

EXHIBIT SUMMARY SHEET

Proposing Entity (include other participating entities): Plumas County Transportation Commission

Contact Person: Jim Graham

Address: 1834 E. Main Street, Quincy CA 95971

Phone #: (530) 283-6169

FAX #: (530) 283-6323

EMAIL: jimgraham@countyofplumas.com

Total Project Budget:

| | AB 2766 Funds | Co-Funding | Total Project Costs |
|-----------------|-------------------------|------------------------|----------------------------|
| Capital Costs | \$ <u>25,800</u> | \$ <u>5,500</u> | \$ <u>31,300</u> |
| Operating Costs | \$ _____ | \$ _____ | \$ _____ |
| TOTAL | \$ <u>25,800</u> | \$ <u>5,500</u> | \$ <u>31,300</u> |

Type of Project: (check one)

Quantifiable Project

Reduced Emission Vehicles Project

Implementation Area for Project: Check if District-wide

Describe the Implementation Area for the Project (e.g. city, county, region): Plumas County

Estimated Emission Reductions: Total emissions reductions below to be multiplied by 10 years reflecting the life of the bike parking racks.

A. Emission Reductions (lbs/yr)

Reactive Organic Gases 19.17 Nitrogen Oxides 13.73 PM₁₀ 19.67

B. Vehicle Miles Traveled (VMT) Reduced 15,000

Single Occupancy Vehicle Trips Reduced 5,000

C. Number of people reached per day through public education _____

Cost-effectiveness: \$ 86.36 per pound (AB 2766 Funds Only)

Brief Project Description:

This project includes a County-wide solicitation for bicycle parking infrastructure for employment centers, schools, commercial businesses, recreational centers, post offices, local chambers of commerce and various governmental facilities. PCTC will purchase the bikes parking racks and provide installation assistance. Approximately 50 2-4 unit bicycle racks are planned to be purchased and installed.

REQUEST FOR PROPOSAL CONTENTS CHECKLIST

Applicant: Rnw cu'Eqwpy{ 'Vtcpu qtvcvkp'Ego o kulkp

Please complete and attach this checklist with your application.

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All Pages Numbered

Proposal, One Original

(CHECK ONE ONLY)
Quantifiable Project

- OR -

Reduced Emission Vehicles Project

PLUMAS COUNTY TRANSPORTATION COMMISSION

1834 East Main Street, Quincy, CA 95971 – Telephone (530) 283-6268 Facsimile (530) 283-6323
Jim Graham, Executive Director

August 16, 2021

Northern Sierra Air Quality Management District
ATTN: Melissa Klundby
PO Box 2227
Portola, CA 96122

Dear Ms. Klundby:

As the person authorized to represent the Plumas County Transportation Commission, I am writing this letter to confirm that the Plumas County Transportation Commission is authorizing the submittal of the attached Request for Proposal for the AB 2766 DMV Surcharge Fund Program – Grant Year 2022.

This proposal is for the purchase and installation of bicycle parking racks countywide.

The Proposing Entity information is:

Jim Graham, Executive Director
Plumas County Transportation Commission
1834 E. Main Street
Quincy, CA 959571
Phone: (530) 283-6169

Sincerely,

Jim Graham, Executive Director
Plumas County Transportation Commission

AB 2766 DMV Surcharge Program

2022 Grant Year

Project Description For Solicitation, Purchase and Installation of Bicycle Parking Racks Throughout Plumas County

The Plumas County Transportation Commission (PCTC) is seeking to increase bicycle ridership throughout Plumas County by removing barriers that discourage bicycle ridership. One such barrier is the lack of bicycle parking at employment centers, schools, commercial businesses, recreational centers, post offices, and various governmental facilities.

PCTC staff will purchase the bicycle parking racks and provide installation guidance and assistance where needed. Approximately 50 2-4 unit (some may be larger) bicycle racks are planned to be purchased and installed.

The specific objectives of this project are to:

- ✓ Increase bicycle usage by removing a barrier that discourages the use of bicycles.
- ✓ Decrease vehicle emissions by increasing the modal share of bicycle usage.
- ✓ Improve the overall health of the community by encouraging active transportation.

This project fulfills the Vision, Goals and Objectives of the 2018 Plumas County Active Transportation Plan – Pedestrian Bicycle Plan as set forth below:

Vision

Plumas County envisions a walking and bicycling environment that supports active living, provides for safer and healthy transportation, addresses the mobility needs for people of all ages and abilities, and improves the economic health of the county.

Goal 2: Mobility

Increase and improve walking and bicycling access to community destinations for all ages and abilities.

Objective 2.B: Work to eliminate barriers to walking and bicycling.

Strategy 2.B.2: Work with mobility-impaired community members, including children and senior citizens, to identify and address barriers within the active transportation environment, particularly for walking and bicycling.

Strategy 2.B.3: Provide support facilities, such as bicycle parking and wayfinding, at appropriate locations such as employment centers, parks, trailheads, schools, lodging, and commercial centers.

The following excerpt from the 2018 Plumas County Active Transportation Plan – Pedestrian Bicycle Plan emphasizes the importance of bicycle parking infrastructure.

“Bicycle parking can range from a simple bicycle rack to storage in a bicycle locker or cage that protects against weather, vandalism and theft. The majority of existing bicycle parking facilities are located downtown. Many of these existing facilities do not meet current bicycle rack standards. Across the County, bicyclists visiting downtown, parks, schools and places of employment do not have available bicycle parking and instead may lock their bikes to street fixtures such as trees, telephone poles, and sign poles. Bicycle parking is an essential element of any bikeway network and this section presents recommended types of bicycle parking and general requirements for bicycle parking.”

Scope of Work

Plumas County Transportation Commission staff, following acceptance and approval of the Request for Proposal, will begin the following Scope of Work:

- I. Community Outreach and Solicitation
- II. Evaluation of Requests
- III. Acquisition of Bicycle Parking Racks
- IV. Installation

The above tasks are described in detail in the attached Work Statement

AB 2766 DMV Surcharge Program

Project Organization/Background

For

Plumas County Transportation Commission

The Plumas County Department of Public Works, acting as staff to the Plumas County Transportation Commission, has been serving the residents of Plumas County since 1850. The Public Works Department maintains approximately 680 miles of roadways, including over 500 bridges and drainage structures and more than 5,000 road signs.

The mission of the Public Works Department includes:

- Maintaining, repairing, designing, and constructing county roads, bridges, and storm water drainage systems in accordance with local, state, and federal laws / standards and in a manner that maximizes public safety
- Reviewing and approving land development projects as they relate to the county road and drainage systems
- Pursuing and obtaining federal and state funds for the county roads, bridges, and storm drainage systems

In supporting the county mission, the Public Works Department provides protection of the public investment in the county's existing road system and public safety by maintaining and improving overall roadway conditions.

The Department of Public works has sufficient accounting capabilities to track project costs by task and funding source.

NSAQMD AB 2766 Grant

Plumas County Public Works

Grant Year: 2022
 Department Name: Plumas County Transportation Commission
 Grant Name: County-Wide Bicycle Parking Racks

Grant Funding Amount \$25,800
 In-Kind Funding amount \$5,500
 Total Project Funding amount \$31,300

Please only insert text or values in the blue shaded cells. Non-shaded cells are formulas that should not be altered.

Effectiveness Period (LIFE) 10
 Capital recovery factor 0.12
 Average Miles per trip (one-way) 1.50
One Way Vehicle Trip Reductions per year 5,000
 Annual Miles travelled, round trips 15,000.00

Capitol Recover Factors

1 year 1.03
 3 years 0.35
 5 years 0.22
 7 years 0.16
 10 years 0.12
 12 years 0.10
 15 years 0.08
 20 years 0.07

Average Auto Emissions Factors (ARB 2013 from table 3)

ROG - Average Trip ends (g/trip end) 0.584
 ROG - Auto VMT factor (grams/mile) 0.191
 NOx - Average Trip ends (g/trip end) 0.298
 NOx - Auto VMT factor (grams/mile) 0.217
 PM2.5 - Average Trip ends (g/trip end) 0.003
 PM2.5 - VMT factor (grams/mile) 0.087

Annual Emission Reduction - ROG (lbs/year) 19.17
 Annual Emission Reduction - Nox (lbs/year) 13.73
 Annual Emission Reduction - PM2.5 (lbs/year) 2.94

Total Emissions reduction (All) (lbs/year) 35.85

Cost-Effectiveness of Funding Dollars (\$\$/lb) \$86.36

Assumptions for One Way Vehicle Trip Reductions per year

25 riders per day, 5 days per week for 40 weeks per year

AB 2766 DMV Surcharge Program

2022 Grant Year

**Work Statement
For
Solicitation, Purchase and Installation of Bicycle Parking Racks
Throughout Plumas County**

Community Outreach and Solicitation

Upon award of the grant, Plumas County Transportation Commission (PCTC) staff will solicit input from communities throughout Plumas County to determine the need for bicycle parking infrastructure. This solicitation will include reaching out to local chambers, schools, recreation districts, and various governmental entities. Outreach will also include County and PCTC websites, and Plumas news. Solicitation will include a list, including pictures, of bicycle parking rack options.

Evaluation of Requests

PCTC staff will evaluate proposed locations to determine location feasibility, the type of bicycle parking rack appropriate for the location and ADA compliance issues.

Acquisition of Bicycle Parking Racks

PCTC staff will obtain quotes from various vendors to obtain the best price for the type of bicycle parking racks selected during the solicitation period and place an order for the racks selected.

Installation

Once the bicycle parking racks are received, PCTC staff will coordinate the placement and installation. Public Works Maintenance Crews, acting as staff to PCTC, will be available to install the bicycle parking racks when needed.

| Task | Start Date | End Date |
|--------------------------------------|-------------------|-------------------|
| Community Outreach and Solicitation | January 3, 2022 | February 28, 2022 |
| Evaluation of Requests | March 1, 2022 | April 29, 2022 |
| Acquisition of Bicycle Parking Racks | May 2, 2022 | May 31, 2022 |
| Installation | June 1, 2022 | August 31, 2022 |

AB 2766 DMV Surcharge Program

2022 Grant Year

**Funding Request/Breakdown of Costs
For
Solicitation, Purchase and Installation of Bicycle Parking Racks
Throughout Plumas County**

| Task | AB 2766 Funds | In-Kind Funds* |
|--------------------------------------|----------------------|-----------------------|
| Community Outreach and Solicitation | | \$641.60 |
| Evaluation of Requests | | \$810.60 |
| Acquisition of Bicycle Parking Racks | \$25,800 | |
| Installation | | \$4,047.80 |
| Costs by fund | \$25,800 | \$5,500 |

Total Project Cost: \$31,300

Community Outreach and Solicitation: PCTC Staff time (Executive Director) _ 8 hrs. @ \$80.20 = \$641.60

Evaluation of Requests: PCTC Staff time (Engineering Technician) _ 12 hrs. @ \$67.55 = \$810.60

Acquisition: Average cost of 2-4 bike rack with shipping \$516 per unit @ 50 units = \$25,800

Installation: PCTC Staff time (Road Crew) _ 70 hrs. @ \$50/hr. = \$3,500

PCTC Vehicle Rate 10 hrs. @ \$16.60/hr. = \$166

Installation supplies (Concrete bolts, etc.) = \$381.80

* In-kind funds are Local Transportation Funds

AB 2766 DMV Surcharge Program

2022 Grant Year

**Schedule of Delivery/Monitoring Page
For
Solicitation, Purchase and Installation of Bicycle Parking Racks
Throughout Plumas County**

Delivery Schedule

| Task | Delivery Date |
|--------------------------------------|----------------------|
| Community Outreach and Solicitation | February 28, 2022 |
| Evaluation of Requests | April 29, 2022 |
| Acquisition of Bicycle Parking Racks | May 31, 2022 |
| Installation | August 31, 2022 |

Monitoring Program

Monitoring of the project’s effectiveness will be accomplished by determining the number of bicycles utilizing the bicycle parking racks. This task will be accomplished by maintaining an inventory of all installed bicycle parking racks and their usage. The usage survey will be performed at approximately the same time each year.

Below is an example of the monitoring program

| Bicycle Rack Location | # of Bicycle Parking Spaces Provided | Utilization Yr. 1 | Utilization Yr. 2 | Utilization Yr. 3 |
|------------------------------|---|------------------------------|------------------------------|------------------------------|
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