



City of Manzanita

Memo from Dan

P.O. Box 129
Manzanita, OR 97130-0129

To: Cynthia

Date: 4/28/20

Re: Advanced Assistants Grant

Cynthia,

In the 2018 Water System Resiliency Study it was shown that the City's water storage tanks pose a high risk to life and property during a Cascadia Subduction Zone (CSZ) seismic event. Built primarily on sandy soils, the City's three existing water storage tanks are highly susceptible to liquefaction and ground movement. Water Tank 3 is at the greatest risk for catastrophic failure due to its location adjacent to a steep slope. Commissioned geological assessments have suggested that even a smaller seismic event will potentially trigger slope failure. The remaining two reservoirs have significant collapse potential due to a lack of lateral reinforcing and the effects from ground subsidence. Additionally, the complex network of piping, connections, and valving between the three reservoirs creates additional vulnerability for community water storage and water delivery. Even if the reservoir structures were to survive, the contents are likely to spill as a result of sheared pipe connections or joint separations. Losing water storage severely impedes the City's ability for first response and recovery actions, such as firefighting and the ability to provide potable water for residents and critical facilities.

If this Grant Application is successful the project will allow for the creation of a feasibility study detailing the replacement of the City's three existing water storage tanks. Because the existing groundwater wells and transmission line are vulnerable in the CSZ event, reservoir storage becomes the primary focus for resiliency and recovery. The replacement of existing tanks substantially increases the probability that there will be water storage to fight fires and provide emergency water for residents.

Thanks,

Dan Weitzel

RESOLUTION NO 20-10

A RESOLUTION DESIGNATING GRANT AGENT

WHEREAS, the City of Manzanita is dedicating resources to apply for a Hazard Mitigation Grant Program (HMGP) Advance Assistance for \$75,000 to develop mitigation strategies and obtain data to prioritize, select and develop a complete HMGP application; and

WHEREAS, the funds would be directed to the creation of a feasibility study detailing the replacement of the City's three existing water storage tanks; and

WHEREAS, the water storage tanks are a focus for the City's resiliency and recovery efforts as the replacement of the tanks substantially increases the availability to provide emergency water to our residents; now, therefore

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MANZANITA:

Section 1. Manzanita Public Works Director, Dan Weitzel, is authorized to execute for and in behalf of the City of Manzanita, all required forms and documents for the purpose of obtaining financial assistance for the Hazard Mitigation Grant Program (HMGP) or the Pre-Disaster Mitigation (PDM) program under the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Public Law 93-288 as amended by Public Law 100-707) or the Flood Mitigation Assistance (FMA) program, Repetitive Flood Claims (RFC) program or Severe Repetitive Loss (SRL) program under the National Flood Insurance Act of 1968 (42 U.S.C. 4001 et seq), National Flood Insurance Reform Act of 1994 (Public Law 103-325) and the Flood Insurance Reform Act of 2004 (Public Law 108-264), as pertains to HMGP Federal mitigation grant program.

PASSED by the City Council and signed by me in authentication of its passage this 11th day of May, 2020.

Michael Scott, Mayor

ATTEST:

Cynthia Alamillo, City Manager/Recorder



Statement of Assurances for Meeting the Non-Federal Cost Share

FEMA

Project Number: _____

Project Title: _____

Name of Project Sub-Applicant: _____

State Agency Administering Subapplication: _____

Source Entity	Source Program	Type	Value	Percentage
Federal Government		Cash		
State Government		Cash		
Total				

Details:

As the duly authorized representative of the sub-applicant, I certify that if this project is funded, the sub-applicant will provide the required non-federal cost share identified above in green to complete this project. I understand that even if multiple parties agree to contribute to the cost match that the Sub-grantee alone is ultimately responsible to the Grantee for meeting the non-federal cost share at the percentages shown above. I also understand that the FEMA and the Grantee are only bound to contribute the lessor of the Federal Share shown above or the Federal Share Percentage shown above. Additional Federal Share funding may be requested up to 75% of the total project cost, but receipt of such additional funding is not guaranteed.

Name and Title of Authorized Agent _____

Signature _____ **Date Signed** _____

DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency

**CERTIFICATIONS REGARDING LOBBYING; DEBARMENT, SUSPENSION
AND OTHER RESPONSIBILITY MATTERS; AND DRUG-FREE WORKPLACE
REQUIREMENTS**

O.M.B NO. 1660-0025
Expires September 30, 2017

PAPERWORK BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average 1.7 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing, and submitting the form. This collection of information is required to obtain or retain benefits. You are not required to submit to this collection of information unless it displays a valid OMB control number. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Department of Homeland Security, Federal Emergency Management Agency, 500 C Street SW, Washington, DC 20472-3100, and Paperwork Reduction Project (1660-0025). **NOTE: Do not send your completed form to this address.**

Applicants should refer to the regulations cited below to determine the certification to which they are required to attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature of this form provides for compliance with certification requirements under 44 CFR Part 18, "New Restrictions on Lobbying" and 28 CFR Part 17, "Government-wide Debarment and Suspension (Nonprocurement) and Government-wide Requirements for Drug-Free Workplace (Grants)." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Federal Emergency Management Agency (FEMA) determines to award the transaction, grant, or cooperative agreement.

1. LOBBYING

As required by section 1352, Title 31 of the U.S. Code, and implemented at 44 CFR Part 18, for persons entering into a grant or cooperating agreement over \$ 100,000, as defined at 44 CFR Part 18, the applicant certifies that:

(a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the making of any Federal grant, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal grant or cooperative agreement.

(b) If any other funds than Federal appropriated funds have been paid or will be paid to any other person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or an employee of Congress, or an employee of a member of Congress in connection with this Federal Grant or cooperative agreement, the undersigned shall complete and submit Stand Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

c) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subgrants, contracts under grants and cooperative agreements, and subcontracts) and that all subrecipients shall certify and disclose accordingly.

Standard Form-LLL "Disclosure of Lobbying Activities" attached

(This form must be attached to certification if non-appropriated funds are to be used to influence activities.)

**2. DEBARMENT, SUSPENSION, AND OTHER
RESPONSIBILITY MATTERS (DIRECT RECIPIENT)**

As required by Executive Order 12549, Debarment and Suspension, and implemented at 44 CFR Part 67, for prospective participants in primary covered transactions, as defined at 44 CFR Part 17, Section 17.510-A.

A. The applicant certifies that it and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency;

(b) Have not within a three-year period preceding this application been convicted of a or had a civilian judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or perform a public a public (Federal ,State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicted for otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1) (b) of this certification; and

(d) Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause of default; and

B. Where the applicant is unable to certify to any of the statements in this certification, he or she shall attach an explanation to this application.

**3. DRUG-FREE WORKPLACE (GRANTEE OTHER THAN
INDIVIDUALS)**

As required by the Drug-Free Workplace Act of 1988, and implemented at 44 CFR Part 17, Subpart F, for grantees, as defined at 44 CFR Part 17.615 and 17.620-

A. The applicant certifies that it will continue to provide a drug-free workplace by;

(a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;

(b) Establishing an on-going drug free awareness program to inform employees about-

(1) The dangers of drug abuse in the workplace;

(2) The grantee's policy of maintaining a drug-free workplace;

(3) Any available drug counseling, rehabilitation, and employee assistance programs; and

(4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;

(c) Making it a requirement that each employee to be engaged in the performance of the grant to be given a copy of the statement required by paragraph (a);

(d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will-

(1) Abide by the term of the statement; and

(2) Notify the employee in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such convictions;

(e) Notifying the agency, in writing, within 10 calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position, title, to the applicable FEMA awarding office, i.e., regional office or FEMA office.

(f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is convicted-

(1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation act of 1973, as amended; or

(2) Requiring such an employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;

(g) Making a good faith effort to continue to maintain a drug free workplace through implementation of paragraphs (a), (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, City, County, State, Zip code)

There are workplaces on file that are not identified

Sections 17.630 of the regulations provide that a grantee that is a State may elect to make one certification in each Federal fiscal year. A copy of which should be included with each application for FEMA funding. States and State agencies may elect to use a state wide certification.

Signature of Applicant Agent _____ Date: _____

Application for Advance Assistance

Hazard Mitigation Grant Program (HMGP) Advance Assistance Pilot Optional Application

The State of Oregon requests \$75,000 in Advance Assistance¹ for DR5285 pursuant to Section 1104 of the Sandy Recovery and Improvement Act (SRIA) of 2013 to accelerate implementation of the Hazard Mitigation Grant Program (HMGP). The State will use Advance Assistance to develop mitigation strategies and obtain data to prioritize, select and develop complete HMGP applications in a timely manner, as described in the Project Description (Work Scope) below.

Disaster and Project Number FM 5285 HMGP-Post Fire

Project Title: Advance Funding Request

Applicant City of Manzanita

Federal Information Processing Standard (FIPS) Code 41057 Tillamook County, OR

Applicant's Agent and Contact Information Dan Weitzel, Public Works Director, City of Manzanita, 1090 Oak St., P.O.Box 129, Manzanita OR, 97130, 503-368-5347, dweitzel@ci.manzanita.or.us

Project Description (Work Scope)

List proposed activities, estimated costs and deliverables. (See Advance Assistance Frequently Asked Questions for list of eligible activities).

Activity	Estimated Cost	Deliverable
1. Project Management	\$10,000	Client coordination, Progress Reports, Invoicing
2. Background and Research	\$15,000	Summary Memorandum
3. Evaluation of Alternatives	\$35,000	Alternatives Analysis Report
4. Draft/Final Feasibility Study Report	\$25,000	Draft and Final Feasibility Study Reports
5. Geotechnical Assessment	\$10,000	Technical Memorandum
6. GIS or Survey Mapping	\$5,000	Mapping
7.		
8.		
9.		
10.		
(Etc.)		

¹States may apply for up to 25 percent of the estimated total HMGP grant amount or \$10 million, whichever is less.

Work Schedule

Following is a schedule of proposed milestones by quarter for all major activities by which the State proposes to monitor progress for Advance Assistance:

Q1 (First Quarter Following Initial Approval)

Activity	Milestone	Deliverables
1. Project Management	December, 2020	Client coordination, Progress Reports, Invoicing
2. Background and Research	January, 2021	Summary Memorandum
3. Evaluation of Alternatives	March, 2021	Alternatives Analysis Report
4. Geotechnical Assessment	March, 2021	Technical Memorandum
5. GIS or Survey Mapping	March, 2021	Mapping
6. Draft/Final Feasibility Study Report	May, 2021	Draft and Final Feasibility Study Reports
7.		
8.		
9.		
10.		
(Etc.)		

Budget Information

Total Estimated Cost (Federal and non-Federal cost) \$100,000

Total Federal Cost \$75,000

Line Item Budget

The State may request that FEMA obligate Advance Assistance funds incrementally, based on when the State needs the funds. Please list the obligation schedule by activity below.

Activity	Initial Amount Requested	Second Amount Requested	Third Amount Requested	Total Requested
1. Project Management	\$10,000			\$10,000
2. Background and Research	\$15,000			\$15,000
3. Evaluation of Alternatives	\$35,000			\$35,000
4. Draft/Final Feasibility Study Report	\$25,000			\$25,000
5. Geotechnical Assessment	\$10,000			\$10,000

Activity	Initial Amount Requested	Second Amount Requested	Third Amount Requested	Total Requested
6. GIS or Survey Mapping	\$5,000			\$5,000
7.				
8.				
9.				
10.				

Additional Information Section

Provide any relevant information or explanation.

The City of Manzanita is located directly adjacent to the Pacific Ocean, making it particularly vulnerable to a Cascadia Subduction Zone (CSZ) seismic event. Hazards to the community include ground accelerations (shaking), tsunamis, landslides, and liquefaction. Combined, these hazards pose a very real and significant threat to the water delivery system, water storage tanks, and City recovery efforts. Built primarily on sandy soils, the City's three existing water storage tanks are highly susceptible to liquefaction and ground movement. Water Tank 3 is at the greatest risk for catastrophic failure due to its location adjacent to a steep slope. Commissioned geological assessments have suggested that even a smaller seismic event will potentially trigger slope failure. The remaining two reservoirs have significant collapse potential due to a lack of lateral reinforcing and the effects from ground subsidence. Additionally, the complex network of piping, connections, and valving between the three reservoirs creates additional vulnerability for community water storage and water delivery. Even if the reservoir structures were to survive, the contents are likely to spill as a result of sheared pipe connections or joint separations. Losing water storage severely impedes the City's ability for first response and recovery actions, such as firefighting and the ability to provide potable water for residents and critical facilities.

The proposed project will allow for the creation of a feasibility study detailing the replacement of the City's three existing water storage tanks. Because the existing groundwater wells and transmission line are vulnerable in the CSZ event, reservoir storage becomes the primary focus for resiliency and recovery. The replacement of existing tanks substantially increases the probability that there will be water storage to fight fires and provide emergency water for residents. The Oregon Resilience Plan (ORP) recommends that communities like Manzanita focus on improving the backbone of their water system. Reservoir storage is a key component of that backbone. The ORP states that the water delivery system should be capable of supplying key community needs, including fire suppression, health and emergency response, and community drinking water distribution points, while more wide-spread damage to the larger components of the system are being addressed. Water tanks 1 and 2 are in close proximity to downslope residential homes and pose a flooding and landslide danger to life and property during a CSZ event. Tank 3 represents a high risk to life and property during even a moderate seismic event.

