City of Jacksonville Beach

Special Meeting Agenda

Community Redevelopment Agency

11 North Third Street
Jacksonville Beach, Florida

Wednesday, July 12, 2023	3:00 PM	Council Chambers

MEMORANDUM TO:

Members of the City of Jacksonville Beach Community Redevelopment Agency

The following Agenda of Business has been prepared for consideration and action at a Special Meeting of the Community Redevelopment Agency:

CALL TO ORDER

ROLL CALL

COURTESY OF THE FLOOR TO VISITORS

NEW BUSINESS

A. Adopt/Deny Resolution No. 2023-04 appropriating Downtown Tax Increment Trust Funds in the amount of $13,641,054 in addition to the previously approved budget for the construction of Phase IIIC-Project 4 & 5 Infrastructure Improvements with Petticoat Schmitt Inc, as the general contractor and GAI Consultants, Inc. performing contract administration and construction inspection services for the project.

ADJOURNMENT

NOTICE

In accordance with the Americans with Disabilities Act and Section 286.26, Florida Statutes, persons with disabilities needing special accommodation to participate in this meeting should contact the City Clerk's Office at (904) 247-6299 no later than one business day before the meeting or by sending an e-mail to CityClerk@jaxbchfl.net.

In accordance with Section 286.0114, Florida Statutes, any member of the public can attend a public hearing and can be heard on any matter presented before the Agency. Anyone who wishes to provide live public comment should complete a "Speaker Request Card" and submit it to the recording secretary prior to the beginning of the meeting. These forms are available at the entrance of the City Council Chambers for your convenience. Speakers will be called to address the Agency when specified items are under consideration and will be limited to a maximum of three minutes or less, at the discretion of the presiding officer.

Alternatively, written public comment can be submitted in advance and must include the following: (1) First Name, (2) Last Name, (3) Address, (4) Public Hearing Date, (5) Specific Agenda Item(s), and (6) Comments. Written public comments may be submitted by one of the following options: (1) Email to the Agency Administrator at planning@jaxbchfl.net, (2) Postal mail to Community Redevelopment Agency Administrator - Public Comment, 11 3rd Street North, Jacksonville Beach, FL 32250, or (3) Drop off in-

person to Planning and Development at City Hall. Written comments that include all required information and are received 24 hours in advance of the meeting will be distributed to the Agency and attached to the related agenda item before the start of the meeting. Written public comments will be read into the record at the appropriate time and will be limited to three minutes of reading time. All comments received are public record.

In accordance with Section 286.0105, Florida Statutes, any person desirous of appealing any decision reached at this meeting may need a record of the proceedings. Such person may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

cc: City Manager; City Attorney

CITY COUNCIL AGENDA ITEM	
TO:	Heather Ireland, CRA Administrator
FROM:	Dennis W. Barron, Jr., Director of Public Works
DATE:	07/03/2023
SUBJECT:	Resolution No. 2023-04 Phase IIIC-Project 4 & 5 Infrastructure Improvements

BACKGROUND

The Downtown Reconstruction Phase IIIC - Projects 4 & 5 Infrastructure Improvements encompasses a construction area from 3rd Street easterly to the beach, and from 4th Avenue South southerly to 11th Avenue South. This project includes improvements to sanitary sewer, water distribution, stormwater, roadways, alleys, street ends, permitting, concrete sidewalks and urban trails, curbing and other identified ancillary public improvements throughout the area. This project is a continuation of the Community Redevelopment Agency (CRA) Downtown District redevelopment project that has completed previous phases of this project.

The project engineering was awarded as part of a Request for Qualifications (RFQ) No. 08-1920 and awarded to GAI Consultants for design.

This project was competitively bid under Bid Number 2223-06 with bids received from two bidders. The bids range from $24,869,167 to $31,485,192. The lowest responsive bidder is Petticoat-Schmitt Civil Contractors, Inc., who had completed the previous phase of the redevelopment project. City Staff and the engineering consultant are recommending awarding the bid to Petticoat-Schmitt for the lowest bid amount to include a 10% contingency.

GAI Consultants has agreed to complete Contract Administration services and Construction Engineering Inspection services in the amount of $1,190,882, plus an additional 10% contingency. This work was included as part of the original RFQ.

Additionally, as part of the bidding process, the City Council and CRA recommended an early completion incentive. City staff and the design engineering consultant offered $6,500 per day for up to 150 days as an early completion bonus. This is based on the recommended construction timeframe of 900 days total. The total incentive is up to $975,000 for early completion.

	Base Amount	**10% Contingency**	**Total**
Petticoat-Schmidt	$24,869,167	$2,486,917	$27,356,084
GAI Consultants (CA & CEI Services)	$1,190,882	$119,088	$1,309,970
Early Completion	$975,000		$975,000
TOTAL			**$29,641,054**

To review Bid No. 2223-06 in its entirety, click **HERE.**
For Petticoat-Schmitt Civil Contractors, Inc.'s Bid Submittal click **HERE.**

AGENDA ITEM: A.
MEETING DATE: July 12, 2023

FINANCIAL IMPACT

$16,000,000 is included in the adopted FY2022-2023 budget for this project. The Downtown Community Redevelopment Capital Improvement Budget must be amended to appropriate an additional $13,641,054 for the full project cost of $29,641,054. Sufficient reserves exist in the Downtown Tax Increment Fund to pay for this project.

REQUESTED ACTION

Adopt/Deny Resolution No. 2023-04 appropriating Downtown Tax Increment Trust Funds in the amount of $13,641,054 in addition to the previously approved budget for the construction of Phase IIIC-Project 4 & 5 Infrastructure Improvements with Petticoat Schmitt Inc, as the general contractor and GAI Consultants, Inc. performing contract administration and construction inspection services for the project.

ATTACHMENTS

1. CRA Resolution 2023-04 DT Projects 4&5
2. Bid 2223-06 Intent to Award Notification
3. Bid No. 2223-06 Bid Tabulation
4. Bid No. 2223-06 Response Summary
5. Engineer's Recommendation to Award
6. GAI Contract Administration & Construction Engineering Inspection Services Proposal

Introduced By:_______________________
Adopted:_____________________________

CRA RESOLUTION NO. 2023-04

A RESOLUTION OF THE CITY OF JACKSONVILLE BEACH COMMUNITY REDEVELOPMENT AGENCY TO AMEND THE DOWNTOWN COMMUNITY REDEVELOPMENT DISTRICT CAPITAL IMPROVEMENTS BUDGET FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2022 AND ENDING SEPTEMBER 30, 2023 TO APPROPRIATE ADDITIONAL FUNDING FOR CONSTRUCTION, CONSTRUCTION ADMINISTRATION SERVICES, AND EARLY COMPLETION INCENTIVE FOR DOWNTOWN RECONSTRUCTION PHASE IIIC – PROJECTS 4 & 5 INFRASTRUCTURE IMPROVEMENTS; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on March 24, 2014, the Jacksonville Beach Community Redevelopment Agency recommended that the City Council approve an amendment to the Downtown Community Redevelopment Plan to add the installation of public utilities and reconstruction of certain streets and alleys contained in Phase III of the Cost Programming and Phasing Section of the adopted Vision Plan for Downtown Jacksonville Beach; and

WHEREAS, on April 21, 2014, the Jacksonville Beach City Council did adopt said amendment to the Vision Plan for Downtown Jacksonville Beach; and

WHEREAS, public utility improvements and street and alley reconstruction are eligible activities for the expenditure of tax increment trust funds; and

WHEREAS, the Community Redevelopment Agency is authorized to use downtown tax increment funds for stormwater system improvements required for the Downtown Community Redevelopment District but that are located outside of the district, via an interlocal agreement between the City of Jacksonville Beach and the City of Jacksonville, entered into on November 17, 2017, and

WHEREAS, the Community Redevelopment Agency adopted its FY2022-2023 Budget, which included $16,000,000 in for Downtown Reconstruction Phase IIIC – Projects 4 & 5, via Resolution No. 2022-11 adopted at an open meeting on October 24, 2022; and

WHEREAS, the lowest responsive bid plus contract administration, construction inspection services and a 10% contingency is $29,641,054, which exceeds the project budget by $13,641,054, due largely to the high demand for construction workers and rising material costs; and

WHEREAS, the Community Redevelopment Agency has sufficient Downtown Community Redevelopment Tax Increment Trust Fund funds to pay the additional funding required for this project.

NOW, THEREFORE, BE IT RESOLVED BY THE JACKSONVILLE BEACH COMMUNITY REDEVELOPMENT AGENCY THAT:

SECTION 1. The fiscal year 2022-2023 Downtown Community Redevelopment Capital Improvement Budget for the Jacksonville Beach Community Redevelopment Agency is amended to appropriate $13,641,054 for the construction of Projects 4 and 5 of the Phase IIIC Downtown Redevelopment District Vision Master Plan.

SECTION 2. Effective Date. This resolution shall take effect upon its adoption.

DULY ADOPTED IN OPEN MEETING THIS 12th DAY OF JULY, 2023

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Art Graham, CHAIRMAN

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Heather Ireland, ADMINISTRATOR

JACKSONVILLE BEACH

City of
Jacksonville Beach
Property and
Procurement Division
1460A Shetter Avenue
Jacksonville Beach
FL 32250
Phone: 904.247.6229
Email: purchasing@jaxbchfl.net
www.jacksonvillebeach.org

This is the only recommendation notice you will receive. If there are other representatives in your firm working on this project, please forward to their attention.

NOTICE OF INTENT TO SUBMIT BID FOR APPROVAL AND AWARD BY CITY COUNCIL

Date: July 3, 2023

From: Luis F. Flores, Property and Procurement Officer

RE: **Bid No. 2223-06 Phase IIIC Projects 4 & 5 Infrastructure Improvements**

Recommendation will be presented to the City Manager for:

Bid Number: 2223-06
Title: Phase IIIC Projects 4 & 5 Infrastructure Improvements

Recommendation will be presented to the City Manager for intent to award of Bid No. 2223-06 Phase IIIC Projects 4 & 5 Infrastructure Improvements to Petticoat-Schmitt Civil Contractors, Inc.

The complete bid tabulation sheet is attached herewith.

In accordance with the procedures set forth in Section XII K. of the City of Jacksonville Beach Purchasing Manual, a written notice of intent to file a protest must be filed with the Property and Procurement Officer within three (3) business days, Monday through Friday, 8:00 AM – 4:00 PM, after receipt by the respondent of the Bid Award Notice from the Property and Procurement Officer.

If awarded, please do not proceed with any work prior to receiving an official City of Jacksonville Beach Purchase Order and/or Notice-to-Proceed letter.

We would like to thank each bidder for their submittal.

Luis F. Flores

Luis F. Flores, Property & Procurement Officer
1460A Shetter Avenue, Jacksonville Beach, FL 32250

BID Tabulaiton
CITY OF JACKSONVILLE BEACH
Department of Public Works
PHASE IIIC PROJECTS 4 AND 5 INFRASTRUCTURE IMPROVEMENTS
Table From - ADDENDUM #3 6/2/2023

					Petticoat-Schmitt Civil Contractors, Inc.		United Brothers Development Corp.	
ITEM NO.	**M&P NO.**	**DESCRIPTION OF WORK**	**QTY**	**UNIT**	**UNIT PRICE**	**CONTRACT PRICE**	**UNIT PRICE**	**CONTRACT PRICE**
ROADWAY ITEMS								
1	1	DEMOLITION (CLEARING & GRUBBING)	1	LS	$2,502,000.00	$2,502,000.00	$116,950.00	$116,950.00
2	2	MAINTENANCE OF TRAFFIC	1	LS	$670,000.00	$670,000.00	$141,321.00	$141,321.00
3	3	EROSION CONTROL	1	LS	$299,200.00	$299,200.00	$102,494.00	$102,494.00
4	4	CRUSHCRETE BASE (6" THICK)	29991	SY	$40.00	$1,199,640.00	$39.95	$1,198,140.45
5	4	CRUSHCRETE BASE (4" THICK)	820	SY	$34.00	$27,880.00	$26.50	$21,730.00
6	5	STABILIZED SUBGRADE (12" THICK)	56358	SY	$11.20	$631,209.60	$14.00	$789,012.00
7	6	REMOVE UNSUITABLE MATERIAL AND DISPOSE	328	CY	$33.00	$10,824.00	$18.00	$5,904.00
8	6	EMBANKMENT (A3 FILL)	328	CY	$45.00	$14,760.00	$20.00	$6,560.00
9	7	MILLING EXIST. ASPHALT PAVEMENT (1.5" AVG. DEPTH) (1ST & 2ND ST. S.)	4089	SY	$11.00	$44,979.00	$13.00	$53,157.00
10	8	OPTIONAL BASE GROUP 15 (TYPE B-12.5 ONLY) (9") (SR A1A)	1258	SY	$100.00	$125,800.00	$97.75	$122,969.50
11	9	SUPERPAVE ASPHALTIC CONC (TRAFFIC LEVEL C) (W/PG 76-22)(SP-9.5) (2") (SR A1A)	1258	SY	$28.00	$35,224.00	$35.00	$44,030.00
12	9	FC-12.5 FRICTION COURSE (TRAFFIC LEVEL C) (W/PG 76-22) (1.5") (SR A1A)	1258	SY	$23.00	$28,934.00	$27.10	$34,091.80
13	9	SUPERPAVE ASPHALTIC CONC (TRAFFIC LEVEL C) (SP-9.5) (2") (1ST, 2ND & AVENUES)	30811	SY	$24.00	$739,464.00	$35.20	$1,084,547.20
14	9	SUPERPAVE ASPHALTIC CONC (TRAFFIC LEVEL C) (SP-9.5) (1.5") (1ST, 2ND & AVENUES)	4089	SY	$18.00	$73,602.00	$30.00	$122,670.00
15	10	EXCAVATABLE FLOWABLE FILL	188	CY	$400.00	$75,200.00	$365.00	$68,620.00
16	11	TEMPORARY ASPHALT (1" THICK FOR TRENCH REPAIRS)	1422	SY	$58.00	$82,476.00	$141.00	$200,502.00
17	12	CONCRETE CITY CURB & GUTTER WITH FIBERMESH	7569	LF	$50.00	$378,450.00	$66.50	$503,338.50
18	12	CONCRETE SPILLOUT CURB & GUTTER WITH FIBERMESH	2392	LF	$45.00	$107,640.00	$66.50	$159,068.00
19	12	CONCRETE VALLEY GUTTER WITH FIBERMESH	5401	LF	$60.00	$324,060.00	$88.00	$475,288.00
20	12	CONCRETE CURB WITH FIBERMESH (LANDSCAPE)	697	LF	$46.00	$32,062.00	$66.50	$46,350.50
21	12	CONCRETE HEADER CURB WITH FIBERMESH	3672	LF	$50.00	$183,600.00	$66.50	$244,188.00
22	12	CONCRETE CURB & GUTTER, TYPE F (SR A1A)	1842	LF	$47.00	$86,574.00	$77.75	$143,215.50
23	13	CONCRETE PAVEMENT WITH FIBERMESH (8" THICK) (ALLEYWAYS)	5344	SY	$120.00	$641,280.00	$160.00	$855,040.00
24	13	CONCRETE SIDEWALK (4" THICK) (SIDEWALK) (SR A1A)	1131	SY	$125.00	$141,375.00	$89.80	$101,563.80
25	13	CONCRETE SIDEWALK WITH FIBERMESH (6" THICK) (SIDEWALK)	6620	SY	$130.00	$860,600.00	$130.00	$860,600.00
26	13	CONCRETE PAVEMENT WITH FIBERMESH (6" THICK) (DRIVEWAYS)	9231	SY	$100.00	$923,100.00	$132.00	$1,218,492.00
27	13	CONCRETE PAVEMENT WITH FIBERMESH (6" THICK) (PARKING)	3281	SY	$95.00	$311,695.00	$136.00	$446,216.00
28	13	DETECTABLE WARNING MAT	2210	SF	$39.00	$86,190.00	$35.00	$77,350.00
29	14	REMOVE EXIST. PAVERS, REGRADE AND REINSTALL (DRIVEWAYS)	510	SY	$163.00	$83,130.00	$20.00	$10,200.00
30	15	CONCRETE SIDEWALK PAVERS (2-3/8")(FUNISH AND INSTALL)	593	SY	$173.00	$102,589.00	$75.00	$44,475.00
31	15	CONCRETE ROADWAY PAVERS (3-1/8") (FURNISH AND INSTALL)	629	SY	$225.00	$141,525.00	$95.00	$59,755.00
32	16	4" CONCRETE CAP (EXIST. UTILITIES)	222	CY	$950.00	$210,900.00	$85.00	$18,870.00
33	17	CONCRETE CURB STOP (FURNISH AND INSTALL)	77	EA	$145.00	$11,165.00	$125.00	$9,625.00
34	18	DUMPSTER ENCLOSURE	6	LS	$28,500.00	$171,000.00	$33,500.00	$201,000.00
35	19	WOODEN FENCE (FURNISH AND INSTALL)	50	LF	$58.00	$2,900.00	$52.50	$2,625.00
36	20	WOODEN FENCE (6' GATE)	1	AS	$1,900.00	$1,900.00	$4,500.00	$4,500.00
37	21	TREE GRATE (60" SQUARE) (IRONSMITH) (OCEANFRONT PARK)	4	EA	$10,000.00	$40,000.00	$18,000.00	$72,000.00
38	22	CONCRETE GRAVITY WALL	48	LF	$800.00	$38,400.00	$600.00	$28,800.00
39	23	PEDESTRIAN RAILING (ALUMINUM) (FURNISH AND INSTALL)	86	LF	$225.00	$19,350.00	$300.00	$25,800.00
				ROADWAY ITEMS 1 THRU 39 SUBTOTAL		**$11,460,677.60**		**$9,721,059.25**
DRAINAGE ITEMS								
40	24	INLET (F&I) (DBI, TYPE F)	10	EA	$5,970.00	$59,700.00	$17,985.00	$179,850.00
41	24	INLET (F&I) (DBI, TYPE F, J-BOTTOM)	1	EA	$16,000.00	$16,000.00	$22,430.00	$22,430.00
42	24	INLETS (F&I) (GUTTER, TYPE V)	34	EA	$7,670.00	$260,780.00	$20,523.00	$697,782.00
43	24	INLETS (F&I) (CURB, CITY)	37	EA	$9,200.00	$340,400.00	$18,955.00	$701,335.00
44	24	INLETS (F&I) (CURB, TYPE P-6, <10')	1	EA	$12,300.00	$12,300.00	$24,895.00	$24,895.00
45	24	MANHOLE (F&I) P-7 <10'	29	EA	$8,700.00	$252,300.00	$10,750.00	$311,750.00
46	24	MANHOLE (F&I) J-7 >10'	18	EA	$14,250.00	$256,500.00	$19,885.00	$357,930.00
47	24	MANHOLE (F&I) J-7 >10' (CONFLICT STRUCTURE)	1	EA	$17,800.00	$17,800.00	$24,750.00	$24,750.00
48	25	PIPE CULVERT (ROUND 6" PVC) (F&I)	247	LF	$162.00	$40,014.00	$159.00	$39,273.00
49	25	PIPE CULVERT (ROUND 15" PVC) (F&I)	1285	LF	$195.00	$250,575.00	$254.00	$326,390.00
50	25	PIPE CULVERT (ROUND 18" PVC) (F&I)	3192	LF	$200.00	$638,400.00	$364.00	$1,161,888.00
51	25	PIPE CULVERT (ROUND 24" PVC) (F&I)	1685	LF	$300.00	$505,500.00	$447.00	$753,195.00
52	25	PIPE CULVERT (ROUND 42" RCP) (F&I)	688	LF	$400.00	$275,200.00	$590.00	$405,920.00
53	25	PIPE CULVERT (ROUND 48" RCP) (F&I)	398	LF	$450.00	$179,100.00	$776.00	$308,848.00
54	25	PIPE CULVERT (34"X53" ELLIP. RCP) (F&I)	605	LF	$541.00	$327,305.00	$830.00	$502,150.00
55	25	PIPE CULVERT (38"X60" ELLIP. RCP) (F&I)	41	LF	$722.00	$29,602.00	$1,120.00	$45,920.00
56	25	PIPE CULVERT (43"X68" ELLIP. RCP) (F&I)	414	LF	$830.00	$343,620.00	$1,424.00	$589,536.00
				DRAINAGE ITEMS 40 THRU 56 SUBTOTAL		**$3,805,096.00**		**$6,453,842.00**
WATER ITEMS								
57	26	1/2" SAMPLE TAP	18	EA	$900.00	$16,200.00	$1,200.00	$21,600.00
58	26	SERVICE CONNECTION (1") (SHORT)	80	EA	$1,300.00	$104,000.00	$2,158.00	$172,640.00
59	26	SERVICE CONNECTION (1") (LONG)	44	EA	$1,350.00	$59,400.00	$2,650.00	$116,600.00
60	26	SERVICE CONNECTION (2") (DOUBLE) (SHORT)	14	EA	$2,300.00	$32,200.00	$4,921.00	$68,894.00
61	26	SERVICE CONNECTION (2") (DOUBLE) (LONG)	11	EA	$2,400.00	$26,400.00	$5,680.00	$62,480.00
62	26	1" SERVICE CONNECTION OFF 2" GANG SERVICE	68	EA	$575.00	$39,100.00	$2,385.00	$162,180.00
63	26	1" SERVICE CONNECTION OFF 2" DOUBLE SERVICE	72	EA	$725.00	$52,200.00	$2,158.00	$155,376.00
64	26	1" SERVICE CONNECTION OFF 4" GANG SERVICE	46	EA	$900.00	$41,400.00	$2,350.00	$108,100.00
65	26	4" GANG SERVICE CONNECTION (SHORT)	3	EA	$7,400.00	$22,200.00	$8,150.00	$24,450.00
66	26	4" GANG SERVICE CONNECTION (LONG)	4	EA	$8,800.00	$35,200.00	$9,311.00	$37,244.00
67	26	2" GANG SERVICE CONNECTION (SHORT)	7	EA	$2,500.00	$17,500.00	$8,468.00	$59,276.00
68	26	2" GANG SERVICE CONNECTION (LONG)	8	EA	$2,200.00	$17,600.00	$8,895.00	$71,160.00
69	27	6" FIRE HYDRANT ASSEMBLY REMOVE	20	EA	$1,442.00	$28,840.00	$2,375.00	$47,500.00
70	28	6" FIRE HYDRANT ASSEMBLY (F&I)	22	EA	$12,720.00	$279,840.00	$9,115.00	$200,530.00
71	29	6" FIRE HYDRANT COMPACT ASSEMBLY WITH 90 DEGREE BEND (F&I)	4	EA	$13,030.00	$52,120.00	$9,300.00	$37,200.00
72	30	WM REMOVAL (2")	730	LF	$45.00	$32,850.00	$45.00	$32,850.00
73	30	WM REMOVAL (3")	130	LF	$45.00	$5,850.00	$48.00	$6,240.00
74	30	WM REMOVAL (4")	240	LF	$45.00	$10,800.00	$50.00	$12,000.00
75	30	WM REMOVAL (6")	2860	LF	$45.00	$128,700.00	$54.00	$154,440.00
76	30	WM REMOVAL (8")	3095	LF	$45.00	$139,275.00	$56.00	$173,320.00
77	30	WM REMOVAL (12")	990	LF	$45.00	$44,550.00	$60.00	$59,400.00
78	31	GROUT FILL WM (2")	796	LF	$29.00	$23,084.00	$18.00	$14,328.00
79	31	GROUT FILL WM (6")	2643	LF	$30.00	$79,290.00	$22.00	$58,146.00
80	31	GROUT FILL WM (8")	940	LF	$31.00	$29,140.00	$27.00	$25,380.00
81	32	PVC DR 18 WM (4") (F&I)	370	LF	$75.00	$27,750.00	$250.00	$92,500.00
82	32	PVC DR 18 WM (6") (F&I)	3690	LF	$108.00	$398,520.00	$264.00	$974,160.00
83	32	PVC DR 18 WM (8") (F&I)	3360	LF	$110.00	$369,600.00	$301.00	$1,011,360.00
84	32	PVC DR 18 WM (12") (F&I)	3980	LF	$180.00	$716,400.00	$385.00	$1,532,300.00
85	32	PVC SDR 21 WM (3") (F&I)	54	LF	$75.00	$4,050.00	$244.00	$13,176.00
86	33	FPVC DR 18 WM (8") (HORIZONTAL DIRECTIONAL DRILL UNDER SR A1A) (F&I)	1236	LF	$170.00	$210,120.00	$205.00	$253,380.00
87	33	FPVC DR 18 WM (12") (HORIZONTAL DIRECTIONAL DRILL UNDER SR A1A) (F&I)	258	LF	$220.00	$56,760.00	$301.00	$77,658.00
88	61	2" COMBINATION AIR RELIEF VACUUM VALVE (F&I) (WM UNDER SR AIA)	12	EA	$3,900.00	$46,800.00	$24,000.00	$288,000.00
89	34	3" D.I. MJ CAP RESTRAINED (F&I)	2	EA	$230.00	$460.00	$850.00	$1,700.00
90	34	4" D.I. MJ CAP RESTRAINED (F&I)	28	EA	$190.00	$5,320.00	$1,115.00	$31,220.00
91	34	6" D.I. MJ CAP RESTRAINED (F&I)	2	EA	$280.00	$560.00	$1,240.00	$2,480.00
92	34	8" D.I. MJ CAP RESTRAINED (F&I)	2	EA	$350.00	$700.00	$1,586.00	$3,172.00
93	34	8" D.I. MJ 11.25 DEGREE BEND RESTRAINED (F&I)	14	EA	$530.00	$7,420.00	$1,831.00	$25,634.00
94	34	12" D.I. MJ 11.25 DEGREE BEND RESTRAINED (F&I)	8	EA	$650.00	$5,200.00	$2,450.00	$19,600.00
95	34	8" D.I. MJ 22.50 DEGREE BEND RESTRAINED (F&I)	12	EA	$550.00	$6,600.00	$1,831.00	$21,972.00
96	34	12" D.I. MJ 22.50 DEGREE BEND RESTRAINED (F&I)	8	EA	$950.00	$7,600.00	$2,450.00	$19,600.00
97	34	6" D.I. MJ 45 DEGREE BEND RESTRAINED (F&I)	90	EA	$400.00	$36,000.00	$1,350.00	$121,500.00
98	34	8" D.I. MJ 45 DEGREE BEND RESTRAINED (F&I)	140	EA	$950.00	$133,000.00	$1,595.00	$223,300.00
99	34	12" D.I. MJ 45 DEGREE BEND RESTRAINED (F&I)	182	EA	$1,550.00	$282,100.00	$2,450.00	$445,900.00
100	34	6" D.I. MJ 90 DEGREE BEND RESTRAINED (F&I)	44	EA	$430.00	$18,920.00	$1,395.00	$61,380.00
101	34	6" D.I. MJ x FLG 90 DEGREE BEND RESTRAINED (F&I)	12	EA	$450.00	$5,400.00	$1,692.00	$20,304.00

102	34	3" D.I. MJ GATE VALVE RESTRAINED (F&I)	4	EA	$1,700.00	$6,800.00	$2,950.00	$11,800.00
103	34	4" D.I. MJ GATE VALVE RESTRAINED (F&I)	20	EA	$1,700.00	$34,000.00	$3,768.00	$75,360.00
104	34	6" D.I. MJ GATE VALVE RESTRAINED (F&I)	64	EA	$2,135.00	$136,640.00	$4,570.00	$292,480.00
105	34	8" D.I. MJ GATE VALVE RESTRAINED (F&I)	38	EA	$2,890.00	$109,820.00	$5,079.00	$193,002.00
106	34	12" D.I. MJ GATE VALVE RESTRAINED (F&I)	38	EA	$5,040.00	$191,520.00	$8,410.00	$319,580.00
107	34	12" x 8" TAPPING SLEEVE W/FLG X MJ GATE VALVE RESTRAINED (F&I)	11	EA	$11,700.00	$128,700.00	$19,630.00	$215,930.00
108	34	6" D.I. MJ LINE STOP RESTRAINED (F&I)	6	EA	$11,500.00	$69,000.00	$16,000.00	$96,000.00
109	34	8" D.I. MJ LINE STOP RESTRAINED (F&I)	10	EA	$16,100.00	$161,000.00	$18,500.00	$185,000.00
110	34	12" D.I. MJ LINE STOP RESTRAINED (F&I)	10	EA	$16,700.00	$167,000.00	$21,000.00	$210,000.00
111	34	6" INSERTION VALVE HYDRA-STOP INSTA-VALVE PATRIOT 250 (RESTRAINED) (F&I)	4	EA	$15,100.00	$60,400.00	$19,465.00	$77,860.00
112	34	8" INSERTION VALVE HYDRA-STOP INSTA-VALVE PATRIOT 250 (RESTRAINED) (F&I)	6	EA	$16,800.00	$100,800.00	$21,778.00	$130,668.00
113	34	12" INSERTION VALVE HYDRA-STOP INSTA-VALVE PATRIOT 250 (RESTRAINED) (F&I)	6	EA	$26,000.00	$156,000.00	$30,404.00	$182,424.00
114	34	3" D.I. MJ SLEEVE RESTRAINED (F&I)	2	EA	$5,800.00	$11,600.00	$5,331.00	$10,662.00
115	34	4" D.I. MJ SLEEVE RESTRAINED (F&I)	6	EA	$5,800.00	$34,800.00	$6,520.00	$39,120.00
116	34	6" D.I. MJ SLEEVE RESTRAINED (F&I)	10	EA	$5,900.00	$59,000.00	$9,091.00	$90,910.00
117	34	8" D.I. MJ SLEEVE RESTRAINED (F&I)	9	EA	$6,100.00	$54,900.00	$12,880.00	$115,920.00
118	34	12" D.I. MJ SLEEVE RESTRAINED (F&I)	5	EA	$6,600.00	$33,000.00	$15,766.00	$78,830.00
119	34	6" X 6" D.I. MJ TEE RESTRAINED (F&I)	8	EA	$660.00	$5,280.00	$2,100.00	$16,800.00
120	34	8" x 4" D.I. MJ TEE RESTRAINED (F&I)	12	EA	$700.00	$8,400.00	$2,629.00	$31,548.00
121	34	8" x 6" D.I. MJ TEE RESTRAINED (F&I)	28	EA	$750.00	$21,000.00	$2,701.00	$75,628.00
122	34	8" x 8" D.I. MJ TEE RESTRAINED (F&I)	8	EA	$1,240.00	$9,920.00	$2,834.00	$22,672.00
123	34	12" x 3" D.I. MJ TEE RESTRAINED (F&I)	4	EA	$1,275.00	$5,100.00	$3,431.00	$13,724.00
124	34	12" x 4" D.I. MJ TEE RESTRAINED (F&I)	12	EA	$1,200.00	$14,400.00	$3,550.00	$42,600.00
125	34	12" x 6" D.I. MJ TEE RESTRAINED (F&I)	18	EA	$1,170.00	$21,060.00	$3,550.00	$63,900.00
126	34	12" x 8" D.I. MJ TEE RESTRAINED (F&I)	16	EA	$1,280.00	$20,480.00	$3,750.00	$60,000.00
127	34	12" x 12" D.I. MJ TEE RESTRAINED (F&I)	8	EA	$1,600.00	$12,800.00	$4,250.00	$34,000.00
128	34	8" x 6" D.I. MJ REDUCER RESTRAINED (F&I)	5	EA	$500.00	$2,500.00	$1,452.00	$7,260.00
129	34	12" x 8" D.I. MJ REDUCER RESTRAINED (F&I)	4	EA	$775.00	$3,100.00	$2,182.00	$8,728.00
130	35	WATER METER BOX (F&I)	306	EA	$430.28	$131,665.68	$1,400.00	$428,400.00
131	36	EXIST. WATER VALVES ADJUST	10	EA	$427.00	$4,270.00	$2,200.00	$22,000.00
132	37	SHOWER (F&I)	2	AS	$16,600.00	$33,200.00	$13,770.00	$27,540.00
					WATER ITEMS 57 THRU 132 SUBTOTAL	**$5,465,174.68**		**$10,301,976.00**
SEWER ITEMS								
133	38	SANITARY SEWER MANHOLE REHABILITATION (TYPE A)	11	EA	$21,700.00	$238,700.00	$11,929.00	$131,219.00
134	38	SANITARY SEWER MANHOLE REHABILITATION (TYPE C)	2	EA	$12,500.00	$25,000.00	$11,500.00	$23,000.00
135	39	SANITARY SEWER MANHOLE FURNISH & INSTALL (TYPE A)	6	EA	$16,860.00	$101,160.00	$28,759.00	$172,554.00
136	39	SANITARY SEWER MANHOLE FURNISH & INSTALL (TYPE C)	10	EA	$10,390.00	$103,900.00	$26,000.00	$260,000.00
137	39	LINE EXIST. MANHOLE WITH SPECTRASHIELD	1	EA	$9,220.00	$9,220.00	$44,500.00	$44,500.00
138	40	SANITARY SEWER MANHOLE REMOVAL	14	EA	$1,739.00	$24,346.00	$3,682.00	$51,548.00
139	40	EXIST. SANITARY SEWER MANHOLE ADJUST	8	EA	$7,870.00	$62,960.00	$3,285.00	$26,280.00
140	41	REMOVE 4" SANITARY SEWER	25	LF	$30.00	$750.00	$35.00	$875.00
141	41	REMOVE 6" SANITARY SEWER	492	LF	$32.00	$15,744.00	$35.00	$17,220.00
142	41	REMOVE 8" SANITARY SEWER	4386	LF	$35.00	$153,510.00	$43.00	$188,598.00
143	41	REMOVE 10" SANITARY SEWER	355	LF	$37.00	$13,135.00	$45.00	$15,975.00
144	41	REMOVE 12" SANITARY SEWER	67	LF	$39.00	$2,613.00	$50.00	$3,350.00
145	41	PVC SDR 26 (4") FURNISH AND INSTALL SAN. SEWER	25	LF	$170.00	$4,250.00	$92.00	$2,300.00
146	41	PVC SDR 26 (6") FURNISH AND INSTALL SAN. SEWER	492	LF	$175.00	$86,100.00	$99.00	$48,708.00
147	41	PVC SDR 26 (8") FURNISH AND INSTALL SAN. SEWER	4386	LF	$130.00	$570,180.00	$250.00	$1,096,500.00
148	41	PVC SDR 26 (10") FURNISH AND INSTALL SAN. SEWER	355	LF	$158.00	$56,090.00	$295.00	$104,725.00
149	41	PVC SDR 26 (12") FURNISH AND INSTALL SAN. SEWER	67	LF	$185.00	$12,395.00	$345.00	$23,115.00
150	42	SANITARY SEWER SERVICE LATERAL CONNECTIONS (F&I)	178	EA	$1,300.00	$231,400.00	$3,850.00	$685,300.00
151	42	SANITARY SEWER SERVICE LATERAL CONNECTIONS (REMOVE)	178	EA	$325.00	$57,850.00	$1,320.00	$234,960.00
152	43	EXIST. SANITARY SEWER CLEANOUT OR GREASE TRAP (ADJUST)	14	EA	$1,400.00	$19,600.00	$4,500.00	$63,000.00
153	44	CIPP SANITARY SEWER (8")	217	LF	$838.00	$181,846.00	$385.00	$83,545.00
					SEWER ITEMS 133 THRU 153 SUBTOTAL	**$1,970,749.00**		**$3,277,272.00**
SIGNING AND MARKING ITEMS								
154	45	RAISED PAVEMENT MARKER, TYPE B	58	EA	$11.00	$638.00	$8.50	$493.00
155	46	THERMOPLASTIC WHITE 6"	8895	LF	$2.50	$22,237.50	$1.75	$15,566.25
156	46	THERMOPLASTIC WHITE 12"	2787	LF	$6.50	$18,115.50	$3.51	$9,782.37
157	46	THERMOPLASTIC WHITE 24"	1995	LF	$12.00	$23,940.00	$7.00	$13,965.00
158	46	THERMOPLASTIC YELLOW 6"	2768	LF	$2.50	$6,920.00	$1.75	$4,844.00
159	46	THERMOPLASTIC DOUBLE YELLOW 6"	7322	LF	$5.20	$38,074.40	$3.50	$25,627.00
160	46	THERMOPLASTIC YELLOW 18"	585	LF	$10.00	$5,850.00	$5.25	$3,071.25
161	46	THERMOPLASTIC, STANDARD, BLUE, SOLID, 6"	312	LF	$8.00	$2,496.00	$4.20	$1,310.40
162	47	THERMOPLASTIC, STANDARD, WHITE, ARROW	13	EA	$240.00	$3,120.00	$350.00	$4,550.00
163	47	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	21	EA	$1,100.00	$23,100.00	$350.00	$7,350.00
164	48	SINGLE POST SIGN, REMOVE	42	EA	$100.00	$4,200.00	$200.00	$8,400.00
165	49	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	78	EA	$850.00	$66,300.00	$375.00	$29,250.00
					SIGNING AND MARKING ITEMS 154 THRU 165 SUBTOTAL	**$214,991.40**		**$124,209.27**
LIGHTING / ELECTRICAL ITEMS								
166	50	LIGHTING CONDUCTORS (#2/0) (F&I)	4206	LF	$35.00	$147,210.00	$24.52	$103,131.12
167	50	LIGHTING CONDUCTORS (#1 AWG) (F&I)	2103	LF	$10.00	$21,030.00	$7.00	$14,721.00
168	50	LIGHTING CONDUCTORS (#12) (F&I)	960	LF	$9.50	$9,120.00	$6.50	$6,240.00
169	50	LIGHTING CONDUIT (2") (F&I)	2103	LF	$45.00	$94,635.00	$32.45	$68,242.35
170	51	LIGHTING SERVICE CONNECTIONS (TRANSFORMER)	20	EA	$2,550.00	$51,000.00	$1,750.00	$35,000.00
171	52	ELECTRIC SERVICE CONNECTION BOXES (SCB'S) INSTALL	78	EA	$2,700.00	$210,600.00	$1,895.00	$147,810.00
172	53	LIGHT POLE REMOVE	15	EA	$1,900.00	$28,500.00	$1,295.00	$19,425.00
173	54	LIGHT POLE RELOCATE	42	EA	$4,200.00	$176,400.00	$2,595.00	$108,990.00
174	55	LIGHT POLE FURNISH AND INSTALL	24	EA	$8,500.00	$204,000.00	$5,796.00	$139,104.00
175	56	ADJUST ELECTRIC VAULT TYPE B (LID PROVIDED BY BES)	17	EA	$5,500.00	$93,500.00	$3,383.00	$57,511.00
176	56	ADJUST ELECTRIC VAULT TYPE DOUBLE TYPE B (LID PROVIDED BY BES)	1	EA	$9,700.00	$9,700.00	$5,885.00	$5,885.00
177	56	ADJUST ELECTRIC VAULT TYPE D (LID PROVIDED BY BES)	4	EA	$5,900.00	$23,600.00	$3,785.00	$15,140.00
178	56	ADJUST ELECTRIC VAULT TYPE F (LID PROVIDED BY BES)	10	EA	$7,100.00	$71,000.00	$4,375.00	$43,750.00
179	56	ADJUST ELECTRIC VAULT MANHOLE	4	EA	$29,000.00	$116,000.00	$18,172.00	$72,688.00
180	57	GAS VALVE COVER ADJUST	6	EA	$5,290.00	$31,740.00	$1,929.00	$11,574.00
181	58	FIBER OPTIC MANHOLE / PULLBOX ADJUST	4	EA	$6,650.00	$26,600.00	$5,590.00	$22,360.00
182	58	TELECOMMUNICATIONS PULLBOX ADJUST	14	EA	$6,170.00	$86,380.00	$4,751.00	$66,514.00
					LIGHTING / ELECTRICAL ITEMS 166 THRU 182 SUBTOTAL	**$1,401,015.00**		**$938,085.47**
LANDSCAPING ITEMS								
183	59	BERMUDA SOD	13493	SY	$12.00	$161,916.00	$13.99	$188,767.07
184	59	ST AUGUSTINE SOD	593	SY	$19.00	$11,267.00	$19.70	$11,682.10
185	60	SABAL PALM	4	EA	$1,320.00	$5,280.00	$750.00	$3,000.00
					LANDSCAPING ITEMS 183 THRU 185 TOTAL	**$178,463.00**		**$203,449.17**
					SUBTOTAL - ITEMS 1 THRU 185	**$24,496,166.68**		**$31,019,893.16**
186	N/A	PERFORMANCE AND PAYMENT BID BOND (MAX OF 1.5% OF ITEMS 1 THRU 185)	1	LS	**$373,000.00**	$373,000.00	$465,298.40	$465,298.40
					GRAND TOTAL - ITEMS 1 THRU 186	**$24,869,166.68**		**$31,485,191.56**

BID Tabulaiton
CITY OF JACKSONVILLE BEACH
Department of Public Works
PHASE IIIC PROJECTS 4 AND 5 INFRASTRUCTURE IMPROVEMENTS
Table From - ADDENDUM #3 6/2/2023

					Petticoat-Schmitt Civil Contractors, Inc.		United Brothers Development Corp.	
ITEM NO.	**M&P NO.**	**DESCRIPTION OF WORK**	**QTY**	**UNIT**	**UNIT PRICE**	**CONTRACT PRICE**	**UNIT PRICE**	**CONTRACT PRICE**
ROADWAY ITEMS								
1	1	DEMOLITION (CLEARING & GRUBBING)	1	LS	$2,502,000.00	$2,502,000.00	$116,950.00	$116,950.00
2	2	MAINTENANCE OF TRAFFIC	1	LS	$670,000.00	$670,000.00	$141,321.00	$141,321.00
3	3	EROSION CONTROL	1	LS	$299,200.00	$299,200.00	$102,494.00	$102,494.00
4	4	CRUSHCRETE BASE (6" THICK)	29991	SY	$40.00	$1,199,640.00	$39.95	$1,198,140.45
5	4	CRUSHCRETE BASE (4" THICK)	820	SY	$34.00	$27,880.00	$26.50	$21,730.00
6	5	STABILIZED SUBGRADE (12" THICK)	56358	SY	$11.20	$631,209.60	$14.00	$789,012.00
7	6	REMOVE UNSUITABLE MATERIAL AND DISPOSE	328	CY	$33.00	$10,824.00	$18.00	$5,904.00
8	6	EMBANKMENT (A3 FILL)	328	CY	$45.00	$14,760.00	$20.00	$6,560.00
9	7	MILLING EXIST. ASPHALT PAVEMENT (1.5" AVG. DEPTH) (1ST & 2ND ST. S.)	4089	SY	$11.00	$44,979.00	$13.00	$53,157.00
10	8	OPTIONAL BASE GROUP 15 (TYPE B-12.5 ONLY) (9") (SR A1A)	1258	SY	$100.00	$125,800.00	$97.75	$122,969.50
11	9	SUPERPAVE ASPHALTIC CONC (TRAFFIC LEVEL C) (W/PG 76-22)(SP-9.5) (2") (SR A1A)	1258	SY	$28.00	$35,224.00	$35.00	$44,030.00
12	9	FC-12.5 FRICTION COURSE (TRAFFIC LEVEL C) (W/PG 76-22) (1.5") (SR A1A)	1258	SY	$23.00	$28,934.00	$27.10	$34,091.80
13	9	SUPERPAVE ASPHALTIC CONC (TRAFFIC LEVEL C) (SP-9.5) (2") (1ST, 2ND & AVENUES)	30811	SY	$24.00	$739,464.00	$35.20	$1,084,547.20
14	9	SUPERPAVE ASPHALTIC CONC (TRAFFIC LEVEL C) (SP-9.5) (1.5") (1ST, 2ND & AVENUES)	4089	SY	$18.00	$73,602.00	$30.00	$122,670.00
15	10	EXCAVATABLE FLOWABLE FILL	188	CY	$400.00	$75,200.00	$365.00	$68,620.00
16	11	TEMPORARY ASPHALT (1" THICK FOR TRENCH REPAIRS)	1422	SY	$58.00	$82,476.00	$141.00	$200,502.00
17	12	CONCRETE CITY CURB & GUTTER WITH FIBERMESH	7569	LF	$50.00	$378,450.00	$66.50	$503,338.50
18	12	CONCRETE SPILLOUT CURB & GUTTER WITH FIBERMESH	2392	LF	$45.00	$107,640.00	$66.50	$159,068.00
19	12	CONCRETE VALLEY GUTTER WITH FIBERMESH	5401	LF	$60.00	$324,060.00	$88.00	$475,288.00
20	12	CONCRETE CURB WITH FIBERMESH (LANDSCAPE)	697	LF	$46.00	$32,062.00	$66.50	$46,350.50
21	12	CONCRETE HEADER CURB WITH FIBERMESH	3672	LF	$50.00	$183,600.00	$66.50	$244,188.00
22	12	CONCRETE CURB & GUTTER, TYPE F (SR A1A)	1842	LF	$47.00	$86,574.00	$77.75	$143,215.50
23	13	CONCRETE PAVEMENT WITH FIBERMESH (8" THICK) (ALLEYWAYS)	5344	SY	$120.00	$641,280.00	$160.00	$855,040.00
24	13	CONCRETE SIDEWALK (4" THICK) (SIDEWALK) (SR A1A)	1131	SY	$125.00	$141,375.00	$89.80	$101,563.80
25	13	CONCRETE SIDEWALK WITH FIBERMESH (6" THICK) (SIDEWALK)	6620	SY	$130.00	$860,600.00	$130.00	$860,600.00
26	13	CONCRETE PAVEMENT WITH FIBERMESH (6" THICK) (DRIVEWAYS)	9231	SY	$100.00	$923,100.00	$132.00	$1,218,492.00
27	13	CONCRETE PAVEMENT WITH FIBERMESH (6" THICK) (PARKING)	3281	SY	$95.00	$311,695.00	$136.00	$446,216.00
28	13	DETECTABLE WARNING MAT	2210	SF	$39.00	$86,190.00	$35.00	$77,350.00
29	14	REMOVE EXIST. PAVERS, REGRADE AND REINSTALL (DRIVEWAYS)	510	SY	$163.00	$83,130.00	$20.00	$10,200.00
30	15	CONCRETE SIDEWALK PAVERS (2-3/8")(FUNISH AND INSTALL)	593	SY	$173.00	$102,589.00	$75.00	$44,475.00
31	15	CONCRETE ROADWAY PAVERS (3-1/8") (FURNISH AND INSTALL)	629	SY	$225.00	$141,525.00	$95.00	$59,755.00
32	16	4" CONCRETE CAP (EXIST. UTILITIES)	222	CY	$950.00	$210,900.00	$85.00	$18,870.00
33	17	CONCRETE CURB STOP (FURNISH AND INSTALL)	77	EA	$145.00	$11,165.00	$125.00	$9,625.00
34	18	DUMPSTER ENCLOSURE	6	LS	$28,500.00	$171,000.00	$33,500.00	$201,000.00
35	19	WOODEN FENCE (FURNISH AND INSTALL)	50	LF	$58.00	$2,900.00	$52.50	$2,625.00
36	20	WOODEN FENCE (6' GATE)	1	AS	$1,900.00	$1,900.00	$4,500.00	$4,500.00
37	21	TREE GRATE (60" SQUARE) (IRONSMITH) (OCEANFRONT PARK)	4	EA	$10,000.00	$40,000.00	$18,000.00	$72,000.00
38	22	CONCRETE GRAVITY WALL	48	LF	$800.00	$38,400.00	$600.00	$28,800.00
39	23	PEDESTRIAN RAILING (ALUMINUM) (FURNISH AND INSTALL)	86	LF	$225.00	$19,350.00	$300.00	$25,800.00
					ROADWAY ITEMS 1 THRU 39 SUBTOTAL	**$11,460,677.60**		**$9,721,059.25**
DRAINAGE ITEMS								
40	24	INLET (F&I) (DBI, TYPE F)	10	EA	$5,970.00	$59,700.00	$17,985.00	$179,850.00
41	24	INLET (F&I) (DBI, TYPE F, J-BOTTOM)	1	EA	$16,000.00	$16,000.00	$22,430.00	$22,430.00
42	24	INLETS (F&I) (GUTTER, TYPE V)	34	EA	$7,670.00	$260,780.00	$20,523.00	$697,782.00
43	24	INLETS (F&I) (CURB, CITY)	37	EA	$9,200.00	$340,400.00	$18,955.00	$701,335.00
44	24	INLETS (F&I) (CURB, TYPE P-6, <10')	1	EA	$12,300.00	$12,300.00	$24,895.00	$24,895.00
45	24	MANHOLE (F&I) P-7 <10'	29	EA	$8,700.00	$252,300.00	$10,750.00	$311,750.00
46	24	MANHOLE (F&I) J-7 >10'	18	EA	$14,250.00	$256,500.00	$19,885.00	$357,930.00
47	24	MANHOLE (F&I) J-7 >10' (CONFLICT STRUCTURE)	1	EA	$17,800.00	$17,800.00	$24,750.00	$24,750.00
48	25	PIPE CULVERT (ROUND 6" PVC) (F&I)	247	LF	$162.00	$40,014.00	$159.00	$39,273.00
49	25	PIPE CULVERT (ROUND 15" PVC) (F&I)	1285	LF	$195.00	$250,575.00	$254.00	$326,390.00
50	25	PIPE CULVERT (ROUND 18" PVC) (F&I)	3192	LF	$200.00	$638,400.00	$364.00	$1,161,888.00
51	25	PIPE CULVERT (ROUND 24" PVC) (F&I)	1685	LF	$300.00	$505,500.00	$447.00	$753,195.00
52	25	PIPE CULVERT (ROUND 42" RCP) (F&I)	688	LF	$400.00	$275,200.00	$590.00	$405,920.00
53	25	PIPE CULVERT (ROUND 48" RCP) (F&I)	398	LF	$450.00	$179,100.00	$776.00	$308,848.00
54	25	PIPE CULVERT (34"X53" ELLIP. RCP) (F&I)	605	LF	$541.00	$327,305.00	$830.00	$502,150.00
55	25	PIPE CULVERT (38"X60" ELLIP. RCP) (F&I)	41	LF	$722.00	$29,602.00	$1,120.00	$45,920.00
56	25	PIPE CULVERT (43"X68" ELLIP. RCP) (F&I)	414	LF	$830.00	$343,620.00	$1,424.00	$589,536.00
					DRAINAGE ITEMS 40 THRU 56 SUBTOTAL	**$3,805,096.00**		**$6,453,842.00**
WATER ITEMS								
57	26	1/2" SAMPLE TAP	18	EA	$900.00	$16,200.00	$1,200.00	$21,600.00
58	26	SERVICE CONNECTION (1") (SHORT)	80	EA	$1,300.00	$104,000.00	$2,158.00	$172,640.00
59	26	SERVICE CONNECTION (1") (LONG)	44	EA	$1,350.00	$59,400.00	$2,650.00	$116,600.00
60	26	SERVICE CONNECTION (2") (DOUBLE) (SHORT)	14	EA	$2,300.00	$32,200.00	$4,921.00	$68,894.00
61	26	SERVICE CONNECTION (2") (DOUBLE) (LONG)	11	EA	$2,400.00	$26,400.00	$5,680.00	$62,480.00
62	26	1" SERVICE CONNECTION OFF 2" GANG SERVICE	68	EA	$575.00	$39,100.00	$2,385.00	$162,180.00
63	26	1" SERVICE CONNECTION OFF 2" DOUBLE SERVICE	72	EA	$725.00	$52,200.00	$2,158.00	$155,376.00
64	26	1" SERVICE CONNECTION OFF 4" GANG SERVICE	46	EA	$900.00	$41,400.00	$2,350.00	$108,100.00
65	26	4" GANG SERVICE CONNECTION (SHORT)	3	EA	$7,400.00	$22,200.00	$8,150.00	$24,450.00
66	26	4" GANG SERVICE CONNECTION (LONG)	4	EA	$8,800.00	$35,200.00	$9,311.00	$37,244.00
67	26	2" GANG SERVICE CONNECTION (SHORT)	7	EA	$2,500.00	$17,500.00	$8,468.00	$59,276.00
68	26	2" GANG SERVICE CONNECTION (LONG)	8	EA	$2,200.00	$17,600.00	$8,895.00	$71,160.00
69	27	6" FIRE HYDRANT ASSEMBLY REMOVE	20	EA	$1,442.00	$28,840.00	$2,375.00	$47,500.00
70	28	6" FIRE HYDRANT ASSEMBLY (F&I)	22	EA	$12,720.00	$279,840.00	$9,115.00	$200,530.00
71	29	6" FIRE HYDRANT COMPACT ASSEMBLY WITH 90 DEGREE BEND (F&I)	4	EA	$13,030.00	$52,120.00	$9,300.00	$37,200.00
72	30	WM REMOVAL (2")	730	LF	$45.00	$32,850.00	$45.00	$32,850.00
73	30	WM REMOVAL (3")	130	LF	$45.00	$5,850.00	$48.00	$6,240.00
74	30	WM REMOVAL (4")	240	LF	$45.00	$10,800.00	$50.00	$12,000.00
75	30	WM REMOVAL (6")	2860	LF	$45.00	$128,700.00	$54.00	$154,440.00
76	30	WM REMOVAL (8")	3095	LF	$45.00	$139,275.00	$56.00	$173,320.00
77	30	WM REMOVAL (12")	990	LF	$45.00	$44,550.00	$60.00	$59,400.00
78	31	GROUT FILL WM (2")	796	LF	$29.00	$23,084.00	$18.00	$14,328.00
79	31	GROUT FILL WM (6")	2643	LF	$30.00	$79,290.00	$22.00	$58,146.00
80	31	GROUT FILL WM (8")	940	LF	$31.00	$29,140.00	$27.00	$25,380.00
81	32	PVC DR 18 WM (4") (F&I)	370	LF	$75.00	$27,750.00	$250.00	$92,500.00
82	32	PVC DR 18 WM (6") (F&I)	3690	LF	$108.00	$398,520.00	$264.00	$974,160.00
83	32	PVC DR 18 WM (8") (F&I)	3360	LF	$110.00	$369,600.00	$301.00	$1,011,360.00
84	32	PVC DR 18 WM (12") (F&I)	3980	LF	$180.00	$716,400.00	$385.00	$1,532,300.00
85	32	PVC SDR 21 WM (3") (F&I)	54	LF	$75.00	$4,050.00	$244.00	$13,176.00
86	33	FPVC DR 18 WM (8") (HORIZONTAL DIRECTIONAL DRILL UNDER SR A1A) (F&I)	1236	LF	$170.00	$210,120.00	$205.00	$253,380.00
87	33	FPVC DR 18 WM (12") (HORIZONTAL DIRECTIONAL DRILL UNDER SR A1A) (F&I)	258	LF	$220.00	$56,760.00	$301.00	$77,658.00
88	61	2" COMBINATION AIR RELIEF VACUUM VALVE (F&I) (WM UNDER SR AIA)	12	EA	$3,900.00	$46,800.00	$24,000.00	$288,000.00
89	34	3" D.I. MJ CAP RESTRAINED (F&I)	2	EA	$230.00	$460.00	$850.00	$1,700.00
90	34	4" D.I. MJ CAP RESTRAINED (F&I)	28	EA	$190.00	$5,320.00	$1,115.00	$31,220.00
91	34	6" D.I. MJ CAP RESTRAINED (F&I)	2	EA	$280.00	$560.00	$1,240.00	$2,480.00
92	34	8" D.I. MJ CAP RESTRAINED (F&I)	2	EA	$350.00	$700.00	$1,586.00	$3,172.00
93	34	8" D.I. MJ 11.25 DEGREE BEND RESTRAINED (F&I)	14	EA	$530.00	$7,420.00	$1,831.00	$25,634.00
94	34	12" D.I. MJ 11.25 DEGREE BEND RESTRAINED (F&I)	8	EA	$650.00	$5,200.00	$2,450.00	$19,600.00
95	34	8" D.I. MJ 22.50 DEGREE BEND RESTRAINED (F&I)	12	EA	$550.00	$6,600.00	$1,831.00	$21,972.00
96	34	12" D.I. MJ 22.50 DEGREE BEND RESTRAINED (F&I)	8	EA	$950.00	$7,600.00	$2,450.00	$19,600.00
97	34	6" D.I. MJ 45 DEGREE BEND RESTRAINED (F&I)	90	EA	$400.00	$36,000.00	$1,350.00	$121,500.00
98	34	8" D.I. MJ 45 DEGREE BEND RESTRAINED (F&I)	140	EA	$950.00	$133,000.00	$1,595.00	$223,300.00
99	34	12" D.I. MJ 45 DEGREE BEND RESTRAINED (F&I)	182	EA	$1,550.00	$282,100.00	$2,450.00	$445,900.00
100	34	6" D.I. MJ 90 DEGREE BEND RESTRAINED (F&I)	44	EA	$430.00	$18,920.00	$1,395.00	$61,380.00
101	34	6" D.I. MJ x FLG 90 DEGREE BEND RESTRAINED (F&I)	12	EA	$450.00	$5,400.00	$1,692.00	$20,304.00

102	34	3" D.I. MJ GATE VALVE RESTRAINED (F&I)	4	EA	$1,700.00	$6,800.00	$2,950.00	$11,800.00
103	34	4" D.I. MJ GATE VALVE RESTRAINED (F&I)	20	EA	$1,700.00	$34,000.00	$3,768.00	$75,360.00
104	34	6" D.I. MJ GATE VALVE RESTRAINED (F&I)	64	EA	$2,135.00	$136,640.00	$4,570.00	$292,480.00
105	34	8" D.I. MJ GATE VALVE RESTRAINED (F&I)	38	EA	$2,890.00	$109,820.00	$5,079.00	$193,002.00
106	34	12" D.I. MJ GATE VALVE RESTRAINED (F&I)	38	EA	$5,040.00	$191,520.00	$8,410.00	$319,580.00
107	34	12" x 8" TAPPING SLEEVE W/FLG X MJ GATE VALVE RESTRAINED (F&I)	11	EA	$11,700.00	$128,700.00	$19,630.00	$215,930.00
108	34	6" D.I. MJ LINE STOP RESTRAINED (F&I)	6	EA	$11,500.00	$69,000.00	$16,000.00	$96,000.00
109	34	8" D.I. MJ LINE STOP RESTRAINED (F&I)	10	EA	$16,100.00	$161,000.00	$18,500.00	$185,000.00
110	34	12" D.I. MJ LINE STOP RESTRAINED (F&I)	10	EA	$16,700.00	$167,000.00	$21,000.00	$210,000.00
111	34	6" INSERTION VALVE HYDRA-STOP INSTA-VALVE PATRIOT 250 (RESTRAINED) (F&I)	4	EA	$15,100.00	$60,400.00	$19,465.00	$77,860.00
112	34	8" INSERTION VALVE HYDRA-STOP INSTA-VALVE PATRIOT 250 (RESTRAINED) (F&I)	6	EA	$16,800.00	$100,800.00	$21,778.00	$130,668.00
113	34	12" INSERTION VALVE HYDRA-STOP INSTA-VALVE PATRIOT 250 (RESTRAINED) (F&I)	6	EA	$26,000.00	$156,000.00	$30,404.00	$182,424.00
114	34	3" D.I. MJ SLEEVE RESTRAINED (F&I)	2	EA	$5,800.00	$11,600.00	$5,331.00	$10,662.00
115	34	4" D.I. MJ SLEEVE RESTRAINED (F&I)	6	EA	$5,800.00	$34,800.00	$6,520.00	$39,120.00
116	34	6" D.I. MJ SLEEVE RESTRAINED (F&I)	10	EA	$5,900.00	$59,000.00	$9,091.00	$90,910.00
117	34	8" D.I. MJ SLEEVE RESTRAINED (F&I)	9	EA	$6,100.00	$54,900.00	$12,880.00	$115,920.00
118	34	12" D.I. MJ SLEEVE RESTRAINED (F&I)	5	EA	$6,600.00	$33,000.00	$15,766.00	$78,830.00
119	34	6" X 6" D.I. MJ TEE RESTRAINED (F&I)	8	EA	$660.00	$5,280.00	$2,100.00	$16,800.00
120	34	8" x 4" D.I. MJ TEE RESTRAINED (F&I)	12	EA	$700.00	$8,400.00	$2,629.00	$31,548.00
121	34	8" x 6" D.I. MJ TEE RESTRAINED (F&I)	28	EA	$750.00	$21,000.00	$2,701.00	$75,628.00
122	34	8" x 8" D.I. MJ TEE RESTRAINED (F&I)	8	EA	$1,240.00	$9,920.00	$2,834.00	$22,672.00
123	34	12" x 3" D.I. MJ TEE RESTRAINED (F&I)	4	EA	$1,275.00	$5,100.00	$3,431.00	$13,724.00
124	34	12" x 4" D.I. MJ TEE RESTRAINED (F&I)	12	EA	$1,200.00	$14,400.00	$3,550.00	$42,600.00
125	34	12" x 6" D.I. MJ TEE RESTRAINED (F&I)	18	EA	$1,170.00	$21,060.00	$3,550.00	$63,900.00
126	34	12" x 8" D.I. MJ TEE RESTRAINED (F&I)	16	EA	$1,280.00	$20,480.00	$3,750.00	$60,000.00
127	34	12" x 12" D.I. MJ TEE RESTRAINED (F&I)	8	EA	$1,600.00	$12,800.00	$4,250.00	$34,000.00
128	34	8" x 6" D.I. MJ REDUCER RESTRAINED (F&I)	5	EA	$500.00	$2,500.00	$1,452.00	$7,260.00
129	34	12" x 8" D.I. MJ REDUCER RESTRAINED (F&I)	4	EA	$775.00	$3,100.00	$2,182.00	$8,728.00
130	35	WATER METER BOX (F&I)	306	EA	$430.28	$131,665.68	$1,400.00	$428,400.00
131	36	EXIST. WATER VALVES ADJUST	10	EA	$427.00	$4,270.00	$2,200.00	$22,000.00
132	37	SHOWER (F&I)	2	AS	$16,600.00	$33,200.00	$13,770.00	$27,540.00
					WATER ITEMS 57 THRU 132 SUBTOTAL	**$5,465,174.68**		**$10,301,976.00**
SEWER ITEMS								
133	38	SANITARY SEWER MANHOLE REHABILITATION (TYPE A)	11	EA	$21,700.00	$238,700.00	$11,929.00	$131,219.00
134	38	SANITARY SEWER MANHOLE REHABILITATION (TYPE C)	2	EA	$12,500.00	$25,000.00	$11,500.00	$23,000.00
135	39	SANITARY SEWER MANHOLE FURNISH & INSTALL (TYPE A)	6	EA	$16,860.00	$101,160.00	$28,759.00	$172,554.00
136	39	SANITARY SEWER MANHOLE FURNISH & INSTALL (TYPE C)	10	EA	$10,390.00	$103,900.00	$26,000.00	$260,000.00
137	39	LINE EXIST. MANHOLE WITH SPECTRASHIELD	1	EA	$9,220.00	$9,220.00	$44,500.00	$44,500.00
138	40	SANITARY SEWER MANHOLE REMOVAL	14	EA	$1,739.00	$24,346.00	$3,682.00	$51,548.00
139	40	EXIST. SANITARY SEWER MANHOLE ADJUST	8	EA	$7,870.00	$62,960.00	$3,285.00	$26,280.00
140	41	REMOVE 4" SANITARY SEWER	25	LF	$30.00	$750.00	$35.00	$875.00
141	41	REMOVE 6" SANITARY SEWER	492	LF	$32.00	$15,744.00	$35.00	$17,220.00
142	41	REMOVE 8" SANITARY SEWER	4386	LF	$35.00	$153,510.00	$43.00	$188,598.00
143	41	REMOVE 10" SANITARY SEWER	355	LF	$37.00	$13,135.00	$45.00	$15,975.00
144	41	REMOVE 12" SANITARY SEWER	67	LF	$39.00	$2,613.00	$50.00	$3,350.00
145	41	PVC SDR 26 (4") FURNISH AND INSTALL SAN. SEWER	25	LF	$170.00	$4,250.00	$92.00	$2,300.00
146	41	PVC SDR 26 (6") FURNISH AND INSTALL SAN. SEWER	492	LF	$175.00	$86,100.00	$99.00	$48,708.00
147	41	PVC SDR 26 (8") FURNISH AND INSTALL SAN. SEWER	4386	LF	$130.00	$570,180.00	$250.00	$1,096,500.00
148	41	PVC SDR 26 (10") FURNISH AND INSTALL SAN. SEWER	355	LF	$158.00	$56,090.00	$295.00	$104,725.00
149	41	PVC SDR 26 (12") FURNISH AND INSTALL SAN. SEWER	67	LF	$185.00	$12,395.00	$345.00	$23,115.00
150	42	SANITARY SEWER SERVICE LATERAL CONNECTIONS (F&I)	178	EA	$1,300.00	$231,400.00	$3,850.00	$685,300.00
151	42	SANITARY SEWER SERVICE LATERAL CONNECTIONS (REMOVE)	178	EA	$325.00	$57,850.00	$1,320.00	$234,960.00
152	43	EXIST. SANITARY SEWER CLEANOUT OR GREASE TRAP (ADJUST)	14	EA	$1,400.00	$19,600.00	$4,500.00	$63,000.00
153	44	CIPP SANITARY SEWER (8")	217	LF	$838.00	$181,846.00	$385.00	$83,545.00
					SEWER ITEMS 133 THRU 153 SUBTOTAL	**$1,970,749.00**		**$3,277,272.00**
SIGNING AND MARKING ITEMS								
154	45	RAISED PAVEMENT MARKER, TYPE B	58	EA	$11.00	$638.00	$8.50	$493.00
155	46	THERMOPLASTIC WHITE 6"	8895	LF	$2.50	$22,237.50	$1.75	$15,566.25
156	46	THERMOPLASTIC WHITE 12"	2787	LF	$6.50	$18,115.50	$3.51	$9,782.37
157	46	THERMOPLASTIC WHITE 24"	1995	LF	$12.00	$23,940.00	$7.00	$13,965.00
158	46	THERMOPLASTIC YELLOW 6"	2768	LF	$2.50	$6,920.00	$1.75	$4,844.00
159	46	THERMOPLASTIC DOUBLE YELLOW 6"	7322	LF	$5.20	$38,074.40	$3.50	$25,627.00
160	46	THERMOPLASTIC YELLOW 18"	585	LF	$10.00	$5,850.00	$5.25	$3,071.25
161	46	THERMOPLASTIC, STANDARD, BLUE, SOLID, 6"	312	LF	$8.00	$2,496.00	$4.20	$1,310.40
162	47	THERMOPLASTIC, STANDARD, WHITE, ARROW	13	EA	$240.00	$3,120.00	$350.00	$4,550.00
163	47	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	21	EA	$1,100.00	$23,100.00	$350.00	$7,350.00
164	48	SINGLE POST SIGN, REMOVE	42	EA	$100.00	$4,200.00	$200.00	$8,400.00
165	49	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	78	EA	$850.00	$66,300.00	$375.00	$29,250.00
					SIGNING AND MARKING ITEMS 154 THRU 165 SUBTOTAL	**$214,991.40**		**$124,209.27**
LIGHTING / ELECTRICAL ITEMS								
166	50	LIGHTING CONDUCTORS (#2/0) (F&I)	4206	LF	$35.00	$147,210.00	$24.52	$103,131.12
167	50	LIGHTING CONDUCTORS (#1 AWG) (F&I)	2103	LF	$10.00	$21,030.00	$7.00	$14,721.00
168	50	LIGHTING CONDUCTORS (#12) (F&I)	960	LF	$9.50	$9,120.00	$6.50	$6,240.00
169	50	LIGHTING CONDUIT (2") (F&I)	2103	LF	$45.00	$94,635.00	$32.45	$68,242.35
170	51	LIGHTING SERVICE CONNECTIONS (TRANSFORMER)	20	EA	$2,550.00	$51,000.00	$1,750.00	$35,000.00
171	52	ELECTRIC SERVICE CONNECTION BOXES (SCB'S) INSTALL	78	EA	$2,700.00	$210,600.00	$1,895.00	$147,810.00
172	53	LIGHT POLE REMOVE	15	EA	$1,900.00	$28,500.00	$1,295.00	$19,425.00
173	54	LIGHT POLE RELOCATE	42	EA	$4,200.00	$176,400.00	$2,595.00	$108,990.00
174	55	LIGHT POLE FURNISH AND INSTALL	24	EA	$8,500.00	$204,000.00	$5,796.00	$139,104.00
175	56	ADJUST ELECTRIC VAULT TYPE B (LID PROVIDED BY BES)	17	EA	$5,500.00	$93,500.00	$3,383.00	$57,511.00
176	56	ADJUST ELECTRIC VAULT TYPE DOUBLE TYPE B (LID PROVIDED BY BES)	1	EA	$9,700.00	$9,700.00	$5,885.00	$5,885.00
177	56	ADJUST ELECTRIC VAULT TYPE D (LID PROVIDED BY BES)	4	EA	$5,900.00	$23,600.00	$3,785.00	$15,140.00
178	56	ADJUST ELECTRIC VAULT TYPE F (LID PROVIDED BY BES)	10	EA	$7,100.00	$71,000.00	$4,375.00	$43,750.00
179	56	ADJUST ELECTRIC VAULT MANHOLE	4	EA	$29,000.00	$116,000.00	$18,172.00	$72,688.00
180	57	GAS VALVE COVER ADJUST	6	EA	$5,290.00	$31,740.00	$1,929.00	$11,574.00
181	58	FIBER OPTIC MANHOLE / PULLBOX ADJUST	4	EA	$6,650.00	$26,600.00	$5,590.00	$22,360.00
182	58	TELECOMMUNICATIONS PULLBOX ADJUST	14	EA	$6,170.00	$86,380.00	$4,751.00	$66,514.00
					LIGHTING / ELECTRICAL ITEMS 166 THRU 182 SUBTOTAL	**$1,401,015.00**		**$938,085.47**
LANDSCAPING ITEMS								
183	59	BERMUDA SOD	13493	SY	$12.00	$161,916.00	$13.99	$188,767.07
184	59	ST AUGUSTINE SOD	593	SY	$19.00	$11,267.00	$19.70	$11,682.10
185	60	SABAL PALM	4	EA	$1,320.00	$5,280.00	$750.00	$3,000.00
					LANDSCAPING ITEMS 183 THRU 185 TOTAL	**$178,463.00**		**$203,449.17**
					SUBTOTAL - ITEMS 1 THRU 185	**$24,496,166.68**		**$31,019,893.16**
186	N/A	PERFORMANCE AND PAYMENT BID BOND (MAX OF 1.5% OF ITEMS 1 THRU 185)	1	LS	**$373,000.00**	$373,000.00	$465,298.40	$465,298.40
					GRAND TOTAL - ITEMS 1 THRU 186	**$24,869,166.68**		**$31,485,191.56**

Public Works
Response Summary
Bid No. 2223-06 PHASE IIIC PROJECTS 4 AND 5 INFRASTRUCTURE IMPROVEMENTS

Vendor	00300 Bid Proposal Form	Section 00301 A	B	C	D	E	F	Addendum 1	2	3	4	5	00410 Bid Bond	00480 Non-collusion Affidavit	Local Business Tax Receipt	W-9	Qualifications	Notes
Petticoat-Schmitt	x	x	x	x	x	x	x	x	x	x	x	x	x	x	b	x	x	
United Brothers	a	x	x	x	x	x	x	x	x	x	x	x	x	x	b	x	x	

Legend:
a - Not signed and GC# not provided
b - Not provided

gai consultants

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T 904.363.1110
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June 30, 2023

Dennis Barron, MBA
Public Works Director
City of Jacksonville Beach
1460-A Shetter Avenue
Jacksonville Beach, FL 32250

Subject: COJB Bid Number 2223-06 Phase 3C Projects 4 & 5 Infrastructure Improvements Recommendation to Award

Dear Mr. Barron,

We are pleased to enclose the bid tabulation for the two (2) bids for the referenced project. The bids have been checked for mathematical errors, verified and evaluated for conformance with the criteria set forth in the bidding documents.

Petticoat-Schmitt Civil Contractors Inc. is the low bidder with a bid of $24,869,166.68.

Based on the availability of Redevelopment Tax Increment Trust Funds, we recommend award of Phase 3C Projects 4 & 5 Infrastructure Improvements to Petticoat-Schmitt Civil Contractors Inc. for a total of $24,869,166.68. In addition, we recommend an 8% contingency be included for unforeseen circumstances during construction. The bid for the project including an 8% contingency amount is $26,858,700.01.

We appreciate this opportunity to be of service to the City of Jacksonville Beach and look forward to the successful construction of this project.

Sincerely,

GAI Consultants, Inc.

Matthew Bolyard

Matthew Bolyard, PE

Senior Engineering Manager

cc: Dennis Dupries, Construction Project Manager
Kayle Moore, PE, Project Engineer
Luis Flores, Property and Procurement Officer

BID Tabulaiton
CITY OF JACKSONVILLE BEACH
Department of Public Works
PHASE IIIC PROJECTS 4 AND 5 INFRASTRUCTURE IMPROVEMENTS
Table From - ADDENDUM #3 6/2/2023

					Petticoat-Schmitt Civil Contractors, Inc.		United Brothers Development Corp.	
ITEM NO.	M&P NO.	DESCRIPTION OF WORK	QTY	UNIT	UNIT PRICE	CONTRACT PRICE	UNIT PRICE	CONTRACT PRICE
ROADWAY ITEMS								
1	1	DEMOLITION (CLEARING & GRUBBING)	1	LS	$2,502,000.00	$2,502,000.00	$116,950.00	$116,950.00
2	2	MAINTENANCE OF TRAFFIC	1	LS	$670,000.00	$670,000.00	$141,321.00	$141,321.00
3	3	EROSION CONTROL	1	LS	$299,200.00	$299,200.00	$102,494.00	$102,494.00
4	4	CRUSHCRETE BASE (6" THICK)	29991	SY	$40.00	$1,199,640.00	$39.95	$1,198,140.45
5	4	CRUSHCRETE BASE (4" THICK)	820	SY	$34.00	$27,880.00	$26.50	$21,730.00
6	5	STABILIZED SUBGRADE (12" THICK)	56358	SY	$11.20	$631,209.60	$14.00	$789,012.00
7	6	REMOVE UNSUITABLE MATERIAL AND DISPOSE	328	CY	$33.00	$10,824.00	$18.00	$5,904.00
8	6	EMBANKMENT (A3 FILL)	328	CY	$45.00	$14,760.00	$20.00	$6,560.00
9	7	MILLING EXIST. ASPHALT PAVEMENT (1.5" AVG. DEPTH) (1ST & 2ND ST. S.)	4089	SY	$11.00	$44,979.00	$13.00	$53,157.00
10	8	OPTIONAL BASE GROUP 15 (TYPE B-12.5 ONLY) (9") (SR A1A)	1258	SY	$100.00	$125,800.00	$97.75	$122,969.50
11	9	SUPERPAVE ASPHALTIC CONC (TRAFFIC LEVEL C) (W/PG 76-22)(SP-9.5) (2") (SR A1A)	1258	SY	$28.00	$35,224.00	$35.00	$44,030.00
12	9	FC-12.5 FRICTION COURSE (TRAFFIC LEVEL C) (W/PG 76-22) (1.5") (SR A1A)	1258	SY	$23.00	$28,934.00	$27.10	$34,091.80
13	9	SUPERPAVE ASPHALTIC CONC (TRAFFIC LEVEL C) (SP-9.5) (2") (1ST, 2ND & AVENUES)	30811	SY	$24.00	$739,464.00	$35.20	$1,084,547.20
14	9	SUPERPAVE ASPHALTIC CONC (TRAFFIC LEVEL C) (SP-9.5) (1.5") (1ST, 2ND & AVENUES)	4089	SY	$18.00	$73,602.00	$30.00	$122,670.00
15	10	EXCAVATABLE FLOWABLE FILL	188	CY	$400.00	$75,200.00	$365.00	$68,620.00
16	11	TEMPORARY ASPHALT (1" THICK FOR TRENCH REPAIRS)	1422	SY	$58.00	$82,476.00	$141.00	$200,502.00
17	12	CONCRETE CITY CURB & GUTTER WITH FIBERMESH	7569	LF	$50.00	$378,450.00	$66.50	$503,338.50
18	12	CONCRETE SPILLOUT CURB & GUTTER WITH FIBERMESH	2392	LF	$45.00	$107,640.00	$66.50	$159,068.00
19	12	CONCRETE VALLEY GUTTER WITH FIBERMESH	5401	LF	$60.00	$324,060.00	$88.00	$475,288.00
20	12	CONCRETE CURB WITH FIBERMESH (LANDSCAPE)	697	LF	$46.00	$32,062.00	$66.50	$46,350.50
21	12	CONCRETE HEADER CURB WITH FIBERMESH	3672	LF	$50.00	$183,600.00	$66.50	$244,188.00
22	12	CONCRETE CURB & GUTTER, TYPE F (SR A1A)	1842	LF	$47.00	$86,574.00	$77.75	$143,215.50
23	13	CONCRETE PAVEMENT WITH FIBERMESH (8" THICK) (ALLEYWAYS)	5344	SY	$120.00	$641,280.00	$160.00	$855,040.00
24	13	CONCRETE SIDEWALK (4" THICK) (SIDEWALK) (SR A1A)	1131	SY	$125.00	$141,375.00	$89.80	$101,563.80
25	13	CONCRETE SIDEWALK WITH FIBERMESH (6" THICK) (SIDEWALK)	6620	SY	$130.00	$860,600.00	$130.00	$860,600.00
26	13	CONCRETE PAVEMENT WITH FIBERMESH (6" THICK) (DRIVEWAYS)	9231	SY	$100.00	$923,100.00	$132.00	$1,218,492.00
27	13	CONCRETE PAVEMENT WITH FIBERMESH (6" THICK) (PARKING)	3281	SY	$95.00	$311,695.00	$136.00	$446,216.00
28	13	DETECTABLE WARNING MAT	2210	SF	$39.00	$86,190.00	$35.00	$77,350.00
29	14	REMOVE EXIST. PAVERS, REGRADE AND REINSTALL (DRIVEWAYS)	510	SY	$163.00	$83,130.00	$20.00	$10,200.00
30	15	CONCRETE SIDEWALK PAVERS (2-3/8")(FUNISH AND INSTALL)	593	SY	$173.00	$102,589.00	$75.00	$44,475.00
31	15	CONCRETE ROADWAY PAVERS (3-1/8") (FURNISH AND INSTALL)	629	SY	$225.00	$141,525.00	$95.00	$59,755.00
32	16	4" CONCRETE CAP (EXIST. UTILITIES)	222	CY	$950.00	$210,900.00	$85.00	$18,870.00
33	17	CONCRETE CURB STOP (FURNISH AND INSTALL)	77	EA	$145.00	$11,165.00	$125.00	$9,625.00
34	18	DUMPSTER ENCLOSURE	6	LS	$28,500.00	$171,000.00	$33,500.00	$201,000.00
35	19	WOODEN FENCE (FURNISH AND INSTALL)	50	LF	$58.00	$2,900.00	$52.50	$2,625.00
36	20	WOODEN FENCE (6' GATE)	1	AS	$1,900.00	$1,900.00	$4,500.00	$4,500.00
37	21	TREE GRATE (60" SQUARE) (IRONSMITH) (OCEANFRONT PARK)	4	EA	$10,000.00	$40,000.00	$18,000.00	$72,000.00
38	22	CONCRETE GRAVITY WALL	48	LF	$800.00	$38,400.00	$600.00	$28,800.00
39	23	PEDESTRIAN RAILING (ALUMINUM) (FURNISH AND INSTALL)	86	LF	$225.00	$19,350.00	$300.00	$25,800.00
				ROADWAY ITEMS 1 THRU 39 SUBTOTAL		**$11,460,677.60**		**$9,721,059.25**
DRAINAGE ITEMS								
40	24	INLET (F&I) (DBI, TYPE F)	10	EA	$5,970.00	$59,700.00	$17,985.00	$179,850.00
41	24	INLET (F&I) (DBI, TYPE F, J-BOTTOM)	1	EA	$16,000.00	$16,000.00	$22,430.00	$22,430.00
42	24	INLETS (F&I) (GUTTER, TYPE V)	34	EA	$7,670.00	$260,780.00	$20,523.00	$697,782.00
43	24	INLETS (F&I) (CURB, CITY)	37	EA	$9,200.00	$340,400.00	$18,955.00	$701,335.00
44	24	INLETS (F&I) (CURB, TYPE P-6, <10')	1	EA	$12,300.00	$12,300.00	$24,895.00	$24,895.00
45	24	MANHOLE (F&I) P-7 <10'	29	EA	$8,700.00	$252,300.00	$10,750.00	$311,750.00
46	24	MANHOLE (F&I) J-7 >10'	18	EA	$14,250.00	$256,500.00	$19,885.00	$357,930.00
47	24	MANHOLE (F&I) J-7 >10' (CONFLICT STRUCTURE)	1	EA	$17,800.00	$17,800.00	$24,750.00	$24,750.00
48	25	PIPE CULVERT (ROUND 6" PVC) (F&I)	247	LF	$162.00	$40,014.00	$159.00	$39,273.00
49	25	PIPE CULVERT (ROUND 15" PVC) (F&I)	1285	LF	$195.00	$250,575.00	$254.00	$326,390.00
50	25	PIPE CULVERT (ROUND 18" PVC) (F&I)	3192	LF	$200.00	$638,400.00	$364.00	$1,161,888.00
51	25	PIPE CULVERT (ROUND 24" PVC) (F&I)	1685	LF	$300.00	$505,500.00	$447.00	$753,195.00
52	25	PIPE CULVERT (ROUND 42" RCP) (F&I)	688	LF	$400.00	$275,200.00	$590.00	$405,920.00
53	25	PIPE CULVERT (ROUND 48" RCP) (F&I)	398	LF	$450.00	$179,100.00	$776.00	$308,848.00
54	25	PIPE CULVERT (34"X53" ELLIP. RCP) (F&I)	605	LF	$541.00	$327,305.00	$830.00	$502,150.00
55	25	PIPE CULVERT (38"X60" ELLIP. RCP) (F&I)	41	LF	$722.00	$29,602.00	$1,120.00	$45,920.00
56	25	PIPE CULVERT (43"X68" ELLIP. RCP) (F&I)	414	LF	$830.00	$343,620.00	$1,424.00	$589,536.00
				DRAINAGE ITEMS 40 THRU 56 SUBTOTAL		**$3,805,096.00**		**$6,453,842.00**
WATER ITEMS								
57	26	1/2" SAMPLE TAP	18	EA	$900.00	$16,200.00	$1,200.00	$21,600.00
58	26	SERVICE CONNECTION (1") (SHORT)	80	EA	$1,300.00	$104,000.00	$2,158.00	$172,640.00
59	26	SERVICE CONNECTION (1") (LONG)	44	EA	$1,350.00	$59,400.00	$2,650.00	$116,600.00
60	26	SERVICE CONNECTION (2") (DOUBLE) (SHORT)	14	EA	$2,300.00	$32,200.00	$4,921.00	$68,894.00
61	26	SERVICE CONNECTION (2") (DOUBLE) (LONG)	11	EA	$2,400.00	$26,400.00	$5,680.00	$62,480.00
62	26	1" SERVICE CONNECTION OFF 2" GANG SERVICE	68	EA	$575.00	$39,100.00	$2,385.00	$162,180.00
63	26	1" SERVICE CONNECTION OFF 2" DOUBLE SERVICE	72	EA	$725.00	$52,200.00	$2,158.00	$155,376.00
64	26	1" SERVICE CONNECTION OFF 4" GANG SERVICE	46	EA	$900.00	$41,400.00	$2,350.00	$108,100.00
65	26	4" GANG SERVICE CONNECTION (SHORT)	3	EA	$7,400.00	$22,200.00	$8,150.00	$24,450.00
66	26	4" GANG SERVICE CONNECTION (LONG)	4	EA	$8,800.00	$35,200.00	$9,311.00	$37,244.00
67	26	2" GANG SERVICE CONNECTION (SHORT)	7	EA	$2,500.00	$17,500.00	$8,468.00	$59,276.00
68	26	2" GANG SERVICE CONNECTION (LONG)	8	EA	$2,200.00	$17,600.00	$8,895.00	$71,160.00
69	27	6" FIRE HYDRANT ASSEMBLY REMOVE	20	EA	$1,442.00	$28,840.00	$2,375.00	$47,500.00
70	28	6" FIRE HYDRANT ASSEMBLY (F&I)	22	EA	$12,720.00	$279,840.00	$9,115.00	$200,530.00
71	29	6" FIRE HYDRANT COMPACT ASSEMBLY WITH 90 DEGREE BEND (F&I)	4	EA	$13,030.00	$52,120.00	$9,300.00	$37,200.00
72	30	WM REMOVAL (2")	730	LF	$45.00	$32,850.00	$45.00	$32,850.00
73	30	WM REMOVAL (3")	130	LF	$45.00	$5,850.00	$48.00	$6,240.00
74	30	WM REMOVAL (4")	240	LF	$45.00	$10,800.00	$50.00	$12,000.00
75	30	WM REMOVAL (6")	2860	LF	$45.00	$128,700.00	$54.00	$154,440.00
76	30	WM REMOVAL (8")	3095	LF	$45.00	$139,275.00	$56.00	$173,320.00
77	30	WM REMOVAL (12")	990	LF	$45.00	$44,550.00	$60.00	$59,400.00
78	31	GROUT FILL WM (2")	796	LF	$29.00	$23,084.00	$18.00	$14,328.00
79	31	GROUT FILL WM (6")	2643	LF	$30.00	$79,290.00	$22.00	$58,146.00
80	31	GROUT FILL WM (8")	940	LF	$31.00	$29,140.00	$27.00	$25,380.00
81	32	PVC DR 18 WM (4") (F&I)	370	LF	$75.00	$27,750.00	$250.00	$92,500.00
82	32	PVC DR 18 WM (6") (F&I)	3690	LF	$108.00	$398,520.00	$264.00	$974,160.00
83	32	PVC DR 18 WM (8") (F&I)	3360	LF	$110.00	$369,600.00	$301.00	$1,011,360.00
84	32	PVC DR 18 WM (12") (F&I)	3980	LF	$180.00	$716,400.00	$385.00	$1,532,300.00
85	32	PVC SDR 21 WM (3") (F&I)	54	LF	$75.00	$4,050.00	$244.00	$13,176.00
86	33	FPVC DR 18 WM (8") (HORIZONTAL DIRECTIONAL DRILL UNDER SR A1A) (F&I)	1236	LF	$170.00	$210,120.00	$205.00	$253,380.00
87	33	FPVC DR 18 WM (12") (HORIZONTAL DIRECTIONAL DRILL UNDER SR A1A) (F&I)	258	LF	$220.00	$56,760.00	$301.00	$77,658.00
88	61	2" COMBINATION AIR RELIEF VACUUM VALVE (F&I) (WM UNDER SR AIA)	12	EA	$3,900.00	$46,800.00	$24,000.00	$288,000.00
89	34	3" D.I. MJ CAP RESTRAINED (F&I)	2	EA	$230.00	$460.00	$850.00	$1,700.00
90	34	4" D.I. MJ CAP RESTRAINED (F&I)	28	EA	$190.00	$5,320.00	$1,115.00	$31,220.00
91	34	6" D.I. MJ CAP RESTRAINED (F&I)	2	EA	$280.00	$560.00	$1,240.00	$2,480.00
92	34	8" D.I. MJ CAP RESTRAINED (F&I)	2	EA	$350.00	$700.00	$1,586.00	$3,172.00
93	34	8" D.I. MJ 11.25 DEGREE BEND RESTRAINED (F&I)	14	EA	$530.00	$7,420.00	$1,831.00	$25,634.00
94	34	12" D.I. MJ 11.25 DEGREE BEND RESTRAINED (F&I)	8	EA	$650.00	$5,200.00	$2,450.00	$19,600.00
95	34	8" D.I. MJ 22.50 DEGREE BEND RESTRAINED (F&I)	12	EA	$550.00	$6,600.00	$1,831.00	$21,972.00
96	34	12" D.I. MJ 22.50 DEGREE BEND RESTRAINED (F&I)	8	EA	$950.00	$7,600.00	$2,450.00	$19,600.00
97	34	6" D.I. MJ 45 DEGREE BEND RESTRAINED (F&I)	90	EA	$400.00	$36,000.00	$1,350.00	$121,500.00
98	34	8" D.I. MJ 45 DEGREE BEND RESTRAINED (F&I)	140	EA	$950.00	$133,000.00	$1,595.00	$223,300.00
99	34	12" D.I. MJ 45 DEGREE BEND RESTRAINED (F&I)	182	EA	$1,550.00	$282,100.00	$2,450.00	$445,900.00
100	34	6" D.I. MJ 90 DEGREE BEND RESTRAINED (F&I)	44	EA	$430.00	$18,920.00	$1,395.00	$61,380.00
101	34	6" D.I. MJ x FLG 90 DEGREE BEND RESTRAINED (F&I)	12	EA	$450.00	$5,400.00	$1,692.00	$20,304.00

102	34	3" D.I. MJ GATE VALVE RESTRAINED (F&I)	4	EA	$1,700.00	$6,800.00	$2,950.00	$11,800.00
103	34	4" D.I. MJ GATE VALVE RESTRAINED (F&I)	20	EA	$1,700.00	$34,000.00	$3,768.00	$75,360.00
104	34	6" D.I. MJ GATE VALVE RESTRAINED (F&I)	64	EA	$2,135.00	$136,640.00	$4,570.00	$292,480.00
105	34	8" D.I. MJ GATE VALVE RESTRAINED (F&I)	38	EA	$2,890.00	$109,820.00	$5,079.00	$193,002.00
106	34	12" D.I. MJ GATE VALVE RESTRAINED (F&I)	38	EA	$5,040.00	$191,520.00	$8,410.00	$319,580.00
107	34	12" x 8" TAPPING SLEEVE W/FLG X MJ GATE VALVE RESTRAINED (F&I)	11	EA	$11,700.00	$128,700.00	$19,630.00	$215,930.00
108	34	6" D.I. MJ LINE STOP RESTRAINED (F&I)	6	EA	$11,500.00	$69,000.00	$16,000.00	$96,000.00
109	34	8" D.I. MJ LINE STOP RESTRAINED (F&I)	10	EA	$16,100.00	$161,000.00	$18,500.00	$185,000.00
110	34	12" D.I. MJ LINE STOP RESTRAINED (F&I)	10	EA	$16,700.00	$167,000.00	$21,000.00	$210,000.00
111	34	6" INSERTION VALVE HYDRA-STOP INSTA-VALVE PATRIOT 250 (RESTRAINED) (F&I)	4	EA	$15,100.00	$60,400.00	$19,465.00	$77,860.00
112	34	8" INSERTION VALVE HYDRA-STOP INSTA-VALVE PATRIOT 250 (RESTRAINED) (F&I)	6	EA	$16,800.00	$100,800.00	$21,778.00	$130,668.00
113	34	12" INSERTION VALVE HYDRA-STOP INSTA-VALVE PATRIOT 250 (RESTRAINED) (F&I)	6	EA	$26,000.00	$156,000.00	$30,404.00	$182,424.00
114	34	3" D.I. MJ SLEEVE RESTRAINED (F&I)	2	EA	$5,800.00	$11,600.00	$5,331.00	$10,662.00
115	34	4" D.I. MJ SLEEVE RESTRAINED (F&I)	6	EA	$5,800.00	$34,800.00	$6,520.00	$39,120.00
116	34	6" D.I. MJ SLEEVE RESTRAINED (F&I)	10	EA	$5,900.00	$59,000.00	$9,091.00	$90,910.00
117	34	8" D.I. MJ SLEEVE RESTRAINED (F&I)	9	EA	$6,100.00	$54,900.00	$12,880.00	$115,920.00
118	34	12" D.I. MJ SLEEVE RESTRAINED (F&I)	5	EA	$6,600.00	$33,000.00	$15,766.00	$78,830.00
119	34	6" X 6" D.I. MJ TEE RESTRAINED (F&I)	8	EA	$660.00	$5,280.00	$2,100.00	$16,800.00
120	34	8" x 4" D.I. MJ TEE RESTRAINED (F&I)	12	EA	$700.00	$8,400.00	$2,629.00	$31,548.00
121	34	8" x 6" D.I. MJ TEE RESTRAINED (F&I)	28	EA	$750.00	$21,000.00	$2,701.00	$75,628.00
122	34	8" x 8" D.I. MJ TEE RESTRAINED (F&I)	8	EA	$1,240.00	$9,920.00	$2,834.00	$22,672.00
123	34	12" x 3" D.I. MJ TEE RESTRAINED (F&I)	4	EA	$1,275.00	$5,100.00	$3,431.00	$13,724.00
124	34	12" x 4" D.I. MJ TEE RESTRAINED (F&I)	12	EA	$1,200.00	$14,400.00	$3,550.00	$42,600.00
125	34	12" x 6" D.I. MJ TEE RESTRAINED (F&I)	18	EA	$1,170.00	$21,060.00	$3,550.00	$63,900.00
126	34	12" x 8" D.I. MJ TEE RESTRAINED (F&I)	16	EA	$1,280.00	$20,480.00	$3,750.00	$60,000.00
127	34	12" x 12" D.I. MJ TEE RESTRAINED (F&I)	8	EA	$1,600.00	$12,800.00	$4,250.00	$34,000.00
128	34	8" x 6" D.I. MJ REDUCER RESTRAINED (F&I)	5	EA	$500.00	$2,500.00	$1,452.00	$7,260.00
129	34	12" x 8" D.I. MJ REDUCER RESTRAINED (F&I)	4	EA	$775.00	$3,100.00	$2,182.00	$8,728.00
130	35	WATER METER BOX (F&I)	306	EA	$430.28	$131,665.68	$1,400.00	$428,400.00
131	36	EXIST. WATER VALVES ADJUST	10	EA	$427.00	$4,270.00	$2,200.00	$22,000.00
132	37	SHOWER (F&I)	2	AS	$16,600.00	$33,200.00	$13,770.00	$27,540.00
		WATER ITEMS 57 THRU 132 SUBTOTAL				**$5,465,174.68**		**$10,301,976.00**
SEWER ITEMS								
133	38	SANITARY SEWER MANHOLE REHABILITATION (TYPE A)	11	EA	$21,700.00	$238,700.00	$11,929.00	$131,219.00
134	38	SANITARY SEWER MANHOLE REHABILITATION (TYPE C)	2	EA	$12,500.00	$25,000.00	$11,500.00	$23,000.00
135	39	SANITARY SEWER MANHOLE FURNISH & INSTALL (TYPE A)	6	EA	$16,860.00	$101,160.00	$28,759.00	$172,554.00
136	39	SANITARY SEWER MANHOLE FURNISH & INSTALL (TYPE C)	10	EA	$10,390.00	$103,900.00	$26,000.00	$260,000.00
137	39	LINE EXIST. MANHOLE WITH SPECTRASHIELD	1	EA	$9,220.00	$9,220.00	$44,500.00	$44,500.00
138	40	SANITARY SEWER MANHOLE REMOVAL	14	EA	$1,739.00	$24,346.00	$3,682.00	$51,548.00
139	40	EXIST. SANITARY SEWER MANHOLE ADJUST	8	EA	$7,870.00	$62,960.00	$3,285.00	$26,280.00
140	41	REMOVE 4" SANITARY SEWER	25	LF	$30.00	$750.00	$35.00	$875.00
141	41	REMOVE 6" SANITARY SEWER	492	LF	$32.00	$15,744.00	$35.00	$17,220.00
142	41	REMOVE 8" SANITARY SEWER	4386	LF	$35.00	$153,510.00	$43.00	$188,598.00
143	41	REMOVE 10" SANITARY SEWER	355	LF	$37.00	$13,135.00	$45.00	$15,975.00
144	41	REMOVE 12" SANITARY SEWER	67	LF	$39.00	$2,613.00	$50.00	$3,350.00
145	41	PVC SDR 26 (4") FURNISH AND INSTALL SAN. SEWER	25	LF	$170.00	$4,250.00	$92.00	$2,300.00
146	41	PVC SDR 26 (6") FURNISH AND INSTALL SAN. SEWER	492	LF	$175.00	$86,100.00	$99.00	$48,708.00
147	41	PVC SDR 26 (8") FURNISH AND INSTALL SAN. SEWER	4386	LF	$130.00	$570,180.00	$250.00	$1,096,500.00
148	41	PVC SDR 26 (10") FURNISH AND INSTALL SAN. SEWER	355	LF	$158.00	$56,090.00	$295.00	$104,725.00
149	41	PVC SDR 26 (12") FURNISH AND INSTALL SAN. SEWER	67	LF	$185.00	$12,395.00	$345.00	$23,115.00
150	42	SANITARY SEWER SERVICE LATERAL CONNECTIONS (F&I)	178	EA	$1,300.00	$231,400.00	$3,850.00	$685,300.00
151	42	SANITARY SEWER SERVICE LATERAL CONNECTIONS (REMOVE)	178	EA	$325.00	$57,850.00	$1,320.00	$234,960.00
152	43	EXIST. SANITARY SEWER CLEANOUT OR GREASE TRAP (ADJUST)	14	EA	$1,400.00	$19,600.00	$4,500.00	$63,000.00
153	44	CIPP SANITARY SEWER (8")	217	LF	$838.00	$181,846.00	$385.00	$83,545.00
		SEWER ITEMS 133 THRU 153 SUBTOTAL				**$1,970,749.00**		**$3,277,272.00**
SIGNING AND MARKING ITEMS								
154	45	RAISED PAVEMENT MARKER, TYPE B	58	EA	$11.00	$638.00	$8.50	$493.00
155	46	THERMOPLASTIC WHITE 6"	8895	LF	$2.50	$22,237.50	$1.75	$15,566.25
156	46	THERMOPLASTIC WHITE 12"	2787	LF	$6.50	$18,115.50	$3.51	$9,782.37
157	46	THERMOPLASTIC WHITE 24"	1995	LF	$12.00	$23,940.00	$7.00	$13,965.00
158	46	THERMOPLASTIC YELLOW 6"	2768	LF	$2.50	$6,920.00	$1.75	$4,844.00
159	46	THERMOPLASTIC DOUBLE YELLOW 6"	7322	LF	$5.20	$38,074.40	$3.50	$25,627.00
160	46	THERMOPLASTIC YELLOW 18"	585	LF	$10.00	$5,850.00	$5.25	$3,071.25
161	46	THERMOPLASTIC, STANDARD, BLUE, SOLID, 6"	312	LF	$8.00	$2,496.00	$4.20	$1,310.40
162	47	THERMOPLASTIC, STANDARD, WHITE, ARROW	13	EA	$240.00	$3,120.00	$350.00	$4,550.00
163	47	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	21	EA	$1,100.00	$23,100.00	$350.00	$7,350.00
164	48	SINGLE POST SIGN, REMOVE	42	EA	$100.00	$4,200.00	$200.00	$8,400.00
165	49	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	78	EA	$850.00	$66,300.00	$375.00	$29,250.00
		SIGNING AND MARKING ITEMS 154 THRU 165 SUBTOTAL				**$214,991.40**		**$124,209.27**
LIGHTING / ELECTRICAL ITEMS								
166	50	LIGHTING CONDUCTORS (#2/0) (F&I)	4206	LF	$35.00	$147,210.00	$24.52	$103,131.12
167	50	LIGHTING CONDUCTORS (#1 AWG) (F&I)	2103	LF	$10.00	$21,030.00	$7.00	$14,721.00
168	50	LIGHTING CONDUCTORS (#12) (F&I)	960	LF	$9.50	$9,120.00	$6.50	$6,240.00
169	50	LIGHTING CONDUIT (2") (F&I)	2103	LF	$45.00	$94,635.00	$32.45	$68,242.35
170	51	LIGHTING SERVICE CONNECTIONS (TRANSFORMER)	20	EA	$2,550.00	$51,000.00	$1,750.00	$35,000.00
171	52	ELECTRIC SERVICE CONNECTION BOXES (SCB'S) INSTALL	78	EA	$2,700.00	$210,600.00	$1,895.00	$147,810.00
172	53	LIGHT POLE REMOVE	15	EA	$1,900.00	$28,500.00	$1,295.00	$19,425.00
173	54	LIGHT POLE RELOCATE	42	EA	$4,200.00	$176,400.00	$2,595.00	$108,990.00
174	55	LIGHT POLE FURNISH AND INSTALL	24	EA	$8,500.00	$204,000.00	$5,796.00	$139,104.00
175	56	ADJUST ELECTRIC VAULT TYPE B (LID PROVIDED BY BES)	17	EA	$5,500.00	$93,500.00	$3,383.00	$57,511.00
176	56	ADJUST ELECTRIC VAULT TYPE DOUBLE TYPE B (LID PROVIDED BY BES)	1	EA	$9,700.00	$9,700.00	$5,885.00	$5,885.00
177	56	ADJUST ELECTRIC VAULT TYPE D (LID PROVIDED BY BES)	4	EA	$5,900.00	$23,600.00	$3,785.00	$15,140.00
178	56	ADJUST ELECTRIC VAULT TYPE F (LID PROVIDED BY BES)	10	EA	$7,100.00	$71,000.00	$4,375.00	$43,750.00
179	56	ADJUST ELECTRIC VAULT MANHOLE	4	EA	$29,000.00	$116,000.00	$18,172.00	$72,688.00
180	57	GAS VALVE COVER ADJUST	6	EA	$5,290.00	$31,740.00	$1,929.00	$11,574.00
181	58	FIBER OPTIC MANHOLE / PULLBOX ADJUST	4	EA	$6,650.00	$26,600.00	$5,590.00	$22,360.00
182	58	TELECOMMUNICATIONS PULLBOX ADJUST	14	EA	$6,170.00	$86,380.00	$4,751.00	$66,514.00
		LIGHTING / ELECTRICAL ITEMS 166 THRU 182 SUBTOTAL				**$1,401,015.00**		**$938,085.47**
LANDSCAPING ITEMS								
183	59	BERMUDA SOD	13493	SY	$12.00	$161,916.00	$13.99	$188,767.07
184	59	ST AUGUSTINE SOD	593	SY	$19.00	$11,267.00	$19.70	$11,682.10
185	60	SABAL PALM	4	EA	$1,320.00	$5,280.00	$750.00	$3,000.00
		LANDSCAPING ITEMS 183 THRU 185 TOTAL				**$178,463.00**		**$203,449.17**
		SUBTOTAL - ITEMS 1 THRU 185				**$24,496,166.68**		**$31,019,893.16**
186	N/A	PERFORMANCE AND PAYMENT BID BOND (MAX OF 1.5% OF ITEMS 1 THRU 185)	1	LS	**$373,000.00**	$373,000.00	$465,298.40	$465,298.40
		GRAND TOTAL - ITEMS 1 THRU 186				**$24,869,166.68**		**$31,485,191.56**

gai consultants

Jacksonville Office
12574 Flagler Center Blvd
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Jacksonville, Florida 32258

T 904.363.1110
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June 28, 2023

Kayle Moore, PE
Project Manager
City of Jacksonville Beach
1460-A Shetter Avenue
Jacksonville Beach, FL 32250

Subject: Phase 3C Projects 4 & 5 Infrastructure Improvements Post Design and CEI Services Proposal

Dear Mr. Moore,

GAI Consultants, Inc. (GAI) respectfully submits the following Scope of Services and Fee Proposal for Engineering Post Design, Project Website Update and Construction Coordination, and Construction Engineering Inspection (CEI) Services for the subject contract.

The project limits are from 4th Ave. S. to 10th Ave. S. and from SR A1A to the Beach Street Ends. The below scope and fee proposal is based off an estimated construction duration of 900 consecutive calendar days. The project has been advertised for construction with project award and notice to proceed expected in Fall 2023.

Scope of Services:

The post design services include:

1. Attendance of meetings to include pre-construction, construction progress and project close-out
2. Shop drawings review
3. Utility conflict resolution assistance
4. Construction field visits
5. Coordination with the City
6. Coordination with Beaches Energy services (BES) and Other Utility Agency Owners (UAO's)
7. Plan Revisions
8. Project Close Out and Certifications
9. As-Built Review
10. Project Coordination

The Project Website Update and Construction Coordination will be a continuation of the project website developed by GAI's Community Solutions Group during the project design development phase. This website is an ESRI Arc GIS Story Map which is linked by the City to their City Home Page to be accessed by the local residents. The project website will be modified during the construction mobilization phase to include a new home page for the construction phase of the project. The home page contents and overall aesthetics will be coordinated with the City to include a project summary, link to past project design story map website, construction schedule and phasing, contractor operations, water and sewer impacts to local residents, project lay down yard location, displaced residents parking location, etc. This website will be maintained and updated by GAI throughout the project duration to keep residents updated on the current construction schedule and current and future areas to be impacted by the contractor.

For a CEI Scope of Services see attached Exhibit A.

<u>Fee Proposal:</u>

The below fees will be billed on an hourly, reimbursable, and not to exceed basis.

GAI Post Design (Reimbursable): $185,496.00
GAI Expenses (Reimbursable): $3,600.00
GAI Project Website Update and Coordination (Reimbursable): $49,390.00
GAI Construction Engineering Inspection (CEI) Services (Reimbursable): $952,396.00

Total Fee: $1,190,882.00

As discussed with the City any additional assistance on this or other construction projects due to staffing and / or personnel changes at the City can be completed by GAI using a Project Administrator / Senior Inspector on a time and materials basis at the hourly rate of $144.00 / hr. This can be further discussed with the City and a not to exceed limiting amount budget can be established as necessary.

Please contact me at 904-652-5533 if you have any questions. We look forward to continuing our relationship with the City to help deliver another quality infrastructure project.

Sincerely,

Matthew Bolyard, PE
Project Manager

Exhibit A
SCOPE OF SERVICES

CLIENT: City of Jacksonville Beach

PROJECT: Phase 3C Projects 4 & 5 Infrastructure Improvements Project

CONSULTANT: GAI Consultants, Inc.
12574 Flagler Center Blvd., Suite 202,
Jacksonville, FL 32258

GENERAL

GAI Consultants, Inc. (**GAI**) collectively known as GAI will be working with the City of Jacksonville Beach (**City**) to provide Construction Engineering and Inspection Services for this project.

GAI will provide onsite construction inspection, and incidental administrative services to verify the quality and quantity of work, but will not override the contractor's means, methods, techniques, sequences, or procedures of the construction selected by the contractor(s) or the safety precautions and programs incidental to the work of the contractor(s). GAI's efforts will also be directed toward assisting in the interpretation of the prepared drawings and specifications, shop drawing review, assistance in the resolution of field problems or questions, and determining whether the completed project will conform to the contract documents.

INSPECTION AND ADMINISTRATIVE REQUIREMENTS

- Exercise independent and professional judgement in performing obligations and responsibilities under the Agreement.
- Attend preconstruction meeting and review minutes.
- Acknowledge project architect's submittal approvals, and comment on any concerns.
- Acknowledge project architect's RFI responses, and comment on any concerns.
- Review and comment on architect's review of change order proposals.
- Conduct, at a minimum, biweekly site visits to perform inspections of work, including quality of work, and compliance with permitted drawings and all permit requirements.
- Conduct additional site visits as needed to observe/report on special installations.
- Provide written report of each site visit, via email attachment, to the City's Project Manager, no later than the morning following the site visit.
- Provide a form, to be approved by the City's Project Manager, to be used for site visit reports. Form shall include date, time of visit, weather conditions, contractor and sub personnel on site, work in progress, materials on site, equipment on site, progress since last visit, date of last visit, concerns/recommendations.

- Attach photos of key observations with site visit reports. Minimum of 4 photos, if little work has been accomplished since last visit; and up to 12 photos if substantial activity has occurred. Photos shall be of appropriate resolution to provide ease of transmitting by email, and clear depiction of detail.
- When a deficiency is noted on the report, CEI consultant shall reference specific code section, specification, and/or drawing detail corresponding to the deficiency.
- Attend monthly construction progress meetings conducted by the architect.
- Review and confirm that contractor pay requests align with work accomplished.
- Monitor contractor's in progress as-built (redline) drawings updates throughout construction.
- Monitor contractor's compliance with approved schedule and make recommendations to City's Project Manager as appropriate.
- Review any claims and disputes and recommend action.
- Attend Substantial Completion walk through, and review/comment on Architect's punch list.
- Attend Final Completion walk through and confirm acceptance of punch list items completion.
- Provide Letter of Compliance at project closeout.

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NPDES Inspections – For the duration of the project, immediately following each rainfall event of ½" or greater, GAI's field inspector will visit the site, inspect all erosion/sedimentation control measures, direct the contractor to repair or replace damaged erosion/sedimentation controls and verify that the required work is done in accordance with the NPDES/permit requirements.

Authority – The City gives GAI the authority to require the contractor to correct all work not in compliance with the approved plans and/or contractual agreements. If the contractor refuses or fails to take the required corrective action, GAI shall immediately notify the City. Material deviations from the contract will need to be authorized by the City.

Testing – GAI's qualified field representatives will provide administrative reviews for verification of concrete plastic and compressive strength, compaction and density testing and verifying that all required Contractor's Quality Control testing is performed in accordance with the project's requirements/specifications for locations and frequency.

The construction contractor is expected to provide his own quality assurance testing and will be independent of the services provided herein.

All inspection and testing requirements shall apply at all times while construction operations are being performed including weekends and holidays.

GAI will not be required to perform laboratory materials testing unless agreed to and contract amended by the City to cover this service.

Inspector Logs – GAI and its subconsultants' onsite inspector shall maintain an inspection log throughout the duration of construction. This log shall include but not be limited to the following:

- Location and description of construction operations taking place at time of site visit.
- Specific information regarding inspection/acceptance of project materials
- Information on construction problems and directions given to the contractor to resolve the problems.
- Summaries of contractor's personnel and equipment

On days where there is no construction or no construction requiring inspection, the daily log should note either that there was no activity or list the operations that were taking place (per the contractor) and state "No inspection required." A copy of all documents will be provided to the City.

Shop drawings – Upon receipt of any shop drawings from the contractor, GAI shall review and coordinate with the Engineer of Record/City in the shop drawing review process. GAI will coordinate the review and strive to return shop drawings within the allowable timeframe or less to the contractor. Final approved shop drawings shall be submitted to the EOR to be RFC'ed after all comments are resolved.

As-builts – GAI shall review as-builts drawings. Drawings that do not meet the requirements outlined in the Contract Documents will be returned to the Contractor for correction. Final as-built drawings shall be submitted to the City for concurrence and acceptance.

Contractor Pay Requests and Change Orders – GAI's Field Senior Inspector and Senior Project Engineer will assist the City's Project Manager as-needed with evaluating the contractor's pay request. GAI will assist the City's Project Manager as necessary in processing of the pay request and processing of any Contractor change order requests on the project.

Substantial Completion – The City shall be notified in advance of the substantial completion inspection to allow time to plan to participate. GAI will also keep the City's personnel updated of the project's milestones and supply any requested documents for review.

Following the Substantial Completion inspection, a copy of the punch list of items to be completed along with a list of the persons attending the inspection shall be e-mailed to each of the above agencies.

Final Documentation – Prior to the City's acceptance of the project, GAI will turn over the following documents:

- Original Inspector's Logs
- Any test reports for the project (including those tests that failed and were retested)
- All approved shop drawings
- Certification stating that the materials and construction that were inspected by the GAI's qualified individual, that all inspection services were provided as outlined in the scope of services, that construction has been completed in substantial conformance with the approved plans, and that the as-built drawings have been reviewed and meet the contract requirements. This certification is to be signed and sealed by GAI's Senior Project Engineer based upon the scope of the services.
-

Schedule

GAI will provide, as needed, the above-described services during construction, and closeout of the project. The Construction schedule duration is currently estimated to be *800 days for project completion, with time starting upon issuance of the Notice to Proceed to Substantial Completion. An additional 30 days for Final Completion will be granted following substantial completion.*

Should the construction time exceed the *estimated duration* and additional compensation is required above the proposed fee in order to continue provision of services, GAI will receive written authorization for compensation from the City prior to providing any additional services.

Method of Compensation

Payment will be made in accordance with the negotiated contract rates. No changes will be made to the original contract and terms of payment unless mutually agreed to by the City and GAI.

Exclusions from Scope of Service

The Contractor shall be responsible for his Quality Control Inspection efforts required by the construction contract. GAI Consultants will not be responsible for offsite testing and inspection at fabrication facilities for steel products, casting yards for precast and prestressed concrete structures and all other similar locations which require inspection and testing. GAI Consultants, Inc. is not responsible for the installation or maintenance of traffic control/MOT devices (signs, barrels, cones, pavement markings, etc.) on the project; this remains the responsibility of the contractor.

Method of Compensation

Included, is the estimated fee for completion of these CEI services as shown below:

Position	Staff Hours	Contract Billing Rate	Budget
Senior Project Engineer	620	$ 232.00	$ 143,840.00
Project Administrator	4,700	$ 144.00	$ 676,800.00
Roadway Inspector	460	$ 92.00	$ 42,320.00
Clerical/Admin	1,028	$ 87.00	$ 89,436.00
		TOTAL	$ 952,396.00

Additional Services

Additional services may be added to this contract during the course of work based on negotiated fees. The City and GAI shall jointly determine these respective fees. No work shall be undertaken on any additional service tasks without the written authorization of the City.

Exhibit B: Jax Beach Phase 3C Projects 4 & 5 Infrastructure Improvements GAI Estimate by: Matt Bolyard 6/28/2023

Post Design Services and Project Website Update and Coordination Man Hours

Title	**Senior Engineering Manager**	**Project Manager**	**Project Engineer**	**Engineer Intern**	**CAD Designer**	**CAD Operator**		**Labor Hrs.**	Notes
	$ 246.00	**$ 224.00**	**$ 164.00**	**$ 136.00**	**$ 128.00**	**$ 110.00**			
Task 1 - Meetings	**48**	**30**	30	20				**128**	1 meeting every other week for 128 weeks =
	$ 11,808.00	$ 6,720.00	$ 4,920.00	$ 2,720.00	$ -	**$ -**	**$ 26,168.00**		64 meetings @ 2 hrs each = 128 hours
Task 2 - Shop Drawings	**56**	**48**	**32**	**24**	**8**			**168**	42 shop drawings @ 4 hours each = 168
	$ 13,776.00	$ 10,752.00	$ 5,248.00	$ 3,264.00	$ 1,024.00	**$ -**	**$ 34,064.00**		hours
Task 3 - Field Reviews	**66**	**60**	**48**	**30**	**32**	**12**		**248**	
	$ 16,236.00	$ 13,440.00	$ 7,872.00	$ 4,080.00	$ 4,096.00	$ 1,320.00	**$ 47,044.00**		62 Field Reviews @ 4 hrs each = 248 hours
Task 4 - Revisions	**62**	**42**	**60**	**60**	**80**	**32**		**336**	
	$ 15,252.00	$ 9,408.00	$ 9,840.00	$ 8,160.00	$ 10,240.00	$ 3,520.00	**$ 56,420.00**		28 Revisions @ 12 hrs each = 336 hours
Task 5 - Project Close Out	**16**	**10**	**10**	**10**	**4**			**50**	
	$ 3,936.00	$ 2,240.00	$ 1,640.00	$ 1,360.00	$ 512.00	$ -	**$ 9,688.00**		
Task 6 - Project Coordination	**24**	**16**	**16**					**56**	
	$ 5,904.00	$ 3,584.00	$ 2,624.00	$ -	$ -	$ -	**$ 12,112.00**		
Task 7 - Project Website Update and	**55**	**50**	**70**	**70**	**20**	**10**		**275**	
Construction Coordination	$ 13,530.00	$ 11,200.00	$ 11,480.00	$ 9,520.00	$ 2,560.00	$ 1,100.00	**$ 49,390.00**		900 days = 130 weeks @ 1.5 hours per week
									= 195 hours + 80 hours initial website update
Cost per title	$ 80,442.00	$ 57,344.00	$ 43,624.00	$ 29,104.00	$ 18,432.00	$ 5,940.00			for construciton phase = 275
Hours per title	327	256	266	214	144	54			
					Hourly	Eng/Production	$ 234,886.00		
					Total		**$ 234,886.00**		