

RESOLUTION 19-66

A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA APPROVING TASK ORDER # 2019-02 FOR UTILITY DESIGN OF THE FRONT BEACH ROAD COMMUNITY REDEVELOPMENT PLAN PROJECT SEGMENT 4.1 IN THE AMOUNT OF \$200,000; AUTHORIZING A BUDGET AMENDMENT TO FUND THIS EXPENSE; AUTHORIZING EXECUTION AND PROVIDING AN IMMEDIATELY EFFECTIVE DATE.

1. **BE IT RESOLVED** that the appropriate officers of the City are authorized to deliver and execute on behalf of the City that certain Task Order # 2019-02 to the Master Services Agreement for Professional Engineering Design, Survey, Permitting and Construction Administration Services for Front Beach Road Community Redevelopment Plan Project between the City and Dewberry Engineers, Inc., relating to the CRA Segment 4.1, from Lullwater Drive to Hill Road, for utilities design in the basic amount of \$200,000 in substantially the form attached as Exhibit A and presented to the Council today, with such changes, insertions or omissions as may be approved by the City Manager, whose execution shall be conclusive evidence of such approval.

2. The following budget amendment #19 is adopted for the City of Panama City Beach, Florida, for the fiscal year beginning October 1, 2018, and ending September 30, 2019, as show in and in accordance with the attached and incorporated Exhibit B, to reflect the expenditure for the purposes stated herein.

THIS RESOLUTION shall be effective immediately upon passage.

PASSED in regular session this 28th day of February, 2019.

CITY OF PANAMA CITY BEACH

By: 

Mike Thomas, Mayor

ATTEST:


Mary Jan Bossert, City Clerk

**CITY OF PANAMA CITY BEACH
MASTER SERVICES AGREEMENT**

Professional Engineering Design, Survey, Permitting and Construction Administration Services for Front Beach Road Community Redevelopment Plan Project

TASK ORDER 2019-02

This Task Order is for the purpose of Dewberry Engineers, Inc. as the Engineer to provide Engineering Design Services for the **Community Redevelopment Plan Project Segment 4.1 Front Beach Road (Lullwater Drive to Hill Road STA 1073+70 to 1145+00)** to the City of Panama City Beach (City) acting by and through its Council. Dewberry Engineers, Inc. understands the City is requesting professional services to complete the utility relocation and design improvements for the water, wastewater and reuse within the referenced Segment 4.1 of the CRA.

SCOPE OF SERVICES AND FEE SCHEDULE

1.0 UTILITY RELOCATION, DESIGN & COORDINATION - \$200,000.00

Utility Design and Coordination – (Dewberry)

1. Utility design kickoff meeting with City of Panama City Beach Utility Department
2. Provide design milestone updates and redline reviews with City of Panama City Beach Utility Department
3. Utility constructability reviews with UAOs and City of Panama City Beach Utility Department
4. Develop 60%, 90% and 100% utility design plans to include water, wastewater and reuse in accordance with City of Panama City Beach Design Standards
5. Design horizontal utility relocation alignments and improvements for water, wastewater and reuse in coordination with all third party utility providers (TECO Gas, Gulf Power/NextERA, AT&T etc)
6. Design vertical utility relocation alignments and improvements for water, wastewater, and reuse in coordination with all third party utility providers (TECO Gas, Gulf Power/NextERA, AT&T etc)
7. Provide utility design cross check to accommodate stormwater structures and conveyance systems to minimize conflicts during construction
8. Quality assurance/quality Control Reviews
9. Prepare and submit Florida Department of Environmental Protection (FDEP) Watermain Extension for PWS
10. Prepare and submit Florida Department of Environmental Protection (FDEP) Domestic Wastewater Collection/Trans Permit
11. Develop engineer cost opinion
12. Preparation of bid documents and specifications

EXCLUSIONS

1. Permit application fees (State)
2. Construction Engineering Inspection Services (CEI)
3. Legal review services for right of way acquisition

FEE ESTIMATE

Professional Services Fees

1. Utility Relocation, Design & Coordination \$200,000.00

Total \$200,000.00

IN WITNESS WHEREOF, the parties hereto have caused this Task Order to be executed by their undersigned officials as duly authorized.

Dewberry Engineers, Inc.
203 Aberdeen Parkway
Panama City, Florida 32405

CITY OF PANAMA CITY BEACH, FLORIDA
110 S. Arnold Road
Panama City Beach, Florida 32413

By: _____

By: _____

Name: Clifford D. Wilson III, PE

Name: Mario Gisbert

Title: Vice President

Title: City Manager

Witnessed: _____

Witnessed: _____

Date: _____

Date: _____

CITY OF PANAMA CITY BEACH
BUDGET TRANSFER FORM BF-10

No. BA # 19

FUND	UTILITY ACCOUNT NUMBER	ACCOUNT DESCRIPTION	APPROVED BUDGET	BUDGET ADJUSTMENT	NEW BUDGET BALANCE
TO	401-3300-533.65-49	Construction-in-Progress CRA Segment 4.1 Relocate	0.00	100,000.00	100,000.00
TO	401-3500-535.65-49	Construction-in-Progress CRA Segment 4.1 Relocate	0.00	100,000.00	100,000.00
FROM	401-8100-999.96-00	Reserves Available for Expenditures	36,950,722.00	(200,000.00)	36,750,722.00
			0.00	0.00	0.00
			0.00	0.00	0.00
			0.00	0.00	0.00
		Check Adjustment Totals:	36,950,722.00	0.00	36,950,722.00

BRIEF JUSTIFICATION FOR BUDGET ADJUSTMENT:

To appropriate funds from available reserves for the water/wastewater utility portion of the engineering task for CRA Segment 4.1

ROUTING FOR APPROVAL

DEPARTMENT HEAD _____ DATE _____ CITY MANAGER _____ DATE _____

FINANCE DIRECTOR _____ DATE _____

Exhibit B

Project Activity 7: Utilities

Front Beach Rd
Panama City Beach CRA Segment 4

Utility Design and Coordination

Representing	Print Name	Signature / Date
Panama City Beach CRA		
Dewberry Engineers Inc.		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
7 1	Utility Kickoff Meeting	LS	1	8	8	Four (4) Staff / 2 HR Meetings
7 2	Identify Existing Utility Agency Owners (UAO(s))	LS	1	0	0	Identify Utility Companies
7 3	Make Utility Contacts	LS	1	8	8	Utility Companies Contact/Meet
7 4	Exception Processing	LS	1	0	0	Utility Companies Contact to Import Data
7 5	Milestone Updates Utility/Utility Reviews with PCB	LS	1	24	24	Milestone Review Meetings with PCB Utilities
7 6	Individual/Field Meetings	LS	1	0	0	Field Review with UAOs
7 7	Collect and Review Plans and Data from UAO(s)	LS	1	24	24	Review Plans/Info From UAOs
7 8	Subordination of Easements Coordination	LS	1	0	0	Easement/Survey Verifications
7 9	Utility Design Meeting	LS	1	20	20	Utility Companies @ 4 Hrs/Each
7 9 1	Water Main Design	LS	1	360	360	Design/ Relocation Improvements of Water System
7 9 2	Reuse Water System Design	LS	1	320	320	Design/ Relocation Improvements of Reuse Water System
7 9 3	Force Main Design	LS	1	320	320	Design/ Relocation Improvements of Force Main
7 9 4	Gravity Sewer/Collection System Design	LS	1	420	420	Design/ Relocation Improvements of Gravity Sewer/Collection System
7 10	Review Utility Markups & Work Schedules, and Processing of Schedules & Agreements	LS	1	20	20	Review all Utility Markups/Schedules/Agreements
7 11	Utility Coordination/Followup	LS	1	40	40	Additional Coordination with PCB & UAOs
7 12	Utility Constructability Review	LS	1	40	40	Field Review with SUE As Needed
7 13	Additional Utility Services	LS	1	24	24	Follow Up Verification Field/SUE

Project Activity 7: Utilities

7 14	Processing Utility Work by Highway Contractor (UWHC)	LS	1	0	0	Review/Coordination
7 15	Contract Plans to UAO(s)	LS	1	0	0	UAO Distribution/Coordination
7 16	Certification/Close-Out	LS	1	40	40	
7 17	Other Utilities	LS	1	16	16	
7. Utilities Total						1684

	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Kickoff (see 7 1)	EA	1	8	8			0
Preliminary Meeting (see 7 5)	EA	1	24	24			0
Individual UAO Meetings (see 7 6)	EA	13	0	0			0
Field Meetings (see 7 6)	EA	9	0	0			0
Design Meeting (see 7 9)	EA	1	20	20			0
Other Meetings (this is automatically added into Utilities Total (cell F27))	EA	0	0	0			0
Total Meetings				52	Total Project Manager Meetings (carries to Tab 3)		0

Carries to Tab 3

**CITY OF PANAMA CITY BEACH
CRA SEGMENT 4.1 CONCEPTUAL UTILITY RELOCATION/DESIGN ESTIMATE**

WATER MAIN RELOCATION				
FIRE HYDRANT ASSEMBLY	EA	20	\$ 4,732.94	\$ 94,658.80
2" PVC	LF	400	\$ 15.00	\$ 6,000.00
2" FITTINGS, TRANSITIONS, AND VALVES	LS	1	\$ 4,750.00	\$ 4,750.00
3" PVC	LF	200	\$ 16.25	\$ 3,250.00
3" FITTINGS, TRANSITIONS, AND VALVES	LS	1	\$ 3,500.00	\$ 3,500.00
4" PVC	LF	200	\$ 18.50	\$ 3,700.00
4" MJ DI FITTINGS, TRANSITIONS, AND VALVES	LS	1	\$ 8,903.85	\$ 8,903.85
6" PVC	LF	400	\$ 24.00	\$ 9,600.00
6" HDPE DIRECTIONAL BORE	LF	800	\$ 60.00	\$ 48,000.00
6" MJ DI FITTINGS, TRANSITIONS, AND VALVES	LS	1	\$ 20,706.62	\$ 20,706.62
8" PVC	LF	400	\$ 30.00	\$ 12,000.00
8" HDPE DIRECTIONAL BORE	LF	800	\$ 90.00	\$ 72,000.00
8" MJ DI FITTINGS, TRANSITIONS, AND VALVES	LS	1	\$ 50,000.00	\$ 50,000.00
10" PVC	LF	8,000	\$ 48.00	\$ 384,000.00
10" FPVC DIRECTIONAL BORE	LF	400	\$ 165.00	\$ 66,000.00
10" MJ DI FITTINGS, TRANSITIONS, AND VALVES	LS	1	\$ 125,000.00	\$ 125,000.00
METER/BACKFLOW RELOCATE/CONDO	LS	30	\$ 5,750.00	\$ 172,500.00
NEW METER/BACKFLOW/CONDO	EA	7	\$ 25,000.00	\$ 175,000.00
TESTING & CERTIFICATION	LS	5	\$ 5,000.00	\$ 25,000.00
WATER SERVICE CONNECTION (LONG)	EA	35	\$ 1,750.00	\$ 61,250.00
WATER SERVICE CONNECTION (SHORT)	EA	35	\$ 1,750.00	\$ 61,250.00
Subtotal				\$ 1,407,069.27

REUSE MAIN RELOCATION				
2" PVC	LF	150	\$ 15.00	\$ 2,250.00
2" FITTINGS, TRANSITIONS, AND VALVES	LS	1	\$ 2,987.67	\$ 2,987.67
6" PVC	LF	100	\$ 24.00	\$ 2,400.00
6" HDPE DIRECTIONAL BORE	LF	200	\$ 60.00	\$ 12,000.00
6" MJ DI FITTINGS, TRANSITIONS, AND VALVES	LS	1	\$ 20,706.62	\$ 20,706.62
8" PVC	LF	400	\$ 30.00	\$ 12,000.00
10" PVC REUSE MAIN	LF	1,950	\$ 48.50	\$ 94,575.00
10" HDPE DIRECTIONAL BORE	LF	200	\$ 165.00	\$ 33,000.00
10" MJ DI FITTINGS, TRANSITIONS, AND VALVES	LS	1	\$ 25,000.00	\$ 25,000.00
Subtotal				\$ 152,575.00

FORCEMAIN RELOCATION				
2" FUSIBLE PVC	LF	100	\$ 24.85	\$ 2,485.00
2" FITTINGS, TRANSITIONS, AND VALVES	LS	1	\$ 3,500.00	\$ 3,500.00
4" FUSIBLE PVC	LF	100	\$ 41.71	\$ 4,171.00
4" MJ DI FITTINGS, TRANSITIONS, AND VALVES	LS	1	\$ 4,500.00	\$ 4,500.00
6" FUSIBLE PVC	LF	100	\$ 60.35	\$ 6,035.00
6" MJ DI FITTINGS, TRANSITIONS, AND VALVES	LS	1	\$ 7,500.00	\$ 7,500.00
12" FUSIBLE PVC	LF	900	\$ 76.91	\$ 69,219.00
12" MJ DI FITTINGS, TRANSITIONS, AND VALVES	LS	1	\$ 7,500.00	\$ 7,500.00
TESTING & CERTIFICATION	LS	1	\$ 5,000.00	\$ 5,000.00
CONNECT TO EXISTING	EA	4	\$ 4,750.00	\$ 19,000.00
Subtotal				\$ 128,910.00

GRAVITY SEWER SYSTEM				
MANHOLES				
4' DIAMETER MH (6'-8')	EA	15	\$ 4,975.00	\$ 74,625.00
4' DIAMETER MH (8'-10')	EA	15	\$ 5,100.00	\$ 76,500.00
5' DIAMETER MH (6'-8')	EA	10	\$ 7,750.00	\$ 77,500.00
5' DIAMETER MH (8'-10')	EA	5	\$ 8,275.00	\$ 41,375.00
5' DIAMETER MH (10'-12')	EA	5	\$ 9,125.00	\$ 45,625.00
DOG HOUSE 5' DIAMETER MH (6'-8')	EA	5	\$ 11,750.00	\$ 58,750.00
DOG HOUSE 5' DIAMETER MH (8'-10')	EA	5	\$ 12,275.00	\$ 61,375.00

**CITY OF PANAMA CITY BEACH
CRA SEGMENT 4.1 CONCEPTUAL UTILITY RELOCATION/DESIGN ESTIMATE**

SEWER MAIN				
6" PVC (6'-8')	LF	200	\$ 32.00	\$ 6,400.00
8" PVC (6'-8')	LF	1,250	\$ 42.00	\$ 52,500.00
8" PVC (8'-10')	LF	1,250	\$ 48.00	\$ 60,000.00
10" PVC (6'-8')	LF	100	\$ 42.00	\$ 4,200.00
10" PVC (8'-10')	LF	100	\$ 48.00	\$ 4,800.00
21" PVC (6'-8')	LF	2,100	\$ 75.00	\$ 157,500.00
21" PVC (8'-10')	LF	2,100	\$ 95.00	\$ 199,500.00
21" PVC (10'-12')	LF	2,100	\$ 105.00	\$ 220,500.00
Subtotal				\$ 1,141,150.00
MISCELLANEOUS				
STORMWATER CONFLICT BOX - ESTIMATE	EA	5	\$ 11,832.35	\$ 59,161.75
CIP LINER (MH) - ESTIMATE 10	VF	100	\$ 414.13	\$ 41,413.00
CIP LINER (8" SS)	LF	200	\$ 177.50	\$ 35,500.00
REESTABLISH CONNECTIONS TO EXIST. SEWER	EA	60	\$ 1,500.00	\$ 90,000.00
INSTALL SEWER LATERALS	EA	50	\$ 3,750.00	\$ 187,500.00
Subtotal				\$ 413,574.75
EXISTING UTILITIES ABANDONMENT				
WATERMAIN				
4" WM	LF	100	\$ 14.50	\$ 1,450.00
6" WM	LF	100	\$ 14.50	\$ 1,450.00
8" WM	LF	100	\$ 15.50	\$ 1,550.00
10" WM	LF	8,000	\$ 15.50	\$ 124,000.00
SANITARY SEWER				
8" SS	LF	2,500	\$ 35.00	\$ 87,500.00
10" SS	LF	100	\$ 42.00	\$ 4,200.00
21" SS	LF	6,300	\$ 45.00	\$ 283,500.00
FORCEMAIN				
2" FM	LF	100	\$ 14.50	\$ 1,450.00
4" FM	LF	100	\$ 14.50	\$ 1,450.00
12" FM	LF	100	\$ 17.50	\$ 1,750.00
Subtotal				\$ 508,300.00

Sub Totals \$ 3,599,004.02
15% Cont \$ 539,850.60
Total Estimate \$ 4,138,854.62