

Department of Public Utilities

Engineering and Construction
Services Division



tel: 954-921-3930
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June 27, 2023

Mr. Eric Meyers, PE., Program Administrator
Florida Department of Environmental Protection
Drinking Water State Revolving Fund & Water Supply Restoration Fund
3900 Commonwealth Boulevard., MS 3505
Tallahassee, FL 32399-3000
Eric.V.Meyers@FloridaDEP.gov

RE: SRF Request for Inclusion for City of Hollywood Service Line Material Inventory

Dear Mr. Meyers:

Please find attached the City's Request for Inclusion (RFI) of our Service Line Material Inventory Project, as mandated by the Lead and Copper Rule Revision of 2021. This is a very important project for the City and we would like to be considered on your upcoming hearing for funding.

Please let me know if you require any additional information to be placed on the Priority List. Should you have any questions, do not hesitate to contact me at 954-921-3930 or at wmontero@hollywoodfl.org.

Respectfully,

DocuSigned by:

Wilhelmina Montero

00C858FBF535425...

Wilhelmina Montero, P.E.

Senior Project Manager, ESSD

cc: Vincent Morello, P.E., Director of Public Utilities
Phyllis Shaw, Interim Deputy Director – Finance
Feng Jiang, P.E., Assistant Director - ESSD

1621 N. 14 Avenue
P.O. Box 229045
Hollywood, Florida
33022-9045

hollywoodfl.org

Enclosures

Exhibit A – SRF Request for Inclusion – COH Service Line Material Inventory

Exhibit B – Project Scope - COH Service Line Material Inventory

Exhibit C – Project Schedule- COH Service Line Material Inventory

Exhibit D – Project Area Map - COH Service Line Material Inventory

Department of Public Utilities

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Exhibit A – SRF Request for Inclusion – COH Service Line Material Inventory

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Florida Department of Environmental Protection

REQUEST FOR INCLUSION ON THE DRINKING WATER PRIORITY LIST

Drinking Water State Revolving Fund Program
Douglas Building, 3900 Commonwealth Blvd, Tallahassee, Florida 32399-3000

The information in this Request for Inclusion (RFI) application is used to determine project eligibility and priority scoring. The priority score is used to rank projects for placement on the State Revolving Fund (SRF) priority list. Only projects placed on the fundable portion of the priority list receive consideration for a loan. Please note that costs incurred before the adoption of the project on the fundable or waiting portion of the priority list are not eligible for reimbursement.

1. Applicant's Name and Address.

Project Sponsor: City of Hollywood, FL Contact Person: Wilhelmina Montero Title: Senior Project Manager

1621 N. 14th Avenue

(street address)

Hollywood Broward 33020

(city) (county) (zip code)

(954) 921 -3930 5618 wmontero@hollywoodfl.org

(telephone) (ext.) (e-mail)

Contact Person Address (if different):

(street address) (city) (state) (zip code)

2. Name and Address of Applicant's Consultant (if any).

Firm: Contact Person: Title:

(street address)

(city) (zip code)

(telephone) (ext.) (e-mail)

3. Type of Loan Requested in this Application. (select only one loan category and project type)

Planning Loan <input checked="" type="checkbox"/>	Design Loan <input type="checkbox"/>	Planning and Design Loan <input type="checkbox"/>	Construction Loan <input type="checkbox"/>
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Project Type: Design/Bid/Build ☐ Design/Build (D/B) ☐ Construction Manager at Risk (CMR) ☐

Note: Procurement of professional services must meet the requirements of the Consultants' Competitive Negotiation Act, Section 287.055, F.S.

Eligibility for a Loan. In order to be considered for a priority listing, the following conditions must be met:

- The respondent to this solicitation must qualify as a "project sponsor" as defined in subsection 62-552.200(27), F.A.C.
- The minimum construction loan amount is \$75,000.
- The project sponsor must agree to submit biddable plans and specifications within 1-year after execution of the loan agreement to qualify for a combined planning and design loan.

REQUEST FOR INCLUSION ON THE DRINKING WATER PRIORITY LIST

- The project is part of a public water system as defined in subsection 62-552.200(28), F.A.C., and may include drinking water supply, storage, transmission, treatment, disinfection, distribution, residuals management, and appurtenant facilities.

4. Median Household Income, Population and Principal Forgiveness Percentage (PF%). (complete a. through e. below)

- Median household income (MHI): \$50,019 (current U.S. Census data or verifiable estimates)
- State median household income (SMHI): \$50,883 (current U.S. Census data)
- Population (P) served 149,750 = number of service connections 42,000 times 2.5 persons per connection to include proposed connections.
- Is the project sponsor applying for a planning and/or design loan with principal forgiveness? Yes ☒ No ☐. If yes, then PF is 50%. *Only a sponsor that qualifies as a financially disadvantaged small community is eligible for a planning/ design loan with PF.*
- Is the project sponsor applying for a construction loan with principal forgiveness? Yes ☒ No ☐. If yes, then PF% is calculated using the formula: $PF\% = 1760/9 - 160 \times (MHI/SMHI) - 7/4500 \times P$.

Calculate PF% for a construction loan using the above formula: 38.3% (minimum 20% and maximum 90%).

If the sponsor is connecting a financially disadvantaged small community as defined below, a maximum 50% PF is available.

Please note that the calculated PF% is an estimate and the actual percentage will be determined by the Department. The amount of loan available with principal forgiveness for a project is dependent upon the amount of funds allocated for the fiscal year.

Eligibility for a loan with principal forgiveness. In order to be considered for a loan with principal forgiveness, the following conditions must be met:

- The project sponsor must qualify as a financially disadvantaged small community public water system as defined in Rule 62-552.200, F.A.C., unless the sponsor is specifically exempted from this requirement.
- The median household income (MHI) of the sponsor's service area must be less than the state median household income (SMHI) as reported from the current U.S. Census data or from verifiable estimates, unless the sponsor is specifically exempted from this requirement.
- The population (P) of the sponsor's service area must be less than 10,000 (to include the population from the project's proposed future connections), unless the sponsor is specifically exempted from this requirement.
- The project sponsor is allowed only one open loan with principal forgiveness. A loan is deemed open until the final disbursement of the project has been paid by the department.
- A project sponsor is eligible for a construction loan with principal forgiveness (maximum 50%) if connecting a community with less than 250 residential wells; an existing public water system with less than 250 service connections; or a separate, non-interconnected public water system owned by the sponsor. The project area must qualify as a financially disadvantaged small community.
- A financially disadvantaged community with a population of 10,000 or more is eligible for a construction loan with 20% principal forgiveness if dollars are available after funding all eligible financially disadvantaged small communities.
- A project sponsor that is a for-profit entity is not eligible for principal forgiveness.
- A construction project for a financially disadvantaged small community that uses a Construction Manager at Risk delivery method is ineligible for principal forgiveness.

5. Interest Rate Percentage.

The interest rate for a loan with the Department is determined using the following formula:

$$\% \text{ of MR} = 40 \times (MHI/SMHI) + 15 \quad \% \text{ of MR} = \text{Percentage of Market Rate.}$$

Calculate and enter the % of MR below:

$$\% \text{ of MR for a loan: } \underline{\$0} \quad (35\% \leq \% \text{ of MR} \leq 75\%)$$

Please note that the calculated % of MR is an estimate and the actual interest rate will be determined by the Department. The interest rate for a loan shall not be less than 0.2 percent.

6. Base Priority Score. Each project shall receive a base priority score (BPS) dependent on the weighted average of its components. The BPS shall be determined using the below formula where CPS means the component priority score and CCC means component construction cost.

$$BPS = [CPS_1 \times CCC_1 + \dots + CPS_n \times CCC_n] / \text{Total Construction Cost}$$

Select each component and component score in Table 1 below that apply to the project, enter the estimated construction costs, and calculate the base priority score.

- Component priority scores that are based on contaminant levels must be justified by sample analytical data (see exception in notes at bottom of Table 1). The date of sample collection must be less than 24-months from the submittal date of the Request for Inclusion.

REQUEST FOR INCLUSION ON THE DRINKING WATER PRIORITY LIST

- The project sponsor must provide documentation demonstrating that contaminant levels (e.g. disinfection byproducts) cannot be reduced by adjusting system operations, if applicable.
- A compliance-1 category component score of 400 points, if selected in Table 1, must be supported by documentation demonstrating the need for the project; otherwise, a component score of 300 points shall be assigned.

Table 1

Project Component (select all components that apply)	Component Priority Score	Component Construction Cost
Acute Public Health Risk <input type="checkbox"/> 1a. E-Coli or Fecal Coliform Exceed MCL (62-550.310(5), F.A.C.) <input type="checkbox"/> 1b. Nitrate, Nitrite, or Total Nitrogen Exceed MCL (62-550.310(1), F.A.C., Table 1) <input type="checkbox"/> 1c. Lead or Copper Exceed Action Level (62-550.800, F.A.C.) <input type="checkbox"/> 1d. Surface Water Filtration/Disinfection Noncompliance (62-550.817(2), F.A.C.)	800 points <input type="checkbox"/>	_____
Potential Acute Public Health Risk <input type="checkbox"/> 2a. Nitrate, Nitrite, or Total Nitrogen 50% of MCL (62-550.310(1), F.A.C., Table 1) <input type="checkbox"/> 2b. Microbiologicals Exceed MCL (62-550.310(5), F.A.C.) <input type="checkbox"/> 2c. Surface Water Enhanced Filtration/Disinfection Noncompliance (62-550.817(3), F.A.C.) <input type="checkbox"/> 2d. State Health Certification of Acute Health Risk, Unregulated Microbiological Contaminant <input type="checkbox"/> 2e. Violation of Disinfection Requirements (62-555.320(12), F.A.C.)	700 points <input type="checkbox"/>	_____
Chronic Public Health Risk <input type="checkbox"/> 3a. Inorganic/Organic Contaminant Exceed MCL (62-550.310(1) & (4), F.A.C., Tables 1,4,5) <input type="checkbox"/> 3b. Disinfection Byproducts Exceed MCL (62-550.310(3), F.A.C., Table 3) <input type="checkbox"/> 3c. Radionuclides Exceed MCL (62-550.310(6), F.A.C.)	600 points <input type="checkbox"/>	_____
Potential Chronic Public Health Risk <input type="checkbox"/> 4a. Inorganic/Organic Contaminant 50% of MCL (62-550.310(1) & (4), F.A.C., Tables 1,4,5) <input type="checkbox"/> 4b. Disinfection Byproducts 80% of MCL (62-550.310(3), F.A.C., Table 3) <input type="checkbox"/> 4c. State Health Certification of Chronic Health Risk, Unregulated Chemical Contaminant	500 points <input type="checkbox"/>	_____
Compliance-1 Projects (documentation must be attached or default to Compliance-2 score) <input type="checkbox"/> 5a. Infrastructure upgrades to facilities undersized, exceed useful life, or with equipment failures <input type="checkbox"/> 5b. Insufficient water supply source, treatment capacity, or storage <input type="checkbox"/> 5c. Water distribution system pressure less than 20 psi <input type="checkbox"/> 5d. Eliminate dead ends and provide adequate looping in a distribution system <input type="checkbox"/> 5e. Replace distribution mains to correct continual leaks, pipe breaks, and water outages <input type="checkbox"/> 5f. New water system or extension of existing system to replace contaminated or low yield wells <input type="checkbox"/> 5g. Lack of significant safety measures (e.g. chemical containment) <input type="checkbox"/> 5h. Secondary Contaminant MCL Exceedance (62-550.320, F.A.C.) <input type="checkbox"/> 5i. Drinking water supply project as defined in 403.8532(9)(a), F.S.	400 points <input type="checkbox"/>	_____
Compliance-2 Projects <input checked="" type="checkbox"/> 6a. Treatment, Storage, Power, and Distribution Requirements (62-555.320, F.A.C.) <input type="checkbox"/> 6b. Minimum Required Number of Wells (62-555.315(2), F.A.C.) <input type="checkbox"/> 6c. Well Set-back and Construction Requirements (62-555.312 and 62-555.315, F.A.C.) <input type="checkbox"/> 6d. Cross-Connection Control Requirements (62-555.360, F.A.C.) <input type="checkbox"/> 6e. Physical Security Project Documented in a Vulnerability Analysis <input type="checkbox"/> 6f. Consolidation or regionalization of public water systems <input type="checkbox"/> 6g. Water or Energy Conservation Project	300 points <input checked="" type="checkbox"/>	\$3,000,000.00
<input type="checkbox"/> 7. All Other Projects (including land or public water system acquisition projects)	100 points <input type="checkbox"/>	_____

Note: Item 2d. and 4c. of Table 1 requires a State Health Officer to complete the form "Certification of a Public Health Risk". If 50% or more of wells meet contaminant levels from Table 1 above, then select the appropriate health risk category in Table 1. Flooded wells and wells under the direct influence of surface water are considered an unregulated microbiological potential acute public health risk and require documentation of occurrence in lieu of sampling data.

7. Affordability Score. The extent of affordability existing in a small community to be served by the project shall be reflected in the priority score. Points shall be awarded based upon two affordability criteria: median household income (MHI) and population (P) served. These points are to be added to the base priority score. Calculate the affordability score using the following formulas:

$$\text{Affordability Score} = (\text{MHI Score} + \text{Population Score})$$

$$\text{MHI Score} = 100 \times (1.00 - \text{MHI}/\text{SMHI}), \text{ zero} \leq \text{MHI score} \leq 75, \text{ rounded to nearest whole number}$$

REQUEST FOR INCLUSION ON THE DRINKING WATER PRIORITY LIST

Population Score = 50.0 - (P/200), population score \geq zero, rounded to nearest whole number

8. Water Conservation Score. A project sponsor with a qualifying water conservation project is eligible to receive an additional 100 points added to their base priority score if the sponsor provides a water conservation plan in accordance with EPA's Water Conservation Plan Guidelines document number EPA-832-D-98-001, August 6, 1998.

9. Total Priority Score. Total priority score equals the base priority score plus the affordability score. (complete a. through d. below)

- a. Base priority score: 300 points.
 b. Affordability score: _____ points (> zero).
 c. Water Conservation score: _____ points.
 d. Total priority score: 300 points (sum of items a. and c.)

10. Estimated Project Cost. (complete a. through i. below)

(enter \$0 if activity is not applicable)

Project Activity

Cost

- | | |
|---|--------------------|
| a. Planning. | <u>\$3,000,000</u> |
| b. Design (not applicable if a D/B project). | _____ |
| c. Eligible land (necessary land divided by total land times purchase price). | _____ |
| d. Constr., equip., material, demo. & related procurement (include design if D/B project). | <u>\$2,000,000</u> |
| e. Construction contingency (10% of 'd', only applicable for Design/Bid/Build projects). | _____ |
| f. Technical services during construction and after bid opening. | _____ |
| g. Asset management plan per 62-552.700(7), F.A.C. | _____ |
| h. <u>Total project costs</u> (sum of a. through g.). | <u>\$3,000,000</u> |
| i. <u>Loan amount requested</u> by the sponsor in this RFI (assume no principal forgiveness). | <u>\$5,000,000</u> |

List all funding sources (including grants for this project): _____

11. Project Schedule. (complete a. through d. below)

Project Activity

(M/D/YY)

- | | |
|---|-----------------|
| a. Submit planning documents. | <u>10/16/24</u> |
| b. Submit design/bid documents or RFQ/RFP for CMR & D/B projects. | _____ |
| c. Start construction. | _____ |
| d. Complete construction. | _____ |

12. Project Information. Provide the following information, if applicable.

(select all items below that are attached to this RFI)

- ☒ Project description, location with lat/long (degrees), water system PWS ID, and project need (*this is a required attachment*).
☒ Map of city and county limits, existing and proposed service area, and project area (*this is a required attachment*).
☐ Lab data, lab data with operational records, or substantiated documentation in lieu of lab data for public health risk projects.
☐ Certification of a Public Health Risk form completed by a State Health Officer.
☐ Supporting documentation for projects identified under the Compliance-1 project categories from Table 1 above.
☒ Project schedule showing plans and specs completion within 1-year of the execution date of a planning/design loan.
☐ Supporting documentation if MHI not taken from current U.S. Census data.
☐ Water Conservation Plan in accordance with EPA guidelines.

13. Certification by an Authorized Representative. I certify that this form and attachments have been completed by me or at

my DocuSigned by: _____ formation presented herein is, to the best of my knowledge, accurate and true.

Vincent Morello

6/28/2023

vmorello@hollywoodfl.org

6385CE2A8EB545E...

(signature)

(date)

(e-mail)

Vincent Morello, P.E.

Director of Public Utilities

(print name)

(print title)

REQUEST FOR INCLUSION ON THE DRINKING WATER PRIORITY LIST

Email the completed RFI form with attachments to SRF_Reporting@dep.state.fl.us or mail to the Florida Department of Environmental Protection, State Revolving Fund Program, 3900 Commonwealth Blvd, Tallahassee, Florida 32399-3000.

Exhibit B – Project Scope - COH Service Line Material Inventory

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CITY OF HOLLYWOOD SERVICE LINE MATERIAL INVENTORY (LEAD AND COPPER RULE REVISIONS)

Project Scope

The City of Hollywood (City), located in Broward County Florida, was founded in 1925, covers approximately 30 square miles and it has a population of approximately 150,000 residents. The City provides retail water service to residents of the City of Hollywood and small portions of the Town of Davie, the City of Dania Beach, and the Seminole Tribe of Florida reservation through approximately 700 miles of water main pipe ranging from 2-inch to 36-inch diameter. Additionally, the City provides wholesale potable water service to Broward County through pipelines that serve the County's retail water customers located in its Districts 3A and 3B/C.

The City's water public system consists of wellfields, a water treatment plant as well as a distribution system, which is regulated under the Federal Safe Drinking Water Act (SDWA). The SDWA established protective drinking water standards for more than 90 contaminants, including lead and copper. Lead and copper enter drinking water primarily through plumbing materials. Exposure to lead and copper may cause health problems ranging from stomach distress to brain damage. The Environmental Protection Agency (EPA) revised the existing Lead and Copper Rule (LCRR) in 2021, to enhance implementation in the areas of monitoring, treatment, customer awareness, and lead service line replacement. One requirement under the LCRR is for utilities to develop a service line inventory (SLI) that documents the service line material on both the utility- and customer-owned portions for all water service lines in the system and submit it to the State on or before October 16, 2024.

The City is in the process of procuring professional engineering consulting services as well as general contractor services to develop a comprehensive SLI. Activities to be performed as part of this project include, but are not limited to: (1) desktop review of existing service line material historical data, (2) development of GIS survey tool and dashboard to gather, store, analyze and display service line material historical data and field verification data; (3) conduct strategic field investigations to reduce unknowns and determine the suitability of a predictive model, (3) predictive modeling (or statistical analysis, where predictive modeling is not feasible), and (4) development of the SLI and associated public facing web application by the October 16, 2024 deadline as required by the EPA.

Exhibit C – Project Schedule - COH Service Line Material Inventory

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City of Hollywood Service Line Material Inventory Lead and Copper Rule Revisions Compliance Schedule																					
ID	Task Name	Duration	Start	Finish	Predecessors	2023							2024			2025					
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1					
1	LCRR Compliance	526 days	Wed 10/12/22	Wed 10/16/24																	
2	Award To Consultant	22 days	Wed 6/21/23	Thu 7/20/23																	
3	Comission	0 days	Wed 6/21/23	Wed 6/21/23																	
4	ATP	22 days	Wed 6/21/23	Thu 7/20/23	3																
5	Bidding and Contract	272 days	Wed 10/12/22	Thu 10/26/23																	
6	Development of Bid Documents	133 days	Wed 10/12/22	Fri 4/14/23																	
7	ProCurement Review	3 days	Mon 4/17/23	Wed 4/19/23	6																
8	Bid Advertisement	0 days	Wed 4/19/23	Wed 4/19/23	7																
9	Bidding Period via OpenGov	25 days	Thu 4/20/23	Wed 5/24/23	8																
10	Bid Opening	0 days	Wed 5/24/23	Wed 5/24/23	9																
11	Bid Evaluation and Recommendation	10 days	Thu 5/25/23	Wed 6/7/23	10																
12	Resolution Legal Review	30 days	Thu 6/8/23	Wed 7/19/23	11																
13	Resolution to Commission	0 days	Wed 9/6/23	Wed 9/6/23	12FF																
14	Conformed Contract	10 days	Wed 9/6/23	Tue 9/19/23	13																
15	Contract Signature	22 days	Wed 9/20/23	Thu 10/19/23	14																
16	NTP	0 days	Thu 10/26/23	Thu 10/26/23	15FS+5 days																
17	Service Line Material Inventory	254 days	Thu 10/26/23	Wed 10/16/24																	
18	Mobilize	0 days	Thu 10/26/23	Thu 10/26/23	16																
19	Customer Notification	200 days	Fri 10/27/23	Thu 8/1/24	16																
20	Online Notification	3 days	Fri 10/27/23	Tue 10/31/23	16																
21	Inventory	249 days	Fri 11/3/23	Wed 10/16/24	19SS+5 days																
22	Lead and Copper Inventory Completion Milestone	0 days	Wed 10/16/24	Wed 10/16/24																	

Exhibit D – Project Area Map - COH Service Line Material Inventory

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City of Hollywood Water Service Area Map / Service Line Inventory Map (LCRR)

Legend:

- Water Service Area
- City Limits

