

**Iowa Flood Mitigation Program (FMP)  
Flood Recovery Project Application  
Project #5**

**I. Applicant Information**

<b>A. Applicant/Community Name</b>	<b>B. Address</b>		<b>City, State, Zip Code</b>				
Hamburg	1201 Main Street	PO Box 106	Hamburg, Iowa 51640				
<b>C. Point of Contact (POC) Name for Project</b>	<b>POC Title</b>	<b>POC Agency</b>	<b>POC Email</b>				
Sheryl Owen	City Clerk	Hamburg	<a href="mailto:cityofhamburg106@gmail.com">cityofhamburg106@gmail.com</a>				
<b>POC PO Box and Zip Code</b>	<b>POC Street Address</b>	<b>POC City, State, Zip Code</b>	<b>POC Phone</b>				
51640	1201 Main Street	Hamburg, Iowa 51640	712-382-1313				
<b>Alternate POC Name or Authorized Representative</b>	<b>Alt POC Title</b>	<b>Alt POC Agency</b>	<b>Alternate POC Email</b>				
Cathy E. Crain	Mayor	Hamburg	<a href="mailto:cathycrain52@gmail.com">cathycrain52@gmail.com</a>				
<b>Alt POC PO Box and Zip Code</b>	<b>Alt POC Street Address</b>	<b>Alt POC City, State, Zip Code</b>	<b>Alt POC Phone</b>				
51640	1311 Bluff	Hamburg, Iowa 51640	712-382-0000				
<b>D. Federal Tax ID # / FEIN</b>	<b>E. County Name</b>	<b>F. US Congressional District(s)</b>	<b>State Legislative Districts</b>				
42-6004749	Fremont	3rd	<table style="width: 100%; border: none;"> <tr> <td style="border: none;"><b>Senate</b></td> <td style="border: none;"><b>House</b></td> </tr> <tr> <td style="border: none;">12</td> <td style="border: none;">23</td> </tr> </table>	<b>Senate</b>	<b>House</b>	12	23
<b>Senate</b>	<b>House</b>						
12	23						
<b>G. Is the Applicant/Community participating in the National Flood Insurance Program (NFIP)?</b>		<b>Community's CID Number</b>					
Yes		190133					

**II. Project Cost Information**

**A. Identify the requested funding source:**

<b>Permanent Work</b>
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**B. Project Budget Summary**

Embankment Earthwork (169,000 CY) - USACE Estimate	\$ 1,377,208.99	\$ 1,377,208.99
Seepage Berm (126,000 CY) - USACE Estimate	\$ 88,650.00	OK
Hydrology Study - USACE Estimate	\$ 64,497.16	OK
Engineering & Design - USACE Estimate	\$ 228,319.95	OK
Surveys, Geotechnical Investigation and Testing - USACE Estimate	\$ 158,095.46	OK
Independent Technical Review - USACE Estimate	\$ 7,739.66	OK
Supervision & Administration - USACE Estimate	\$ 597,658.32	\$ 597,658.32
Contingencies on Construction Cost - USACE Estimate	\$ 765,991.78	\$ 765,991.78
355,000 CY Dirt - Material for Repair to Elevation 911' - City Estimate	\$ 1,000,000.00	
Hauling of Materials - City Estimate	\$ -	
Construction - Hendrickson Bid	\$ 6,957,424.75	\$ 11,245,586.07
Scope Expansion - 15% Local Match - FEMA Public Assistance Projects	\$ 5,315,832.18	
Scope Expansion - Fire Hall Repair & Expansion	\$ 500,000.00	
Scope Expansion - I-29 Elevation - HESCO Barrier Storage/Slab	\$ 40,000.00	
Scope Expansion - I-29 Elevation - HESCO Barriers	\$ 710,000.00	
Scope Expansion - Engineering/Design Phase II Ditch 6 Levee Elevation	\$ 250,000.00	
<b>Total Project Budget Summary</b>	<b>\$ 18,061,418.25</b>	

**C. Project Funding Source**

Identify all anticipated funding sources for the project and the amounts.

State that you have applied for and/or received approved federal, state and/or local financial assistance.

Please insert additional rows as needed.

Identify source	Applied/Received	Federal \$	State \$	Local \$	TOTAL
Iowa Flood Recovery Fund - Ditch 6 Levee	Received			\$ 4,288,161.32	\$ 4,288,161.32
US Army Corps of Engineers - Repair to Elevation 911', Construct Landside Berm "Base"	Received	\$ 801,785.18			\$ 801,785.18
US Economic Development Authority	Received	\$ 6,155,639.57			\$ 6,155,639.57
					\$ -
FEMA Public Assistance	Applied	\$ 4,291,123.45			\$ 4,291,123.45
PA Non-Federal Funds	Applied		\$ 524,708.73		\$ 524,708.73
Iowa FRF - PA Local Match	Applied			\$ 500,000.00	\$ 500,000.00
					\$ -
Fire Hall Repair & Expansion	Applied			\$ 500,000.00	\$ 500,000.00
I-29 Elevation - HESCO Barrier Storage/Slab	Applied			\$ 40,000.00	\$ 40,000.00
HESCO Barriers	Applied			\$ 710,000.00	\$ 710,000.00
Engineering/Design Phase II Ditch 6 Levee El	Applied			\$ 250,000.00	\$ 250,000.00
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
<b>Total Project Funding Source</b>		<b>\$ 11,248,548.20</b>	<b>\$ 524,708.73</b>	<b>\$ 6,288,161.32</b>	<b>\$ 18,061,418.25</b>

<b>Obligated Amount</b>	\$6,356,324.20	\$2,068,162.88
	\$68,162.88	

### III. Project Plan Summary

**A. Provide a brief description of the project and how the project supported flood response or will support future flood recovery and flood mitigation activities. This is a summary of Tab B - Project Plan.**

The City of Hamburg has and will purchase 355,000 cubic yards of dirt to elevate the Ditch 6 Levee to 919' Elevation and also 18,000 loads of dirt. This levee will protect our businesses and citizens from water from the west; the west ditch, and most importantly the Missouri River in the future. This will protect our large businesses, 538 jobs, 494 existing homes and our future new "Rural Housing 360" homes.

Application Amendment #1 - Hamburg is requesting an amendment to the approved project application. The first component of the amendment is based on identified local match needs related to Public Assistance Program project requirements. The amendment will provide funding to meet the local match requirement for multiple PA projects. This amount is estimated to be \$500,000.

Additionally Hamburg is requesting approval to fully repair as well as expand the City Fire Hall. The Fire Hall was damaged during 2019 flooding. Restoration to date allows only for storage of vehicles and equipment. The meeting room, bathrooms, offices and kitchen are in need of repair and renovation (electric, insulation, drywall, paint, flooring, ceiling, fixtures, etc.). The estimated cost of this work is \$500,000. This was not eligible to the PA program due to the flood insurance requirement.

Finally, Hamburg requests approval to purchase HESCO barriers and necessary storage needed to elevate a flood protection barrier along Interstate 29 south of Hamurg during flood events. This elevation is necessary so that protection to the City of 919' is comprehensive, and is estimated to cost \$750,000.

Permanent protection to replace this barrier is in development and will require an estimated \$250,000 in engineering and design, which is also requested as part of this scope of work expansion. Hamburg has earthen material needed for the barrier in current inventory.

**B. Provide a brief description of the financial assistance need through the Flood Recovery Fund.**

The City will buy 355,000 cubic yards of dirt at \$1.30 per cubic yard at a cost of \$461,500, 18,000 loads of dirt average 20 cubic yards per truck at a cost of \$2,520,000 plus the Corps of Engineers' estimates of \$9,337,500 for a grand total \$12,319,000.

Application Amendment #1 - costs to elevate the Ditch 6 levee drawn from the Flood Recovery Fund award total \$4,288,161.32, which is \$2,068,162.88 less than the original estimate. The scope of work expansion cost is \$2M.

**C. Explain how financial assistance through the Flood Recovery Fund is essential to meet the necessary expenses or serious needs of the applicant related to flood response, flood recovery, and flood mitigation.**

The City owed \$56,000 in March of 2019 with \$500,000 in savings. Today, the City has spent all available funds including savings and will continue to operate on borrowed funds. The flood expenses the City is experiencing has passed our yearly budget. Though we need this levee for protection for our business and our citizens, we cannot afford it. We have a total of 28 FEMA projects with 2 submitted.

**D. Provide details of any additional funds that can be applied to the project.**

The State and the City continue to work the Federal ladder to get Federal funding as well as trying to get the USACE to follow through on their promise. We are not hopeful.

**E. Description of Project Location (i.e. Latitude and Longitude (minimum 6 digits after the decimal), Neighborhood, Subdivision, Geographic Boundaries, Driving Directions, etc.)**

The location of the levee begins West of the City of Hamburg at Skyline Drive, is constructed moving West approximately 2375 feet at which time it breaks to the South / Southeast and continues for approximately 6,200 feet crossing Hwy 333 and the BNSF railroad, and ending at Highway 29. An earthen closure structure is used at Hwy 333 and at the railroad intersection. At that point a HESCO barrier flood wall would follow Interstate 29 for approximately 9,800 feet tracking Southeast, and cease at the Nishnabotna River levee.

#### IV. Work Schedule

A. List the major milestones for this project.

Task	Months/Years from Award		Responsible Party
	Start	Complete	
Secure Funding	3/20/2019	9/16/2019	State of Iowa/City of Hamburg
Adding 8ft of dirt on Ditch 6 Levee	4/25/2019	12/31/2021	City of Hamburg
Scope of Work Expansion	3/20/2019	12/31/2022	City of Hamburg
<b>Total Project Duration:</b>	<b>45 Months</b>		

#### V. Certifications

To the best of my knowledge and belief, I certify that all data in this application packet is complete, true and correct. The governing body of the applicant has duly authorized this document and hereby applies for assistance as documented in this application. The applicant understands that the project shall not proceed until Flood Mitigation Board approval is granted.

Signature of the Chief Executive Officer
Cathy E. Crain
Name of the Chief Executive Officer
Mayor
Title
City of Hamburg
Organization
June 21, 2019
Date
712-382-1313
Phone Number

Signature of the Authorized Representative
Cathy E. Crain
Name of Authorized Representative
Mayor
Title
City of Hamburg
Organization
June 21, 2019
Date
1201 Main Street/PO Box 106
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Hamburg, Iowa 51640
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To: Flood Recovery Board

Here is a breakdown of necessary projects for Flood Recovery Funds for Hamburg.

1. 15% of remaining FEMA projects for streets, lagoons, parks, sewer and Clayton Sports Complex: \$1.85 million (edit to \$500,000 per discussion with Hamburg – DP).
2. Need a new aerator for existing, repaired water plant. Former aerator had 11 ft of water for months and is not running properly since the flood of 2019. Estimated cost \$250,000.
3. Back up Generator for our water plant, wiring has already been installed just need the generator in case of power outages and need to install in the next few months. Estimate \$47,450.
4. Generator for our 2 lift stations in case of power outages to pump waste. Need to install in the next few months. Estimation for two generator is a total of \$73,000.
5. There are three houses that were in the flood plain that did have water in them but they didn't meet the criteria of FEMA for 51% damage for tear down. However, these three, since the flood have deteriorated greatly and must come down. Estimated cost: \$100,000. Also, there was an apartment complex in the southend where it flooded that wasn't in the buyout because it was a business which will have to come down. Estimated cost 50,000.
6. We have 3 major Main Street sidewalks that flooded and buckled and are un-walkable. Estimated \$50,000.
7. The city lost two recycle trailers in the flood and we request 2 replacements. Estimated \$26,000 Total cost.
8. Two businesses, both received flood water in their buildings. Keim Implement Dealership is tearing down old structure and rebuilding. Dovel's Meat Locker has left their flooded building and is in the process of building a new building on Main Street. Both of these businesses need dollars for ground preparation. Estimate: \$160,000 Total Cost.

9. Our Firehall was in the flood and after clean-up were able to house our vehicles and equipment. However, the meeting room, bathrooms, offices and kitchen are down to studs and we need electrical, insulation, drywall, paint, flooring and fixtures. Also includes ceiling work. Estimated \$500,000.
10. A small business on Main Street will need to be torn down. Neglected owners have left a 10ft hole in the ceiling. The City is getting the property deeded to us. Estimated cost \$75,000.
11. Storage of HESCO Barrier Bags for emergencies. We estimate 5 metal containers placed on cement on the city's land at I-29. A small cement road will be built for access. The sand will be placed outside near the metal shipping containers, which the city has already purchased. Because we're in the levee protection program we're asking the USACE to purchase the Hesco Bags. Our estimate includes 5 shipping containers and cement for pad and small access road. Estimated. \$40,000.
12. Homeland Security has added the Hesco Barrier Bags to the list. Our concern is if we don't use them in the next several years will they deteriorate. The cost is estimated at \$710,000
13. Also Engineering of Phase II Levee, we have no estimated cost on this.

Thank you again for your consideration on these items.

*Cathy E. Crain*

Cathy E. Crain, Mayor

Priority #	Scope Summary	Notes	Estimated Cost	Project to Amend
1	15% of FEMA Project left	enclosed copies	\$500,000.00	#5
2	Areator for the Wastewater Treatment Plant	Estimate enclosed \$250,000	\$250,000.00	#14
3	Generator for Water Plant	Estimate enclosed \$47,450	\$47,450.00	#14
4	Generator for #1 Lift Station	Estimate enclosed \$36,500	\$36,500.00	#14
4	Generator for Golden Acres Area	Estimate enclosed \$36,500	\$36,500.00	#14
5	Tear down apartment complex in south end (flooded) not FEMA eligible	Estimated:	\$50,000.00	#14
5	Tear Down of houses 3 not in buyout/2 buildings	Estimation \$100,000	\$100,000.00	#14
6	Sidewalks (new businesses down town)	Estimate enclose	\$50,000.00	#14
7	2 New recycle trailer lost in the flood	Estimation \$26,000	\$26,000.00	#14
8	2 New possible businesses - development incentives	Estimation	\$160,000.00	#14
9	Firehall	This one is flexible 150,000-500,000	\$500,000.00	#5
10	Small Business Demolition		\$75,000.00	#14
11	HESCO barrier slab & containers (material already in inventory)		\$40,000.00	#5
12	HESCO barriers: 23,400 lin. ft. ~142 pallets (est) 1 Pallet = 10 HESCO units = 13.33 sq. ft. Need ~2,000 sq. ft. to store 142 HESCO pallets	\$5,000 per pallet	\$710,000.00	#5
13	Engineering of Phase II Levee	USACE estimate pending	\$250,000.00	#5
		TOTAL	\$2,831,450.00	