



**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	2024	2025	2026	2027	2028
Grant Expenditures	\$1,109,605				
Operating Costs					
External Revenues	(\$1,109,605)				
Program Income					
In-Kind Match (County)					
<b>NET FISCAL IMPACT</b>	<b>-0-</b>				

# ADDITIONAL FTE POSITIONS (Cumulative)	-0-				
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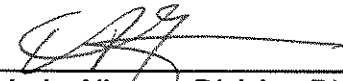
Is Item Included In Proposed Budget? Yes X No       
 Does this Item include the use of Federal funds? Yes X No     

Budget Account No.:

Fund 1101 Dept. 143 Unit 1431 Object 8201 Program Code/Period                     

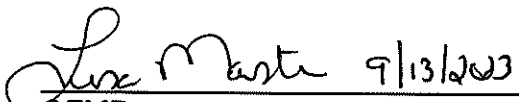
**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

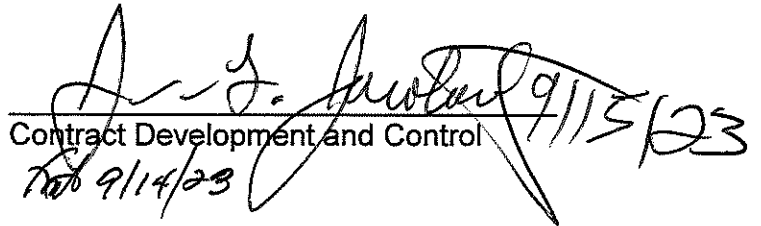
**C. Departmental Fiscal Review:**

  
 Valerie Alleyne, Division Director II  
 Finance and Administrative Services, DHED

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and/or Contract Development and Control Comments:**

  
 OFMB                      9/13/23  
 CB 9/12/23

  
 Contract Development and Control                      9/15/23  
 700 9/14/23

**B. Legal Sufficiency:**

  
 Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
 Department Director

(THIS SUMMARY IS NOT TO BE USED AS A BASIS FOR PAYMENT)

# 24-0006

**BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY, FLORIDA  
BUDGET TRANSFER**

Page 1 of 1  
BGEX-083123-1767

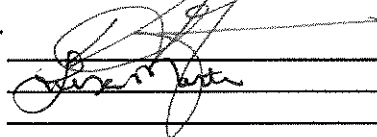
FUND 1101 - Housing and Economic Sustainability

Use this form to provide budget for items not anticipated in the budget.

ACCOUNT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED 08/31/23	REMAINING BALANCE
<b>EXPENDITURES</b>								
143-1431-8201	Contributions-Non-Govts Agences	5,473,316	5,473,316	0	1,109,605	4,363,711	992,017	4,363,711
820-1431-9211	Transfer to Capital Imprv Fd 4011	0	0	1,109,605	0	1,109,605	0	1,109,605
<b>TOTAL EXPENDITURES</b>				<b>1,109,605</b>	<b>1,109,605</b>			

Department of Housing and Economic Development  
**INITIATING DEPARTMENT/DIVISION**  
 Administration/Budget Department Approval  
 OFMB Department - Posted

**Signatures**

  
 \_\_\_\_\_  
 \_\_\_\_\_

**Date**

9/7/2023  
 9/12/2023  
 \_\_\_\_\_  
 \_\_\_\_\_

**By Board of County Commissioners**  
**At Meeting of :**  
 September 19, 2023  
 Deputy Clerk to the  
 Board of County Commissioners

24-0005

**BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY, FLORIDA  
BUDGET AMENDMENT**

**FUND 4011 - Water Utilities Capital Improvement Fund**

BGRV 090523\*574  
BGEX 090523\*1776

ACCOUNT NAME AND NUMBER	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED AS OF 9/05/2023	REMAINING BALANCE
<b>Revenues and receipts</b>							
800-4211-8015 Transfer from HES Fund 1101	0	0	1,109,605	0	1,109,605		
<b>Total Revenue and receipts</b>	<u>407,092,712</u>	<u>407,092,712</u>	<u>1,109,605</u>	<u>0</u>	<u>408,202,317</u>		
<b>Expenditures</b>							
721W038-6543 Water Transmission Mains	11,928,142	11,536,609	1,109,605	0	12,646,214	7,229,779	5,416,435
<b>Total expenditures</b>	<u>407,092,712</u>	<u>407,092,712</u>	<u>1,109,605</u>	<u>0</u>	<u>408,202,317</u>		

Office of Financial Management and Budget

Signatures & Dates

BY BOARD OF COUNTY COMMISSIONERS

INITIATING DEPARTMENT/DIVISION

AT MEETING OF

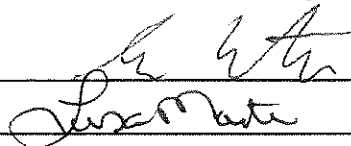
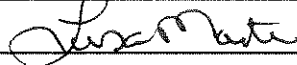
Administration/Budget Department Approval

September 19, 2023

OFMB Department - Posted

Deputy Clerk to the

Board of County Commissioners



  
 For EMB  
 9/13/2023

**MEMORANDUM OF UNDERSTANDING**

**DEPARTMENT OF HOUSING & ECONOMIC DEVELOPMENT**

and

**PALM BEACH COUNTY WATER UTILITIES DEPARTMENT**

**NORTH WEST BELLE GLADE ZONE 3**

**WATER MAIN IMPROVEMENTS**

This Memorandum of Understanding (Memorandum) is entered into on **October 1, 2023**, by and between **Palm Beach County Department of Housing & Economic Development ("DHED")**, and **Palm Beach County Water Utilities Department ("WUD")** to cooperatively complete the North West Belle Glade Water Main Improvements -Zone 3 ("**Project**").

**WHEREAS**, Palm Beach County has entered into an Inter-local Agreement with the City of Belle Glade ("City") in which the County, through WUD, agreed to advertise, bid, award the construction contract, process permitting requirements and payment applications related to the Project ("County Services").

**WHEREAS**, DHED has identified **\$1,109,605** of Federal Community Development Block Grant (CDBG) funds provided by the United States Department of Housing and Urban Development (HUD); and

**WHEREAS**, WUD, has assumed the responsibilities for the implementation of the Project and DHED has allocated **\$1,109,605** of these CDBG funds to WUD for the improvements, necessary to restore water infrastructure and provide resiliency and sustainability to the water distribution system within the Glades Region. The Project will entail the removal of existing deteriorated water main pipes for the installation and relocation of new water main pipelines located East of SR 715; South of NW Ave L; West of Main Street and North of Canal Street N; and

**WHEREAS**, WUD shall competitively procure the services of a contractor to perform the scope of work required for the water main improvements; and

**WHEREAS**, the work of the contractor requires oversight and coordination to be provided by assigned staff of WUD and the construction management team; and

**WHEREAS**, HUD requires that an inter-departmental agreement, provided as this Memorandum, be executed between DHED and WUD, as the Department implementing a federally-funded project; and

**WHEREAS**, DHED and WUD wish to enter into this Memorandum of Understanding in order to establish the terms and conditions for undertaking the Project.

**THEREFORE**, in consideration of the mutual promises and covenants herein contained, it is agreed as follows:

**(A) DHED Considerations:**

- a. Shall provide WUD with the Federal requirements applicable to construction contracts as they relate to the use of CDBG funds (including but not limited to, Davis-Bacon and Related Acts (DBRA), requirements established under 2 Code of Federal Regulations (CFR) Part 184 Build America, Buy America Act and (CFR) Part 200 Uniform Administrative Standards.
- b. Shall provide WUD with the language and requirements of DHED's Labor Compliance Reporting System ("LCRS"), to be utilized by the contractors for payroll review. The LCRS Web Address for contractors/subs use will be provided by DHED, along with Federal Requirements and Wage Decision(s). WUD shall require contractors and sub-contractors to utilize the LCRS and insert language requiring the use of LCRS in the bid documents, construction contracts and work orders.
- c. Shall provide WUD with forms to be completed by contractors and subcontractors as they relate to CDBG program regulations, and provide WUD with report forms to collect information needed by DHED to meet its reporting obligations to HUD.
- d. Shall provide up to **\$1,109,605** in CDBG funds to pay for eligible construction costs and fees for County Services to be reimbursed to WUD via a budget transfer mechanism.
- e. Shall update WUD with any HUD requirements associated with the use of CDBG funds that arise in the course of implementing the herein described project.
- f. Shall monitor the progress of project implementation and funds expenditure through contact with WUD and receipt from WUD of reports and/or copies of all charges made to the Project account.
- g. Shall provide WUD with a list of all necessary close-out documentation to be submitted to DHED upon project completion and no later than **January 31, 2026**.

**(B) WUD Considerations:**

- a. Shall assign qualified staff for the oversight and implementation of the Project to assure the timely completion of the project.
- b. Shall submit to DHED a copy of the construction contract award recommendation, related to BCC Agenda Item (where applicable), executed contracts and any executed change orders.

- c. Shall provide DHED with a copy of all payment requests applied against the project budget. Copies of all items charged to the project account shall be forwarded to DHED concurrently with submission to PBC Finance Department.
  - d. Shall approve and process the payment requests made against the construction contract. WUD shall not release final payment nor the contractually-required retainage accumulated from all draws until it has satisfactorily submitted all necessary project closeout documentation to DHED.
  - e. Shall be responsible for Davis-Bacon compliance in accordance with the Federal Requirements, including but not limited to, payroll review through the contractor's utilization of DHED's Labor Compliance Reporting System ("LCRS"). WUD shall require contractors and sub-contractors to utilize the LCRS and insert language requiring the use of LCRS in the bid documents, construction contracts and work orders. On-site interviews of the contractor's laborers and mechanics working at the site will also be required as part of DBRA compliance.
  - f. Shall obtain forms completed by contractors and subcontractors as they relate to CDBG and submit such forms to DHED.
  - g. Acknowledges that all project costs in excess of the \$1,109,605 of CDBG Funds provided herein are to be derived from other sources.
3. WUD acknowledges that DHED shall conduct an **Environmental Review for the Project** to determine if any adverse environmental impacts resulting from the proposed construction. Should adverse environmental impacts be discovered, applicable mitigation measures must be incorporated during Project implementation.
4. WUD shall maintain written records of work performed by its staff, and expenditures incurred in connection with this Memorandum, which records shall be maintained for five (5) years after expiration of this Memorandum.
5. All income earned by WUD, if any, from activities financed, in whole or in part, by funds provided hereunder must be reported to DHED. Such income would include, but not be limited to, income from service fees, sale of commodities, and rental or usage fees. Such income shall only be used to undertake the activities authorized by this Memorandum and as approved by DHED. Accounting and disbursement of such income shall comply with 2 CFR Parts 184 and 200 and regulations pertaining to the Community Development Block Grant Program.
6. WUD agrees to comply with the applicable uniform administrative requirements as described in the CDBG Regulations 24 CFR 570.502, 2 CFR 200 and Build America, Buy America Act 2 CFR Part 184.

7. WUD shall carry out the activities in this Memorandum in compliance with all Federal laws and regulations at Subpart K of 24 CFR Part 570, except that: (i) WUD does not assume DHED's environmental responsibilities described at 24 CFR Part 570.604; and (ii) WUD does not assume DHED's responsibility for initiating the review process under the provisions of 24 CFR Part 52.

8. WUD shall submit to DHED all necessary documentation to meet project close-out requirements and HUD reporting per the close-out list provided by DHED.

9. This Memorandum may be suspended or terminated in accordance with 2 CFR 200.338 if WUD materially fails to comply with any term hereof, and this Memorandum may be terminated for convenience in accordance with 2 CFR 200.339.

10. Upon expiration of this Memorandum, WUD shall transfer to DHED any CDBG funds on hand at the time of expiration and any accounts receivable attributable to the use of CDBG funds. Any real property under WUD's control upon expiration of this Memorandum which was acquired or improved in whole or part with CDBG funds, made available through this Memorandum, in excess of \$25,000 must either be used to meet one of the national objectives in the CDBG Regulations 24 CFR Part 570.508 for a period of five (5) years after expiration of this Memorandum, or, the WUD shall pay DHED an amount equal to the current market value of the property less any portion of the value attributable to expenditures of non-CDBG funds for the acquisition of, or improvement to, the property. **This paragraph shall not be applicable if no real property was acquired or improved with CDBG funds made available through this Memorandum.**

11. This Memorandum shall expire on the date when WUD closes out the contract with, and makes all final payments pursuant to, all contracts funded by DHED; when WUD has satisfactorily submitted all necessary documentation to DHED for project closeout; and WUD has obtained written confirmation from DHED of the completion of the Project.

12. **EXPENDITURE REQUIREMENTS:**

- **\$554,803 (50% of the CDBG funds) shall be expended by December 31, 2024.**
- **\$554,802 (100% of the CDBG funds) shall be expended by December 31, 2025.**
- **Close-out documents shall be submitted to DHED no later than January 31, 2026**

13. **GENERAL COMPLIANCE**

- A. The Subrecipient and WUD shall comply with the requirements of Title 24 of the Code of Federal Regulations, Part 570 (the U.S. Housing and Urban Development regulations concerning Community Development Block Grants (CDBG)), including subpart K of these regulations, except that (1) the Subrecipient and WUD does not assume the County's environmental responsibilities described in 24 CFR 570.604 and (2) the Subrecipient and WUD does not assume the County's responsibility for initiating the review process under the provisions of 24 CFR Part 52. The Subrecipient and WUD also agrees to comply with all other Federal, state and local laws, regulations, and policies governing the funds provided under this MOU. The Subrecipient and WUD further agrees to utilize funds available under this MOU to supplement rather than supplant funds otherwise available.



- B.** Subrecipient and WUD acknowledge that any funds received by the County from HUD, subsequent to November 14, 2022 are subject to the Federal Build America, Buy America Act as described in 2 CFR Part 184 which states that the provided funds may not be used for an infrastructure project unless:
- a) All iron and steel used in the project are produced in the United States – this means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States; and
  - b) All manufactured products used in the project are produced in the United States – This means the manufactured product was manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation; and
  - c) All construction materials are manufactured in the United States – this means that all manufacturing processes for the construction material occurred in the United States.

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**AGREED AS TO TERMS:**

**DEPARTMENT OF HOUSING & ECONOMIC DEVELOPMENT**

BY: Jonathan Brown  
Jonathan B. Brown, Director

8/24/2023  
Date

**WATER UTILITIES DEPARTMENT**

BY: Ali Bayat  
Ali Bayat, Director

8/21/23  
Date

**EXHIBIT A**  
**CONSTRUCTION BUDGET SUMMARY**

<b>NORTH WEST BELLE GLADE ZONE 3 WATER MAIN IMPROVEMENTS PHASE I</b>				
<b>DELIVERABLE</b>	<b>CDBG FUNDS</b>	<b>PBCWUD FUNDS</b>	<b>ESTIMATED / *PROBABLE CONSTRUCTION COSTS</b>	<b>TOTAL BUDGET</b>
<b>CONSTRUCTION</b>	\$1,109,605	\$4,814,395	\$5,924,000	
<b>TOTAL BUDGET</b>	\$1,109,605	\$5,890,395	*\$6,678,849	<b>\$7,000,000</b>

**1) DEFINITIONS**

- a) "County" means Palm Beach County.
- b) "CDBG" means the Community Development Block Grant Program of Palm Beach County.
- c) "DHED" means Palm Beach County Department of Housing & Economic Development.
- d) "WUD" means Palm Beach County Water Utilities Department.
- e) "Subrecipient" means the City of Belle Glade, a Subrecipient as defined in 2 CFR Part 200.
- f) "DHED Approval" means the written approval of the DHED Director or his designee.
- g) "U.S. HUD" means the Secretary of Housing and Urban Development or a person authorized to act on its behalf.
- h) "Low and Moderate Income Persons" means a member of a household whose gross annual income does not exceed 80% of the Area Median Income for Palm Beach County, adjusted by family size, and as determined and given to such term by U.S. HUD.

**2) CDBG ELIGIBLE ACTIVITIES AND NATIONAL OBJECTIVE**

WUD shall implement the herein described Phase I of the North West Belle Glade, Zone 3 Water Main Improvements, located East of SR 715; South of NW Ave L; West of Main Street and North of Canal Street N, which activities have been determined to be Public Facilities and Improvements, under 24 Code of Federal Regulations (CFR) 570.201(e). The Parties acknowledge that the eligible activities carried out under this MOU will meet a CDBG Program National Objective by benefitting Low and Moderate Income Persons on an Area-wide Basis, as described in this MOU and as defined in 24 CFR 570.208(a)(1)(i).

**3) BENEFICIARIES**

At least fifty-one percent (51%) of the beneficiaries of a project funded through this MOU must be Low and Moderate Income Persons or persons presumed to be low and moderate income. All beneficiaries of this MOU must be current residents of Palm Beach County. If the project is located in an entitlement city, as defined by U.S. HUD, or serves beneficiaries countywide, at least fifty-one percent (51%) of the beneficiaries directly assisted through the use of funds under this MOU must reside in unincorporated Palm Beach County or in Municipalities participating in the County's Urban County Qualification Program.

The project funded under this MOU shall assist beneficiaries as defined above for the time-period designated in this MOU. Upon request from DHED, the City shall provide written verification of compliance. The City shall prove compliance through verifiable and authentic documents listing domicile (P.O. Boxes are not acceptable) kept on file for each client.

4) **ADDITIONAL REFERENCE DOCUMENTS**

This Agreement is subject to CDBG regulations and Federal requirements. Subrecipient, WUD and its contractors/subcontractors shall comply with all applicable laws and regulations including, but not limited to the following:

- (A) 2 CFR Parts 184 and 200: Build America, Buy America Act, Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards;
- (B) Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975, and Title II of the Americans with Disabilities Act of 1990;
- (C) Executive Orders 11246, 11478, 11625, 12432, the Davis Bacon Act, and Section 3 of the Housing and Community Development Act of 1968, and the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended;
- (D) Executive Orders 11063, 12259, 12892, the Fair Housing Act of 1988, and Section 109 of the Housing and Community Development Act of 1974, as amended;
- (E) Florida Statutes, Chapter 112;
- (F) Palm Beach County Purchasing Code;
- (G) Federal Community Development Block Grant Regulations (24 CFR Part 570), and Federal Consolidated Plan Regulations (24 CFR Part 91), as amended;
- (H) Section 448.095, Florida Statutes (F.S.) (E-Verify): <https://www.e-verify.gov/>
- (I) Palm Beach County Five (5) Year Consolidated Plan prepared by DHED (24 CFR Part 91).

**The WUD shall keep an original of this MOU, including its Exhibits, Schedules and all Amendments thereto, on file at its principal office.**

5) **REQUIRED USE OF THE LABOR COMPLIANCE REPORTING SYSTEM (LCRS):**

As part of the County's commitment to assist the Subrecipient and its contractors/subcontractors to comply with legal and contractual requirements including Davis Bacon and Related Acts (DBRA) and Section 3 requirements at 24 CFR Part 75, the Department of Housing & Economic Development has established a Labor Compliance Reporting System ("LCRS") for this project. The WUD and contractors/subs will no longer be required to submit paper copies of fringe benefits statements, weekly-certified payroll reports and/or work performance reports, and shall instead use the LCRS for all DBRA reporting and tracking.

The LCRS is available for use 24-hours a day, 7 days a week, at no cost for reporting weekly certified payrolls, labor hours on Section 3 Covered Projects, and labor compliance related documents. Utilization of this system should also prove helpful in expediting the process of reviewing payrolls, approving progress payments to contractors and reimbursement payments to Subrecipients, County Departments and or developers.

**User Responsibilities**

- a) WUD, and its contractors/subs shall NOT create internet links to the Service or Frame or mirror any content on any other server or wireless or internet-based device.
- b) WUD, and its contractors/subs are responsible for all activity occurring under User account and shall abide by all applicable local, state, national laws, treaties and regulations in connection with the use of the service, including those related to data privacy, international communications and the transmission of technical data. The LCRS Web Address for contractors/subs use will be provided by DHED, along with Federal Requirements and Wage Decision(s).
- c) WUD shall require its contractor and subs to register through the Labor Compliance Reporting System. This language shall be contained in the WUD's Bid and Construction documents.
- d) WUD shall require all fringe benefits statements, weekly-certified payroll reports to be submitted through the LCRS and this language shall be contained in the WUD's Bid and Construction documents.

**Disclaimer of Warranties For LCRS**

County makes no representation, warranty, or guaranty as to the reliability, timeliness, quality, suitability, truth, availability, accuracy or completeness of the service or any content. County does not represent or warrant that:

- a) The use of the service will be secure, timely, uninterrupted or error-free or operate in combination with any other hardware, software, system or data.
- b) The service will meet WUD or contractor requirements or expectations.
- c) Any stored data will be accurate or reliable.
- d) The quality of any products, services, information or other material purchased or obtained by WUD or its contractors through the service will meet WUD's or contractors requirements or expectations.
- e) Errors or defects will be corrected.
- f) The service or the servers that make the service available are free of viruses or other harmful components.

All content is provided to WUD and its contractors strictly on an "AS IS" basis. All conditions, representations and warranties, whether expressed or implied, statutory or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose are hereby disclaimed to the maximum extent permitted by applicable law by County.

**PROBABLE CONSTRUCTION COST**



PALM BEACH COUNTY WATER UTILITIES DEPARTMENT  
 UTILITY ADJUSTMENTS FOR BELLE GLADE  
 ENGINEERS OPINION OF PROBABLE COST 100% SUBMITTAL  
 CSA#15 - PBCWUD # 18-002



ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED PRICE
<b>GENERAL</b>					
G-1	MOBILIZATION, DEMOBILIZATION AND GENERAL CONDITIONS (LIMITED TO 3.5% OF TOTAL CONSTRUCTION COST)	LS	1	\$ 159,670	\$ 159,670
G-2	BONDING & INSURANCE (2% OF TOTAL CONSTRUCTION COST)	LS	1	\$ 91,240	\$ 91,240
G-3	LAYOUT, SURVEY, & RECORD DRAWINGS	LF	33,720	\$ 5	\$ 168,600
G-4	PRE-CONSTRUCTION VIDEO	LF	33,720	\$ 1	\$ 33,720
G-5	MOT	LF	33,720	\$ 3	\$ 101,160
G-6	TRENCH SAFETY COMPLIANCE	LS	1	\$ 500	\$ 500
G-7	NPDES	LF	33,720	\$ 1	\$ 33,720
<b>GENERAL ITEMS SUBTOTAL</b>					<b>\$ 588,610</b>

NORTH WEST BELLE GLADE ZONE 3 WATER MAIN IMPROVEMENTS - FY2023-2024

**PROBABLE CONSTRUCTION COST CONT'D**

UTILITIES						
U-1	CLEARING AND GRUBBING	LF	10,970	\$	3	\$ 32,910
U-2	FURNISH & INSTALL 4" PVC PUSH-ON JOINT WATER MAIN	LF	900	\$	42	\$ 37,800
U-3	FURNISH & INSTALL 6" PVC PUSH-ON JOINT WATER MAIN	LF	8,700	\$	52	\$ 452,400
U-4	FURNISH & INSTALL 8" PVC PUSH-ON JOINT WATER MAIN	LF	11,315	\$	66	\$ 746,790
U-5	FURNISH & INSTALL 12" PVC PUSH-ON JOINT WATER MAIN	LF	1,315	\$	100	\$ 131,500
U-6	FURNISH & INSTALL 4" DIP PUSH-ON JOINT WATER MAIN	LF	10	\$	48	\$ 480
U-7	FURNISH & INSTALL 6" DIP PUSH-ON JOINT WATER MAIN	LF	90	\$	50	\$ 4,500
U-8	FURNISH & INSTALL 8" DIP PUSH-ON JOINT WATER MAIN	LF	110	\$	52	\$ 5,720
U-9	FURNISH & INSTALL 12" DIP PUSH-ON JOINT WATER MAIN	LF	10	\$	67	\$ 670
U-10	FURNISH & INSTALL 6" HDPE WATER MAIN VIA DIRECTIONAL DRILL	LF	300	\$	55	\$ 16,500
U-11	2" BLOWOFF ASSEMBLY WITH BOX (INCLUDES GATE VALVE)	EA	5	\$	1,150	\$ 5,750
U-12	FURNISH & INSTALL 6" GATE VALVE & VALVE BOX	EA	56	\$	1,444	\$ 80,871
U-13	FURNISH & INSTALL 8" GATE VALVE & VALVE BOX	EA	51	\$	2,010	\$ 102,500
U-14	FURNISH & INSTALL 12" GATE VALVE & VALVE BOX	EA	10	\$	3,159	\$ 31,590
U-15	FURNISH & INSTALL 6"x6" TAPPING SLEEVE W/ VALVE & VALVE BOX	EA	2	\$	5,965	\$ 11,930
U-16	FURNISH & INSTALL 12"x6" TAPPING SLEEVE W/ VALVE & VALVE BOX	EA	1	\$	8,677	\$ 8,677
U-17	FURNISH & INSTALL 12"x8" TAPPING SLEEVE W/ VALVE & VALVE BOX	EA	3	\$	9,177	\$ 27,531
U-18	FURNISH & INSTALL FIRE HYDRANT ASSEMBLY WITH CAPTIVATOR CAPS, 6" GATE VALVE & ANCHOR TEE ASSEMBLY & 10-FT OF 6" R.J. DIP	EA	29	\$	7,254	\$ 210,366
U-19	REMOVE AND SALVAGE TO PBCWUD FIRE HYDRANT ASSEMBLY	EA	29	\$	2,431	\$ 70,499
U-20	DUCTILE IRON FITTINGS FOR WATER MAIN	TN	23.0	\$	10,566	\$ 243,513
U-21	4" TO 12" DIAMETER CONNECTION TO EXISTING WATER MAIN (JOINT RESTRAINT FOR EXISTING PIPE TO BE INCLUDED)	EA	56	\$	5,186	\$ 290,399
U-22	6" DIP X PIPE ADAPTER	EA	2	\$	1,612	\$ 3,224
U-23	8" DIP X PIPE ADAPTER	EA	2	\$	782	\$ 1,564
U-24	SAMPLE POINTS W/DOUBLE STRAP SADDLE & CORP. STOP	EA	34	\$	918	\$ 31,205
U-25	SAMPLE POINTS ON FIRE HYDRANTS	EA	15	\$	500	\$ 7,500
U-26	SHORT SINGLE 5/8" METER SERVICE (1.5" PE)	EA	84	\$	1,612	\$ 135,408
U-27	SHORT DOUBLE 5/8" METER SERVICE (1.5" PE)	EA	38	\$	1,820	\$ 69,160
U-28	LONG SINGLE 5/8" METER SERVICE (1.5" PE WITH 3" CASING)	EA	54	\$	2,366	\$ 127,764
U-29	LONG DOUBLE 5/8" METER SERVICE (1.5" PE WITH 3" CASING)	EA	25	\$	2,665	\$ 66,625
U-30	EXTRA LONG WATER SERVICE WITH CASING (1 1/2" OR 2" HDPE WITH 3" OR 4" CASING)	EA	1	\$	15	\$ 15
U-31	INSTALL METER BOX (INCLUDES CONNECTION TO METER)	EA	201	\$	1,129	\$ 226,911
U-32	ADDITIONAL COST TO INSTALL/PROVIDE TIER 15 TRAFFIC RATED METER BOX AND LID	EA	2	\$	2,258	\$ 4,516
U-33	BACKFLOW PREVENTOR	EA	1	\$	3,000	\$ 3,000
U-34	REAR TO FRONT WATER SERVICE CONVERSION (UP TO 200-FT)	EA	14	\$	2,000	\$ 28,000
U-35	SEWER LATERAL ADJUSTMENT	EA	57	\$	824	\$ 46,968
U-36	GROUTING/DEACTIVATION OF EXISTING PIPE	LF	16,553	\$	12	\$ 198,636
U-37	2" CAP AND ABANDON EX. WM	LF	9,379	\$	1	\$ 9,379
U-38	DEMUCKING WITH IMPORTED CLEAN FILL	CY	23,946	\$	16	\$ 383,136
U-39	DENSITY TEST	EA	457	\$	44	\$ 20,199
U-40	PROCTOR TEST	EA	14	\$	100	\$ 1,400
U-41	CONCRETE CYLINDER TESTING	EA	10	\$	100	\$ 1,000
U-42	FURNISH & INSTALL 24"x6" TAPPING SLEEVE W/ VALVE & VALVE BOX	EA	1	\$	8,685	\$ 8,685
U-43	FURNISH & INSTALL 24"x8" TAPPING SLEEVE W/ VALVE & VALVE BOX	EA	1	\$	9,436	\$ 9,436
U-44	REMOVAL AND DISPOSAL OF 4" TO 12" EXISTING WATER MAIN	LF	800	\$	23	\$ 18,400
U-45	FURNISH & INSTALL 24" DIP PUSH-ON JOINT WATER MAIN	LF	10	\$	250	\$ 2,500

NORTH WEST BELLE GLADE ZONE 3 WATER MAIN IMPROVEMENTS - FY2023-2024

**PROBABLE CONSTRUCTION COST CONT'D**



PALM BEACH COUNTY WATER UTILITIES DEPARTMENT  
 UTILITY ADJUSTMENTS FOR BELLE GLADE  
 ENGINEERS OPINION OF PROBABLE COST: 100% SUBMITTAL  
 CSA#15 - PBCWUD # 18-002



ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED PRICE
<b>UTILITIES SUBTOTAL</b>					\$ 3,917,527
<b>RESTORATION (ASPHALT, SOD, AND CONCRETE)</b>					
R-1	MILLING OF ASPHALT IN PBC ROW (1")	SY	1,048	\$ 10	\$ 10,456
R-2	MILLING OF ASPHALT IN CITY OF BELLE GLADE ROW (1.5")	SY	8,681	\$ 15	\$ 129,961
R-3	MILLING OF ASPHALT IN FDOT ROW (1")	SY	2,166	\$ 10	\$ 21,617
R-4	ASPHALT OVERLAY IN PBC ROW (1")	TN	59	\$ 259	\$ 15,178
R-5	ASPHALT OVERLAY IN CITY OF BELLE GLADE ROW (1.5")	TN	484	\$ 368	\$ 187,962
R-6	ASPHALT OVERLAY IN FDOT ROW (1")	TN	121	\$ 259	\$ 31,379
R-7	ASPHALT ROADWAY REMOVAL AND RESTORATION IN PBC ROW (2.5" ASPHALT)	SY	188	\$ 55	\$ 10,283
R-8	ASPHALT ROADWAY REMOVAL AND RESTORATION IN CITY OF BELLE GLADE ROW (3" ASPHALT)	SY	3,079	\$ 66	\$ 201,743
R-9	ASPHALT ROADWAY REMOVAL AND RESTORATION IN FDOT ROW (2.5" ASPHALT)	SY	585	\$ 53	\$ 31,959
R-10	ASPHALT DRIVEWAY REMOVAL AND RESTORATION	SY	3,346	\$ 77	\$ 258,378
R-11	CONCRETE PAVER BRICK DRIVEWAY REMOVAL AND RESTORATION	SY	12	\$ 100	\$ 1,200
R-12	CONCRETE REMOVAL AND RESTORATION	SY	593	\$ 86	\$ 50,995
R-13	CONCRETE CURB OR GUTTER REMOVAL AND RESTORATION	LF	400	\$ 49	\$ 19,760
R-14	LIMEROCK/SHELL DRIVEWAY OR ROADWAY REMOVAL AND RESTORATION	TN	1,590	\$ 30	\$ 47,688
R-15	MAIL BOX REMOVAL AND REINSTALLATION	EA	51	\$ 100	\$ 5,100
R-16	4-FT TO 5-FT HIGH FENCE REMOVAL AND REINSTALLATION	LF	620	\$ 45	\$ 27,858
R-17	REMOVE AND REPLACE SIGNS	EA	33	\$ 416	\$ 13,728
R-18	PROTECT AND SUPPORT UTILITY POLE	EA	13	\$ 2,000	\$ 26,000
R-19	REMOVE AND REPLACE BAHIA SOD	SY	3,118	\$ 7	\$ 22,167
R-20	REMOVE AND REPLACE FLORATAM SOD	SY	8,050	\$ 9	\$ 70,518
R-21	TREE REMOVAL AND RELOCATION	EA	28	\$ 566	\$ 15,834
R-22	ROOT BARRIER	LF	120	\$ 8	\$ 960
R-23	THERMAL STRIPING	LF	2,000	\$ 10	\$ 20,000
R-24	REMOVAL AND REPLACEMENT OF GUARDRAIL	LF	100	\$ 15	\$ 1,500
R-25	4" SINGLE LINE STOP (FOR PVC/DIP/CIP/AC)	EA	1	\$ 9,932	\$ 9,932
R-26	6" SINGLE LINE STOP (FOR PVC/DIP/CIP/AC)	EA	1	\$ 9,932	\$ 9,932
R-27	8" SINGLE LINE STOP (FOR PVC/DIP/CIP/AC)	EA	1	\$ 9,932	\$ 9,932
R-28	10" SINGLE LINE STOP (FOR PVC/DIP/CIP/AC)	EA	1	\$ 12,015	\$ 12,015
R-29	12" SINGLE LINE STOP (FOR PVC/DIP/CIP/AC)	EA	1	\$ 13,702	\$ 13,702
R-30	24" SINGLE LINE STOP (FOR PVC/DIP/CIP/AC)	EA	1	\$ 23,791	\$ 23,791
<b>RESTORATION SUBTOTAL</b>					\$ 1,301,558
<b>BID SUBTOTAL</b>					\$ 5,007,695
Contingency 15% ADDITIONAL WORK NOT INCLUDED IN THE BID ITEMS					\$ 871,154
Permitting (Actual cost to be paid per contract by PBCWUD)					
<b>BID TOTAL</b>					\$ 6,678,849