

Print

Measure Z Application for Funding 2025 - Submission #38237

Date Submitted: 2/13/2025

MEASURE Z APPLICATION SUBMISSION

Agency Name*

City of Trinidad

Mailing Address*

PO Box 390

City*

Trinidad

Zip*

95570

Contact Person*

Joe Tagliaboschi

Title*

City Manager

Phone Number*

7076773876

Email*

citymanager@trinidad.ca.gov

Project Title*

City of Trinidad Water System Critical Equipment Replacements

Funding Available

The estimated amount of Measure Z funding available for FY 2025-26 is \$1.3 million.

1. Amount of Measure Z Funding Requested For FY 25-26*

57,450.00

Agency Priority

N/A - I am only submitting one application ▼

Agencies are encourage to submit one project per application. If your agency is submitting more than one application, please rank this application in terms of your agency's priority here.

SUMMARY OF EXPENSES

Item	\$ Amount	% of Total
Salaries (wages)	Salaries Amount*	Salaries %*
	<input type="text" value="0"/>	<input type="text" value="0"/>
Benefits	Benefits Amount*	Benefits %*
	<input type="text" value="0"/>	<input type="text" value="0"/>
Overhead and Occupancy (Administrative, Rent, Utilities, Phones, etc.)	Overhead/Occupancy Amount*	Overhead/Occupancy %*
	<input type="text" value="0"/>	<input type="text" value="0"/>
Equipment/Supplies/Services	Equip./Services/Supplies Amount*	Equipment/Services/Supplies %*
	<input type="text" value="57,450.00"/>	<input type="text" value="100"/>
Transportation/Travel	Transportation/Travel Amount*	Transportation/Travel %*
	<input type="text" value="0"/>	<input type="text" value="0"/>
Fixed Assets	Fixed Assets Amount*	Fixed Assets %*
	<input type="text" value="0"/>	<input type="text" value="0"/>
TOTAL	Total Amount of Application*	TOTAL 100%
	<input type="text" value="57,450.00"/>	

ENTITY TYPE*☐

Humboldt County Department

☐

Contract Service Provider to Humboldt County

☒

Local Government Entity

☐

Private Service Provider

☐

Non-Profit Service Provider

☐

Other (please describe)

ENTITY TYPE

If you selected other, please briefly describe the entity you represent.

Is this application a renewal or related to a project that has been funded by Measure Z in the past? *

No ▼

If you checked "yes" please include the following:

1. a report detailing results from the most recent year the project was funded, and:
2. a completed Staffing Report detailing when the funded positions were filled during the most recent year you received funding for this project.

These documents must be uploaded in the "Required Attachments" section of this application.

Describe how the scope of your proposal fits the intent of Measure Z. Specifically, how will it maintain and improve public safety and essential services?*

Measure Z was placed on the ballot to maintain and improve essential services within Humboldt County, including public safety. Providing safe and reliable drinking water falls within the category of an essential service. The City of Trinidad is currently experiencing the woes that come with aging infrastructure at our water plant. The City has relied on grant funding for process improvement at the water treatment plant and to install a new water storage tank and upgrading water mains, but have not been successful securing funding for replacing some equipment at the end of their useful life that have a high consequence of failure, i.e. critical to producing water. This winter we have already experienced pipes rusting and breaking and causing damage inside our water plant – leading to electrical power surges as additional equipment was compromised. Continued pipe failure, and the inability to replace other aging water plant infrastructure such as pumps and turbidimeters, can cause interruptions in water delivery and jeopardizes the ability to provide safe and reliable drinking water to its customers. If awarded Measure Z funding, the City would immediately improve public safety by improving reliability in delivering safe drinking water.

Please provide a brief description of the proposal for which you are seeking funding.*

The City is seeking Measure Z funding to assist in the replacement of critical infrastructure and equipment within our water treatment plant that are at the end of their useful life. A majority of the items are critical to the function of the City's water plant. If these fail, the City would be unable to produce safe drinking water. Several of the items are currently broken, and while we can operate our system without them, the state is requiring they be replaced. Critical items that need replacement are sections of 4-inch pipeline, flanges, a streaming current monitor, mid turbidimeter, air compressor, intermediate pumps, raw water turbidimeter, and standard turbidimeters. Items that are not critical, but are a state requirement and are currently broken, are a backwash flow meter and our backwash recycler pumps. If the critical items listed fail, we will be unable to provide clean safe drinking water. For example, in the event of a critical item failing, we could face situations where our operators cannot determine how effective the treatment of the water is, or valving wouldn't operate properly and we would completely be unable to treat our water, or we'd be in a situation where we can't pump water to the filter or fill our tanks. Other items that are broken, but not critical for the operation of our plant, are state requirements and the City wants to follow the state's request.

How have you developed a plan for sustainability, including diversification of funding sources, for your proposal to carry on without reliance on future Measure Z funds? Please provide detail of your plan for sustainability here.*

Yes, the City has developed a plan for sustainability and diversified funding sources. The City engaged in a water rate study to develop a capital improvement plan, increased water rates, provided a gift and an optional loan from general funds to the water fund, and renewed efforts to hire a new Chief Plant Operator (CPO). In 2021 during the COVID Pandemic the City lost its CPO and was unsuccessful in hiring a new one. The City hired a contract CPO with the needed certification (T3) that has been very costly and resulted in heavy losses to the City's Water Fund for the past three years, reducing the Water Reserves to zero. The City is optimistic our recruitment process for hiring a new CPO will be successful and will reduce or eliminate losses to the water system operating budget. With the general fund gift and loan, new water rates and new CPO, the City will be able to begin rebuilding our Water Fund Operations and Maintenance Reserves, Emergency Reserves, and Capital Reserves, thus we no longer would require future Measure Z funds.

If this request is for the continuation or expansion of an existing program/service, what is the current source of funding for that program/service?*

This is not a request for the continuation or expansion of an existing program/service.

If you are awarded Measure Z funds, how do you plan to leverage these funds to secure additional grants, contributions or community support? *

If the City is awarded Measure Z funds, giving the City the opportunity to update our infrastructure, we will be able to continue to build our capital reserves, and improve the water system's eligibility and competitiveness in securing new grant funding for water system improvements. Additionally, as of current, the City's General Fund has gifted the Water Fund \$300,000, with the option of an additional loan of \$250,000 at the close of FY 2024/2025 to assist in sustaining daily operations. Many grants take into consideration the water system finances and ability to maintain operations, and the funds awarded by Measure Z will allow us to replace aging infrastructure and then to focus on rebuilding reserves that were depleted. This will allow the City to be more competitive in the application process for future grant funding.

Will this proposal require new or expanded activity on the part of another entity to be fully functional and effective? If so, name that entity and describe what that participation would look like. *

No, the proposal will not require new or expanded activity on the part of another entity to be fully functional and effective.

Are there recurring expenses associated with this application, such as personnel cost? *

No ▼

If you checked yes, please detail those expenses here.

Please note, the Citizens' Advisory Committee in May, 2023, adopted a stance that it would not recommend funding for new, ongoing county positions.

REQUIRED ATTACHMENTS

Be sure to include the following with your application.

Prior Year Results

If your request is a continuation of a program funded with Measure Z in prior fiscal years, please provide the results of implementation. (one page maximum)

Upload Prior Year Results Attachment

No file chosen

Program Budget

[Download the budget narrative](#), then upload using the button at right.

Upload Program Budget Attachment*

Measure Z Proposed Budget Template FY2025-26.pdf

Staffing Report

If your request was previously funded, please [download and complete the staffing report](#), then upload it using the option provided here.

Upload Staffing Report Attachment

No file chosen

Letters of Support

If you have letters of support from members of the community you can upload them here.

Upload Letters of Support

No file chosen

I declare under penalty of perjury under the laws of the State of California that the above statements and all attachments are true and correct.

Date*

2/13/2025

04:00 PM

Signature*

Joe Tagliaboschi

Type Approving Official's Name

Exhibit E - Proposed Budget

Agency Name:	City of Trinidad	Address:	409 Trinity St./PO Box 3, Trinidad, CA 95570
Coordinator/Contact:	Joe Tagliaboschi	Phone:	707.677.3876

Descriptions	Requested Budget	Current Quarter Costs	Total of Prior Quarter Costs	Remaining Balance
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A. Personnel Costs

Title:				
Salary (separate from benefits cost)				0.00
Benefits				0.00
Duties Description:				

Title:				
Salary (separate from benefits cost)				0.00
Benefits				0.00
Duties Description:				

Title:				
Salary (separate from benefits cost)				0.00
Benefits				0.00
Duties Description:				

<i>Salaries Subtotal</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>
<i>Benefits Subtotal</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>
Total Personnel:	0.00	0.00	0.00	0.00

B. Overhead and Occupancy Costs (Rent, Utilities, Phones, Administrative etc.)

Title:				
Description:				
Title:				
Description:				

Total Overhead and Occupancy Costs: **0.00** **0** **0** **0**

C. Equipment/Supplies/Services (Equipment, Supplies and Services should be separate)

Title: 4" inch pipe				
CRITICAL ITEM: If the piping fails we cannot inject the necessary CL2s (chlorine and soda ash) into the system, thus we cannot provide clean drinking water. Piping in need of replacement - Require - new 6 foot section of 4" pipe for injection ports; new sections of 4" 100 feet ductile iron piping				
Description: in the filter room.	600.00			
Title: Backwash flow meter				
Non-critical item, but is a State requirement. The backflow meter we currently have is broken. To fulfill the State's request, we require a new backwash flow meter. The backwash flow meter measures the rate of water flow during the backwash cycle of a filter. Allows the operators to monitor the performance of the filtration system and operate within the				
Description: design parameters.	5,000.00			
Title: (3) 4" three-way flange 90 degree elbows				
CRITICAL ITEM: Need 3 new three-way flange 90 degree elbows for plant piping - at their end of useful life. Currently the flanges at the water plant are rusting out and if they fail we cannot pump water through our system.				
Description:	1,200.00			
Title: Streaming Current Monitor (SCM)				
CRITICAL ITEM: The current SCM is at the end of its useful life and without it we cannot properly dose the water with polymer. (A polymer is chemical that binds particles in the water to make clear and clean). The SCM measures the electrical charge of particles in a liquid to control water treatment processes. SCMs are used for controlling polymer in sludge dewatering processes, improving overall plant				
Description: performance, etc.	20,000.00			
Title: Mid Turbidimeter				

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Descriptions	Requested Budget	Current Quarter Costs	Total of Prior Quarter Costs	Remaining Balance
CRITICAL ITEM: Shows how effective our dosing is, and operates as a fail safe. Midway through the treatment process we can determine if we are processing clean water. (Mid-treatment efficiency; allows for detection of issues in the pretreatment process such as overdosing of polymer). Description: Item is in need of replacement as it is at its end of useful life.	3,430.00			
Title: Backwash Recycler pumps Non-critical item, but is a State requirement. Both pumps are currently broken. The pumps allow for the conservation of water by recovering clean water from the backwash cycle.	3,500.00			
Title: Air Compressor CRITICAL ITEM: If the current air compressor fails all of the valving will not operate properly and we will not be able to treat water. Air compressors in water treatment perform many tasks, such as aeration and mixing. Require a new air compressor for the water plant, as it is at the end of its useful life.	7,000.00			
Title: Intermediate pumps CRITICAL ITEM: If the current pumps fail we can't pump water to the filters, and we also couldn't fill our water tanks. Description: We require 2 pumps as they are at the end of their useful life.	3,000.00			
Title: Raw Water Turbidimeter CRITICAL ITEM: The raw water turbidimeter effects our dosing capabilities, so if we are unable to properly dose we are unable to provide safe drinking water. The raw water turbidimeter measures the turbidity of the water, the current meter is at its end of use life.	3,430.00			
Title: (3) standard turbidimeter CRITICAL ITEM: The standard turbidimeter reads whether or not we are providing safe water. 1 per filter train \$3430 per filter, requires replacement, as they are at the end of their useful life.	10,290.00			
<i>Equipment Subtotal:</i>	57,450.00	0	0	57450
Title: Supplies (Please be detailed. These expenses are generally under \$200, depleted or consumed within 1 year)				
Description:				
Title:				
Description:				
<i>Supplies Subtotal:</i>	0.00	0	0	0
Title: Services/Other Operational Costs				
Description:				
Title:				
Description:				
<i>Services/Other Subtotal:</i>	0.00	0	0	0
Equipment/Supplies/Services:	57,450.00	0	0	57450
D. Transportation/Travel (Local and Out-of-County should be separate)				
Title: Local Travel				
Description:				
Title: Out of County Travel				
Description:				
Total Transportation/Travel Costs:	0.00	0	0	0
E. Fixed Assets (According to your agency's definition of a fixed asset)				
Title:				
Description:				
Title:				

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Agency Name:	City of Trinidad	Address:	409 Trinity St./PO Box 3, Trinidad, CA 95570
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Descriptions	Requested Budget	Current Quarter Costs	Total of Prior Quarter Costs	Remaining Balance
Description:				
Total Fixed Asset Costs:	0	0	0	0
Totals	57,450.00	0.00	0.00	57,450.00
Requested Budget		Current Quarter Costs	Prior Quarter Costs	Remaining Balance