

PROJECT DESCRIPTION

Project name Building 15 benches and possibly 4 planter boxes for MROSD

Describe the project you plan to do.

The project is to build fifteen benches varying in height from six inches-one foot off the ground and four "rodent proof" planter boxes. The Organization I will be doing this for is called Mid-Peninsula Regional Open Space District. The fifteen Benches will go in the at MROSD's Ohlone Village teaching center at Deer Hollow Farm where they will be used for seating in many different events. The four planter boxes will go in the demonstration garden at Deer Hollow Farm. The planter boxes will be rodent proof with a layer of screen so no moles or animals will get in. They will be used as demonstration planter boxes to show people how to grow plants.

What group will benefit from the project?

Mid-Peninsula Regional Open Space District

(650) 691-1200

Name of religious institution, school, or community

Telephone No.

330 Distel Circle

Los Altos

CA

94022

Street address

City

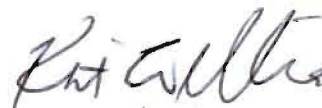
State

Zip code

My project will be of benefit to the group because:

MROSD currently lacks proper seating at the Ohlone Village teaching center. They only have a few benches, and those are rotting and falling apart. Besides being important for student/camper comfort and safety, the benches will provide a more classroom-like environment and a sense of order to help the teachers teach and keep the students/campers' attention. Meanwhile a large area in the garden is bare dirt. The demonstration garden would create a better impression if there were more plants growing. Besides right now the planter boxes they do have are jam-packed full of plants which makes it harder to work in them and harder for the plants

This concept was discussed with my unit leader on


3/17/11

Date

The project concept was discussed with the following representative of the group that will benefit from the project.

Jaime Villarreal

12/17/10

Representative's name

Date of meeting

Farm Maintenance Worker

(650) 903-6430

Representative's title

Phone No.

PROJECT DETAILS

Plan your work by describing the present condition, the method, materials to be used, project helpers, a time schedule for carrying out the project, the estimated cost of the project, and how the needed funds will be obtained. Describe any safety hazards you might face, and explain how you will ensure the safety of those carrying out the project.

If appropriate, include photographs of the area before you begin your project. Providing before-and-after photographs of your project area can give a clear example of your effort.

Present Condition

Right now at the Deer Hollow Farm Ohlone Village teaching area the benches are short, small, and few. Also, many of the benches are severely weathered and very low to the ground, which makes them uncomfortable for larger students. The new benches would be greatly appreciated.

Method

I will use basic carpentry tools (band saws, chop saws, drill presses, etc.) to cut parts and assemble the benches.

1. Measure out and cut wood to appropriate dimensions
2. Drill pilot holes in marked locations cleanly with drill press
3. Assemble the pieces
4. Insert screws into the pilot holes and drive in with power drill

Materials

15 2"x12"x8' fir or redwood boards

15 2"x6"x8'

330 3.5 inch all-weather wood screws

Pressure treated wood that I have as scrap wood from construction going on at my home.

Project Helpers

I will try to recruit fellow scouts, friends, and family members to help me with my project. Once I start work on the project, I will send out work sessions to the troop via email and hopefully some people will come to help me. I will also make announcements at troop meetings to help recruit people to help.

Time Schedule

I hope to start making two prototype benches of different heights with my parents as soon as my project is approved. These prototypes should take about two weeks to build. These prototypes will be perfected and checked by MROSD. While I am making prototypes I will also be asking for funding from various groups. Once I have proper funding I will buy the needed materials (not the prototype materials which will be bought when I make the prototypes) for the benches. I plan to start work sessions in June when school is out. I will have multiple work sessions, probably over about a month to a month and a half. Then the benches will be brought to

MROSD. I hope to finish the building phase of my project by mid-July or earlier, then prepare reports and get final signatures by mid-August.

Estimated Cost

I have estimated the cost of the project to be \$152.61 without tax for fir wood and all weather wood screws. Redwood is much more expensive and would raise the total cost of the project to around ~\$550. I may need to get some extra materials, which would make the project more expensive so if I use fir wood total cost should be ~\$200.

Funding

For funding I plan to ask local hardware stores for donations. If I do not get enough funding from them then I will ask close friends and family for donations or apply to the Friends of Deer Hollow Farm for a donation. I have also found that Home Depot will give me a 10% discount on any materials I buy for my Eagle Project.

Safety Hazards and Safety

For my project I will be using power tools so I will ask all helpers to wear closed toe shoes, and long pants and also ask all helpers to bring safety glasses and work gloves. If any helpers cannot bring safety glasses I will be able to provide them. Also on the worksite I hope to enlist parents to operate the chop saw, band saw, and any other dangerous tool.



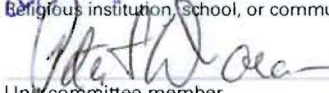
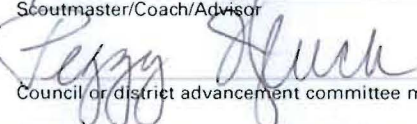
Material	Number	Price of 1	Price of All	Source
2x4x8 fir	15	\$2.62	\$39.30	Home Depot
or				
2x4x8 redwood	15	\$16.32	\$244.80	Pine Cone Lumber
2x6x8 fir	15	\$3.89	\$58.35	Home Depot
or				
2x6x8 redwood	15	\$16.32	\$244.80	Pine Cone Lumber
5lb box 3.5" all-weather screws	2	\$27.48	\$54.96	Home Depot
Thompsons Waterseal 1 gal. (for fir wood only)	1	\$13.97	\$13.97	Home Depot
Total (redwood)			\$599.02	(with tax)
Total (fir)			\$183.24	(with tax)
All tools used for building will be provided by my family.				

"BEFORE" PHOTOGRAPHS



Approval Signatures for Project Plan

Project plans were reviewed and approved by

	5-21-11		5/22/11
Religious institution, school, or community representative	Date	Scoutmaster/Coach/Advisor	Date
	5-28-11		6/5/11
Unit committee member	Date	Council or district advancement committee member	Date

IMPORTANT NOTE: You may proceed with your leadership service project only when you have

- ☒ Completed all the above mentioned planning details
- ☒ Shared the project plans with the appropriate persons
- ☒ Obtained approval from the appropriate persons

CARRYING OUT THE PROJECT

Record the progress of your project. Keep a record of how much time you spend planning and carrying out the project. List who besides yourself worked on the project, the days they worked, the number of hours they worked each day, and the total length of time others assisted on the project.

If appropriate, list the type and cost of any materials required to complete the project. If your original project plan changes at any time, be sure to document what the change was and the reason for the change.

Hours I Spent Working on the Project

The length of time spent should be as adequate as is necessary for you to demonstrate your leadership of two or more individuals in planning and carrying out your project.

Hours I spent: Planning the project 18 Carrying out the project 43.25

Total hours I spent working on the project: 61.25

Hours Spent by Scouts, Venturers, or Other Individuals Working on the Project

Name

Date

No. of Hours

See next page for list of hours spent on my project.

Total number of hours others worked on the project: 111.75

For a grand total, add the total number of hours you spent on the project to the total number of hours others worked on the project: 173

Materials Required to Complete the Project

Type of Material

Cost of Material

Item	Quantity Needed	Price of 1	Price of All	Comments
2"x6"x8'	17	\$19.32	\$328.44	
2"x4"x8'	17	\$13.23	\$224.91	
2"x12"x6'	4	13.11	\$52.44	Already donate
5lb Box 3" All-Weather Screws	1	\$6.89	\$6.89	
Safety Glasses	2	10.87	\$21.74	Already donate
Drillbits (long)	2	5.45	\$10.90	
Dust Masks	2	5.4	\$11.80	
Total			\$657.12	Includes tax

Donations Received

Name

Amount

Person(s)/Company	Amount Donated
Golden State Lumber	24 Linear feet of 2"x12"
Schillace Family	\$50
Sauer Family	\$50
Williams Family	\$20
Fitzgerald Family	\$200
Kubica Family	\$75
Bourgeois Family	\$50
Pat Fouquet	\$25
Doug Fouquet	\$50
Bitsie Root	\$50
Richard Fouquet	\$25
Total	\$595

Changes

List any changes made to the original project plan and explain why those changes were made.

- The bench design was altered to make the benches easier to construct while retaining strength and durability.
- The planter boxes were not included in the project. *because the benches were enough work*
- Instead of using scrap pressure treated wood from the construction project going on at my house for the bench legs, I used redwood donated by Golden State Lumber.
- For funding I received donations from Troop families. I also reserved all 2x12 wood and two pairs of safety glasses from Golden State Lumber, and a discount on 2x6 and 2x4 wood from Bruce Bauer Lumber. A troop family donated some wood for horizontal supports as well.
- I did not need as many wood screws as originally expected with the improved design.
- I changed the screw length from 3.5" to 3" because the 3.5" screws were so long they became hard to drive into pilot holes.
- I did not ask workers to bring work gloves because when working with power tools it is unsafe to wear work gloves because they can get caught in any moving parts of power tools.

"AFTER" PHOTOGRAPHS



Including photographs of your completed project (along with the "before" photographs on page 9) helps present a clearer overall understanding of your effort.

Approvals for Completed Project

Start date of project 12/17/10

Completion date of project, including paperwork and final signature 8/7/11

The project was started and has been completed since I received the Life Scout rank, and is respectfully submitted for consideration.

Ben Adersine
Applicant's signature

7-15-11
Date

This project was planned, developed, and carried out by the candidate.

[Signature]
Signature of Scoutmaster/Coach/Advisor

8/7/11
Date

[Signature]
Signature of the representative of religious institution, school, or community

7-15-11
Date