Micro Grants

Pagosa Ranger Station Xeriscaping Project

Names and contact info for those submitting proposal:
Mary “Beth” Jones, maryjones@fs.fed.us, 970-264-1501

Description of project:
The Pagosa Ranger Station xeriscaping project would consist of removing non-native turf grasses and replacing the area with low-maintenance native plants, rocks and trees.
The area is approximately 2,750 square feet and resides at the entrance of the district offices where public access the visitor information desk.

What costs are needed for materials? For time (contract prep, award, and oversight)?
A landscape designer volunteered her time to create a xeriscaping plan for the office including plant list and cost estimate. Those figures are as follows:
Labor = $900
Equipment rental = $250
Plants & rock = $600
Tools = $100
Picnic table = $350
Total =$2,200
However, with minimal employee and volunteer time we feel the plan can easily come to culmination for $2,000.

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REUDI RESEVOIR CAMPGROUND HOST- SITE SOLAR POWER PROJECT

Contact Info:
Jim Kirschvink, Developed Recreation- Facilities and Maintenance,
Aspen-Sopris Ranger District, 806 W. Hallam Street
Aspen, Colorado 81611
(970 945 3313), C: (970) 580 9366 jkirschvink@fs.fed.us

Martha Moran, Recreation Staff,
Aspen-Sopris Ranger District,
(970) 945 3312, C: (970) 580 9367 mmoran@fs.fed.us
Jerry & Pam Junker, Thousand Trails Management Services inc.
Colorado Regional Mgrs/National Recruiters
8590 US Hwy 34 Granby, CO 80446
Phone: 970-887-1339 jpjunker@coloradoweblink.com

Description of Project:
Reudi Reservoir is located approximately 35 miles southeast of Glenwood Springs, Co., and is on the Frying Pan River, east of Basalt. It is a popular fishing, camping, and boating destination.
One major challenge of this developed- site recreation complex with its marina, four campgrounds, and day-use areas is the challenge the concessionaire has obtaining campground hosts at the marina campground site.
The primary reason brought to our attention by Thousand Trails is that since there is no power present, many hosts choose other developed sites to work at.

Materials: Including 4 – 115W solar panels, the pole, the mounting, the charge controller, electrical components and wiring:
$3870, (based on internet pricing) About another $700 in labor, (CMFC15) and use of the district's bobcat for digging the hole.
TOTAL ESTIMATE: $4570.00

Burgess Ranger Station water conservation

Names and contact info for those submitting proposal:

Dan Scaife or Steve Quintana
Bighorn National Forest
2013 Eastside 2nd Street
Sheridan, WY 82801
307-674-2600
dscaife@fs.fed.us
squintana@fs.fed.us

Description of project:

Purchase and install approximately 10 low water use/dual flush toilets for the various buildings at the Burgess Ranger Station.

What costs are needed for materials? For time (contract prep, award, and oversite)?

Material Cost: ~ $2,000 @ $200/toilet
Labor Cost: 2-person facility crew at $200 per person per day, installing 3 toilets per day, plus one day for rounding up supplies & ordering toilets.
4 days @ 400/day ~ $1,600.
Total Cost to implement: $3,600.00
We are asking for $2000 from the Microgrant fund. The rest will be funded using Forest facilities maintenance dollars.

PV Power System for the Paintrock Guard Station

Names and contact info for those submitting proposal:
Lexie Carroll or Bruce Kjerstad
Bighorn NF Engineering
Sheridan, Wyoming
Ph: 307.674.2643 or 307.674.2647
lcarroll@fs.fed.us or bkjerstad@fs.fed.us

Description of project:
The project consists of installing a photovoltaic power system on the roof of the Paintrock Guard Station to provide electric lights and power in the cabin.
Grid power is not available at this remote station. Currently, propane is used for lighting, a refrigerator, and a cook stove.
The propane lights are unsafe for seasonal use at such a remote site.

What costs are needed for materials? For time (contract prep, award, and oversight)?
Material costs
$ 2499 (Extended Weekend Kit for Cabin with battery -
Real Goods product # 53-0109 – includes a 800 watt-hour battery pack)
$ 599 (Modified sine-wave 2500 watt inverter - Real Goods product #49-0204
$ 1000 for misc wiring, conduit, light fixtures, and wire mold.
Labor Costs
$ 2000 for labor to install the system
Total $$ needed = $6098
We are requesting $2000 through the micro grant program.
The remaining $4098 will be paid using forest dollars.

Recycling Trailer for SO – Rio Grande NF

Names and contact info for those submitting proposal:
Lynn DiFiore, Forest Engineer (719)852-6246 ldifiore@fs.fed.us

Description of project:
A previous micro-grant (thanks y'all!) is allowing us to purchase large recycling bins for use in the Supervisor's Office in Monte Vista. Currently the City does not have a recycle program so we plan to allow employees to bring in recyclables from home & we will use volunteers to get the bins to Alamosa (or Chaffee County in the case of glass). We would like to place the bins outside & encourage the public & local residents to also place recyclables in our bins, but the bins will become so cumbersome & heavy that we cannot easily get them into the back of a pickup. This project would allow us to purchase a small utility trailer that we could mount the bins on & make it easier for the volunteers to get the items to Alamosa or Chaffee County.

What costs are needed for materials? For time (contract prep, award, and oversite)?
Cost is approximately $1,500.00

Maroon Bells - "4-Holer Unit" Solar Upgrade Project

Contact Info:
Jim Kirschvink, Developed Recreation- Facilities and Maintenance
Aspen-Sopris Ranger District, 806 W. Hallam Street
Aspen, Colorado 81611
(970 945 3313), C: (970) 580 9366 jkirschvink@fs.fed.us

Martha Moran, Recreation Staff,
Aspen-Sopris Ranger District,
(970) 945 3312, C: 970 580 9367 mmoran@fs.fed.us

Description of Project:
Presently the solar-operated 4-hole toilet located at the day use parking area of the Maroon Bells services a great number of people a year (over 100,000 uses in a three month season). This project would involve the installation of new brackets to raise the solar unit off the roof about 2', and include the addition of two additional solar panels. This will allow the panels to be at a proper angle to the sun during the fall and spring, as well as give it room to shed snow. The new panels will provide an adequate amount of electricity to fully charge the batteries, and extent their lives.

What costs are needed for Materials?
Materials: Cost of two additional Panels: $1200. Mounting brackets, "U" channel, fittings, new cables: $400. Labor: is included in Jim Kirschvink's salary and will be done as the REA Facilities Mgr. FDDS ($600.)
TOTAL COST: $2000

Electric Demand (tankless/instantaneous) Water Heater(s) for the Matterhorn GS office,

Names and contact info for those submitting proposal:
Jan Fenner (970)874-6635
Chiara A. Palazzolo (970)835-4380.

Description of project:
Replace propane standard water heater at West Muddy Guard Station
with 2 Electric Demand (tankless/instantaneous)Water Heater(s).

.**What costs are needed for materials? For time (contract prep, award, and oversite)?**
Each hot water heater costs approximately $800.00 a piece. The contract for installation and purchase is estimated at $5,200.00.
The GMUG National Forest is requesting $2,000.00 to help with the project.

Model 110 American Tankless Water Heater

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South Park Ranger District
Office Lighting Retrofit, PSICC

Names and contact info for those submitting proposal:
Jerry Stevenson – Forest Engineer
(719) 553-1492
rstevenson@fs.fed.us

Description of project:
Complete remaining ~60% of change-out from T-12 to T-8 ballasts and bulbs. First ~40% was completed in late FY06 with Forest discretionary funding. The project will continue implementation of recommendations from a Dept. of Energy energy audit.

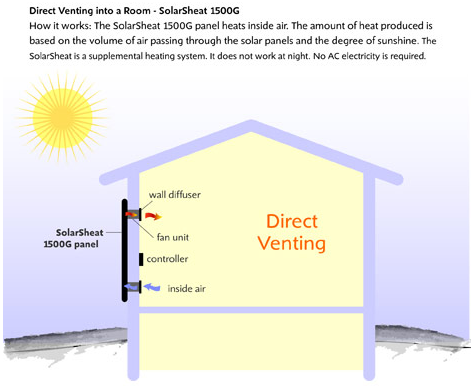
What costs are needed for materials? For time (contract prep, award, and oversite)?
Total estimated cost (labor & materials) = $3,500.

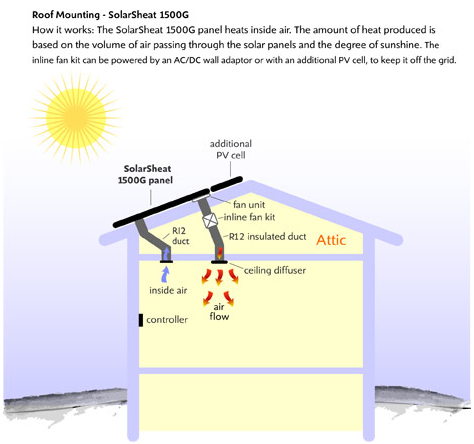
Woodland Park Work Center Solar Thermal Heating, PSICC

Names and contact info for those submitting proposal:
Jerry Stevenson – Forest Engineer
(719) 553-1492
rstevenson@fs.fed.us

Description of project:
Purchase and install two self-contained solar thermal space heating units for the Woodland Park Work Center garage/office building.
Units envisioned are the SolarSheat 1500G-BL and 1500GS-BL, from www.yoursolarhome.com.

What costs are needed for materials? For time (contract prep, award, and oversite)?
Materials estimate: $2,621 (for both units), plus shipping
Labor estimate: 8 hours @ $20.00/hour = $160.00
Total estimated cost = ~$2,800.00





Evaporative cooler installation at Divide District Office

Names and contact info for those submitting proposal:
Lynn DiFiore, Forest Engineer (719)852-6246 ldifiore@fs.fed.us

Description of project:
Office was originally designed to not include air conditioning. When AC was eventually installed in the original office, the system was undersized due to lack of space. This has resulted in the replacement of the condensing unit twice over the past 6 years. The current unit seized up early this summer and needs replacing. Two small self-contained refrigeration units were added to the west end of the building when the addition was constructed, but they are also inadequate to cool the space. This project would consist of replacing the failed condensing unit with an energy efficient evaporative cooler in the east end of the building. If the unit proves effective, the two self contained systems in the addition would also be replaced when they fail.

What costs are needed for materials? For time (contract prep, award, and oversite)?
Cost is approximately $6,500.00