

City of Columbia - Community Development Department

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Project Summary

Provide a summary describing the proposed project. (500 word limit)

This project consists of constructing Bus Shelters in 5 locations within the CDBG eligible area. The project will include purchasing easements, installing infrastructure to connect sidewalks to the bus shelters, construction of the bus shelters, and additional engineering and design fees. Bus shelters were identified as a priority need in the new 2015-2019 Consolidated Plan and the plan adopted the goal of completing the construction of 5 bus shelters in the CDBG eligible area. The five locations were determined by the City identifying 10 bus stops with high ridership, and the public was allowed the opportunity to vote on the three most important bus shelter sites. The top five bus shelter sites identified through ridership data and public input were:

- The Daniel Boone Regional Library (includes 2 shelters)
- MU Health Clinic
- Garth and Worley Intersection
- Vandiver Government Center

The City is proposing to complete the construction of these 5 shelters all together to help achieve cost savings in the bid process, rather than constructing 1 or 2 per year. The project will be managed by the Public Works Department.

Drawings/Plans: (PDF format)

Upload plans/drawings of the selected site(s).

/document/download/filename/1430407748_27416_BusShelterDesignDrawings.pdf/

Site Pictures: (PDF Format)

Upload pictures of the selected site(s).

/document/download/filename/1430409513_27417_BusShelterLocationSurvey-GoogleForms.pdf/

Letters of commitment: (PDF Format)

Upload letters of commitment from other funding sources of the selected site(s).

Priority Need

Select the priority need(s) within the City of Columbia 2015-2019 Consolidated Plan that this project will address:

Sidewalks, Crosswalks, and Trails with Connectivity to Transportation
Bus Shelter

Project Service Area: Will this project service individuals and households within the City of Columbia?

Yes

Number Served: How many individuals or households will this project benefit? What is the target population? Please provide data to support. (500 word limit)

The proposed bus shelters will be located in census tracts where at least 51% of the households are at 80% or below the HUD area median income level. The target population is households below 80% AMI.

While transit is a desirable transportation alternative to personal vehicle travel for many riders, there are segments of the population which rely on transit due to age (too young or old to drive), disability status, poverty, or those that are unable or choose not to have a car. These individuals represent the transportation disadvantaged. The adopted 2040 Long Range Transportation Plan (LRTP) for the City identifies this need using 2010 Census Data. There are nearly 25,000 (24,847) individuals living in poverty in Columbia, and 9.5% of the population (9,392 persons) area living with a disability. Additionally 2% of all households do not have a personal vehicle due to choice or circumstance. Using these factors and others (such as age and density), the 2040 LRTP presents a map of areas in the Metro Area with the Greatest Needs (attached). Overall, nearly 90% of all households (43,065) have geographic access to, and could benefit from, transit.

Bus shelters are one of many amenities which reduce the barriers to taking transit, and greatly impact the usability and comfort of riders. ADA-accessibility to and into the new shelters will provide a great service to the numerous riders with disabilities, and aesthetic improvements may help to overcome cultural barriers to bus ridership. Transit ridership is projected to grow from 2,012,739 rides (2012 data) to 8,265,920 rides by the year 2040, so each new shelter will serve thousands of riders over the course of its lifespan.

Outcomes: Identify the specific, measurable and desired outcomes for this project. (500 word limit)

Specific, measurable and desired outcomes for the project include a reduction in the barriers to using transit, a reduction in negative associations or perceptions of transit, increased transit ridership, and reduced maintenance needs of the new shelters. Annual ridership surveys, Columbia citizen surveys, and transit statistics will provide the mechanism to record changes rider satisfaction, community support and perceptions of transit, and overall transit ridership numbers. While more difficult to measure, the additional benefit of increased transit ridership due to the amenity factor of the new shelters has larger economic and sustainability-related benefits to the entire community. Freedom of mobility to get to work and shop affects the personal economics of a person and also the larger commercial network they interact with, and reduced transportation costs frees up money for food, medicine and goods and services. If transit is more convenient and comfortable, those that switch from personal automobiles due to this factor reduce the City's overall carbon footprint, and fewer cars on the road reduces traffic and pollution from idling.

Outcome Data: What data will be collected to evaluate the outcomes for this project? (300 word limit)

The City will be tracking riders utilizing shelters by tracking ridership data at each shelter location. The City will also utilize census tract data for

documenting a HUD national objective has been met by serving a low to moderate income neighborhood.

Environmental Impact

Describe how the proposed project will fit within the surrounding neighborhood:

1. Neighborhood amenities (400 character limit)

Increase quality of utilizing transportation system and connect shelters to sidewalks.

2. Parking (400 character limit)

None.

3. Traffic flow (400 character limit)

None.

4. Pedestrian access (400 character limit)

Increased access to bus system by sheltering riders from the weather.

5. Property values (400 character limit)

None.

6. Public safety (400 character limit)

None.

7. Noise (400 character limit)

None.

8. Zoning and land use compatibility (400 character limit)

City will be required to purchase easements.

9. Storm drainage (400 character limit)

None

10. Soil erosion (400 character limit)

None,

11. Historic preservation impact (400 character limit)

None.

12. Access and availability of a sound sanitary sewer, water, electrical, and other services. (400 character limit)

None.

Site Control:

Does the organization have control of the site(s) for the project?

No

Neighborhood Consultation: Describe how the neighborhood been consulted regarding this project. (500 Word Limit)

Bus shelters came out of the significant public input process from the 2015-2019 Consolidated Plan. 100 persons voted on bus shelter locations and 1 public informational meeting held in conjunction with the survey.

Timeline:

Provide a timetable for completion of the project. List all commitments of funds and approvals that will be needed for the completion of the project and describe when any of these outstanding approvals and commitments will be in place.

Date: Sources of Funds Committed

08/01/2016

Date: Program or Architectural Design Complete

03/01/2017

Date: Property Acquisition Complete

12/31/2016

Date: Start of Construction or Program Implementation

06/01/2017

Date: Program/ Construction Complete

09/30/2017

Date: Occupancy and Performance Reporting Complete

12/31/2017

All Sources of Funds Committed

CDBG and City General Revenue for staff costs.

Program or Architectural Design Complete

Shelter design is complete, however additional design for individual sites may be needed.

Property Acquisition Complete

The City will need to acquire easements.

Start of Construction or Program Implementation

Construction will in summer of 2017.

Program/ Construction Complete

Construction expected to be complete by no later than 9/30/2017

Occupancy and Performance Reporting Complete

Reporting to HUD will be complete by December 31, 2017

Brief summary on previous City funding received, any funding remaining, and the measurable results from previous City funding. (500 word limit)

Since 2010, the City of Columbia Public Works Department has completed 11,995 linear feet of Sidewalk in Columbia at a total construction cost of \$1,552,707.95. CDBG paid for \$1,194,911.95 of these costs, or 77%. City general revenue funding has covered approximately 23% of CDBG funded sidewalk projects. Projects since 2010 include Worley Street Sidewalks, East Side Sidewalks and Downtown Ramps. The City will be beginning construction on the Garth Sidewalk, which will adjoin the Worley and Garth bus shelter location.

Program Personnel

Describe the personnel responsible for administering the program and operating the project upon completion.

The proposed program administrator to ensure compliance with HUD and City regulations and source of funding for this position. (400 character limit)

Randy Cole will be ensuring compliance with HUD regulations. Scott Bitterman will be overseeing the construction of the bus shelters and Drew Brooks will be ensuring that efforts are in align with overall Columbia Transit system efforts.

For construction projects, the designated person or firm designing and inspecting construction projects. (400 character limit)

This will be determined during the bid process after funding is awarded.

The designated persons providing financial management of the program (400 character limit)

Public Works Department staff, City Finance Department Staff and Community Development staff.

Program Personnel Prior Experience

What is the prior experience of the organization's personnel with this type of project? Include the following: 1) Credentials, including resumes and licenses necessary to accomplish the job. 2) Number of years of experience with this type of project; 3) List of representative projects completed in the past. (600 character limit)

City staff has many years of experience with these types of projects. All projects will be designed or supervised by a Professional Engineer (PE).

Contractor Experience

Who are the service providers or contractors, if selected, and what are their qualifications? Include the following:

Credentials, including resumes and licenses necessary to accomplish the job. (PDF Format)

Number of years of experience with this type of project (400 character limit)

This will be determined during the bid process.

List of representative projects completed or services offered in the past. (400 character limit)

This will be determined during the bid process.

Insurance that will be required of contractors. (400 character limit)

All contractors will be required to qualify as a City approved contractor meeting insurance requirements.

Record Lock

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System Fields