



6-24-21
WITHDRAW IWSO GRANT
FORMS SECTION A-D &
REPLACE WITH THIS FORM.

2021-2022 Florida Job Growth Grant Fund Public Infrastructure Grant Proposal

Proposal Instructions: Please read this document carefully and provide the information requested below. Some questions may request that a separate narrative be completed. If additional space is needed, attach a word document with your entire answer.

Governmental Entity Information

Name of Governmental Entity: Immokalee Water and Sewer District
Government Federal Employer Identification Number: [REDACTED]

Primary Contact Name: Sarah Catala
Title: Executive Director
Mailing Address: 1020 Sanitation Road
Immokalee, FL 34142
Phone Number: 239.658.3630
Email: sarahcatala@iw-sd.com

Secondary Contact Name: _____
Title: _____
Phone Number: _____

Public Infrastructure Grant Eligibility

Pursuant to section 288.101, F.S., the Florida Job Growth Grant Fund was created to promote economic opportunity by improving public infrastructure and enhancing workforce training. Eligible entities that wish to access this grant fund must submit public infrastructure proposals that:

- Promote economic recovery in specific regions of the state, economic diversification or economic enhancement in a targeted industry. ([View Florida's Targeted Industries here.](#))
- Are not for the exclusive benefit of any single company, corporation, or business entity.
- Are for infrastructure that is owned by the public and is for public use or predominately benefits the Public.

1. Program Requirements:

(If additional space is needed, attach a word document with your entire answer.)

Each proposal must include the following information describing how the project satisfies eligibility requirements listed on page 1.

A. Provide a detailed description of the public infrastructure improvements.

Install a cured in place pipe liner in a section of gravity sewer in Immokalee Florida for the Immokalee Water and Sewer District.

B. Provide location of public infrastructure, including physical address and county of project.

The project would be located at 1800 Farm Worker Way, North 18th & Roberts Rd, and service area I in Immokalee, Florida,

C. Is this infrastructure currently owned by the public? Yes No

If no, is there a current option to purchase or right of way provided to the County?

D. Provide current property owner.

Immokalee Water and Sewer District

E. Is this infrastructure for public use or does it predominately benefit the public?

Yes No

F. Will the public infrastructure improvements be for the exclusive benefit of any single company, corporation, or business entity?

Yes No

- G.** Provide a detailed description of, and quantitative evidence demonstrating, how the proposed public infrastructure project will promote:
- Economic recovery in specific regions of the state;
 - Economic diversification; or
 - Economic enhancement of a Targeted Industry ([View Florida's Targeted Industries here.](#))
 - Describe how the project will promote specific job growth. Include the number of jobs that will be retained or created, and in which industry(ies) the new net jobs will be created using the North American Industry Classification System ([NAICS](#)) codes. Where applicable, you may list specific businesses that will retain or create jobs or make capital investment.
 - Provide a detailed explanation of how the public infrastructure improvements will connect to a broader economic development vision for the community and benefit additional current or future businesses.

Please see attached

2. Additional Information:

(If additional space is needed, attach a word document with your entire answer.)

- A.** Provide the proposed commencement date and number of days required to complete construction of the public infrastructure project.

Proposed Commencement Date - August 1, 2021
Construction Time - 90 days

- B.** What permits are necessary for the public infrastructure project?

None - Project is considered maintenance

- C. Detail whether required permits have been secured, and if not, detail the timeline for securing these permits. Additionally, if any required permits are local permits, will these permits be prioritized?

None - Project is considered maintenance

- D. What is the future land use and zoning designation on the proposed site of the infrastructure improvements, and will the improvements conform to those uses?

There are no land use or zoning changes proposed.

- E. Will an amendment to the local comprehensive plan or a development order be required on the site of the proposed project or on adjacent property to accommodate the infrastructure and potential current or future job creation opportunities? If yes, please detail the timeline.

Yes No

There are no amendments to the local comprehensive plan or development orders required.

- F. Is the project ready to commence upon grant fund approval and contract execution? If no, please explain.

Yes No

Construction can begin immediately if the District does not have to publicly advertise and bid the project. Otherwise, construction can begin within 60-90 days.

- G. Does this project have a local match amount? Yes No

If yes, please describe the entity providing the match and the amount.

The project will be fully funded by the grant request.

- H. Provide any additional information or attachments to be considered for this proposal. Maps and other supporting documents are encouraged.

Please see the attached documentation.

Please see the attached documentation.

3. Program Budget

(If additional space is needed, attach a word document with your entire answer.)

Estimated Costs and Sources of Funding: Include all applicable public infrastructure costs and other funding sources available to support the proposal.

1.) **Total Amount Requested** \$ 2,921,051
 Florida Job Growth Grant Fund

A. Other Public Infrastructure Project Funding Sources:

City/County	<u>\$0.00</u>	
Private Sources	<u>\$0.00</u>	
Other (grants, etc.)	<u>\$0.00</u>	Please Specify: <u>None</u>
Total Other Funding	<u>\$0.00</u>	

B. Public Infrastructure Project Costs:

Construction	<u>\$2,292,543</u>	
Reconstruction	<u>\$0</u>	
Design & Engineering	<u>\$170,000</u>	
Land Acquisition	<u>\$0</u>	
Land Improvement	<u>\$0</u>	
Other	<u>\$458,508</u>	Please Specify: <u>Contingency</u>
Total Project Costs	<u>\$ 2,921,051</u>	

Note: The total amount requested must be calculated by subtracting the total Other Public Infrastructure Project Funding Sources in A. from the total Public Infrastructure Project Costs in B.

- C. Provide a detailed budget narrative, including the timing and steps necessary to obtain the funding and any other pertinent budget-related information.

The Immokalee Water & Sewer District Board is aware and supportive of staff applying for grant funds. Once the District is notified of the grant award, the contract will be approved by the Board in a regularly scheduled meeting (a shorter time frame can be accommodated if needed) – 30 days
Once the contract is executed, a construction contract will be publicly advertised (if necessary) and awarded within 45 days.

Construction is estimated to be completed within three (3) months from award.

4. Approvals and Authority

(If additional space is needed, attach a word document with your entire answer.)

- A. If the governmental entity is awarded grant funds based on this proposal, what approvals must be obtained before it can execute a grant agreement with the Florida Department of Economic Opportunity (e.g., approval of a board, commission, or council)?

The Immokalee Water and Sewer District's Board would need to approve the grant agreement.

If board authorization is not required, who is authorized to sign?

- B. If approval of a board, commission, council, or other group is needed prior to execution of an agreement between the governmental entity and the Florida Department of Economic Opportunity:

- i. Provide the schedule of upcoming meetings for the group for a period of at least six months.
- ii. State whether entity is willing and able to hold special meetings, and if so, upon how many days' notice.

Immokalee Water and Sewer District's Board of Commissioners Meeting Schedule for 2021 is May 19, June 9, July 21, August 18, September 15. A special meeting is possible with a two week notice

- C. Attach evidence that the undersigned has all necessary authority to execute this proposal on behalf of the governmental entity. This evidence may take a variety of forms, including but not limited to a delegation of authority, citation to relevant laws or codes, policy documents, etc.

Please see the attached documentation.

I, the undersigned, do hereby certify that I have express authority to sign this proposal on behalf of the above-described entity and to the best of my knowledge, that all data and information submitted in proposal is truthful and accurate and no material fact has been omitted.

Name of Governmental Entity: Immokalee Water and Sewer District

Name and Title of Authorized Representative: Sarah Catala, Executive Director

Representative Signature: 

Signature Date: 24 June 2021

**Immokalee Water and Sewer District
DEO Grant Application
Cured In Place Pipe Liner
Grant Application**

1.G This project is located in Immokalee which is designated as a Promise Zone which means the federal government identifies the area as a high poverty community in an economically distressed area. The priority of this project is to enhance public health and increase economic activity.

The District has four areas within its boundaries which still convey wastewater collections through old clay sewer pipe. It is a best practice in the wastewater industry to replace or rehab clay sewer pipe with sturdier and more cost-effective pipe materials. PVC and other cleantech resin materials that are replacements for clay pipes are more efficient and environmentally-friendly because they are less prone to crushing or snapping with a small amount of pressure.

There are two main methods for trenchless sewer pipeline rehabilitation. The first is Cure-In-Place Pipe (CIPP) and the second is Fold & Form. Both methods are similar in the way the liner is inserted into the existing sewer pipe from the existing manholes. The main differences are in the materials used and the way the liner is made to conform to the inside of the existing sewer pipe (host pipe). In either case, once cured, the liner does not depend on the host pipe for strength.

In CIPP installations, the liner is a felt “sock” that is impregnated with resin. The liner is inserted from one manhole to the next and is then filled with hot water or steam to inflate the liner so that it takes the shape of the host pipe during the curing process.

In fold and form installations, the liner comes in a “U” or “C” shape (see image below) and is made from PVC or Polyethylene (PE). The liner is inserted inside the host pipe from one manhole to the next and is filled with air or water to reform the liner into a circle. The fold and form liner thickness is usually a bit thicker than the CIPP liner thickness, which reduces the inside dimensions of the sewer and may affect the capacity of the sewer.

This project would retain and/or increase jobs across multiple businesses:

- Civil Engineering
- Construction
- Maintenance of Traffic (MOT)
- Material Supplier
- PPE Supplier
- Fuel supplier
- Convenience Store/Restaurant
- Residential/Commercial Developer
- Media/Radio

Immokalee is experiencing development. This project will provide residential/nonresidential uses a cost-effective sewer connection which will allow private capital to be focused in other areas benefiting Immokalee rather than paying to replace older clay pipes.

NAICS Code	Description	Estimated # of Jobs
54133	Civil Engineering	6
23711	Utility Construction	45
42349	PPE Supplier	4
44719	Gas Station	2
45431	Bulk Fuel Supplier	2
44512	Convenience Store	2
72251	Restaurant	4
23611	Residential Developer	15
23622	Commercial/Institutional Developer	10
51511	Radio Broadcast	2
51512	Television Broadcast	2
TOTAL		94

Single Project Cost Estimate and Savings

If the projects are combined and bid together there would be a cost savings. The mobilization, contingencies, and engineering costs would decrease due to economies of scale, as shown in the table below.

Pay Item	If the projects are bid separately.					If the projects are bid as one project	
	Section A	Section B	Section C	Section D	Sub-Total	Section A-D	Estimated Single Project Savings
Construction Cost	\$605,577	\$910,232	\$498,020	\$683,280	\$2,697,109	\$2,292,543	15%
Contingency	\$121,115	\$182,046	\$99,604	\$136,656	\$539,421	\$458,508	15%
Design Engineering	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000	\$170,000	15%
Total	\$776,692	\$1,142,278	\$647,624	\$869,936	\$3,436,530	\$2,921,051	15%

Individual Cost Estimates

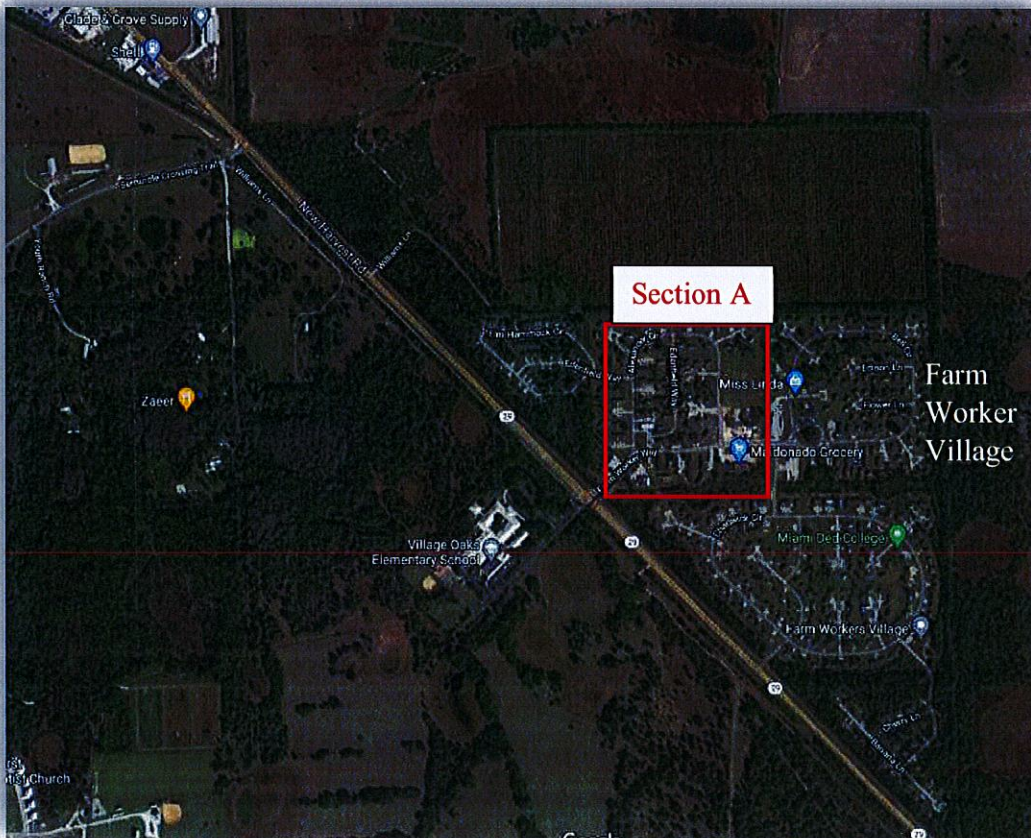
Line 8" Clay Pipe Sewers in Farm Worker's Village "A" Section					
Pay Item	Description	Unit	Quantity	Unit Price	Total
F1	8" Sewer Liner	LF	3436	\$30	\$103,080
D20	Full Circle CIP Mainline/lateral Connection interface seal	EA	85	\$2,805	\$238,425
D18	CIPP Sewer Lateral Liner (up to 15 LF)	EA	85	\$2,090	\$177,650
D19	CIPP Sewer Lateral Liner (per foot greater than 15 LF)	LF	1275	\$42	\$53,550
F8	8" Sewer Cleaning & TV Inspection	LF	3436	\$2	\$6,872
W-04	Construction Engineering	LS	1	\$26,000	\$26,000
Subtotal					\$605,577
20% Contingency					\$121,115
Design Engineering					\$50,000
Total					\$776,692

Line 8" Clay Pipe Sewers in Farm Worker's Village "B" Section					
Pay Item	Description	Unit	Quantity	Unit Price	Total
F1	8" Sewer Liner	LF	5126	\$30	\$153,780
D20	Full Circle CIP Mainline/lateral Connection interface seal	EA	128	\$2,805	\$359,040
D18	CIPP Sewer Lateral Liner (up to 15 LF)	EA	128	\$2,090	\$267,520
D19	CIPP Sewer Lateral Liner (per foot greater than 15 LF)	LF	1920	\$42	\$80,640
F8	8" Sewer Cleaning & TV Inspection	LF	5126	\$2	\$10,252
W-04	Construction Engineering	LS	1	\$39,000	\$39,000
Subtotal					\$910,232
20% Contingency					\$182,046
Design Engineering					\$50,000
Total					\$1,142,278

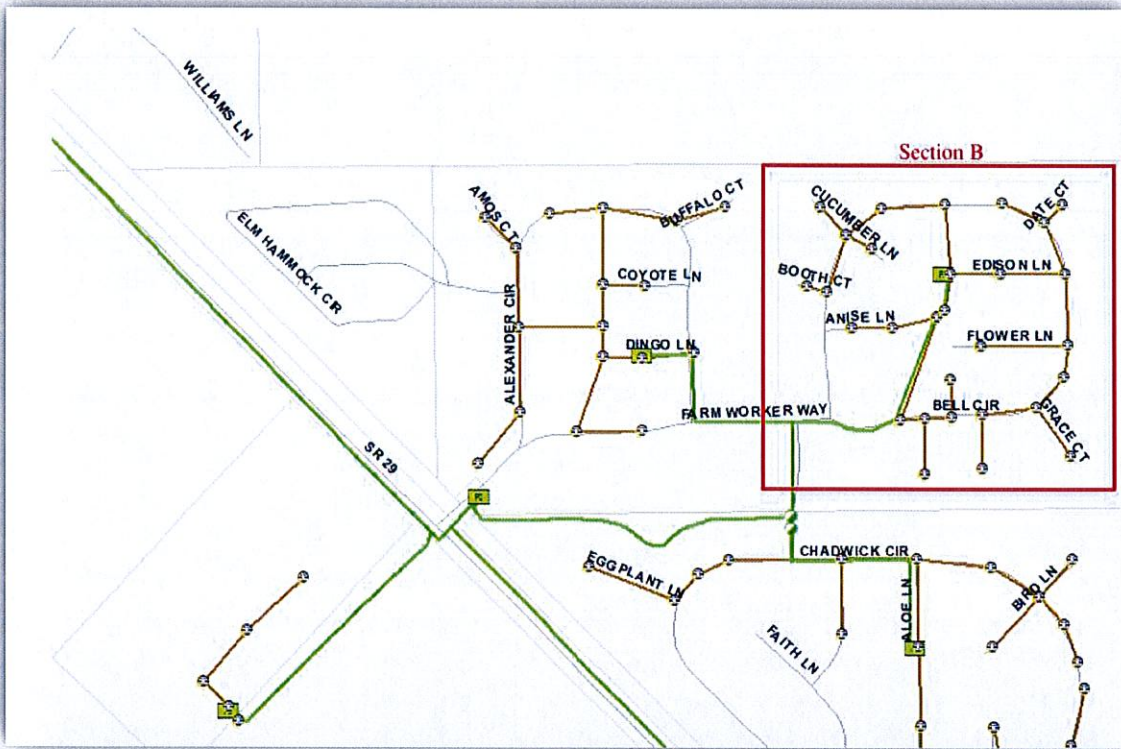
Line 18" Clay Pipe Sewers North 18th & Roberts to WWTP "C" Section					
Pay Item	Description	Unit	Quantity	Unit Price	Total
E2	18" Sewer Liner	LF	3400	\$95	323,000
D21	Full Circle CIP Mainline/lateral Connection interface seal	EA	24	\$3,135	\$75,240
D18	CIPP Sewer Lateral Liner (up to 15 LF)	EA	24	\$2,090	\$50,160
D19	CIPP Sewer Lateral Liner (per foot greater than 15 LF)	LF	360	\$42	\$15,120
E18	18" Sewer Cleaning & TV Inspection	LF	3400	\$2. ⁵⁰	\$8,500
W-04	Construction Engineering	LS	1	\$26,000	\$26,000
Subtotal					\$498,020
20% Contingency					\$99,604
Design Engineering					\$50,000
Total					\$647,624

Line 8" Clay Pipe Sewers in Service Area I - "D" Section					
Pay Item	Description	Unit	Quantity	Unit Price	Total
E2	18" Sewer Liner	LF	3965	\$30	\$118,950
D21	Full Circle CIP Mainline/lateral Connection interface seal	EA	96	\$2,805	\$269,280
D18	CIPP Sewer Lateral Liner (up to 15 LF)	EA	96	\$2,090	\$200,640
D19	CIPP Sewer Lateral Liner (per foot greater than 15 LF)	LF	1440	\$42	\$60,480
E18	18" Sewer Cleaning & TV Inspection	LF	3965	\$2	\$7,930
W-04	Construction Engineering	LS	1	\$26,000	\$26,000
Subtotal					\$683,280
20% Contingency					\$136,656
Design Engineering					\$50,000
Total					\$869,936

Project Location – Section A



Project Location – Section B



Project Location – Section D

