WHATCOM COUNTY CONTRACT INFORMATION SHEET

Whatcom County Contract No.

2	0	2	1	0	3	0	0	8
					-			-

Originating Department:		Public Works			
Division/Program: (i.e. Dept. Division and Program)		River & Flood 9075/Flood Control 907545			
Contract or Grant Administrator:		Paula Harris			
Contractor's / Agency Name:		US Army Corps of Engineers (USACE)			
		newal to an Existing Contract? Yes O No O WCC 3.08.100 (a)) Original Contract #:			
Does contract require Council Approval? Yes (Already approved? Council Approved Date:		If No, include WCC: - (Exclusions see: Whatcom County Codes 3.06.010, 3.08.090 and 3.08.100)			
Is this a grant agreement? Yes O No O If yes, grantor ag	ency contract				
Is this contract grant funded? Yes O No O If yes, Whatcom County grant contract number(s):					
Is this contract the result of a RFP or Bid process? Yes O No O If yes, RFP and Bid num		Contract Cost Center: 718005			
Is this agreement excluded from E-Verify? No O Yes O If no, include Attachment D Contractor Declaration form.					
If YES, indicate exclusion(s) below: Professional services agreement for certified/licensed professional. Goods and services provided due to an emergency Contract work is for less than \$100,000. Contract work is for less than 120 days. Interlocal Agreement (between Governments).					
Contract Amount: (sum of original contract amount and any prior amendments): Council approval required for; all property leases, contracts or bid awards exceeding \$40,000 , and professional service contract amendments that have an increase greater					
\$ 1,053,000	than \$10,000 d	or 10% of contract amount, whichever is greater, except when: ng an option contained in a contract previously approved by the council. is for design, construction, r-o-w acquisition, prof. services, or other			
This Amendment Amount:					
\$ FCZD Share: \$210,600 c		al costs approved by council in a capital budget appropriation ordinance.			
Total Amended Amount:		vard is for supplies. nt is included in Exhibit "B" of the Budget Ordinance.			
\$		is for manufacturer's technical support and hardware maintenance of			
Summary of Scope:		c systems and/or technical support and software maintenance from the r of proprietary software currently used by Whatcom County.			
This cooperation agreement provides for the LIS A	rmy Corps of	f Engineers (LISACE) to repair the Lynden Levee at two sites			

This cooperation agreement provides for the US Army Corps of Engineers (USACE) to repair the Lynden Levee at two sites along the right bank of the Nooksack River South of Lynden. Project is being completed by the USACE under the PL84-99 Program. The construction costs will be cost-shared between the USACE and the County at an 80/20 cost-share.

Term of Contract: No	Renewal Option	Expiration Date: N/A		
Contract Routing:	1. Prepared by: Travis Bouma & Paula Harris		Date:	2/16/2021
	2. Attorney signoff: Christopher Quinn		Date:	2/19/2021
	3. AS Finance reviewed: bbennett		Date:	2/18/2021
	4. IT reviewed (if IT related):		Date:	
	5. Contractor signed:		Date:	
	6. Submitted to Exec.:		Date:	3-9-2021
	7. Council approved (if necessary):		Date:	3-9-2021
	8. Executive signed:		Date:	3-10-2021
	9. Original to Council:		Date:	4-23-21

ORIGINAL

COOPERATION AGREEMENT

BETWEEN

THE UNITED STATES OF AMERICA

AND

WHATCOM COUNTY FLOOD CONTROL ZONE DISTRICT, WASHINGTON

FOR

REHABILITATION OF A NON-FEDERAL FLOOD CONTROL WORK

JOB NO. NSK-03-18

THIS AGREEMENT, entered into this ______ day of ______, 20 21__, by and between THE DEPARTMENT OF THE ARMY (hereinafter referred to as the "Government") represented by the District Engineer, Seattle District, U.S. Army Corps of Engineers, and Whatcom County Flood Control Zone District, (hereinafter referred to as the "Public Sponsor"), represented by the Whatcom County Executive, Whatcom County, Washington.

WITNESSETH THAT:

WHEREAS, pursuant to 33 U.S.C. 701n, the Government is authorized to assist in the repair or restoration of flood control improvements threatened or destroyed by flood;

WHEREAS, via written correspondence, the Public Sponsor has requested the Government to repair or restore a certain flood control work damaged by recent flooding or coastal storms, in accordance with 33 U.S.C. 701n and established policies of the U.S. Army Corps of Engineers; and,

WHEREAS, the Public Sponsor hereby represents that it has the authority and legal capability to furnish the non-Federal cooperation hereinafter set forth and is willing to participate in the rehabilitation effort in accordance with the terms of this Agreement.

NOW, THEREFORE, the Government and the Public Sponsor agree as follows:

ARTICLE I - DEFINITIONS AND GENERAL PROVISIONS

For purposes of this agreement:

A. The term "Rehabilitation Effort" shall mean repairing the levee in-kind to restore the levee to its pre-damage level of protection, as generally described in the Project Information Report (PIR), Rehabilitation of Flood Control Works, Lynden Levee, Whatcom County, Washington (NSK-03-18). This PIR incorporates and is supplemented by a Scope Change memorandum (NSK-03-18). The initial PIR was prepared by the District Engineer, Seattle District, U.S. Army Corps of Engineers and approved by the Northwestern Division Engineer on March 9, 2018. The Scope Change memorandum was prepared by the Seattle District, U.S. Army Corps of Engineers, and approved by the Operations Division Chief on December 2, 2020.

B. The term "Rehabilitation Effort costs" shall mean all costs incurred by the Public Sponsor and the Government, in accordance with the terms of this Agreement, directly related to implementation of the Rehabilitation Effort. The term shall include, but is not necessarily limited to, actual construction costs, including supervision and inspection costs; costs of contract dispute settlements or awards; and the cost of investigations to identify the existence of hazardous substances as identified in Article XIIA. The term shall not include any costs for operation and maintenance; any costs that correct deferred or deficient maintenance; any increased costs for betterments or Public Sponsor preferred alternatives; or the costs of lands, easements, rights-of-way, relocations, or suitable borrow and dredged or excavated material disposal areas required for the Rehabilitation Effort.

C. The term "betterment" shall mean the design and construction of a Rehabilitation Effort feature accomplished on behalf of, or at the request of, the Public Sponsor, in accordance with standards that exceed the standards that the Government would otherwise apply for accomplishing the Rehabilitation Effort.

ARTICLE II - OBLIGATIONS OF THE GOVERNMENT AND PUBLIC SPONSOR

A. The Government, subject to receiving funds appropriated by the Congress of the United States and using those funds and funds provided by the Public Sponsor, shall expeditiously implement the Rehabilitation Effort, applying those procedures usually followed or applied in Federal projects, pursuant to Federal laws, regulations, and policies. The Public Sponsor shall be afforded the opportunity to review and comment on solicitations for all contracts, including relevant plans and specifications, prior to the issuance of such solicitations. The Contracting Officer will, in good faith, consider the comments of the Public Sponsor, but award of contracts, modifications or change orders, and performance of all work on the Rehabilitation Effort (whether the work is performed under contract or by Government personnel), shall be exclusively within the control of the Contracting Officer. B. As further specified in Article III, the Public Sponsor shall provide all lands, easements, and rights-of-way, and suitable borrow and dredged or excavated material disposal areas, and perform all relocations determined by the Government to be necessary for construction, operation, and maintenance of the Rehabilitation Effort and the Project.

C. As further specified in Article IV, the Public Sponsor shall contribute, in cash, in-kind services, or a combination thereof, a contribution toward construction of the Rehabilitation Effort in an amount equal to 20 percent of total Rehabilitation Effort costs.

D. The Public Sponsor shall not use Federal funds to meet its share of total Rehabilitation Effort costs under this Agreement unless the Federal granting agency verifies in writing that the expenditure of such funds is expressly authorized by statute.

E. The Public Sponsor shall hold and save the Government free from all damages arising from the construction, operation, and maintenance of the Rehabilitation Effort, and any related betterments, except for damages due to the fault or negligence of the Government or the Government's contractors.

F. The Public Sponsor agrees to participate in and comply with the policies and procedures of the U.S. Army Corps of Engineers Rehabilitation and Inspection Program.

G. The Public Sponsor may request the Government to accomplish betterments. The Public Sponsor shall be solely responsible for any increase in costs resulting from the betterments and all such increased costs will be paid in advance by the Public Sponsor in accordance with Article IV.

ARTICLE III - LANDS, RELOCATIONS, DISPOSAL AREAS, AND PUBLIC LAW 91-646 COMPLIANCE

A. The Government shall provide the Public Sponsor with a description of the anticipated real estate requirements and relocations for the Rehabilitation Effort. Thereafter, the Public Sponsor shall furnish all lands, easements, and rights-of-way, including suitable borrow and dredged or excavated material disposal areas, and perform any relocations, as may be determined by the Government in that description, or in any subsequent description, to be necessary for the construction, operation, and maintenance of the Rehabilitation Effort. The necessary lands, easements, and rights-of-way may be provided incrementally for each construction contract. All lands, easements, and rights-of-way determined by the Government to be necessary for work to be performed under a construction contract must be furnished prior to the solicitation of that construction contract.

B. The Public Sponsor shall comply with the applicable provisions of the Uniform Relocation Assistance and Real Property Acquisitions Policy Act of 1970, Public Law 91-646, as amended by Title IV of the Surface Transportation and Uniform Relocation Assistance Act of 1987 (Public Law 100-17), and the Uniform Regulations contained in 49 CFR Part 24, in acquiring lands, easements, and rights of way, and performing relocations for construction, operation, and maintenance of the Rehabilitation Effort, including those necessary for relocations, borrow materials, and dredged and excavated material disposal, and shall inform all affected persons of applicable benefits, policies, and procedures in connection with said Act.

ARTICLE IV - METHOD OF PAYMENT

A. The Public Sponsor shall provide, during the period of construction, cash payments, in-kind services, or a combination thereof, required to meet the Public Sponsor's obligations under Article II of the Agreement. Total construction costs for the Rehabilitation Effort are currently estimated to be \$1,053,000 and the Public Sponsor's share (cash and services in kind) of total Rehabilitation Effort costs is currently estimated to be \$210,600. In order to meet Public Sponsor's cash payment requirements, the Public Sponsor must provide a cash contribution estimated to be \$210,600. The dollar amounts set forth in this paragraph are based upon the Government's best estimates that reflect projections of costs, price level changes, and anticipated inflation. Such cost estimates are subject to adjustments based upon costs actually incurred and are not to be construed as the total financial responsibilities of the Government and the Public Sponsor.

B. The required cash contribution shall be provided as follows: At least ten calendar days prior to the award of the first construction contract, the Government shall notify the Public Sponsor of the Public Sponsor's estimated share of the total Rehabilitation Effort costs including the Public Sponsor's estimated share of the costs attributable to the Rehabilitation Effort incurred prior to the initiation of construction. Within five calendar days thereafter, the Public Sponsor shall provide the Government the full amount of the required contribution by delivering a check payable to "FAO, USAED Seattle" to the Contracting Officer representing the Government. The Government shall draw on the funds provided by the Public Sponsor such sums as the Government deems necessary to cover contractual and in-house fiscal obligations attributable to the Rehabilitation Effort as they are incurred, as well as Rehabilitation Effort costs incurred by the Government. In the event that Rehabilitation Effort costs are expected to exceed the estimate given at the outset of construction, the Government shall immediately notify the Public Sponsor of the additional contribution the Public Sponsor will be required to make to meet the Public Sponsor's share of the revised estimate. Within ten calendar days thereafter, the Public Sponsor shall provide the Government the full amount of the additional required contribution.

C. During the period of construction, the Government will provide periodic financial reports on the status of the total Rehabilitation Effort costs and status of

contributions made by the Public Sponsor. Upon completion of the Rehabilitation Effort and resolution of all relevant contract claims and appeals, the Government shall compute the Rehabilitation Effort costs and tender to the Public Sponsor a final accounting of the Public Sponsor's share of Rehabilitation Effort costs.

1. In the event the total contribution by the Public Sponsor is less than the Public Sponsor's required share of total Rehabilitation Effort costs, the Public Sponsor shall, no later than 90 calendar days after receipt of written notice, make a cash payment to the Government of whatever sum is required to meet the Public Sponsor's required share of Rehabilitation Effort costs.

2. In the event total contribution by the Public Sponsor is more than the Public Sponsor's required share of Rehabilitation Effort costs, the Government shall, no later than 90 calendar days after the final accounting is complete, subject to the availability of funds, return the excess to the Public Sponsor; however, the Public Sponsor shall not be entitled to any refund for in-kind services. In the event the existing funds are not available to repay the Public Sponsor for excess contributions provided, the Government shall seek such appropriations as are necessary to repay the Public Sponsor for excess contributions provided.

ARTICLE V - CREDITING OF IN-KIND SERVICES

The Government has approved a credit for In-Kind Services, compatible with the Rehabilitation Effort, in the estimated amount of \$0.00 for implementation of such services by the Public Sponsor. The affording of such credit shall be subject to an onsite inspection by the Government to verify that the work was accomplished in a satisfactory manner and is suitable for inclusion in the Rehabilitation Effort. Crediting and/or reimbursement is subject to satisfactory compliance with applicable Federal labor laws covering non-Federal construction, including, but not limited to, 40 U.S.C. 3141-3148 and 40 U.S.C. 3701-3708 (revising, codifying and enacting without substantive change the provisions of the Davis-Bacon Act (formerly 40 U.S.C. 276a et seq.), the Contract Work Hours and Safety Standards Act (formerly 40 U.S.C. 327 et seq.) and the Copeland Anti-Kickback Act (formerly 40 U.S.C. 276c)). Crediting and/or reimbursement may be withheld, in whole or in part, as a result of the Non-Federal Sponsor's failure to comply with its obligations under these laws. The actual amount of such credit shall be subject to an audit conducted to determine reasonableness, allocability, and allowability of costs. The Government shall apply the credit amount toward any additional cash contribution required under this Agreement. The Public Sponsor shall not receive credit for any amount in excess of such additional cash contribution, nor shall the Public Sponsor be entitled to any reimbursement for any excess credit amount.

ARTICLE VI - OPERATION AND MAINTENANCE

A. After the Contracting Officer has determined that construction of the Rehabilitation Effort is complete and provided the Public Sponsor with written notice of such determination, the Public Sponsor shall operate and maintain the Project, at no cost to the Government, in accordance with specific directions prescribed by the Government in Engineer Regulation 500-1-1 and any subsequent amendments thereto.

B. The Public Sponsor hereby gives the Government a right to enter, at reasonable times and in a reasonable manner, upon land that the Public Sponsor owns or controls for access to the Project for the purposes of inspection, and, if necessary, for the purpose of completing, operating, and maintaining the Project. If an inspection shows the Public Sponsor for any reason is failing to fulfill the Public Sponsor's obligations under this Agreement without receiving prior written approval from the Government, the Government will send a written notice to the Public Sponsor. If, after 30 calendar days from receipt of such notice, the Public Sponsor continues to fail to perform, then the Government shall have the right to enter, at reasonable times and in a reasonable manner, upon lands the Public Sponsor owns or controls for access to the Project for the purposes of completing, operating, and maintaining the Project, or to deny further assistance under Public Law 84-99. No action by the Government shall operate to relieve the Public Sponsor of responsibility to meet the Public Sponsor obligations as set forth in this Agreement, or to preclude the Government from pursuing any other remedy at law or equity to assure faithful performance pursuant to this Agreement.

ARTICLE VII - FEDERAL AND STATE LAWS

In the exercise of the Public Sponsor's rights and obligations hereunder, the Public Sponsor agrees to comply with all applicable Federal and state laws and regulations, including, but not limited to: Section 601 of the Civil Rights Act of 1964, Public Law 88-352 (42 U.S.C. 2000d) and Department of Defense Directive 5500.11 issued pursuant thereto; Army Regulation 600-7, entitled "Nondiscrimination on the Basis of Handicap in Programs and Activities Assisted or Conducted by the Department of the Army"; and all applicable Federal labor standards requirements including, but not limited to, 40 U.S.C. 3141-3148 and 40 U.S.C. 3701-3708 (revising, codifying and enacting without substantive change the provisions of the Davis-Bacon Act (formerly 40 U.S.C. 327 et seq.), the Contract Work Hours and Safety Standards Act (formerly 40 U.S.C. 327 et seq.) and the Copeland Anti-Kickback Act (formerly 40 U.S.C. 276c)).

ARTICLE VIII - RELATIONSHIP OF PARTIES

The Government and the Public Sponsor act in an independent capacity in the performance of their respective functions under this Agreement, and neither party is to be considered the officer, agent, nor employee of the other.

ARTICLE IX - OFFICIALS NOT TO BENEFIT

No member of or delegate to the Congress, or resident commissioner, shall be admitted to any share or part of this Agreement, or to any benefit that may arise therefrom.

ARTICLE X - COVENANT AGAINST CONTINGENT FEES

The Public Sponsor warrants that no person or selling agency has been employed or retained to solicit or secure this Agreement upon agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the Public Sponsor for the purpose of securing business. For breach or violation of this warranty, the Government shall have the right to annul this Agreement without liability, or, in the Government's discretion, to add to the Agreement or consideration, or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fee.

ARTICLE XI - TERMINATION OR SUSPENSION

If at any time the Public Sponsor fails to carry out its obligations under this Agreement, the District Engineer shall terminate or suspend work on the Rehabilitation Effort, unless the District Engineer determines that continuation of work on the Rehabilitation Effort is in the interest of the United States or is necessary in order to satisfy agreements with any other non-Federal interests in connection with this Rehabilitation Effort and Project. However, deferral of future performance under this agreement shall not affect existing obligations or relieve the parties of liability for any obligation previously incurred. In the event that either party elects to terminate this Agreement pursuant to this Article, both parties shall conclude their activities relating to the Rehabilitation Effort and proceed to a final accounting in accordance with Article IV of this Agreement. In the event that either party elects to defer future performance under this Agreement pursuant to this Article, such deferral shall remain in effect until such time as either the Government or Public Sponsor elects to proceed with further construction or terminates this Agreement.

ARTICLE XII - HAZARDOUS SUBSTANCES

A. After execution of this Agreement and upon direction by the Contracting Officer, the Public Sponsor shall perform, or cause to be performed, such investigations for hazardous substances as are determined necessary by the Government or the Public Sponsor to identify the existence and extent of any hazardous substances regulated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) 42 U.S.C. Sections, 9601-9675, on lands necessary to Rehabilitation Effort construction, operation, and maintenance. All actual costs incurred by the Public Sponsor that are properly allowable and allocable to performance of any such investigations for hazardous substances shall be included in total Rehabilitation Effort costs and cost shared as a construction cost. B. In the event it is discovered through an investigation for hazardous substances or other means that any lands, easements, rights-of-way, or disposal areas to be acquired or provided for the Project or the Rehabilitation Effort contain any hazardous substances regulated under CERCLA, the Public Sponsor and the Government shall provide prompt notice to each other, and the Public Sponsor shall not proceed with the acquisition of lands, easements, rights-of-way, or disposal areas until mutually agreed.

C. The Government and the Public Sponsor shall determine whether to initiate construction of the Rehabilitation Effort, or, if already in construction, to continue with construction of the Rehabilitation Effort, or to terminate construction of the Rehabilitation Effort for the convenience of the Government in any case where hazardous substances regulated under CERCLA are found to exist on any lands necessary for the Rehabilitation Effort. Should the Government and the Public Sponsor determine to proceed or continue with the construction after considering any liability that may arise under CERCLA, the Public Sponsor shall be responsible, as between the Government and the Public Sponsor, for any and all necessary clean up and response costs, to include the costs of any studies and investigations necessary to determine an appropriate response to the contamination. Such costs shall not be considered a part of the total Rehabilitation Effort costs as defined in this Agreement. In the event the Public Sponsor fails to provide any funds necessary to pay for clean-up and response costs or to otherwise discharge the Public Sponsor's responsibilities under this paragraph upon direction by the Government, the Government may either terminate or suspend work on the Rehabilitation Effort or proceed with further work as provided in Article XI of this Agreement.

D. The Public Sponsor and Government shall consult with each other to assure that responsible parties bear any necessary clean up and response costs as defined in CERCLA. Any decision made pursuant to paragraph C of this Article shall not relieve any party from any liability that may arise under CERCLA.

E. As between the Government and the Public Sponsor, the Public Sponsor shall be considered the operator of the Project (which the Rehabilitation Effort is repairing and restoring) for purposes of CERCLA liability. To the maximum extent practicable, the Public Sponsor shall operate and maintain the Project in a manner that will not cause liability to arise under CERCLA.

ARTICLE XIII - NOTICES

A. All notices, requests, demands, and other communications required or permitted to be given under this Agreement shall be deemed to have been duly given if in writing and delivered personally, given by prepaid telegram, or mailed by first-class (postage prepaid), registered, or certified mail, as follows: If to the Public Sponsor: Paula Harris Whatcom County Flood Control Zone District 322 N. Commercial St., Suite 120 Bellingham, WA 98225 If to the Government: District Engineer 4735 E. Marginal Way S, Bldg. 1202 Seattle, WA 98134

B. A party may change the address to which such communications are to be directed by giving written notice to the other party in the manner provided in this Article.

C. Any notice, request, demand, or other communication made pursuant to this Article shall be deemed to have been received by the addressee at such time as it is either personally delivered, or, seven calendar days after it is mailed, as the case may be.

IN WITNESS HEREOF, the parties hereto have executed this Agreement, which shall become effective upon the date it is signed by the District Engineer.

THE DEPARTMENT OF THE ARMY

BY:

Alexander "Xander" L. Bullock Colonel, Corps of Engineers District Engineer

WHATCOM COUNTY FLOOD CONTROL ZONE DISTRICT

BY:

SATPAL SINGH SIDHU Whatcom County Executive

DATE: 16 April 2021

DATE: 3/10/21

CERTIFICATE OF AUTHORITY

I, Christopher Quinn, do hereby certify that I am the principal legal officer for Whatcom County Flood Control Zone District, Washington, and that Whatcom County Flood Control Zone District, is a legally constituted public body with full authority and legal capability to perform the terms of the Agreement between the Department of the Army and Whatcom County Flood Control Zone District, Washington in connection with the Rehabilitation of Non-Federal Flood Control Work, Lynden Levee, and to pay damages in accordance with the terms of this Agreement, if necessary, in the event of the failure to perform, as required by Section 221 of Public Law 91-611 (42 U.S.C. Section 1962d-5b), and that the persons who have executed this Agreement on behalf of Whatcom County Flood Control Zone District, Washington, have acted within their statutory authority.

IN WITNESS WHEREOF, I have made and executed this certification this day of 20.

By designation CHRISTOPHER QUINN Senior Civil Deputy Prosecuting Attorney Whatcom County Flood Control Zone District

CERTIFICATION REGARDING LOBBYING

The undersigned certifies, to the best of his or her knowledge and belief that:

(1) 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 awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid 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 this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

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

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

DATED this 10th day of March, 2021.

SATPAL SINCH SIDHU Whatcom County Executive

WHATCOM COUNTY PUBLIC WORKS DEPARTMENT

JON HUTCHINGS DIRECTOR



MEMORANDUM

TO:	The Honorable Members of the Whatcom County Flood Co District Board of Supervisors	ntro Zohe CEIVED	
THROUGH:	Jon Hutchings, Public Works Director	MAR 9 2021	
FROM:	Paula J. Harris, P.E., River and Flood Manager A+ Gary Stoyka, Natural Resources Manager 🕮	WHATCOM COUNT EXECUTIVE'S OFFIC	
RE:	Lynden Levee Rehabilitation Project – Cooperation Agreem NSK-03-18	ent, Job No.	
DATE:	February 16, 2021		

Enclosed please find four (4) originals of a Cooperation Agreement between the Flood Control Zone District (FCZD) and the US Army Corps of Engineers (USACE) for your review and signature.

Requested Action

Public Works respectfully requests that the County Executive and the County Council, acting as the FCZD Board of Supervisors, enter into a cooperative agreement for repairs to the Lynden Levee at two sites along the right bank of the Nooksack River near the City of Lynden.

Background and Purpose

High flows on the Nooksack River during November 2017 resulted in scour of the levee slopes and toe, including loss of riprap and embankment material. There are two damage sites: (1) the river scoured the riprap toe and eroded the riverward embankment along 375 feet of the levee, and overtopping damaged the crown and landward slope near the Lynden Waste Water Treatment Plant (WWTP); (2) an additional 275 feet of levee was damaged along the riverward levee toe further downstream. The total length of the repair is approximately 650 feet. The first damage site includes two culvert penetrations through the levee; these culverts will be removed and replaced with a new culvert and flood gate as part of the project. The Lynden levee provides flood protection to the Lynden WWTP, 20 residences and several farms.

The USACE rehabilitation work is being done in conjunction with a stream relocation project led by the FCZD and funded through a Floodplains by Design grant. This project was initially identified during the System-wide Improvement Framework (SWIF) process to resolve levee deficiencies.

Funding Amount and Source

The construction costs and funding for both the USACE rehabilitation and the FCZD channel relocation projects are included in the following table. The Cooperation Agreement being considered for approval covers only the USACE levee and culvert rehabilitation project, which includes an 80/20 cost-share between the USACE and the FCZD.

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PROJECT COSTS	
USACE Levee/culvert rehabilitation	\$1,053,000
FCZD Channel realignment	\$525,000
TOTAL	\$1,578,000
PROJECT FUNDING	
USACE (80% of rehab)	\$842,400
FbD grant (80% of channel)	\$420,000
FCZD	\$270,600
LE Subzone	\$25,000
City of Lynden	\$20,000
TOTAL	\$1,578,000

The FCZD and LE Subzone expenditures are consistent with the adopted 2021 budgets. The LE Subzone Advisory Committee members have been supportive and will be meeting prior to the March 9th Council meeting to consider a recommendation for the project. An Interlocal Agreement with the City of Lynden will be brought to the Board of Supervisors at a future meeting.

Please contact Paula Harris at <u>pharris@co.whatcom.wa.us</u> or extension 6285 if you have any questions or concerns.

Encl.