
MICHIGAN ECONOMIC
DEVELOPMENT CORPORATION

Community Development Block Grant

WATER-RELATED INFRASTRUCTURE

APPLICATION

For eligible activities administered by the Michigan Economic Development Corporation (MEDC)
on behalf of the Michigan Strategic Fund (MSF)

Revised 04/16/21

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Refer to the separate Instruction document when completing the Community Development Block Grant Infrastructure (CDBG) Application. The review of the proposed project will be based solely on the Unit of General Local Government's (UGLG's) responses and attachments. The MEDC will not seek clarifications. The numbered sections below coincide with the numbered sections in the Instructions.

1. UNIT OF GENERAL LOCAL GOVERNMENT (UGLG) IDENTIFICATION SUMMARY			
		FUNDING SOURCE TOTALS	
Unit of General Local Government (UGLG)	City of Charlotte	CDBG	\$ 1,553,626.80
Street/PO Box	111 E. Lawrence Ave.	UGLG	\$ 172,625.20
City	Charlotte	Other	\$ [REDACTED]
County	Eaton	Other	\$ [REDACTED]
State/Zip	48813	Other	\$ [REDACTED]
Chief Elected Official Name	Michael Armitage	Other	\$ [REDACTED]
Chief Elected Official Title	Mayor	Total	\$ 1,726,252
Chief Elected Official Email	marmitage@charlottemi.org		
UGLG Project Contact (PC) Name	Amy E. Gilson, PE	(Refer to Section 1(C) of the Instructions) UGLG's SAM# 041614652 / 5EFJ6	
UGLG PC Title	Director of Public Works		
UGLG PC Address	111 E. Lawrence Ave.	(Refer to Section 1(D) of the Instructions) UGLG's DUNS # 041614652	
UGLG PC Telephone Number	517-543-8855		
UGLG PC Fax Number	517-543-8845	(Refer to Section 1(E) of the Instructions) UGLG's Federal Tax ID # 38-6004528	
UGLG PC E-Mail Address	agilson@charlottemi.org		
(Refer to Section 1(F) of the Instructions) UGLG's Fiscal Year End	06/30		

2. STATE GOVERNMENT REPRESENTATION			
Senator Name	Tom Barrett	Senate District	24
Representative Name	Angela Witwer	House District	71

3. FEDERAL GOVERNMENT REPRESENTATION			
Representative Name	Tim Walberg	Congressional District	7

4. AUTHORIZATION UGLG OFFICIAL			
Signature and Date:			
Name and Title	Amy E. Gilson, PE, Director of Public Works	E-Mail Address	agilson@charlottemi.org

5.
ELIGIBILITY REQUIREMENTS

A. Check all eligibility requirements that apply (To qualify, all must be applicable):

- The UGLG is a community where 51% of the individuals reside in low to moderate income households (Question 11A).
- The UGLG did not receive a 2018 Frozen Water or a 2020 Infrastructure and Resiliency Grant.
- The project will be completed by December 31, 2023.
- The grant request for traditional infrastructure is between \$500,000 and \$2,000,000.
- The UGLG has a committed cash match equal to 10% of the total project cost.
- The UGLG has clearly demonstrated that the proposed project benefits the entire Low- and Moderate- Income Community (Question 11B).
- The proposed project is located on property owned by the UGLG and/or only an easement is needed.
- The UGLG has a maintenance plan for the proposed project (Section 12, Attachment E).
- The UGLG has a Capital Improvement Plan (CIP) and the proposed project is specifically identified within the CIP as a non-maintenance capital expenditure (Section 12, Attachment J).
- The UGLG has a set of project plans and specifications (Section 12, Attachment M).

Comments: The UGLG has conceptual plans and typical city water main specifications. Detailed engineering plans and specifications will be provided if the project is selected to receive WRI grant funds.

6. PRIORITIES

A. Check all priorities that apply:

- The need for the proposed project has been clearly defined (Question 10(C)) and supports one or more of the following concerns (check all that apply):
 - Health, Sanitation, and Security
 - Aging Infrastructure
 - Sustainability
- The community does not have more than 1 open CDBG grant or executed LOI.
- The community is a Low to Moderate income Community
 - 51-55%
 - 56-60%
 - 61-65%
 - 66% and above
- The community has leveraged local matching funds
 - 10%
 - 11-15%
 - 16-20%
 - 25% and above

Comments:

7. ADMINISTRATION

A. Identify who will be responsible for administering the proposed project (Check One).

NOTE – Administrative contracts cannot be signed until authorized by the MEDC.

A MEDC CGA will administer the project. The CGA has not yet been selected and the contract amount is unknown. The contract has not yet been signed, the MSF will fund the costs, and the administration line item on the CDBG budget (Attachment A) has been left blank.

A MEDC CGA on the staff of the UGLG will administer the project. These costs are not eligible as match or CDBG reimbursement. The administration line item on the CDBG budget (Attachment A) has been left blank. Provide the name and contact information for the MEDC CGA person at the UGLG who will be responsible for administering the proposed project:

Name:

Business Address:

Phone #:

E-mail:

8. UGLG CAPACITY AND CONFLICT OF INTEREST

A. Does the UGLG have open CDBG grants, including CDBG housing grants, or executed Letters of Intent (LOI) related to a CDBG project?

Yes

No

If yes, please provide the grant number(s) and project name in the case of a LOI:

Beach Market - 5EFJ6

B. Does the UGLG have any unresolved CDBG grant issues and/or findings?

Yes

No

If yes, please provide the grant number and explain the issues and/or findings:

C. Conflict of Interest, check all that apply:

Employees, agents, consultants, officers, elected or appointed officials of the UGLG will obtain a financial interest or benefit from a CDBG assisted activity or will have an interest in any contract, subcontract or agreement with respect thereto, or in the proceeds hereunder, either for themselves or for those with whom they have family or business ties, during their tenure or for one year thereafter.

Officials and staff of the UGLG will be a party to contracts involving the procurement of goods and services assisted with CDBG funds.

No conflicts.

9. UGLG FUNDING SOURCES

A. Check the specific funding source(s) that the UGLG's committed cash match will be comprised of:

****SPECIAL ASSESSMENTS ARE NOT ALLOWED****

- General Fund
- Road, Water, and/or Sewer Funds
- DDA or other like district Funds
- Bonding (See instructions for limitations)
- Currently, Community is RRC Certified
- Other. Describe other funds:

B. Check the specific funding source(s) that the "Other" committed cash match will be comprised of:

- Other grants and/or loans where agreements are in place and the funds are immediately available
- Act 51 Funds that are immediately available
- Other public and/or private cash that is immediately available
- Other funds that are immediately available.

Describe ALL "Other" funds: N/A

10. PROJECT SCOPE AND PROGRAM REQUIREMENTS

A. Compliance Requirements. Check all that apply:

- The project will impact historic properties or archaeological sites and districts.
- The project will impact wetlands.
- The project is located in a floodplain and/or will impact a floodplain.
- The project is located in a coastal zone.
- The project will require local, state, and federal permits.
- The project will result in the acquisition of easements.
- The project will result in the demolition or conversion of residential dwelling units, both occupied and vacant.
- The project will result in temporary or permanent relocation of businesses, non-profit organizations, homeowners, or tenants.
- The project will result in special fees (i.e., tap in / hookup fees, special assessments).
- None of the above

Describe all that apply: The project will require an easement to move the water main out of MDOT's Lansing St. (M-79) right-of-way. The project will also require a Part 399 permit from the Michigan Department of Environment, Great Lakes, and Energy (EGLE). The project will require a permit from the Michigan Department of Transportation (MDOT) for work and temporary signage within their right-of-way.

B. Provide a clear and concise description of the overall proposed project.

The project will replace aged and undersized water mains along Lansing St. (M-79) from Hall St. to Butternut Dr. in the City of Charlotte. This area is prone to frequent water main breaks which causes a public health risk to the city's water customers and major service disruptions to this primarily commercial district. Emergency repairs are extremely costly to the city due to the location of the water main being within the pavement influence of a major M-route through the city and the high traffic volume from the commercial businesses along this route. Repairs also pose a safety risk for staff assigned to maintain the water system in this area from the high traffic volumes. Repairs require

pavement restoration which adds to the cost of maintaining this area of the water system. Consumers Energy also has an at grade electric transformer that was placed directly over the city's water main. The city has had to repair multiple water main breaks under the transformer and the proposed project will move the proposed water main away from the transformer.

The proposed project will move the water main further from Lansing St. and is planned to be moved behind the commercial businesses on the north side of the road for approximately 2/3's of the project length in a utility easement that will be secured as part of this project. This will allow to the city easier access to their system and maintenance will prove easier because restoration will be in the green space and traffic will not be as much of an issue being behind the commercial properties. The proposed project will greatly enhance the safety of staff required to operate and maintain the city's water system. The project will also include new valves, fire hydrants, and water services for customers within the project limits. Where feasible, existing water main will be abandoned in place to minimize project costs.

C. Based on the priority criteria selected in Section 6 (A), clearly describe the need for the proposed project.

Health, Sanitation, and Security

Frequent water main breaks pose a public health risk for water consumers in the city. The water system in this area has reached or surpassed its expected service life. This will result in more frequent emergency maintenance being required moving forward if the system is not improved.

Aging Infrastructure

The project includes the replacement of 4-inch diameter cast iron water main that was installed in 1905 and 8-inch diameter water main installed in 1969. The water main proposed for replacement as part of this project has a history of significant failures resulting in disrupted service and public health risk to consumers.

Below is a record of recent repair history:

3-13-08 Replace valve Lansing St. and Hall St.

3-13-08 Repair water main break (WMB) 403 Lansing St.

8-1-10 Repair water main break at 430 Lansing St.

1-11-15 Repair water main break 789 Lansing St.

4-7-16 Repair water main break 640 Lansing St.

Capacity

This area of the city along Lansing St. between Hall St. and Butternut Dr. primarily consists of commercial water customers. Approximately 2,000 linear feet of undersized 4-inch diameter cast iron water main is proposed to be replaced with 8-inch diameter ductile iron water main that will increase the reliability and capacity of the water system in this area.

D. Lead and Copper Rule: The purpose of the Lead and Copper Rule (LCR) is to protect public health by minimizing lead and copper levels in drinking water. Lead and copper enter drinking water mainly from corrosion of lead and copper containing plumbing materials. The rule establishes action levels (AL) for lead and copper based on a 90th percentile level of tap water samples. An action level exceedance is not a violation but triggers other requirements to minimize exposure to lead and copper in drinking water, including water quality parameter monitoring, corrosion control treatment, source water monitoring/treatment, public education, and lead service line replacement. All community water supplies and nontransient noncommunity water supplies are subject to the LCR requirements.

The proposed project activities trigger LCR requirements and the project includes any/all statutorily required replacement of lead or galvanized service lines.

The proposed project does not trigger LCR requirements.

E. What is the square footage of the public space being improved or reactivated?
1,200,000 sft

F. In the below space, provide an overall project schedule that includes the anticipated start and completion dates (attachments are not acceptable).

Activities	Start Date	End Date
Design Engineering	June 2021	December 2021
Easement acquisition, if applicable	July 2021	September 2021
Bidding	January 2022	February 2022
Construction	April 2021	July 2022

Comments regarding timeline (i.e. Design Engineering was completed prior to this Application; Design Engineering will be paid locally and will be completed prior to the Grant Agreement BUT ONLY with MEDC's written authorization; easements will not be required, etc.):

Design engineering will be paid locally and will be completed prior to the Grant Agreement upon written authorization from the MEDC. A utility easement is the preferred location for the new water main. If an easement cannot be executed, the water main will be placed in the right-of-way further from Lansing St.

11. NATIONAL OBJECTIVE

A. What percentage of the UGLG is comprised of low- and moderate-income persons?

51.76%

B. Explain how the CDBG funded improvements will benefit the entire low- and moderate-income area.

The CDBG funded improvements will increase the safety and reliability of the water system funded by its customers. The money the city will save due to reduced maintenance and emergency repairs in the project location will allow for further improvements to the water system in other areas that will benefit the area. The project will also provide increased safety, reliability, and capacity improvements to the water system.

12. REQUIRED ATTACHMENTS – MUST BE LABELED AND ATTACHED IN ORDER

ATTACHED?	ATTACHMEN	TITLE (use templates when provided)
Yes	No	
<input checked="" type="checkbox"/>		A Project Budget

		B	Authorizing Resolution
<input checked="" type="checkbox"/>		C	Cost Estimates (preliminary)
<input checked="" type="checkbox"/>		D	Detailed Map, showing all project activities
<input checked="" type="checkbox"/>	<input type="checkbox"/>	E	Maintenance Plan If no, explain:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	F	Community Development Narrative If no, explain:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gi	UGLG Public Participation Certification
<input checked="" type="checkbox"/>		Gii	<i>Published</i> Public Hearing Notice
<input checked="" type="checkbox"/>		Giii	Brief description of the public hearing
<input checked="" type="checkbox"/>		H	Certifications
<input checked="" type="checkbox"/>		I	Assurances
<input checked="" type="checkbox"/>	<input type="checkbox"/>	J	Capital Improvement Plan If no, explain:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	K	Anti-Displacement and Relocation Assistance Plan. If no, explain:
<input checked="" type="checkbox"/>		L	Evidence of Need (See Section 6 Priority and Section 10, Question 10C)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	M	Project Plans and Specifications (preliminary), see Section 5 Eligibility) If no, explain: Conceptual project plan and water main specifications have been provided. Detailed engineering plans and specification will be provided if the project is successful in securing WRI grant funds.

13. OPTIONAL ATTACHMENTS – MUST BE LABELED AND ATTACHED IN ORDER

ATTACHED?		ATTACHMEN	TITLE
Yes	No	T	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	N	Other Funding Sources including Local Bonds. If using bonds and/or other resources, evidence that the funds are available at the time of the application (Section 9, Question 9B) If not, local match will not consist of bonds and/or the proposed budget will not consist of Other Resources.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	O	Joint Application. If applicable, identify any other applications related to infrastructure that includes a Federal or State agency as a source of funds. If not, UGLG has not submitted other applications for infrastructure funding to Federal or State agencies.
Additional Comments:			