Ohio Local Government Innovation Fund

Collaborative Measures → Success Measures → Significance Measures → Financial Measures

Round 5: Application Form

Step One: Fill out this Application Form in its entirety.

Step Two: Fill out the online submission form and submit your application materials. All supplemental application materials should be combined into one file for submission.

LGIF: Applicant Profile

Lead Agency	City of Jackson
Project Name	Jackson Micromonitoring Efficiency Study
Type of Request	Grant
Request Amount	$100,000.00
JobsOhio Region	Southeast
Number of Collaborative Partners (including lead agency)	One
Project Approach	Efficiency
Project Type	Public Works

Ohio Development Services Agency

Website: http://development.ohio.gov/cs/cs_localgovfund.htm

E-mail: LGIF@development.ohio.gov

Phone: 614 | 995 2292

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficiency S	Type of Request	Grant

Instructions

• Make sure to answer each question appropriately in the space provided, not exceeding the space allowed by the answer box.

• Examples of completed applications are available on the LGIF website, found here:

http://development.ohio.gov/cs/cs_localgovfund.htm

Section 1 — Contacts

Lead Agency		
Mailing Address:	Name: City of Jackson	
	Street Address: 145 Broadway Street	
	City: Jackson	
	Zip: 45640	
In what county is the lead agency located? Hocking		
Ohio House District: 93	Ohio Senate District: 17	

Project Contact		
Please provide information about the individual who should be contacted regarding this application.		
Mailing Address:	Name: Bill Sheward	Title: Director of Public Service / Safety
	Street Address: 145 Broadway Street	
	City: Jackson	
	Zip: 45640	
Email Address: wsheward@jacksonohio.us		Phone Number: (740) 286-2201

Fiscal Agency:		
Please provide information for the entity and individual serving as the fiscal agent for the project.		
Mailing Address:	Fiscal Agency: City of Jackson Auditor	
	Fiscal Officer: Brett Reed	Title: City Auditor
	Street Address: 145 Broadway Street	
	City: Jackson	
	Zip: 45640	

Population		
Does the applicant (or collaborative partner) represent a city, township, or village with a population of less than 20,000 residents?	☑ Yes	☐ No
	List Entity	
	City of Jackson	
Does the applicant (or collaborative partner) represent a county with a population of less than 235,000 residents?	☐ Yes	☑ No
	List Entity	

Single Applicant		
Is your organization applying as a single entity?	☑ Yes	☐ No

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficiency	Type of Request	Grant

Collaborative Partners		
Does the proposal include collaborative partners?	☐ Yes	✔ No

Applicants applying with collaborative partners are required to show proof of the partnership with a signed partnership agreement and a resolution of support from each of the partner's governing entities. If the collaborative partner does not have a governing entity, a letter of support from the partnering organization is sufficient. These documents must be received by the end of the cure period in order for each entity to count as a collaborative partner for the purposes of this application.

Nature of the Partnership
As agreed upon in the signed partnership agreement, please identify the nature of the partnership with an explanation of how the lead agency and collaborative partners will work toegether on the proposed project.

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficiency	Type of Request	Grant

List of Partners
Please use the following space to list each collaborative partner who is participating in the project and is providing BOTH a resolution of support for the Local Government Innovation Fund application and has signed the partnership agreement.

Collaborative Partner # 1	
Mailing Address:	Name:
	Street Address:
	City:
	Zip:

Collaborative Partner # 2	
Mailing Address:	Name:
	Street Address:
	City:
	Zip:

Collaborative Partner # 3	
Mailing Address:	Name:
	Street Address:
	City:
	Zip:

Collaborative Partner # 4	
Mailing Address:	Name:
	Street Address:
	City:
	Zip:

Collaborative Partner # 5	
Mailing Address:	Name:
	Street Address:
	City:
	Zip:

Collaborative Partner # 6	
Mailing Address:	Name:
	Street Address:
	City:
	Zip:

Lead Applicant	City of Jackson	Round 5	
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Collaborative Partner # 7	
Mailing Address:	Name:
	Street Address:
	City:
	Zip:

Collaborative Partner # 8	
Mailing Address:	Name:
	Street Address:
	City:
	Zip:

Collaborative Partner # 9	
Mailing Address:	Name:
	Street Address:
	City:
	Zip:

Collaborative Partner # 10	
Mailing Address:	Name:
	Street Address:
	City:
	Zip:

Collaborative Partner # 11	
Mailing Address:	Name:
	Street Address:
	City:
	Zip:

Collaborative Partner # 12	
Mailing Address:	Name:
	Street Address:
	City:
	Zip:

Collaborative Partner # 13	
Mailing Address:	Name:
	Street Address:
	City:
	Zip:

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficiency	Type of Request	Grant

Project Information

Provide a general description of the project, including a description of the final work product derived from the grant study or loan implementation project. This information may be used for council briefings, program and marketing materials.

The City of Jackson strives to provide the most efficient and cost effective services to its residents and businesses to ensure long term stability and overall satisfaction. To this point the City is currently struggling with providing sanitary sewer service to the residents and maintaining the necessary capacity to effectively serve its existing customers and provide capacity for future growth that will help the City maintain its goal of providing the most efficient and cost effective service. The current inefficiency the City is experiencing results in the existing sanitary sewer not providing adequate capacity to serve certain areas of the City and provide for future growth.

Through the use of micromonitoring, the City of Jackson will survey its sanitary sewer system to determine the current inefficiencies and deficiencies in the collection system that reduce the capacity and the efficiency of the system. Currently during storm events the City of Jackson sanitary sewer system gets inundated with storm water that should not be in the system. This storm water limits the capacity of the sewer system and results in sanitary sewer backing up into customers dwellings or overflows onto the ground. These conditions reduce the efficiency of the sanitary sewers and limit the future capacity of the sanitary sewers thus reducing the ability of the City to serve future customers and provide cost effective services.

The use of micromonitors in other studies have shown that the parts of the collection system requiring costly rehabilitation can be reduced by up to 75% by concentrating on the areas that have storm water entering the sanitary sewers and eliminating the areas that do not show a response to storm water. Because the savings is in what is not found versus what is found the use of micromonitors can efficiently and economically save the City money and determine the areas that do need to be addressed to ensure the sewers are as efficient and operating as they should.

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficiency	Type of Request	Grant

Project Information		
Has this project been submitted for consideration in previous LGIF Rounds?	☐ Yes	☑ No
If yes, in which Round(s)?		
What was the project name?		
What entity was the lead applicant?		

Past Success

Provide a summary of past efforts to implement a project to improve efficiency, implement shared services, coproduction, or a merger (5 points).

Through the use of micromonitors a community is able to able to zero in on collection system deficiencies without implementing a communitywide sanitary sewer evaluation thus saving time and money.

The City of Florence, Kentucky was experiencing issues with storm water entering its sanitary sewer resulting in higher costs and a reduction in capacity to serve its existing and future customers. Traditional sanitary sewer evaluations require the entire collection system to be surveyed. Through the use of seven micromonitors the City was able to monitor 26 locations and determine that out of the 26 locations there were only 8 areas with high rates of storm water entering the system. This pilot survey saved the City $250,000 and eliminated the majority of the areas of concern.

An additional survey was done in the Village of Milford Center, Ohio. The survey used 10 micromonitors throughout two months and the data obtained was able to reduce the potential area of concern from 30,000 feet of sanitary sewer to 1,900 feet of sewer. The initial phase saved the Village over $50,000 in costs associated with CCTV and ultimately save the Village over a million dollars by fixing the areas that are bad.

Applicant demonstrates Past Success ☑ Yes ☐ No

Scalable

Provide a summary of how the applicant's proposal can be scaled for the inclusion of other entities (5 points).

Because of the nature of micromonitoring it can easily be adapted to smaller or larger areas and obtain the same results. The entire philosophy of mircomonitoring is that it can efficiently and economically locate sources of storm water in sanitary sewers with just a few storm events. The more meters you can provide the more in depth your results can be. Whether you are trying to study an area as big as the entire City or just a subdivision in the City the micromonitor can locate the areas that produce results that show that the section being studied shows signs of storm water or not.

Applicant demonstrates a Scalable project ☑ Yes ☐ No

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficiency	Type of Request	Grant

Replicable

Provide a summary of how the applicant's proposal can be replicated by other entities. A replicable project should include a component that another entity could use as a tool to implement a similar project (5 points).

As stated previously the entire philosophy of micromonitoring is that it can be tailored to fit any size area from an entire City down to a street or subdivision. This technology has been used in projects as big as Clayton County Georgia who serves 275,000 residents and wanted to eliminate storm water in its sanitary sewers to ensure that the treatment facility could gain additional treatment capacity without the capital costs of expanding the treatment facility to provide the necessary capacity and as small as the Village of Milford Center who serves 369 residents and wanted to eliminate the storm water from their system to reduce costs associated with treatment by the City of Marysville. Not only will the Village save money in capital costs by narrowing the system down to those areas that actually have problems but will also save money in treatment costs which are as much as $12,000 a month more than they should be.

Applicant demonstrates a Replicable project ☑ Yes ☐ No

Probability of Success

Provide a summary of the likelihood of the grant study recommendations being implemented. Applicants requesting an implementation loan should provide a summary of the probability of savings from the loan request (5 points).

The City of Jackson has recently studied expanding its wastewater treatment plant to provide for additional capacity and eliminate bypasses that occur during wet weather events. The use of micromonitoring is being considered because it may save the City the millions of dollars it may costs to expand the existing facility. The next step to ensuring the City can provide adequate service to its existing customers and ensure capacity for future customers is addressing the collection system. The City has over a 27 miles of sanitary sewer and completing a traditional study would be costly and most likely would not provide the same results as the micromonitoring study will. The traditional study requires that the entire system be studied, through the use of micrometers the City will only study those areas that show a problem thus reducing costs and the time required to address. Since the City's goal is to provide the best service at the lowest possible cost this plan provides for the highest success. Once the study is completed then the City will pursue additional sources of grant and low interest loans that will be paid back through user fees.

Since 2009, micromonitoring has been utilized successfully in identifying sources of storm water for numerous projects varying in size, scope, and location from Calgary to Atlanta.

Applicant demonstrates Probability of Success ☑ Yes ☐ No

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficiency	Type of Request	Grant

Performance Audit/Cost Benchmarking
If the project is the result of recommendations from a prior performance audit provided by the Auditor of State under Chapter 117 of the Ohio Revised Code, or is informed by a previous cost benchmarking study, please attach a copy with the supporting documents. In the section below, provide a summary of the performance audit findings or cost bench marking study results (5 points).
Prior Performance Audit or Cost Benchmarking ☐ Yes ☑ No

Economic Impact
Provide a summary of how the proposal will promote a business environment through a private sector parter (5 points) and/or provide for community attraction (3 points).
The number one way to ensure a City is attractive to potential businesses is if it has the necessary infrastructure to provide service to the business including its suppliers and support services. Currently the City's sanitary sewers are limited in there capacity of sanitary sewer that can be conveyed and the storm water entering the system reduces that capacity even more. By eliminating the storm water the City can effectively create additional capacity in the existing system thus allowing for more capacity to serve new businesses and residents at very low costs as compared to just installing larger lines to convey not only the sanitary sewer but also the storm water. Based on flows monitored at the wastewater treatment plant it is anticipated that if the storm water can be removed from the collection system the existing capacity can be increased by several hundred thousand gallons per day. That additional capacity would provide numerous opportunities to serve future businesses that would currently have to be turned away.
Applicant demonstrates Economic Impact ☑ Yes ☐ No

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficiency	Type of Request	Grant

Response to Economic Demand
Provide a summary of how the project responds to substantial changes in economic demand for local or regional government services. The narrative should include a description of the current and future expected servce level needs (5 points).
With the weakening economy it is imperative that the City be able to provide the necessary services at the lowest possible costs. Any business looking to locate to the City is going to be looking at available infrastructure and the costs associated with that service. If the City of Jackson does not have capacity to serve additional users and can not provide those services at a fair price then businesses and residents will search out other areas that can. It is imperative that the City ensure that its infrastructure is top notch and is affordable to ensure that the City can attract future businesses and sustain its position in the market. Also if the City can not find economical ways to improve its current situation its risks existing businesses in the City moving to other areas that they find more affordable and with better infrastructure.
Applicant demonstrates Response to Economic Demand ☑ Yes ☐ No

Section 3 Project Information

Budget Information

General Instructions

• Both the Project Budget and Program Budgets are required to be filled out in this form.

•Consolidate budget information to fit in the form. Additional budget detail may be provided in the budget narrative or in an attachment

Project Budget:

- The Project Budget should detail expenses related to the grant or loan project.
- The Project Budget justification must be explained in the Project Budget Narrative section of the application. This section is also used to explain the reasoning behind any items on the budget that are not self explanatory, and provide additonal detail about project expenses.
- The Project Budget should be for the period that covers the entire project. The look-back period for in-kind contributions is two years. These contributions are considered a part of the total project costs.
- For the Project Budget, indicate which entity and revenue source will be used to fund each expense. This information will be used to help determine eligible project expenses.
- Total Sources must equal Total Uses. Include staff time and other in-kind matches in the Total Uses section of the budget.

Program Budget

- Use the Program Budget to outline the costs associated with the implementation of the program in your community.
- Six (6) years of Program Budgets should be provided. The standard submission should include three years previous budgets (actual), and three years of projections including implementation of the proposed project. A second set of three years of projections (one set including implementation of this program, and one set where no shared services occurred) may be provided in lieu of three years previous if this does not apply to the proposed project.
- Please use the Program Budget Narrative section to explain changes in expenses and revenues, and to defend the budget projections. If the budget requires the combining of costs on the budget template, please explain this in the narrative.

Return on Investment:

- A Return on Investment calculation is required, and should reference cost savings, cost avoidance and/or increased revenues indicated in Program Budget sections of the application. Use the space designated for narrative to justify this calculation, using references when appropriate.

For Loan Applications only:

- Using the space provided, outline a loan repayment structure.
- Attach three years prior financial documents related to the financial health of the lead applicant (balance sheet, income statement and a statement of cash flows).

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efl	Type of Request	Grant

Project Budget

Use this space to outline all sources of funds and the uses of those funds. Both sections should include all funds related to the project, including in-kind match contributions. Use the project budget narrative on the next page to justify the project budget, and indicate the line items for which the grant will be used.

Sources of Funds

LGIF Request:		$100,000
Cash Match (List Sources Below):		
Source:	City of Jackson	$25,000
Source:		
Source:		
Source:		
In-Kind Match (List Sources Below):		
Source:		
Source:		
Source:		
Total Match:		$25,000
Total Sources:		$125,000

Uses of Funds

	Amount	Revenue Source
Consultant Fees:	$125,000	LGIF/ City of Jackson
Legal Fees:		
Other:_____		
Other:_____		
Other:_____		
Other:_____		
Other:_____		
Other:_____		
Other:_____		
Other:_____		
Total Uses:	$125,000	
Local Match Percentage:	20%	

* Please note that this match percentage will be included in your grant/loan agreement and cannot be changed after awards are made.

Local Match Percentage = (Match Amount/Project Cost) * 100 (10% match required)

✔ 10-39.99% (1 point) ☐ 40-69.99% (3 points) ☐ 70% or greater (5 points)

Section 4

Financial Information

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Effi	Type of Request	Grant

Project Budget Narrative: Use this space to justify any expenses that are not self-explanatory.

The fees associated with this project are to pay for a consultant to perform the necessary study to determine deficiencies in the existing sanitary sewer collection system that reduces the efficiency of the City to provide the necessary services. The fees include equipment, labor and material to study the system and locate those areas that shows signs of storm water and eliminate those areas that are found to be acceptable.

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficien(	Type of Request	Grant

Program Budget

Actual ✔ Projected	FY 2013	FY 2014	FY 2015
Expenses	**Total Program Expenses**	**Total Program Expenses**	**Total Program Expenses**
Salary and Benefits			
Contract Services	$35,000	$125,000	$25,000
Occupancy (rent, utilities, maintenance)			
Training & Professional Development			
Insurance			
Travel			
Capital & Equipment Expenses			
Supplies, Printing, Copying & Postage			
Evaluation			
Marketing			
Conferences, meetings, etc.			
Administration			
*Other -			
*Other -			
*Other -			
TOTAL EXPENSES			
	Revenues	**Revenues**	**Revenues**
Contributions, Gifts, Grants, & Earned Revenue			
Local Government: City of Jackson	$35,000	$25,000	$25,000
Local Government:			
Local Government:			
State Government			
Federal Government			
**Other -*			
**Other -*			
**Other -*			
Membership Income			
Program Service Fees			
Investment Income			
TOTAL REVENUES			

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficienc	Type of Request	Grant

Program Budget

Actual ☐ Projected ✔	FY 2016	FY 2017	FY 2018
Expenses	**Total Program Expenses**	**Total Program Expenses**	**Total Program Expenses**
Salary and Benefits			
Contract Services	$25,000	$25,000	$25,000
Occupancy (rent, utilities, maintenance)			
Training & Professional Development			
Insurance			
Travel			
Capital & Equipment Expenses			
Supplies, Printing, Copying & Postage			
Evaluation			
Marketing			
Conferences, meetings, etc.			
Administration			
*Other -_____			
*Other -_____			
*Other -_____			
TOTAL EXPENSES			
	Revenues	**Revenues**	**Revenues**
Contributions, Gifts, Grants, & Earned Revenue			
Local Government: City of Jackson	$25,000	$25,000	$25,000
Local Government: _____			
Local Government: _____			
State Government			
Federal Government			
**Other -* _____			
**Other -* _____			
**Other -* _____			
Membership Income			
Program Service Fees			
Investment Income			
TOTAL REVENUES			

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficienc	Type of Request	Grant

Program Budget

Use this space to justify your program budget and/or explain any assumptions used for the budget projections. These projections should be based on research, case studies, or industry standards and include a thoughtful justification.

The proposed budget includes a first round of micromonitoring in 2013 that will study the City and narrow down the areas of concern to allow for future and more in depth monitoring to improve on the findings.

In 2014 the City will embark on additional flow monitoring to further isolate those areas of concern and reduce the overall capital costs associates with replacing sewers .

In years 2015 though 2018 the budget is to do some more flow monitoring that will be used to fine tune the areas depicted in the previous phases. The cost for these years are reduced because the previous years will result in capital improvement projects to address the findings.

Section 4: Financial Information Scoring

- [x] (5 points) Applicant provided complete and accurate budget information and narrative justification for a total of six fiscal years.
- [ ] (3 points) Applicant provided complete and accurate budget information and for at least three fiscal years.
- [ ] (1 point) Applicant provided complete and accurate budget information for less than three fiscal years.

Lead Applicant	City of Jackson	Round 5	
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Return On Investment

Return on Investment is a performance measure used to evaluate the efficiency of an investment. To derive the expected return on investment, divide the net gains of the project by the net costs. For these calculations, please use the implementation gains and costs, NOT the project costs (the cost of the feasibility, planning, or management study)--unless the results of this study will lead to direct savings without additional implementation costs. The gains from this project should be derived from the prior and future program budgets provided, and should be justified in the return on investment narrative.

Return on Investment Formulas:

Consider the following questions when determining the appropriate ROI formula for your project. Check the box of the formula that you are using to determine your ROI. These numbers should refer to savings/revenues illustrated in projected budgets.

Do you expect cost savings from efficiency from your project?

(●) Use this formula: $\frac{\text{Total \$ Saved}}{\text{Total Program Costs}}$ * 100 = ROI

Do you expect cost avoidance from the implementation of your project/program?

( ) Use this formula: $\frac{\text{Total Cost Avoided}}{\text{Total Program Costs}}$ * 100 = ROI

Do you expect increased revenues as a result of your project/program?

( ) Use this formula: $\frac{\text{Total New Revenue}}{\text{Total Program Costs}}$ * 100 = ROI

Do you expect some combination of savings, cost avoidance, or increased revenue as a result of your project/program? (Total Gains combines $ Saved, Costs Avoided, and New Revenue)

( ) Use this formula: $\frac{\text{Total Gains}}{\text{Total Program Costs}}$ * 100 = ROI

Expected Return on Investment = $\frac{\$4,371,840}{\$260,000}$ * 100 = 1,681%

Expected Return on Investment is:

☐ Less than 25% (10 points) ☐ 25%-75% (20 points) ☑ Greater than 25% (30 points)

Questions about how to calculate ROI? Please contact the Office of Redevelopment at 614-995-2292 or lgif@development.ohio.gov

Section 4

Financial Information

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficiency Study	Type of Request	Grant

Return on Investment Justification Narrative: In the space below, describe the nature of the expected return on investment, providing justification for the numbers presented in the ROI calculation. This calculation should be based on the savings, cost avoidance, or increased revenues shown in the program budgets on the preceeding pages. Use references when appropriate to justify assumptions used for cost projections.

The ROI on this project will be on the money saved by not having to study those areas that do not require additional study because the micromonitoring shows no signs of storm water. Until the study is completed it is difficult to quantify but previous studies have shown that up to 75% of the system can be removed because the micromonitoring shows only those areas affected. Assuming the City has 19 miles of sanitary sewer and the 75% of the system can be eliminated that means 109,300 feet of sanitary sewer will not be studied any further. Assuming an average cost of $40.00 per foot to line sewers the potential savings over traditional studies is $4,371,840. This still leaves 36,428 feet of sewer that may need addressed but additional savings may be realized if the sources turn out to be private sources that do not require the City to expend funds to address.

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficiency Study	Type of Request	Grant

Loan Repayment Structure

Please outline your preferred loan repayment structure. At a minimum, please include the following: the entities responsible for repayment of the loan, all parties responsible for providing match amounts and an alternative funding source (in lieu of collateral). Applicants will have two years to complete their project upon execution of the loan agreement, and the repayment period will begin upon the final disbursement of the loan funds. A description of expected savings over the term of the loan may be used as a repayment source.

Applicant demonstrates a viable repayment source to support loan award. Secondary source can be in the form of a debt reserve, bank participation, a guarantee from a local entity, or other collateral (i.e. emergency, rainy day, or contingency fund, etc).

☐ Applicant clearly demonstrates a secondary repayment source (5 points)	☑ Applicant does not have a secondary repayment source (0 points)

Lead Applicant	City of Jackson	Round 5	
Project Name	Jackson Micromonitoring Efficiency Study	Type of Request	Grant

Scoring Overview

Collaborative Measures	Description	Max Points		Applicant Self Score
Section 1: Collaborative Measures				
Population	Applicant's population (or the population of the area(s) served) falls within one of the listed categories as determined by the U.S. Census Bureau. Population scoring will be determined by the **smallest** population listed in the application. Applications from (or collaborating with) small communities are preferred.	5		5
Participating Entities	Applicant has executed partnership agreements outlining all collaborative partners and participation agreements and has resolutions of support. (Note: Sole applicants only need to provide a resolution of support from its governing entity.	5		1
Section 2: Success Measures				
Past Success	Applicant has successfully implemented, or is following project guidance from a shared services model, for an efficiency, shared service, coproduction or merger project in the past.	5		5
Scalable	Applicant's proposal can be scaled for the inclusion of other entities.	5		5
Replicable	Applicant's proposal can be replicated by other local governments.	5		5
Probability of Success	Applicant provides a documented need for the project and clearly outlines the likelihood of the need being met.	5		5
Section 3: Significance Measures				
Performance Audit Implementation/Cost Benchmarking	The project implements a single recommendation from a performance audit provided by the Auditor of State under Chapter 117 of the Ohio Revised Code or is informed by cost benchmarking.	5		0
Economic Impact	Applicant demonstrates the project will promote a business environment (i.e., demonstrates a business relationship resulting from the project) and will provide for community attraction (i.e., cost avoidance with respect to taxes).	5		5
Response to Economic Demand	The project responds to current substantial changes in economic demand for local or regional government services.	5		5
Section 4: Financial Measures				
Financial Information	Applicant includes financial information (i.e., service related operating budgets) for the most recent three years and the three year period following the project. The financial information must be directly related to the scope of the project and will be used as the cost basis for determining any savings resulting from the project.	5		5
Local Match	Percentage of local matching funds being contributed to the project. This may include in-kind contributions.	5		1
Expected Return	Applicant demonstrates as a percentage of savings (i.e., actual savings, increased revenue, or cost avoidance) an expected return. The return must be derived from the applicant's cost basis.	30		30
Repayment Structure (Loan Only)	Applicant demonstrates a viable repayment source to support loan award. Secondary source can be in the form of a debt reserve, bank participation, a guarantee from a local entity, or other collateral (i.e., emergency fund, rainy day fund, contingency fund, etc.).	5		0
			Total Points	72

Bent, Nicole

From: Silcott, Gary <Gary.Silcott@stantec.com>
Sent: Wednesday, April 10, 2013 10:16 AM
To: DSA lgif
Cc: Bill Sheward (wsheward@jacksonohio.us)
Subject: Cure - Jackson Micromonitoing Efficency Study

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Cure Documents

The following is the response for the City of Jackson application

Item 4 – Program Budget

The program budget was prepared by Stantec Consulting Services, Inc. and includes up to 10 meters for a 3 month period for the first round of micromonitoring. It also reflects the fact that once the initial micromonitoring is completed and areas of concern are eliminated the cost for future monitoring will be less. The initial budget is for a large portion of the City and once the results of that study are completed future studies on a smaller scale will follow to further eliminate other areas in the City and reduce overall capital costs for repairing the problem areas.

Item 5 – Return on Investment

Micromonitoring is a tool that helps reduce capital costs associated with traditional sewer rehabilitation. In traditional sanitary sewer rehab work the thought was to take a shot gun approach and line all the sewer lines in an area where I&I is prevalent. A rule of thumb for lining and 8 inch sanitary sewer is around $40.00 per foot. Through the use of micromonitoring we can narrow down the sources thus reduce the amount of sewer that needs traditional rehab. Previous studies have resulted in a 75% reduction of sewers by determining that they did not have excessive I&I thus saving the municipalities 75% of the rehab cost and also eliminated further study of the area. The unspent capital costs for not doing a shot gun approach is the savings that can be realized when we eliminate areas from sewer rehabilitation.

Please let us know if you have any questions or need additional information.

Gary Silcott
Senior Associate
Stantec
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Fx: (740) 380-3535
Cell: (614) 374-0117
Email: Gary.Silcott@stantec.com
stantec.com

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Please consider the environment before printing this email.

Sponsor Brown/Elliott

RESOLUTION NO. 09-13

A RESOLUTION AUTHORIZING THE MAYOR OF THE CITY OF JACKSON OR HIS DESIGNEE TO FILE AN APPLICATION FOR A LOCAL GOVERNMENT INNOVATION FUND GRANT FOR THE PURPOSE OF INVESTIGATING THE SEWER SYSTEM TO DETERMINE AREAS OF STORM WATER INFLOW AND DECLARING AN EMERGENCY.

WHEREAS, there are funds that may be available through the Local Government Innovation Fund Grant for use in the investigation of the sewer system to determine areas of storm water inflow; and

WHEREAS, the application must be filed immediately to increase the City's chance of obtaining the funds and the award of additional funds will be beneficial and necessary for the preservation of the public peace, health, safety or welfare of the City and this matter constitutes an emergency; now therefore,

BE IT RESOLVED by the legislative authority of the City of Jackson, Ohio:

SECTION 1. That the Mayor of the City of Jackson or his designated agent be and is hereby authorized to apply for the Local Government Innovation Fund Grant for use in the investigation of the sewer system to determine areas of storm water inflow.

SECTION 2. This Resolution is hereby declared to be an emergency Resolution necessary for the immediate preservation of the public peace, health or safety of the City of Jackson, Ohio. Therefore, this Resolution shall go into effect upon passage and approval by the Mayor, as provided in Ohio Revised Code Section 731.30.

SECTION 3. In the event this Resolution receives a majority vote for passage but fails to receive the required number of votes to pass as an emergency, then this Resolution shall be deemed to have passed but with no emergency clause, and shall take effect at the earliest time permitted by law.

It is hereby found and determined that all formal actions of this Council relating to the adoption of this Resolution were adopted in an open meeting of this Council, and that the deliberations of this Council that resulted in such formal actions were in a meeting open to the public in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code.

PASSED AND ADOPTED by the Legislative Authority of the Political Subdivision on this 11th day of March, 2013.

President of Council

ATTEST:

Clerk of the Legislative Authority

Approved this 11th day of March, 2013.

Mayor