technician (MS)	10.000	268.000	DAY	2,680.00	0.00	2,680.00
Other-AR Recreation Staff Officer (MT) Notes : "Staff-AR Recreation Staff Officer-This is an indirect cost" OHV work completed by this position is a direct cost. The position is responsible for implementing year-round field operations of the OHV/OSV program on the ARRD. This position serves as first-line supervisor for 3-4 seasonal/permanent employees as well as participating in the O&M activities funded by the grant. This position is responsible for day-to-day management of the district OSV program and is first line supervisor for two- permanent and one seasonal employees who participate in the OHV and OSV program	40.000	333.000	DAY	3,420.00	9,900.00	13,320.00
Other-AR Recreation Technician (EL)	120.000	157.000	DAY	4,710.00	14,130.00	18,840.00
Other-AR Temps (x2)	200.000	138.000	DAY	27,600.00	0.00	27,600.00
Other-AR Archeologist (NS)	5.000	315.000	DAY	1,575.00	0.00	1,575.00
Other-AR Equipment Operator (TA)	20.000	269.000	DAY	5,380.00	0.00	5,380.00
Other-YR Trails Specialist	100.000	260.000	DAY	26,000.00	0.00	26,000.00
Other-YR Botanist (KV)	7.000	425.000	DAY	2,125.00	850.00	2,975.00
Other-YR Botany Crew (2)	16.000	400.000	DAY	6,400.00	0.00	6,400.00

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Line Item	Qty	Rate	UOM	Grant Req.	Match	Total
Other-YR Wildlife Crew (BG)	30.000	237.000	DAY	7,110.00	0.00	7,110.00
Other-TNF Road Crew for EZ (PS)	17.000	405.000	DAY	6,885.00	0.00	6,885.00
Other-TNF Road Crew for EZ (TA)	17.000	271.000	DAY	4,607.00	0.00	4,607.00
Other-AR Wildlife Biologist (VL)	8.000	343.000	DAY	2,744.00	0.00	2,744.00
Other-EZ GIS Support (SH)	3.000	310.000	DAY	930.00	0.00	930.00
Other-YR Wildlife Crew (TB)	13.000	291.000	DAY	3,783.00	0.00	3,783.00
Other-TNF Wildlife Biologist	6.000	398.000	DAY	2,388.00	0.00	2,388.00
Other-AR_Fish Biologist (DT)	4.000	282.000	DAY	1,128.00	0.00	1,128.00
Other-TNF Soil Scientist (CP)	3.000	406.000	DAY	1,218.00	0.00	1,218.00
Other-TNF-Sign Crew (TO + GS3)	30.000	305.000	DAY	9,150.00	0.00	9,150.00
Other-AR Trails Specialist (MB)	100.000	258.000	DAY	25,800.00	0.00	25,800.00
Other-AR Voluteer Match	46.000	174.000	DAY	0.00	8,004.00	8,004.00
Total for Staff				294,658.00	38,847.00	333,505.00
2 Contracts						
Other-EZ Toilet Vault Pumping (OHV & OSV	10.000	350.000	EA	3,500.00	0.00	3,500.00
Other-EZ Toilet pumping (PG&E, Mdw Lake) Notes : This Forest Service owned toilet is pumped under a agreement with PG&E	4.000	350.000	EA	0.00	1,400.00	1,400.00
Other-YR Toilet Pumping	5.000	1200.000	EA	6,000.00	0.00	6,000.00
Other-YR Dozer (rolling dip mtnc)	5.000	1500.000	MI	7,500.00	0.00	7,500.00
Other-YR Barriers (rock)	500.000	10.000	FT	5,000.00	0.00	5,000.00
Other-YR Dozer, Transport w/operator	1.000	600.000	MISC	600.00	0.00	600.00
Other-AR Toilet Pumping	3.000	1000.000	EA	3,000.00	0.00	3,000.00
Other-AR Boulders Delivery	20.000	500.000	EA	10,000.00	0.00	10,000.00

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Line Item	Qty	Rate	UOM	Grant Req.	Match	Total
Other-TNF Soil/Water Monitoring	1.000	37000.000	EA	37,000.00	0.00	37,000.00
Other-AR Garbage Service	1.000	2500.000	EA	2,500.00	0.00	2,500.00
Other-EZ Boulder (including Delivery)	8.000	500.000	EA	4,000.00	0.00	4,000.00
Other-TNF Rd Mtn (contract, coop.)	53.000	2500.000	MI	0.00	132,500.00	132,500.00
Other-YR Garbage Bin 85Rd & Indian Sprin	6.000	500.000	MOS	3,000.00	0.00	3,000.00
Other-ML2 Rd Mtn Road Crew	28.000	2000.000	MI	56,000.00	0.00	56,000.00
Other-EZ-Pit Prosser equipment mainten Notes : Prosser Pits is an OHV motocross style riding area. The \$2000 contract is for a loader and operator costs of \$100 per hour for twenty hours. We use a local contractor experienced in motocross track maintenance. OHV funds ensure that the riding area is maintained at least once per year.	2.000	1000.000	DAY	2,000.00	0.00	2,000.00
Total for Contracts				140,100.00	133,900.00	274,000.00
3 Materials / Supplies						
Other-EZ Cleaning Supplies (winter & sum	1.000	750.000	MISC	750.00	0.00	750.00
Other-EZ Winter & summer signs Notes : Sign Material, hardware, paint, etc.	1.000	2000.000	MISC	2,000.00	0.00	2,000.00
Other-EZ Carsonite sign posts	100.000	25.000	EA	2,500.00	0.00	2,500.00
Other-EZ Barrier & fence material	1.000	500.000	MISC	500.00	0.00	500.00
Other-EZ Safety Equipment (winter & summ	1.000	500.000	MISC	500.00	0.00	500.00
Other-EZ OHV Signs Notes : regulatory and information posting	25.000	100.000	EA	2,500.00	0.00	2,500.00
Other-YR Signs (Mixed Use)	10.000	100.000	EA	1,000.00	0.00	1,000.00
Other-YR Signs (Other OHV)	20.000	50.000	EA	1,000.00	0.00	1,000.00
Other-YR Toilet Paper, Cleaning Supplies	1.000	750.000	MISC	750.00	0.00	750.00
Other-AR Facilities Support (paper, bags	25.000	75.000	PKG	1,875.00	0.00	1,875.00

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Line Item	Qty	Rate	UOM	Grant Req.	Match	Total
Other-AR Trail Signs	80.000	50.000	EA	4,000.00	0.00	4,000.00
Other-AR Hand Tools	20.000	40.000	EA	800.00	0.00	800.00
Other-AR ML2 Road Signs	80.000	50.000	EA	4,000.00	0.00	4,000.00
Other-EZ-Misc Supplies Notes : Ground operations miscellaneous materials and supplies include but are not limited to: safety gloves; ear & eye protection; head and body protection (ex. chainsaw chaps); sign hardware and maintenance supplies; unplanned expenses (ex. replacement of stolen/vandalized signs); paints and stains; chainsaw gas & mix; chainsaw parts; toilet cleaning supplies and TP; trail maintenance hand tools (ex. brush clippers pole saws); etc...	1.000	1000.000	EA	1,000.00	0.00	1,000.00
Other-YR Hand Tools	10.000	75.000	EA	750.00	0.00	750.00
Other-YR Chainsaw maintenace/ supplies	1.000	400.000	SET	400.00	0.00	400.00
Other-YR Plexiglass for signs	5.000	200.000	EA	1,000.00	0.00	1,000.00
Other-YR Fordyce Sanitation	500.000	3.500	EA	1,750.00	0.00	1,750.00
Other-EZ-Tread Lightly Materials	1.000	400.000	MISC	400.00	0.00	400.00
Other-AR-tread lightly material	1.000	500.000	MISC	500.00	0.00	500.00
Other-AR-Saw Equipment (chains, draw cor	3.000	150.000	EA	450.00	0.00	450.00
Other-AR-Misc Safety Gear Notes : gloves, hardhats, chaps etc.	8.000	100.000	MISC	800.00	0.00	800.00
Other-AR- Erosion Control straw waddles	10.000	20.000	EA	200.00	0.00	200.00
Other-AR- Fuel Sweeco, Excavator, Saws	1.000	800.000	YR	800.00	0.00	800.00
Other-AR- Barrier Lumber	3.000	500.000	SET	1,500.00	0.00	1,500.00
Other-EZ- Culverts (BV Loop)	3.000	300.000	EA	900.00	0.00	900.00
Total for Materials / Supplies				32,625.00	0.00	32,625.00
4 Equipment Use Expenses						

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Other-EZ Snowmobile/ Motorcycle Mainten	5.000	300.000	EA	1,500.00	0.00	1,500.00
Other-YR Vehicle Mileage	12000.00 0	0.450	MI	5,400.00	0.00	5,400.00
Other-YR Motorcycle maintenance	5.000	500.000	EA	2,500.00	0.00	2,500.00
Other-YR Snowmobile maintenance & repair	2.000	500.000	EA	1,000.00	0.00	1,000.00
Other-YR Vehicle FOR	4.000	268.000	MOS	0.00	1,072.00	1,072.00
Other-AR Vehicle FOR (4056)	4.000	264.000	MOS	0.00	1,056.00	1,056.00
Other-AR Vehicle FOR (2329)	4.000	247.000	MOS	0.00	988.00	988.00
Other-AR Vehicle FOR (2616)	3.000	205.000	MOS	0.00	615.00	615.00
Other-AR Tractor Maintenance	1.000	2500.000	EA	2,500.00	0.00	2,500.00
Other-AR ATV & MC & OSV annual tune up	6.000	500.000	EA	3,000.00	0.00	3,000.00
Other-AR FS SWECO & Trailer Use	10.000	500.000	DAY	0.00	5,000.00	5,000.00
Other-AR Vehicle Mileage (4056)	6000.000	0.690	MI	4,140.00	0.00	4,140.00
Other-AR Vehicle Mileage (2329)	6000.000	0.680	MI	4,080.00	0.00	4,080.00
Other-AR Vehicle Mileage (2616/1142)	6000.000	0.450	MI	2,700.00	0.00	2,700.00
Other-TNF Jeep Repair	1.000	4000.000	YR	4,000.00	0.00	4,000.00
Other-AR-FS Backhoe,Truck & Trailer	10.000	550.000	DAY	0.00	5,500.00	5,500.00
Other-TNF Jeep gas and maintenance	5000.000	1.000	MISC	5,000.00	0.00	5,000.00
Other-EZ-Vehicle Mileage (3x)	6000.000	0.550	MI	3,300.00	0.00	3,300.00
Total for Equipment Use Expenses				39,120.00	14,231.00	53,351.00
5 Equipment Purchases						
Other-AR- ATVs Notes : This funding request will provide for equipment purchase of two ATV's for American River Ranger District. These ATV's will be used in multiple aspects of our trails program such as trail	2.000	6000.000	EA	12,000.00	0.00	12,000.00

Project Cost Estimate for Grants and Cooperative Agreements Program - 2012/2013
 Agency: USFS - Tahoe National Forest
 Application: Ground Operations

3/7/2013

	Line Item	Qty	Rate	UOM	Grant Req.	Match	Total
	maintenance equipment transport, patrolling, and monitoring.						
6	Others						
	Other-EZ Water Testing Fee (BV Campgroun	12.000	25.000	EA	300.00	0.00	300.00
	Other-TNF Volunteer labor trail mtnc	900.000	21.790	HRS	0.00	19,611.00	19,611.00
	Other-TNF GIS support-soils program	3.000	700.000	MISC	2,100.00	0.00	2,100.00
Total for Others					2,400.00	19,611.00	22,011.00
Total Program Expenses					520,903.00	206,589.00	727,492.00
TOTAL DIRECT EXPENSES					520,903.00	206,589.00	727,492.00
INDIRECT EXPENSES							
Indirect Costs							
1	Indirect Costs						
	Indirect Costs-Indirect Costs (SO)	1.000	60000.000	EA	60,000.00	0.00	60,000.00
	Indirect Costs-AR Admin oversight (SH)	10.000	249.000	DAY	0.00	2,490.00	2,490.00
Total for Indirect Costs					60,000.00	2,490.00	62,490.00
Total Indirect Costs					60,000.00	2,490.00	62,490.00
TOTAL INDIRECT EXPENSES					60,000.00	2,490.00	62,490.00
TOTAL EXPENDITURES					580,903.00	209,079.00	789,982.00

Project Cost Summary for Grants and Cooperative Agreements Program - 2012/2013
 Agency: USFS - Tahoe National Forest
 Application: Ground Operations

3/7/2013

	Category	Grant Req.	Match	Total	Narrative
DIRECT EXPENSES					
Program Expenses					
1	Staff	294,658.00	38,847.00	333,505.00	
2	Contracts	140,100.00	133,900.00	274,000.00	<p>Boulders purchased, transported and placed along trails are to keep motorized users on the trail and are part of normal ground operation maintenance.</p> <p>The Forest will continue to implement the Soil Monitoring plan. The monitoring will be accomplished under a internal contract with a US Forest Service Enterprise Team. The lump sum amount is for Soil specialist salary and project associated costs.</p> <p>The toilet at Meadow Lake is owned by the Forest Service and is pumped under a agreement with PG&E. No OHV funds are expended at this site.</p>
3	Materials / Supplies	32,625.00	0.00	32,625.00	
4	Equipment Use Expenses	39,120.00	14,231.00	53,351.00	
5	Equipment Purchases	12,000.00	0.00	12,000.00	This funding request will provide for equipment purchase of two ATV's for American River Ranger District. These ATV's will be used in multiple aspects of our trails program such as trail maintenance equipment transport, patrolling, and monitoring.
6	Others	2,400.00	19,611.00	22,011.00	
Total Program Expenses		520,903.00	206,589.00	727,492.00	
TOTAL DIRECT EXPENSES		520,903.00	206,589.00	727,492.00	
INDIRECT EXPENSES					
Indirect Costs					
1	Indirect Costs	60,000.00	2,490.00	62,490.00	
Total Indirect Costs		60,000.00	2,490.00	62,490.00	

Project Cost Summary for Grants and Cooperative Agreements Program - 2012/2013
Agency: USFS - Tahoe National Forest
Application: Ground Operations

3/7/2013

	Category	Grant Req.	Match	Total	Narrative
	TOTAL INDIRECT EXPENSES	60,000.00	2,490.00	62,490.00	
	TOTAL EXPENDITURES	580,903.00	209,079.00	789,982.00	

Evaluation Criteria

FOR OFFICE USE ONLY: Version # _____ APP # _____

1. Project Cost Estimate - Q 1. (Auto populates from Cost Estimate)

1. As calculated on the Project Cost Estimate, the percentage of the Project costs covered by the Applicant is: 3

(Note: This field will auto-populate once the Cost Estimate and Evaluation Criteria are Validated.) (Please select one from list)

- 76% or more (10 points)
 51% - 75% (5 points)
 26% - 50% (3 points)
 25% (Match minimum) (No points)

2. Failure to Complete - Q 2.

2. Failure to complete the Project would result in: 8

(Check all that apply) - Scoring: Maximum of 8 points (Please select applicable values)

- Loss of OHV Opportunity (6 points)
 Negative impact to cultural sites (2 points)
 Damage to special-status species or other sensitive habitat (2 points)
 Potential trespass (2 points)
 Additional damage to Facilities (1 point)

Explain each statement that was checked:

Failure to secure project funding would result in the lack of maintenance and subsequent closure of some trails and facilities due to resource damage and public safety concerns. Tread maintenance is needed to assure sustainability of the trail and to protect resources. Without OHV funds to pump vault toilets, these would be closed because sufficient agency funds are not available to accomplish this work. Funding is needed to monitor and mitigate impacts to special status species and cultural resources. Experience has shown the best way to avoid impacts to cultural sites, special-status species, sensitive habitats, facilities, and avoid trespass, is to provide quality OHV opportunities and properly maintained roads, trails and facilities. While conducting monitoring and maintenance activities employees provide an agency presence which also serves to minimize trespass and negative impacts. Existing agency funds & volunteer labor could not adequately keep all of the trails open; resource damage would occur.

3. Sustain OHV Opportunity - Q 3.

3. The Project would sustain OHV Opportunity by: 13

(Check all that apply) (Please select applicable values)

- Maintaining trail or road tread (5 points)
 Installing or repairing erosion control features (3 points)
 Providing traffic control and/or educational signage (3 points)
 Maintaining multi use (ATV, Dirt Bikes, 4x4, etc) (1 point)
 Providing varied levels of riding difficulty (1 point)

Explain each statement that was checked:

Grant funding will be used for tractor and hand work to maintain tread (including maintaining rolling dips, culverts etc.); install, repair and maintain barriers; and maintain and install stream protection structures on roads and trails. The grant funding would also provide for the installation and repair of erosion and sediment control features (including drainage structures & straw wattles); replacement and installation of designated route signs and barriers; and replacement and installation of additional education/information signage. These monies will be utilized to provide a spectrum of OHV opportunities for a diverse group of OHV users including motorcycle and ATV riders, 4X4 and UTV drivers. Across the TNF, the Tahoe provides varied levels of difficulty for OHV riders/drivers of all types. (See project Description for additional details.)

4. Public Input - Q 4.

4. The Project was developed with public input prior to the preliminary Application filing deadline. 2
Public input employed the following:

(Check all that apply) - Scoring: Maximum of 2 points (Please select applicable values)

- Publicly noticed meeting(s) with the general public to discuss Project (1 point)
- Conference call(s) with interested parties (1 point)
- Meeting(s) with stakeholders (1 point)

Explain each statement that was checked and identify the dates of the meetings or calls:

The TNF held a well publicized openhouse meeting on 2/12/13 to obtain public input on priorities for OHV mgmt and application suggestions. The TNF frequently confers with stakeholders on the mgmt of TNF OHV. This grant will provide funding to support the implementation of the TNF Motorized Travel Mgmt Plan which was developed utilizing extensive stakeholder and public involvement including multiple publicly noticed meetings and stakeholder workshops that were conducted from 2006-10 in Nevada City, Foresthill, Grass Valley, Truckee, Sierraville & Auburn. During this 5-yr period, numerous informal meetings, field visits, face-to-face meeting, phone calls and briefings for stakeholders were held. During these meetings members of the public addressed the need for resource protection, maintenance and quality OHV experiences/opportunities on the forest. On 2/17/13 TNF staff conducted a conference call with the Friends of Fordyce to gain partner input for work needs and suggestions for the grant application.

5. Utilization of Partnerships - Q 5.

5. The Project will utilize partnerships to successfully accomplish the Project. The number of partner organizations that will participate in the Project are: 4

(Check the one most appropriate) (Please select one from list)

- 4 or more (4 points)
- 2 to 3 (2 points)
- 1 (1 point)
- None (No points)

List partner organization(s) and explain how each partner(s) will participate in the project:

Our partners and volunteers have been active for years in assisting us with our OHV efforts. Diablo 4-Wheelers, California Association of Four-Wheel Drive Clubs, Boonie Bouncers, Riders Under the Sun, Friends of the Rubicon, Friends of Foresthill OHV Trails, Nevada County Woods Riders, Four Dice 4WD Club, Friends of Fordyce, Grass Valley 4WD Club, Sierra Buttes Trail Stewardship, and Sacramento Jeepers all conduct OHV trail maintenance including brushing, clearing, and drainage maintenance.

Projects scheduled during this grant cycle include: 1. Boonie Bouncers - Maintenance of Signal Peak 4x4 Trail; 2. Nevada County Woods Riders- Maintenance of all Burlington motorcycle trails; 3. Friends of Fordyce - Maintenance of Fordyce Jeep Trail; 4. Grass Valley 4WD Club - Maintenance of Gold Valley, Lots-A-Lakes, Snake, Little Dear, and Hawley 4X4 Trails; 5. Sierra Buttes Trail Stewardship - Maintenance of First, Second and Third Divide OHV Trails, Butcher OHV Trail, Pauley OHV Trail.

6. Impact to Natural and Cultural Resources - Q 6.

6. The Project will avoid and/or minimize impact to natural and cultural resources by: 7

(Check all that apply) - Scoring: Maximum of 7 points (Please select applicable values)

- Maintaining physical barriers to control OHV use (1 point)
- Protecting water quality (1 point)
- Providing bridges instead of wet crossings where appropriate (1 point)
- Protecting special-status species (1 point)
- Re-routing trails to divert away from riparian/wetlands areas (1 point)
- Providing sanitary facilities (1 point)
- Protecting cultural site(s) (1 point)
- Site design precludes the need for the above measures (7 points)

Explain each statement that was checked:

The primary way the TNF avoids impacts to natural and cultural resources (including water quality, riparian areas, and special-status species) is to provide outstanding and properly maintained OHV opportunities that OHV enthusiast's value and support. Education, law enforcement, maintenance, restoration and monitoring activities are critical parts of our overall OHV management. The TNF utilizes boulders, logs, and constructed features to maintain physical barriers to keep users on legal routes. Bridges are maintained and stream crossings are hardened. Other mitigation or avoidance techniques include site hardening, and importing soil to bury sensitive resources. Grant funds will pay for bathroom cleaning and maintenance.

While maintaining trails and monitoring use, staff has the opportunity to identify impacts and solutions (such as the need for reroutes to avoid impacts to riparian areas) which can then be implemented using restoration grant funds or other sources of funding.

7. Recycled Materials - Q 7.

7. The Project incorporates recycled materials by utilizing: 5

(Check all that apply) (Please select applicable values)

- Barrier materials which include recycled content or materials obtained onsite (1 point)
- Signs, sign posts or education kiosks which use products with recycled content (1 point)
- Erosion control features which use materials with recycled content (1 point)
- Paper used for trail maps which includes recycled content (1 point)
- Other products with recycled content (Specify) (1 point) [Toilet paper and paper towels at staging area restrooms]

8. Sustainable Technologies - Q 8.

8. The Project makes substantial use of sustainable technologies, meaning at least 50% of the project activities use sustainable technologies, such as: 0

- Alternative fuel vehicles and equipment
- Renewable energy sources (e.g., solar, wind)
- Low volatile organic compound emission materials (e.g., paint, sealants, carpet)
- Low flow plumbing fixtures
- Water efficient landscaping

(Check the one most appropriate) (Please select one from list)

- No (No points) Yes (4 points)

Explain 'Yes' response:

9. Motorized Access - Q 9.

9. The Project improves and/or maintains facilities that provide motorized access to the following non-motorized recreation opportunities: 6

(Check all that apply) - Scoring: 2 points each, up to a maximum of 6 points (Please select applicable values)

- | | |
|--|---|
| <input checked="" type="checkbox"/> Camping | <input checked="" type="checkbox"/> Birding |
| <input checked="" type="checkbox"/> Hiking | <input type="checkbox"/> Equestrian trails |
| <input checked="" type="checkbox"/> Fishing | <input type="checkbox"/> Rock Climbing |
| <input checked="" type="checkbox"/> Other (Specify) [Historical Sites] | |