

Award Letter

U.S. Department of Homeland Security
Washington, D.C. 20472

Effective date: 09/20/2023



FEMA

Veronica Nordeen
CITY OF PORTLAND
1120 SW 5TH AVE ROOM 1040
PORTLAND, OR 97204

EMS-2023-CA-05004

Dear Veronica Nordeen,

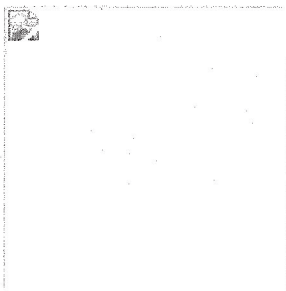
Congratulations on behalf of the Department of Homeland Security. Your application submitted for the Fiscal Year 2023 Cooperating Technical Partners (CTP) Program- Regional, has been approved in the amount of \$50,000.00 in Federal funding. This award of federal assistance is executed as a Cooperative Agreement.

Before you request and receive any of the Federal funds awarded to you, you must establish acceptance of the award through the FEMA Grants Outcomes (FEMA GO) system. By accepting this award, you acknowledge that the terms of the following documents are incorporated into the terms of your award:

- Award Summary - included in this document
- Agreement Articles - included in this document
- Obligating Document - included in this document
- FY23 Notice of Funding Opportunity (by reference); Scopes of Work/Mapping Activity Statement

Please make sure you read, understand, and maintain a copy of these documents in your official file for this award.

Sincerely,



Patrick Marcham
Grant Programs Division Director

Award Summary

Program: Fiscal Year 2023 Cooperating Technical Partners

Recipient: CITY OF PORTLAND

UEI-EFT: N5NMTXG2UE65

DUNS number: 054971197

Award number: EMS-2023-CA-05004

Summary description of award

The Cooperating Technical Partners (CTP) Program exists to strengthen and enhance the effectiveness of the National Flood Insurance Program (NFIP). The CTP Program supports efforts to Strengthen National Preparedness and Resilience, one of the main goals of the DHS 2020-2024 DHS Strategic Plan. Additionally, the program supports the National Mitigation Investment Strategy, a supporting document to Presidential Policy Directive (PPD-8) on National Preparedness and Strategic Goal One and Two of FEMA's Strategic Plan, Building a Culture of Preparedness and Readying the Nation for Catastrophic Disaster. It helps achieve these goals by fostering strong federal, state, tribal, regional and local partnerships to identify flood risks, reduce flood losses and promote community resiliency. The objectives of the CTP Program are to primarily support the mission and objectives of the NFIP's Flood Hazard Mapping Program through FEMA's flood hazard identification and risk assessment programs, including the Risk Mapping, Assessment and Planning (Risk MAP) initiative. The vision for Risk MAP is to deliver quality data that increases public awareness of flood hazard risk and leads to action that reduces flood risk to life and property. The CTP supports Risk MAP to develop flood hazard data and maps for communities that have never had identified risks as well as building on effective flood hazard data and flood insurance rate maps (FIRMS); increase public awareness of risk and potential mitigation options to reduce risk and better inform mitigation planning. Additional information about Risk MAP (including goals, strategies, progress and success stories), can be found on FEMA's website at Risk Mapping, Assessment and Planning (Risk MAP) | FEMA.gov. For additional information on the CTP Program, please visit the CTP Program website located at Cooperating Technical Partners Program | FEMA.gov.

Amount awarded table

The amount of the award is detailed in the attached Obligating Document for Award.

The following are the budgeted estimates for object classes for this award (including Federal share plus your cost share, if applicable):

Object Class	Total
Personnel	\$0.00
Fringe benefits	\$0.00
Travel	\$0.00
Equipment	\$0.00
Supplies	\$0.00
Contractual	\$50,000.00
Construction	\$0.00
Other	\$0.00
Indirect charges	\$0.00
Federal	\$50,000.00
Non-federal	\$0.00
Total	\$50,000.00
Program Income	\$0.00

Approved scope of work

After review of your application, FEMA has approved the below scope of work. Justifications are provided for any differences between the scope of work in the original application and the approved scope of work under this award. You must submit scope or budget revision requests for FEMA's prior approval, via an amendment request, as appropriate per 2 C.F.R. § 200.308 and the FY2023 CA NOFO.

Approved request details:

Project

Contractual

DESCRIPTION

Develop a scope of work for a new ESA-compliant FIRM that includes updating the hydraulic and hydrological model of the Johnson Creek watershed and supports a mitigation planning process to help identify effective and prioritized mitigation efforts throughout the 52-square mile basin.

	QUANTITY	UNIT PRICE	TOTAL	BUDGET CLASS
Cost 1	1	\$50,000.00	\$50,000.00	Contractual

Agreement Articles

Program: Fiscal Year 2023 Cooperating Technical Partners
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Article 1

Assurances, Administrative Requirements, Cost Principles, Representations and Certifications

I. DHS financial assistance recipients must complete either the Office of Management and Budget (OMB) Standard Form 424B Assurances – Non-Construction Programs, or OMB Standard Form 424D Assurances – Construction Programs, as applicable. Certain assurances in these documents may not be applicable to your program, and the DHS financial assistance office (DHS FAO) may require applicants to certify additional assurances. Applicants are required to fill out the assurances as instructed by the awarding agency. II. DHS financial assistance recipients are required to follow the applicable provisions of the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards located at Title 2, Code of Federal Regulations (C.F.R.) Part 200 and adopted by DHS at 2 C.F.R. Part 3002. III. By accepting this agreement, recipients, and their executives, as defined in 2 C.F.R. § 170.315, certify that their policies are in accordance with OMB's guidance located at 2 C.F.R. Part 200, all applicable federal laws, and relevant Executive guidance.

Article 2

General Acknowledgements and Assurances

All recipients, subrecipients, successors, transferees, and assignees must acknowledge and agree to comply with applicable provisions governing DHS access to records, accounts, documents, information, facilities, and staff. I. Recipients must cooperate with any DHS compliance reviews or compliance investigations conducted by DHS. II. Recipients must give DHS access to examine and copy records, accounts, and other documents and sources of information related to the federal financial assistance award and permit access to facilities or personnel. III. Recipients must submit timely, complete, and accurate reports to the appropriate DHS officials and maintain appropriate backup documentation to support the reports. IV. Recipients must comply with all other special reporting, data collection, and evaluation requirements, as prescribed by law, or detailed in program guidance. V. Recipients (as defined in 2 C.F.R. Part 200 and including recipients acting as pass-through entities) of federal financial assistance from DHS or one of its awarding component agencies must complete the DHS Civil Rights Evaluation Tool within thirty (30) days of receipt of the Notice of Award for the first award under which this term applies. Recipients of multiple awards of DHS financial assistance should only submit one completed tool for their organization, not per award. After the initial submission, recipients are required to complete the tool once every two (2) years if they have an active award, not every time an award is made. Recipients should submit the completed tool, including supporting materials, to CivilRightsEvaluation@hq.dhs.gov. This tool clarifies the civil rights obligations and related reporting requirements contained in the DHS Standard Terms and Conditions. Subrecipients are not required to complete and submit this tool to DHS. The evaluation tool can be found at <https://www.dhs.gov/publication/dhs-civil-rights-evaluation-tool>. DHS Civil Rights Evaluation Tool | Homeland Security. The DHS Office for Civil Rights and Civil Liberties will consider, in its discretion, granting an extension if the recipient identifies steps and a timeline for completing the tool. Recipients should request extensions by emailing the request to CivilRightsEvaluation@hq.dhs.gov prior to expiration of the 30-day deadline.

Article 3

Acknowledgement of Federal Funding from DHS

Recipients must acknowledge their use of federal funding when issuing statements, press releases, requests for proposal, bid invitations, and other documents describing projects or programs funded in whole or in part with federal funds.

Article 4

Activities Conducted Abroad

Recipients must ensure that project activities performed outside the United States are coordinated as necessary with appropriate government authorities and that appropriate licenses, permits, or approvals are obtained.

Article 5**Age Discrimination Act of 1975**

Recipients must comply with the requirements of the Age Discrimination Act of 1975, Public Law 94-135 (1975) (codified as amended at Title 42, U.S. Code, § 6101 et seq.), which prohibits discrimination on the basis of age in any program or activity receiving federal financial assistance.

Article 6**Americans with Disabilities Act of 1990**

Recipients must comply with the requirements of Titles I, II, and III of the Americans with Disabilities Act, Pub. L. 101-336 (1990) (codified as amended at 42 U.S.C. §§ 12101– 12213), which prohibits recipients from discriminating on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities.

Article 7**Best Practices for Collection and Use of Personally Identifiable Information**

Recipients who collect personally identifiable information (PII) are required to have a publicly available privacy policy that describes standards on the usage and maintenance of the PII they collect. DHS defines PII as any information that permits the identity of an individual to be directly or indirectly inferred, including any information that is linked or linkable to that individual. Recipients may also find the DHS Privacy Impact Assessments: Privacy Guidance and Privacy Template as useful resources respectively.

Article 8**Civil Rights Act of 1964 – Title VI**

Recipients must comply with the requirements of Title VI of the Civil Rights Act of 1964 (codified as amended at 42 U.S.C. § 2000d et seq.), which provides that no person in the United States will, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance. DHS implementing regulations for the Act are found at 6 C.F.R. Part 21 and 44 C.F.R. Part 7.

Article 9**Civil Rights Act of 1968**

Recipients must comply with Title VIII of the Civil Rights Act of 1968, Pub. L. 90-284, as amended through Pub. L. 113-4, which prohibits recipients from discriminating in the sale, rental, financing, and advertising of dwellings, or in the provision of services in connection therewith, on the basis of race, color, national origin, religion, disability, familial status, and sex (see 42 U.S.C. § 3601 et seq.), as implemented by the U.S. Department of Housing and Urban Development at 24 C.F.R. Part 100. The prohibition on disability discrimination includes the requirement that new multifamily housing with four or more dwelling units—i.e., the public and common use areas and individual apartment units (all units in buildings with elevators and ground-floor units in buildings without elevators)—be designed and constructed with certain accessible features. (See 24 C.F.R. Part 100, Subpart D.)

Article 10 Copyright

Recipients must affix the applicable copyright notices of 17 U.S.C. §§ 401 or 402 and an acknowledgement of U.S. Government sponsorship (including the award number) to any work first produced under federal financial assistance awards.

Article 11 Debarment and Suspension

Recipients are subject to the non-procurement debarment and suspension regulations implementing Executive Orders (E.O.) 12549 and 12689, which are at 2 C.F.R. Part 180 as adopted by DHS at 2 C.F.R. Part 3002. These regulations restrict federal financial assistance awards, subawards, and contracts with certain parties that are debarred, suspended, or otherwise excluded from or ineligible for participation in federal assistance programs or activities.

Article 12 Drug-Free Workplace Regulations

Recipients must comply with drug-free workplace requirements in Subpart B (or Subpart C, if the recipient is an individual) of 2 C.F.R. Part 3001, which adopts the Government-wide implementation (2 C.F.R. Part 182) of Sec. 5152-5158 of the Drug-Free Workplace Act of 1988 (41 U.S.C. §§ 8101-8106).

Article 13 Duplication of Benefits

Any cost allocable to a particular federal financial assistance award provided for in 2 C.F.R. Part 200, Subpart E may not be charged to other federal financial assistance awards to overcome fund deficiencies; to avoid restrictions imposed by federal statutes, regulations, or federal financial assistance award terms and conditions; or for other reasons. However, these prohibitions would not preclude recipients from shifting costs that are allowable under two or more awards in accordance with existing federal statutes, regulations, or the federal financial assistance award terms and conditions may not be charged to other federal financial assistance awards to overcome fund deficiencies; to avoid restrictions imposed by federal statutes, regulations, or federal financial assistance award terms and conditions; or for other reasons.

Article 14 Education Amendments of 1972 (Equal Opportunity in Education Act) – Title IX

Recipients must comply with the requirements of Title IX of the Education Amendments of 1972, Pub. L. 92-318 (1972) (codified as amended at 20 U.S.C. § 1681 et seq.), which provide that no person in the United States will, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving federal financial assistance. DHS implementing regulations are codified at 6 C.F.R. Part 17 and 44 C.F.R. Part 19.

- Article 15** **E.O. 14074 – Advancing Effective, Accountable Policing and Criminal Justice Practices to Enhance Public Trust and Public Safety**
Recipient State, Tribal, local, or territorial law enforcement agencies must comply with the requirements of section 12(c) of E.O. 14074. Recipient State, Tribal, local, or territorial law enforcement agencies are also encouraged to adopt and enforce policies consistent with E.O. 14074 to support safe and effective policing.
- Article 16** **Energy Policy and Conservation Act**
Recipients must comply with the requirements of the Energy Policy and Conservation Act, Pub. L. 94- 163 (1975) (codified as amended at 42 U.S.C. § 6201 et seq.), which contain policies relating to energy efficiency that are defined in the state energy conservation plan issued in compliance with this Act.
- Article 17** **False Claims Act and Program Fraud Civil Remedies**
Recipients must comply with the requirements of the False Claims Act, 31 U.S.C. §§3729- 3733, which prohibit the submission of false or fraudulent claims for payment to the Federal Government. (See 31 U.S.C. §§ 3801-3812, which details the administrative remedies for false claims and statements made.)
- Article 18** **Federal Debt Status**
All recipients are required to be non-delinquent in their repayment of any federal debt. Examples of relevant debt include delinquent payroll and other taxes, audit disallowances, and benefit overpayments. (See OMB Circular A-129.)
- Article 19** **Federal Leadership on Reducing Text Messaging while Driving**
Recipients are encouraged to adopt and enforce policies that ban text messaging while driving as described in E.O. 13513, including conducting initiatives described in Section 3(a) of the Order when on official government business or when performing any work for or on behalf of the Federal Government.
- Article 20** **Fly America Act of 1974**
Recipients must comply with Preference for U.S. Flag Air Carriers (air carriers holding certificates under 49 U.S.C.) for international air transportation of people and property to the extent that such service is available, in accordance with the International Air Transportation Fair Competitive Practices Act of 1974, 49 U.S.C. § 40118, and the interpretative guidelines issued by the Comptroller General of the United States in the March 31, 1981, amendment to Comptroller General Decision B-138942.

Article 21 Hotel and Motel Fire Safety Act of 1990

Recipients must ensure that all conference, meeting, convention, or training space funded in whole or in part with federal funds complies with the fire prevention and control guidelines of Section 6 of the Hotel and Motel Fire Safety Act of 1990, 15 U.S.C. § 2225a

Article 22 John S. McCain National Defense Authorization Act of Fiscal Year 2019

Recipients, subrecipients, and their contractors and subcontractors are subject to the prohibitions described in section 889 of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. No. 115-232 (2018) and 2 C.F.R. §§ 200.216, 200.327, 200.471, and Appendix II to 2 C.F.R. Part 200. Beginning August 13, 2020, the statute – as it applies to DHS recipients, subrecipients, and their contractors and subcontractors – prohibits obligating or expending federal award funds on certain telecommunications and video surveillance products and contracting with certain entities for national security reasons

Article 23 Limited English Proficiency (Civil Rights Act of 1964, Title VI)

Recipients must comply with Title VI of the Civil Rights Act of 1964, (42 U.S.C. § 2000d et seq.) prohibition against discrimination on the basis of national origin, which requires that recipients of federal financial assistance take reasonable steps to provide meaningful access to persons with limited English proficiency (LEP) to their programs and services. For additional assistance and information regarding language access obligations, please refer to the DHS Recipient Guidance: <https://www.dhs.gov/guidance-published-help-department-supported-organizations-provide-meaningful-access-people-limited> and additional resources on <http://www.lep.gov>.

Article 24 Lobbying Prohibitions

Recipients must comply with 31 U.S.C. § 1352, which provides that none of the funds provided under a federal financial assistance award may be expended by the recipient to pay any person to influence, or attempt 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 any federal action related to a federal award or contract, including any extension, continuation, renewal, amendment, or modification.

Article 25**National Environmental Policy Act**

Recipients must comply with the requirements of the National Environmental Policy Act of 1969, (NEPA) Pub. L. 91-190 (1970) (codified as amended at 42 U.S.C. § 4321 et seq. and the Council on Environmental Quality (CEQ) Regulations for Implementing the Procedural Provisions of NEPA, which require recipients to use all practicable means within their authority, and consistent with other essential considerations of national policy, to create and maintain conditions under which people and nature can exist in productive harmony and fulfill the social, economic, and other needs of present and future generations of Americans

Article 26**Nondiscrimination in Matters Pertaining to Faith-Based Organizations**

It is DHS policy to ensure the equal treatment of faith-based organizations in social service programs administered or supported by DHS or its component agencies, enabling those organizations to participate in providing important social services to beneficiaries. Recipients must comply with the equal treatment policies and requirements contained in 6 C.F.R. Part 19 and other applicable statutes, regulations, and guidance governing the participations of faith-based organizations in individual DHS programs.

Article 27**Non-Supplanting Requirement**

Recipients receiving federal financial assistance awards made under programs that prohibit supplanting by law must ensure that federal funds do not replace (supplant) funds that have been budgeted for the same purpose through non-federal sources.

Article 28**Notice of Funding Opportunity Requirements**

All the instructions, guidance, limitations, and other conditions set forth in the Notice of Funding Opportunity (NOFO) for this program are incorporated here by reference in the award terms and conditions. All recipients must comply with any such requirements set forth in the program NOFO.

Article 29**Patents and Intellectual Property Rights**

Recipients are subject to the Bayh-Dole Act, 35 U.S.C. § 200 et seq, unless otherwise provided by law. Recipients are subject to the specific requirements governing the development, reporting, and disposition of rights to inventions and patents resulting from federal financial assistance awards located at 37 C.F.R. Part 401 and the standard patent rights clause located at 37 C.F.R. § 401.14.

Article 30**Procurement of Recovered Materials**

States, political subdivisions of states, and their contractors must comply with Section 6002 of the Solid Waste Disposal Act, Pub. L. 89-272 (1965), (codified as amended by the Resource Conservation and Recovery Act, 42 U.S.C. § 6962.) The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 C.F.R. Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition.

Article 31**Rehabilitation Act of 1973**

Recipients must comply with the requirements of Section 504 of the Rehabilitation Act of 1973, Pub. L. 93-112 (1973), (codified as amended at 29 U.S.C. § 794,) which provides that no otherwise qualified handicapped individuals in the United States will, solely by reason of the handicap, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.

Article 32**Reporting of Matters Related to Recipient Integrity and Performance**

General Reporting Requirements: If the total value of any currently active grants, cooperative agreements, and procurement contracts from all federal awarding agencies exceeds \$10,000,000 for any period of time during the period of performance of this federal award, then the recipients must comply with the requirements set forth in the government-wide Award Term and Condition for Recipient Integrity and Performance Matters located at 2 C.F.R. Part 200, Appendix XII, the full text of which is incorporated here by reference in the award terms and conditions.

Article 33**Reporting Subawards and Executive Compensation**

Reporting of first tier subawards. Recipients are required to comply with the requirements set forth in the government-wide award term on Reporting Subawards and Executive Compensation located at 2 C.F.R. Part 170, Appendix A, the full text of which is incorporated here by reference in the award terms and conditions.

Article 34**Required Use of American Iron, Steel, Manufactured Products, and Construction Materials**

Recipients must comply with the "Build America, Buy America" provisions of the Infrastructure Investment and Jobs Act and E.O. 14005. Recipients of an award of Federal financial assistance from a program for infrastructure are hereby notified that none of the funds provided under this award may be used for a project for infrastructure unless: (1) all iron and steel used in the project are produced in the United States--this means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States; (2) all manufactured products used in the project are produced in the United States--this means the manufactured product was

manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation; and (3) all construction materials are manufactured in the United States—this means that all manufacturing processes for the construction material occurred in the United States. The Buy America preference only applies to articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought to the construction site and removed at or before the completion of the infrastructure project. Nor does a Buy America preference apply to equipment and furnishings, such as movable chairs, desks, and portable computer equipment, that are used at or within the finished infrastructure project but are not an integral part of the structure or permanently affixed to the infrastructure project. Waivers When necessary, recipients may apply for, and the agency may grant, a waiver from these requirements. Information on the process for requesting a waiver from these requirements is on the website below. (a) When the federal agency has made a determination that one of the following exceptions applies, the awarding official may waive the application of the domestic content procurement preference in any case in which the agency determines that: (1) applying the domestic content procurement preference would be inconsistent with the public interest; (2) the types of iron, steel, manufactured products, or construction materials are not produced in the United States in sufficient and reasonably available quantities or of a satisfactory quality; or (3) the inclusion of iron, steel, manufactured products, or construction materials produced in the United States will increase the cost of the overall project by more than 25 percent. A request to waive the application of the domestic content procurement preference must be in writing. The agency will provide instructions on the format, contents, and supporting materials required for any waiver request. Waiver requests are subject to public comment periods of no less than 15 days and must be reviewed by the Made in America Office. There may be instances where an award qualifies, in whole or in part, for an existing waiver described at “Buy America” Preference in FEMA Financial Assistance Programs for Infrastructure | FEMA.gov. The awarding Component may provide specific instructions to Recipients of awards from infrastructure programs that are subject to the “Build America, Buy America” provisions. Recipients should refer to the Notice of Funding Opportunity for further information on the Buy America preference and waiver process.

Article 35

SAFECOM

Recipients receiving federal financial assistance awards made under programs that provide emergency communication equipment and its related activities must comply with the SAFECOM Guidance for Emergency Communication Grants, including provisions on technical standards that ensure and enhance interoperable communications.

Article 36 Terrorist Financing

Recipients must comply with E.O. 13224 and U.S. laws that prohibit transactions with, and the provisions of resources and support to, individuals and organizations associated with terrorism. Recipients are legally responsible to ensure compliance with the Order and laws.

Article 37 Trafficking Victims Protection Act of 2000 (TVPA)

Trafficking in Persons. Recipients must comply with the requirements of the government-wide financial assistance award term which implements Section 106 (g) of the Trafficking Victims Protection Act of 2000 (TVPA), codified as amended at 22 U.S.C. § 7104. The award term is located at 2 C.F.R. § 175.15, the full text of which is incorporated here by reference.

Article 38 Universal Identifier and System of Award Management

Requirements for System for Award Management and Unique Entity Identifier
Recipients are required to comply with the requirements set forth in the government-wide financial assistance award term regarding the System for Award Management and Universal Identifier Requirements located at 2 C.F.R. Part 25, Appendix A, the full text of which is incorporated here by reference.

Article 39 USA PATRIOT Act of 2001

Recipients must comply with requirements of Section 817 of the Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism Act of 2001 (USA PATRIOT Act), which amends 18 U.S.C. §§ 175-175c.

Article 40 Use of DHS Seal, Logo and Flags

Recipients must obtain permission from their DHS FAO prior to using the DHS seal(s), logos, crests or reproductions of flags or likenesses of DHS agency officials, including use of the United States Coast Guard seal, logo, crests or reproductions of flags or likenesses of Coast Guard officials.

Article 41 Whistleblower Protection Act

Recipients must comply with the statutory requirements for whistleblower protections (if applicable) at 10 U.S.C § 2409, 41 U.S.C. § 4712, and 10 U.S.C. § 2324, 41 U.S.C. §§ 4304 and 4310.

Article 42**Environmental Planning and Historic Preservation (EHP) Review**

DHS/FEMA funded activities that may require an Environmental Planning and Historic Preservation (EHP) review are subject to the FEMA EHP review process. This review does not address all federal, state, and local requirements. Acceptance of federal funding requires the recipient to comply with all federal, state and local laws. DHS/FEMA is required to consider the potential impacts to natural and cultural resources of all projects funded by DHS/FEMA grant funds, through its EHP review process, as mandated by: the National Environmental Policy Act; National Historic Preservation Act of 1966, as amended; National Flood Insurance Program regulations; and any other applicable laws and executive orders. General guidance for FEMA's EHP process is available on the DHS/FEMA Website at:

<https://www.fema.gov/grants/guidance-tools/environmental-historic>. Specific applicant guidance on how to submit information for EHP review depends on the individual grant program and applicants should contact their grant Program Officer to be put into contact with EHP staff responsible for assisting their specific grant program. The EHP review process must be completed before funds are released to carry out the proposed project; otherwise, DHS/FEMA may not be able to fund the project due to noncompliance with EHP laws, executive orders, regulations, and policies. If ground disturbing activities occur during construction, applicant will monitor ground disturbance, and if any potential archaeological resources are discovered the applicant will immediately cease work in that area and notify the pass-through entity, if applicable, and DHS/FEMA.

Article 43**Applicability of DHS Standard Terms and Conditions to Tribes**

The DHS Standard Terms and Conditions are a restatement of general requirements imposed upon recipients and flow down to sub-recipients as a matter of law, regulation, or executive order. If the requirement does not apply to Indian tribes or there is a federal law or regulation exempting its application to Indian tribes, then the acceptance by Tribes of, or acquiescence to, DHS Standard Terms and Conditions does not change or alter its inapplicability to an Indian tribe. The execution of grant documents is not intended to change, alter, amend, or impose additional liability or responsibility upon the Tribe where it does not already exist.

Article 44**Acceptance of Post Award Changes**

In the event FEMA determines that an error in the award package has been made, or if an administrative change must be made to the award package, recipients will be notified of the change in writing. Once the notification has been made, any subsequent requests for funds will indicate recipient acceptance of the changes to the award. Please call FEMA Grant Management Operations at (866) 927-5646 or via e-mail to: ASK-GMD@fema.dhs.gov if you have any questions.

Article 45**Disposition of Equipment Acquired Under the Federal Award**

For purposes of original or replacement equipment acquired under this award by a non-state recipient or non-state sub-recipients, when that equipment is no longer needed for the original project or program or for other activities currently or previously supported by a federal awarding agency, you must request instructions from FEMA to make proper disposition of the equipment pursuant to 2 C.F.R. section 200.313. State recipients and state sub-recipients must follow the disposition requirements in accordance with state laws and procedures.

Article 46**Prior Approval for Modification of Approved Budget**

Before making any change to the FEMA approved budget for this award, you must request prior written approval from FEMA where required by 2 C.F.R. section 200.308. For purposes of non-construction projects, FEMA is utilizing its discretion to impose an additional restriction under 2 C.F.R. section 200.308(f) regarding the transfer of funds among direct cost categories, programs, functions, or activities. Therefore, for awards with an approved budget where the federal share is greater than the simplified acquisition threshold (currently \$250,000), you may not transfer funds among direct cost categories, programs, functions, or activities without prior written approval from FEMA where the cumulative amount of such transfers exceeds or is expected to exceed ten percent (10%) of the total budget FEMA last approved. For purposes of awards that support both construction and non-construction work, FEMA is utilizing its discretion under 2 C.F.R. section 200.308(h)(5) to require the recipient to obtain prior written approval from FEMA before making any fund or budget transfers between the two types of work. You must report any deviations from your FEMA approved budget in the first Federal Financial Report (SF-425) you submit following any budget deviation, regardless of whether the budget deviation requires prior written approval.

Article 47**Indirect Cost Rate**

2 C.F.R. section 200.211(b)(15) requires the terms of the award to include the indirect cost rate for the federal award. If applicable, the indirect cost rate for this award is stated in the budget documents or other materials approved by FEMA and included in the award file.

Article 48**Performance Measure Requirements**

The CTP program supports the mission and objectives of the NFIP's Flood Hazard Mapping Program through FEMA's flood hazard identification and risk assessment programs, including the Risk Mapping, Assessment and Planning (Risk MAP) initiative. The vision for Risk MAP is to deliver quality data that increases public awareness of flood hazard risk and leads to action that reduces flood risk to life and property. The CTP supports Risk MAP by developing flood hazard data and maps for communities that have never had identified risks as well as building on effective flood hazard data and flood insurance rate maps (FIRMS); increasing public awareness of risk and supporting potential mitigation options to reduce risk and better inform mitigation planning. The recipient will identify performance measures based on Appendix D: Performance Measure References of the NOFO. FEMA measures the recipient's performance of the cooperative agreement by comparing the input of federal resources used to develop and deliver the Allowable Activities selected for implementation by the recipient, and the specific outcomes and performance measures detailed in the recipient's scopes of work based on the NOFO (as set forth in this agreement). This ensures that grants recipients deliver on the timeliness, adherence to standards, fiscal responsibility and quality issues associated with projects.

Article 49**Data Entry in the Mapping Information Platform (MIP)**

Recipients must meet certain performance progress standards based on the anticipated and actual cost and schedule of a particular project, as documented in the Mapping Activity Statement (MAS) and/or Scope of Work (SOW). The MIP was developed in part to track the earned value of mapping projects, which represents one of the performance standards (outlined in Section F: Federal Award Administration Information of this FY 2022 CTP NOFO) to which a recipient must adhere. This information is automatically calculated by the MIP, using the actual cost and schedule of work performed, or "actuals", and comparing them to the expected cost and schedule of work performed, or "baseline." In order to receive access to the MIP and other Risk Analysis Management Systems, the CTP must have an executed active Information Sharing Access Agreement (ISAA). Once FEMA has issued a cooperative agreement, the baseline for the project will be established in the MIP using the cost and schedule information for each task as agreed upon by FEMA and the recipient. The MIP study workflow generally allows a mapping partner to enter data on the status of these projects at a task level. The cost and schedule information, updated monthly by the recipient for each task, is compared to the baseline established for those tasks. This information is rolled up on a project level basis and monitored by FEMA to assess progress and earned value. The Cost Performance Index (CPI) and the Schedule Performance Index (SPI) in MIP will be used to monitor a recipient's earned value performance and to determine future funding eligibility. Recipients must adhere to the performance requirements by maintaining a 0.92 score for both CPI and SPI. The recipient is required to report on the earned value of projects that are in the MIP on a monthly basis and must give explanations for variances outside of the tolerance defined above. FEMA Regional Offices must implement a Corrective Action Plan (CAP) when a CTP partner is outside of the tolerance for reasons other than third-party delay. A CAP must define the reason for the variance and the intended resolution. FEMA Regional Offices must coordinate with FEMA Headquarters when CAPs are developed.

Article 50**Quality Assurance and Control**

Recipients will coordinate with FEMA to maintain quality assurance and control of deliverables and ensure accountability for appropriate use of CTP Program funds. Recipients are required to develop and provide a quality assurance and control management plan or other performance documentation as described and agreed to in the MAS and/or SOW. All work must meet the requirements as defined by FEMA's Standards for Flood Risk Analysis and Mapping, Revision 13, dated January 2023 located on FEMA's website at <https://www.fema.gov/flood-maps/guidance-reports/guidelines-standards/standards-flood-risk-analysis-and-mapping-public-review>. Additional information, along with links to guidance documents, technical references, templates, and other resources that support these standards, may be found on the FEMA Guidelines and Standards website at <https://www.fema.gov/guidelines-and-standards-flood-risk-analysis-and-mapping>, and are also provided and updated through FEMA's Knowledge Sharing Site (<https://rmd.msc.fema.gov/kss/SitePages/Home.aspx>). FEMA is in the process of updating existing guidance. In the meantime, recipients may refer to historical documents for assistance. Additionally, recipients and their sub recipients must comply with all applicable federal regulations, including Title 2 Code of Federal Regulations Part 200. Recipients shall also coordinate with their Regional Office to determine additional standards that should be met. To ensure compliance with quality standards and performance metrics, FEMA may require the recipient to use the reimbursement method of payment. Where FEMA determines it necessary to do so, payments will be placed on hold in PARS until progress reports are current and FEMA has confirmed deliverables comply with National Quality Standards.

Article 51**Exceptions to tasks not able to be conducted or tracked in the MIP**

a) Letter of Map Revision Review Cost information is not available within the MIP for activities within the Revisions workflow for processing Letter of Map Revision (LOMR) requests under the LOMR Review MAS. However, schedule information in the form of reports showing case status and other performance requirements is available through the MIP. For partners participating in the LOMR Review activity, status reports must be submitted on a monthly basis, at a minimum. Cost and schedule performance measures must be defined and reported on a quarterly basis. LOMR Review recipients should coordinate with the FEMA Regional and HQ Project Officer to develop appropriate performance measures which will be used to monitor partner performance and determine future funding eligibility are identified in the MAS/SOW. b) Program Management As program management tasks may not be tracked with earned value calculations in the MIP, cost and schedule performance measures must be defined and documented in the SOW. These measures must be reported quarterly and will be used to monitor the recipient's performance and to determine future funding eligibility. At such time as program management tasks are added to the MIP, the recipient will need to begin tracking the tasks within the MIP. c) Special Projects As special projects are not conducted in the MIP, cost, and schedule performance measures must be defined and documented in the SOW or MAS. These measures must be reported quarterly and will be used to monitor the recipient's performance and to determine future funding eligibility.

Obligating document

1. Agreement No. EMS-2023-CA-05004	2. Amendment No. N/A	3. Recipient No. 936002236	4. Type of Action AWARD	5. Control No. SX00390N2023T-001
6. Recipient Name and Address CITY OF PORTLAND 1221 SW 4TH AVE PORTLAND, OR 97204	7. Issuing FEMA Office and Address FEMA Region X 130 228th Street, S.W. Bothell, Washington 98021-9796 425-487-4600		8. Payment Office and Address FEMA, Financial Services Branch 500 C Street, S.W., Room 723 Washington DC, 20742	
9. Name of Recipient Project Officer Veronica Nordeen	9a. Phone No. 5038236862	10. Name of FEMA Project Coordinator Cooperating Technical Partners Grant Program		10a. Phone No. 1-877-585-3242
11. Effective Date of This Action 09/20/2023	12. Method of Payment OTHER - FEMA GO	13. Assistance Arrangement COST SHARING	14. Performance Period 09/20/2023 to 10/19/2027 Budget Period 09/20/2023 to 10/19/2027	

15. Description of Action a. (Indicate funding data for awards or financial changes)

Program Name Abbreviation	Assistance Listing No.	Accounting Data (ACCS Code)	Prior Total Award	Amount Awarded This Action + or (-)	Current Total Award	Cumulative Non-Federal Commitment
CTP	97.045	2023-FX- GL05 - R102-xxxx- 4101-D	\$0.00	\$50,000.00	\$50,000.00	See Totals
Totals			\$0.00	\$50,000.00	\$50,000.00	\$0.00

b. To describe changes other than funding data or financial changes, attach schedule and check here:

N/A

~~16. FOR NON-DISASTER PROGRAMS: RECIPIENT IS REQUIRED TO SIGN AND RETURN THREE (3) COPIES OF THIS DOCUMENT TO FEMA (See Block 7 for address)~~

This field is not applicable for digitally signed grant agreements

17. RECIPIENT SIGNATORY OFFICIAL (Name and Title)	DATE
18. FEMA SIGNATORY OFFICIAL (Name and Title)	DATE
Patrick Marcham, Grant Programs Division Director	09/20/2023

EXECUTIVE SUMMARY

FY23 FEMA REGION 10 CTP GRANT OPPORTUNITY

The following entities are eligible for funding under the CTP Program:

- State, County, City, or special district governments
- Federally recognized Native American tribal governments
- Nonprofits with 501(c)(3) IRS status
- Institutions of higher education
- Public Housing Authorities/Indian housing authorities

Non-Allowable Costs associated with the CTP Program:

- Update all or a portion of a mitigation plan
- Develop actual construction designs for specific projects
- Equipment and software costs
- Exercise costs
- International travel
- Operational overtime costs
- Construction and renovation costs

Project Background

Project Title:

Johnson Creek Model Update

Project Area:

Please provide a brief geographic description (e.g. watershed, county, tribe, or community name) along with a map graphic if possible.

Johnson Creek Watershed, Portland, OR, with portions in Multnomah and Clackamas Counties.

Project Summary

Summarize the Project Description:

Update the hydrological and hydraulics model of the Johnson Creek Watershed to better understand and predict flood impacts to residents; improve flood alert and warning; inform updates to floodplain regulations; identify most impactful mitigation opportunities.

Please see the table on page 5 for a description of the specific model outputs available depending on level of investment.

Summarize the anticipated Project Outcomes, Benefits, and Mitigation Opportunities:

EXECUTIVE SUMMARY

FY23 FEMA REGION 10 CTP GRANT OPPORTUNITY

The Johnson Creek watershed is an urbanized watershed in Portland, OR. It flows through many public parks and natural areas, diverse neighborhoods, and commercial areas. It provides some of the highest rated habitat for Endangered Species Act listed salmon and steelhead in the City of Portland, and it provides habitat for Pacific lamprey, a culturally significant species for Native American Tribes.

Johnson Creek has some level of flooding most years. Flooding along Johnson Creek displaces houseless campers, who face significant risk. Portland Fire and Rescue has assisted houseless people using swift water rescue techniques on at least two occasions, and campers have reported other near drownings. Johnson Creek flooding also leads to basement flooding, primarily in low-income neighborhoods. When flooding is more severe, flooding impacts additional houses and commercial/industrial development, such as gas stations, parking lots, and an auto junk yard. Flooding sometimes closes roads, including Foster Road, a major thoroughfare. Flooding also degrades fish and wildlife habitat through erosion, habitat degradation, water quality impairments, and stranding of fish species.

Johnson Creek has benefitted by past floodplain restoration projects. These projects have reduced flooding and improved the hydrology and water quality of the creek. They also provide demonstrable habitat improvements for fish and wildlife. However, the combination of flood restoration, new development, and emerging climate change mean that flood forecasting along Johnson Creek is less accurate than it once was - precisely when development regulations and emergency management responses need to be strengthened.

We propose updating the hydraulic and hydrological model of Johnson Creek watershed. The project would have the following benefits:

- Improve alert and warning for flood events, especially for houseless populations (outreach workers alert houseless campers when flooding is predicted). Immediate impact.
- Improve targeted outreach to housed residents who may experience flooding. Immediate impact.
- Allow accurate and targeted strengthening of development codes while supporting additional mitigation tools and opportunities. Immediate and long-term impact.
- Permit the City to plan future flood mitigation and restoration projects for greatest effectiveness and maximum risk reduction. Medium to long term impact.
- Advance implementation of mapping requirements of the FEMA BiOp by developing model parameters that reflect best available flow frequency data that includes climate change.

The City has a strong record of floodplain mitigation along Johnson Creek. The data from a new floodplain model would yield actionable data for emergency responders, outreach workers, and floodplain managers.

Meeting the Needs (explain the following)

Identify local advocacy for the proposed project. Advocacy should include local stakeholders or departments who have requested assistance. Please attach any letters of support to the back of this summary:

City of Portland (this project is supported by multiple bureaus, including Emergency Management, Environmental Services, Development Services, and Fire and Rescue)

Multnomah County Emergency Management

Clackamas County Emergency Management

Johnson Creek Watershed Council

Identify how this project will advance or inform mitigation activities to reduce risk to people and property:

EXECUTIVE SUMMARY

FY23 FEMA REGION 10 CTP GRANT OPPORTUNITY

Better understanding the hydrology of Johnson Creek will increase our ability to regulate development in the floodplain effectively; increase our ability to identify effective mitigation opportunities; increase our ability to plan for the safety of residents, including houseless campers, and lead to better compliance with other federal laws like the Endangered Species Act and Clean Water Act.

How does this project support the FEMA [2022-2026 Strategic Plan](#)? Please provide any direct linkages between this project and FEMA's strategic goals:

FEMA's three goals in the 2022-2026 Strategic Plan are directly supported by this project.

- 1) Instill equity as the foundation of environmental management: This project will directly support the emergency response for the most vulnerable populations of Portland, those without permanent housing and living in the floodplain. Beyond the houseless, more people (approx. 10,000) live in the Johnson Creek floodplain than any other floodplain system in Portland, 47% of which are low income and nearly 40% of which are renters. Johnson Creek has the highest percentage (37%) of people of color living in the floodplain in Portland.
- 2) Lead whole of community in climate resilience: Johnson Creek has the flattest landscape vulnerable to flooding, does not have any active flood management system, and has the city's highest percentage of at or below poverty families living in the floodplain. This makes it extremely vulnerable to even the smallest changes in precipitation and development patterns that will exacerbate flood risks. Using the best available climate models, including recent studies commissioned by the City of Portland, to inform flood mapping will allow for improved development code, public support of mitigation strategies and opportunities, and prevent any "blue-lining" in the housing market by ensuring transparency and accuracy in real estate transactions.
- 3) Promote and Sustain a ready FEMA and Prepared Nation: Johnson Creek has no active flood management/flood abatement system in place which means that development regulations, floodplain restoration using nature-based solutions, upgrading undersized and at-risk infrastructure, and transparent risk communication are the primary tools to reduce future flood disaster emergencies including loss of life and property. These depend on accurate, current science to inform flood models.

Is there a Risk MAP project currently in-progress, planned, or completed in the study area? *A Risk MAP project would entail new or updated flood mapping activity sponsored by the NFIP. Please see the FEMA Region 10 web map ([link](#)) for Risk MAP Status. If yes, please describe below.*

NO

Will this project help advance FEMA's efforts to support historically underserved communities and/or equitable outcomes for community hazard resilience? *If yes, please describe below.*

YES

The communities that will receive the most immediate benefit from this project will be houseless residents, who are very underserved and face the most extreme risks from flood. Reductions in flood risk through improved zoning and development requirements and prioritization of floodplain restoration projects and other advanced flood mitigation strategies will reduce the flood insurance burden on the highest percentages of low-income households, renters, and people of color living in the floodplain in Portland.

Will this project help advance the understanding or communication of climate change impacts, future conditions, climate mitigation actions, or climate adaptation to enhance resilience for communities? *If yes, please describe below.*

YES

EXECUTIVE SUMMARY

FY23 FEMA REGION 10 CTP GRANT OPPORTUNITY

In 2020, Portland commissioned a study with the University of Washington that modeled a significant increase in the duration and frequency of extreme precipitation events, <https://cig.uw.edu/projects/heavy-precipitation-projections-for-use-in-stormwater-planning/>, but we have not been able to apply these findings to the extent and depth of flooding especially in Johnson Creek which is highly sensitive to smaller precipitation events. An updated H&H analysis will allow us to use these expected changes to do scenario and sensitivity analyses to identify which parts of the watershed are most vulnerable to climatic changes and where the City needs to prioritize investment in aggressive mitigation and emergency management strategies.

Relevant Experience

Describe relevant experience working on FEMA or other Federal grants, including, but not limited to, technical experience, cost control, quality, and compliance with performance and reporting schedules:

The City of Portland has received extensive federal grants and federal funding for stream restoration projects. An important project along the Johnson Creek main stem was creation of the Foster Floodplain Natural Area. Working from 1997 to 2012 through a Willing Seller Acquisition Program, the City of Portland purchased land from 60 families and helped them move out of the 100-year floodplain. Restoration of the 63-acre site gradually transformed a flood-prone neighborhood into a public natural area. \$2.7 million of the project was funded through the PDM grant program, with other funding from federal community block grants and Portland stormwater funds. This project is often cited as a case study in successful urban floodplain restoration: <https://bit.ly/3Dx61xJ>. This success demonstrates the City's technical expertise and its ability to control costs, maintain project quality, comply with performance and reporting schedules, and obtain and maintain public and institutional support for restoration work over a period of years. This project exemplifies the City's commitment to environmental restoration and green infrastructure solutions, which is also demonstrated in other City-led restoration projects, with various funding sources, described here: <https://www.portlandoregon.gov/bes/33213>.

Most recently, the City has received four U.S. Army Corps of Engineers Water Resources Development Act (WRDA) grants for projects, totaling over \$18 million in federal funding to date. Another \$22 million is expected by 2025 for the 4th project. One of these projects occurred in Johnson Creek along the Crystal Springs watershed. It resulted in two Letters of Map Revision to update the floodplain extents. Due to the success of the Crystal Springs effort and the City's excellent management of the federal process, we were also awarded a \$300,000 NOAA Fisheries Restoration grant, and a direct one-time grant from US Fish and Wildlife Service. The Crystal Springs project and City of Portland staff won numerous commendations from the US Army Corps of Engineers. The City met all cost and quality control requirements and provided timely, accurate compliance with all reporting and performance schedules. In fact, the City's finance and project monitoring reports have been turned into templates that the Corps Portland District now uses for all WRDA partners. More information and photos of Crystal Springs Creek are here: <https://www.portlandoregon.gov/bes/55261>.

Project Planning

Estimated Project Cost:

\$250,000

Estimated Project Duration:

A natural hazard mapping and/or assessment project may have up to four years. All other projects may have up to two years.

3 YEAR(S)

Proposed Project Staffing:

*Identify key project personnel including proposed Project Manager, Grant Management staff, and other key personnel. Additionally, identify if contract or subrecipient support is intended to be utilized. **Note: Contractor support is not allowed for development of your proposal submission or scope of work.***

Name	Role	General Duties
Jonna Papaefthimiou, Chief Resilience Officer, Bureau of Emergency Management	CTP Project Manager	Programmatic grant reporting and project procurement; convene and facilitate technical experts from across the City.

EXECUTIVE SUMMARY

FY23 FEMA REGION 10 CTP GRANT OPPORTUNITY

Veronica Nordeen, Grants Administrator, Office of Management and Finance Grants Division	CTP Grant Management	Responsible for grant contract and financial reporting / reimbursement requests.
Amin Wahab, Community Rating Systems (CRS) lead, Bureau of Environmental Services Jason Butler-Brown, Floodplain Administrator, Bureau of Development Services Caitlyn Lovell, Regulatory Strategy and Remediation Manager & BiOP lead, Bureau of Environmental Services	Key Personnel	Input to contracted scope of work; support for contractor selection; provide data inputs to modeling; review and verify draft model outputs.
Not Applicable	Contract and/or Subrecipients	Contracted support anticipated from City on-call contractors (likely OTAK)
If FEMA has funding constraints or additional flexibility, can this project be scaled or phased? If yes, please populate scaling section at the end of the document.		YES
Proposed Major Deliverables: <i>Identify significant deliverables below. Briefly describe formats, objectives, or other relevant information associated with them.</i>		
Fully calibrated and verified hydrologic model of Johnson Creek watershed and hydraulic model of the Johnson Creek mainstem with inputs from lateral tributaries; explicit rendering of some major tributaries; base and some alternate scenarios modeled.		
If possible, please include an attachment of the project location in a GIS-ready format (e.g. SHP, KMZ). <i>Project location can be defined by area (e.g. study boundary), linear extent (e.g. stream reach), or point (e.g. localized study).</i>		ATTACHED

EXECUTIVE SUMMARY

FY22 FEMA REGION 10 CTP GRANT OPPORTUNITY

Project Scaling

Identify potential opportunities to add/remove funding and scope depending on FEMA budget availability and prioritization. Please note three options are provided, but are not all required to assist in scaling.

	Good	Better	"Moonshot" (Assuming no Budget Constraints)
Estimated Project Cost:	\$190,000	\$250,000	\$350,000
Estimated Project Duration:	Spanning 2 fiscal years	Spanning 3 fiscal years	Spanning 4 fiscal years

EXECUTIVE SUMMARY

FY22 FEMA REGION 10 CTP GRANT OPPORTUNITY

Scaling Summary:	<ul style="list-style-type: none">*Compilation of lidar and survey data*Compilation of stream flow data*Hydrologic model build*Hydraulic model build*Definition of base scenarios*Calibration and verification*Post processing of results	<ul style="list-style-type: none">*Compilation of lidar and survey data*Compilation of stream flow data*Hydrologic model build*Extended Hydraulic model build*Definition of base and alternate scenarios*Calibration and verification*Post processing of results	<ul style="list-style-type: none">*Compilation of lidar and survey data*Compilation of stream flow data*Compilation of system studies*Hydrologic model build including groundwater interactions in terms of contributions and sinks (and sumps)*Hydraulic model build*Definition of base scenarios*Calibration and verification*Post processing of results:*Full reporting:<ul style="list-style-type: none">-Characterization of system: geologic history that influences H&H, landuse, sediment supply and transport, hydrologic drivers, flood risks, expected future landuse changes
Projected Major Deliverables:	Hydrologic model of JC watershed and hydraulic model of the JC mainstem with inputs from lateral tributaries.	More fully calibrated and verified models with explicit rendering of some major tributaries and added event scenarios.	Fully calibrated and verified models with explicit rendering of major tributaries and some minor tributaries, and full suite of event scenarios.

DETAILED BUDGET JUSTIFICATION

Instructions: Fill out all non-colored cells where applicable. Please review summary table to verify total amount matches grant request.

PERSONNEL (SALARY)				Use an hourly rate (if needed). Please adjust column names to reflect change in approach.	
Position or Title	Salary (Annual)	# Months	Percent Dedicated	FEMA Contribution	
	\$ -	-		\$ -	-
	\$ -	-		\$ -	-
	\$ -	-		\$ -	-
Total Personnel				\$ -	-
FRINGE BENEFITS					
Percent of Salary	Basis	Percent (%)		FEMA Contribution	
	\$ -	-		\$ -	-
TRAVEL					
Purpose of Travel / Travel Category	Est. Cost Per Trip	Est. # of Trips	Est. # of Staff Persons	FEMA Contribution	
	\$ -	-		\$ -	-
	\$ -	-		\$ -	-
	\$ -	-		\$ -	-
	\$ -	-		\$ -	-
	\$ -	-		\$ -	-
	\$ -	-		\$ -	-
Total Travel				\$ -	-
EQUIPMENT (UNALLOWABLE)					
				\$ -	-
SUPPLIES					
Category of Supplies	Est. Unit Cost	Number of Units		FEMA Contribution	
	\$ -	-		\$ -	-
	\$ -	-		\$ -	-
	\$ -	-		\$ -	-
	\$ -	-		\$ -	-
Total Supplies				\$ -	-
CONTRACTUAL OR SUBRECIPIENT					
Intended Recipient	Brief Work Description			FEMA Contribution	
(Identify Type: Subcontractor, Subgrantee, Consultant)					
Modeling on-call contractor likely one of the following: Leeway, Bn	Develop a scope of work for a new ESA-compliant FIRMA that includes updating the hydraulic and hydrological model of the Johnson Creek watershed and supports a mitigation planning process to help identify effective and prioritized mitigation efforts throughout the 52-square mile basin			\$ -	50,000.00
				\$ -	-
				\$ -	-
Total Supplies				\$ -	50,000.00
CONSTRUCTION (UNALLOWABLE)					
				\$ -	-
OTHER					
Category of Other	Est. Unit Cost	Number of Units		FEMA Contribution	
	\$ -	-		\$ -	-
	\$ -	-		\$ -	-
Total Other				\$ -	-
INDIRECT					
	Basis	Percent (%)		FEMA Contribution	
Indirect cost based on: (Provide basis)	\$ -	-		\$ -	-
Total Indirect Charges				\$ -	-

SUMMARY TABLE				
Summary Item	FEMA Contribution	Partner Contribution	Total Contribution	
Total Personnel	\$ -	\$ -	\$ -	-
Total Fringe Benefits	\$ -	\$ -	\$ -	-
Total Travel	\$ -	\$ -	\$ -	-
Total Equipment	\$ -	\$ -	\$ -	-
Total Supplies	\$ -	\$ -	\$ -	-
Total Contractual / Subaward	\$ 50,000	\$ -	\$ 50,000	
Total Construction	\$ -	\$ -	\$ -	-
Total Other	\$ -	\$ -	\$ -	-
Total Indirect Charges	\$ -	\$ -	\$ -	-
Total	\$ 50,000	\$ -	\$ 50,000	

DETAILED BUDGET NARRATIVE

Instructions: All available activities are listed below. Relative to the grant's specific tasks, please remove all non-relevant tasks. Add each intended tasks' total project cost amounts from SOW Section 1.2.2 (Project Tasks and Deliverables). Please review summary to verify total amount matches grant request.

Task (via SOW Section 1.2.2 Project Tasks and Deliverables)	SOW (Type)	FEMA Contribution	Percent of Total Contribution
Project Management and Earned Value Data Entry	MAS	\$ -	0.0%
Project Outreach and Communication Plan (POCP)	MAS	\$ -	0.0%
Event Data Capture	MAS	\$ -	0.0%
Discovery Data Capture	MAS	\$ 50,000	100.0%
Total		\$ 50,000	100.0%

PERSONNEL (SALARY) NOTES

Please describe what the position is providing to the grant (i.e. project management, finance, analyst, engineer, etc.)
E.g. Project Manager (Project management for all tasks)
E.g. GIS Analyst (GIS support for X tasks)
(Grantee Check) Total cost should align with Personnel line item on SF-424 Budget Information for Non-Construction Programs

FRINGE BENEFITS NOTES

Typically based on Percent of Salaries
(Grantee Check) Total cost should align with Fringe Benefits line item on SF-424 Budget Information for Non-Construction Programs

TRAVEL NOTES

Travel Category: Provide generalized summary or purpose of travel (i.e. Meetings, Training, Conferences, etc.)
Est. Cost Per Trip: Average out cost per trip (factor in as needed: airfare, rental, hotel, fuel, transportation, parking, meals and incidentals, etc.)
Est. # of Trips: Provide total number of assumed trips
Est. # of Staff Persons: Provide total number of staff per trip

(Grantee Check) Total cost should align with Travel line item on SF-424 Budget Information for Non-Construction Programs

EQUIPMENT NOTES

(Grantee Check) This is an unallowable cost for this program. Verify Equipment line item on SF-424 Budget Information for Non-Construction Programs is at \$0.

SUPPLIES NOTES

Please describe Supplies and need. Note that supplies should only be included for this grant if they are dedicated solely to the project.
E.g. Community Engagement Supplies (large format paper, printing, sticky notes, flip charts, markers)
Generally define as an item with an acquisition cost of \$5,000 or less and a useful life expectancy of less than one year.
Not applicable: Equipment costs, software subscriptions, hardware (computers), certifications, basically transferable items from one project to the next.

(Grantee Check) Total cost should align with Supplies line item on SF-424 Budget Information for Non-Construction Programs

CONTRACTUAL/SUBRECIPIENT NOTES

Identify Type: Consultant.
List all participants : Consultants - 100%
For the budget narrative supporting this request please see the table to the right

(Grantee Check) Total cost should align with Contractor line item on SF-424 Budget Information for Non-Construction Programs

CONSTRUCTION NOTES

(Grantee Check) This is an unallowable cost for this program. Verify Construction line item on SF-424 Budget Information for Non-Construction Programs is at \$0.

OTHER NOTES

Costs not associated with supplies, indirect costs, or contractual line items.

(Grantee Check) Total cost should align with Other line item on SF-424 Budget Information for Non-Construction Programs

INDIRECT NOTES

Typically based on Percent of Total Salaries plus Benefits.
Application must include a copy of the Negotiated Indirect Cost Agreement.
(Grantee Check) Total cost should align with Indirect Charges line item on SF-424 Budget Information for Non-Construction Programs

SUMMARY TABLE NOTES

FEMA Contribution should be \$0

FEMA Contribution should be \$0

(Grantee Check) Total cost should align with Statement of Work total and Budget Category Total line item on SF-424 Budget Information for Non-Construction Programs

A reasonable budget proposal for the Task Order based on the following existing 2023 rates, recognizing a new contract with the actual consultant's 2024-2025 rates will reflect different rates and hours:

Classification	Hourly Rate	Hours	Subtotal
Project Manager/Engineer	\$265	21.14	\$5,602
VII			
Engineer IV	\$198	100	\$19,800
GIS Analyst IV	\$198	86	\$17,028
Planner II	\$115	40	\$4,600
Admin Coordinator	\$110	27	\$2,970
TOTAL		270 hrs	\$50,000