SUBJECT: EMERALD TRAIL MODEL PROJECT CONSTRUCTION

BID #: CP-0072-21 **OPEN DATE:** 2021-04-14

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION PARTICIPATION

AGENCY: PUBLIC WORKS

BASIS OF AWARD: TOTAL BASE BID-LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: (4) **NUMBER RECEIVED:** (3) **OTHER** (0)

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommend approval of award to Astra Construction Services, LLC, as the lowest responsive, responsible bidder in the total base bid amount of $7,754,400.00.

This award is to be funded from project 010113 to be executed by formal contract through Office of General Counsel.

Attachments: Recommendation Memo, Bid Tabulation Sheet, JSEB Letter, Basis of Award, Scope of Work

ANALYST: MARILYN LAIDLER **RESPECTFULLY SUBMITTED** GREGORY PEASE, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: Robin G. Smith, P.E., Chief, Engineering & Construction Management

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING _____ MEMBERS DISAPPROVING _____ DATE: _____

_____ _____ OTHER: _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED _____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
214 N. Hogan St., 10th floor
Jacksonville, FL 32202
(904) 255-8786
www.coj.net

ONE CITY. ONE JACKSONVILLE

June 22, 2021

TO: Gregory W. Pease
Chief of Procurement

THRU: John P. Pappas, P.E.
Director

FROM: Robin G. Smith, P. E.
Chief, Engineering & Construction Management

SUBJECT: RECOMMENDATION TO AWARD

RE: Emerald Trail Model Project

Bid No.:	CP-0072-21
Bid Date:	April 14, 2021
Award Amount:	$7,754,400.00

The Department of Public Works has tabulated and reviewed the three (3) bids received from the prequalified contractors on the referenced project for accuracy and compliance with the contract documents. While our tabulation of the bids turned up minor corrections in the bids, no errors were significant enough to change the lowest bidder. The apparent low bid by Astra Construction Services, LLC has also been reviewed by the EBO Office who has determined that the bidder is in compliance with the 20% JSEB requirements established for this project. In addition, Public Works has confirmed through www.myfloridalicense.com the appropriate licenses for this contractor and listed subcontractors, if applicable.

We therefore recommend that award of the Total Base Bid and Lift Every Voice and Sing Park Alternative for Emerald Trail Model Project be awarded to Astra Construction Services, LLC, 4324 N. 56th Street, 56 Commerce Park, Building 562, Tampa, FL 33610, in accordance with the attached bid documents for $7,754,400.00.

Funding for this award will be from project 010113.

RGS/lw

Attachments

cc: Lori West, Engineering and Construction Management
Kelsey Cox, P.E. Engineering and Construction Management

TITLE: EMERALD TRAIL MODEL PROJECT
BID NO. CP-0072-21 (PW)
OPEN DATE: APRIL 14, 2021 @ 2:00 PM
BUYER: NEKOLE HULITT, PURCHASING ANALYST
No. Invited: (4) No. Received (3) No Bids: (0)

EMERALD TRAIL MODEL MILE - IFC BID TAB (REVISION 1)

		DESCRIPTION	UNIT	REVISION NOTED	QUANTITY	Astra Group Corporation UNIT COST	Astra Group Corporation TOTAL COST	Auld & White Constructors UNIT COST	Auld & White Constructors TOTAL COST	J.B. Coxwell Contracting UNIT COST	J.B. Coxwell Contracting TOTAL COST
		GENERAL									
1.)	Special Conditions	MOBILIZATION	LS		1	607,014.16	607,014.16	2,014,690.00	2,014,690.00	1,291,113.79	1,291,113.79
2.)	Special Conditions	MAINTENANCE OF TRAFFIC	LS		1	137,278.19	137,278.19	242,850.00	242,850.00	893,774.00	893,774.00
3.)	General Conditions	AS-BUILT PLANS	LS		1	30,591.84	30,591.84	68,490.00	68,490.00	35,252.00	35,252.00
		SUBTOTAL					*$ 774,884.19*		*$ 2,326,030.00*		*$ 2,220,139.79*
		TRAIL/ROADWAY COMPONENT									
4.)	0102 30	TEMPORARY HIGHWAY LIGHTING BY LOCATION	LO		5	4,727.88	23,639.40	3,806.00	19,030.00	2,910.00	14,550.00
5.)	0102104	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED		1,800	15.21	27,378.00	15.19	27,342.00	11.50	20,700.00
6.)	0102107 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED		1,800	1.05	1,890.00	41.54	74,772.00	31.75	57,150.00
7.)	Special Conditions	SITE PREPARATION [Includes Approx 2 39 Acres of CLEARING & GRUBBING (0110-1-1)]	LS		1	843,960.44	843,960.44	559,120.00	559,120.00	155,331.00	155,331.00
8.)	0110 4 10	REMOVAL OF EXISTING CONCRETE	SY		5,047	18.68	94,277.96	26.81	135,310.07	29.00	146,363.00
9.)	Special Conditions	REGULAR EXCAVATION (0120-1)	LS		1	247,766.98	247,766.98	342,080.00	342,080.00	188,892.00	188,892.00
10.)	Special Conditions	EMBANKMENT (0120-6)	LS		1	272,935.98	272,935.98	376,830.00	376,830.00	204,586.00	204,586.00
11.)	0160 4900	TYPE B STABILIZATION	SY		195	127.06	24,776.70	175.44	34,210.80	54.00	10,530.00
12.)	0285 706	OPTIONAL BASE, BASE GROUP 06	SY		195	136.52	26,621.40	188.46	36,749.70	86.00	16,770.00
13.)	Special Conditions	5" CONCRETE SIDEWALK (0522-2)	SY		7,409	47.93	355,113.37	66.17	490,253.53	80.00	592,720.00
14.)	Special Conditions	6" CONCRETE SIDEWALK (0522-2)	SY		1,183	62.55	74,021.67	86.34	102,174.76	98.00	115,973.20
15.)	Special Conditions	5" REINFORCED CONCRETE SIDEWALK (0522-2)	SY		445	85.19	37,909.55	117.62	52,340.90	226.00	100,570.00
16.)	0327 70 6	MILLING EXIST ASPH PAVT, 1-1/2" AVG DEPTH	SY		3,167	10.91	34,551.97	15.06	47,695.02	4.50	14,251.50
17.)	0337 7 81	ASPH CONC FC, TRAFFIC B, FC-12.5, PG 76-22	TN	****	276.9	348.05	96,375.05	480.53	133,058.76	170.00	47,073.00
18.)	0334 1 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	****	26.8	962.67	25,799.56	1,329.10	35,619.88	175.00	4,690.00
18A.)	0350 3 5	PLAIN CEMENT CONCRETE PAVEMENT, 8"	SY	***	8	512.58	4,100.64	707.50	5,660.00	381.00	3,048.00
19.)	COJ	INLETS, CURB, COJ STANDARD (D 201), P BOT, <10'	EA		1	12,713.95	12,713.95	17,550.00	17,550.00	8,783.00	8,783.00
20.)	0415 1 6	REINFORCING STEEL - MISCELLANEOUS (FOR REINFORCED CONCRETE SIDEWALK)	LB		4,005	1.05	4,205.25	7.33	29,356.65	16.00	64,080.00
21.)	0425 1521	INLETS, DT BOT, TYPE C, <10'	EA		2	12,456.11	24,912.22	17,195.00	34,390.00	7,866.00	15,732.00
22.)	0425 1561	INLETS, DT BOT, TYPE F, <10'	EA		4	10,193.11	40,772.44	14,072.50	56,290.00	13,019.00	52,076.00
23.)	0425 2 63	MANHOLES, P-8, PARTIAL	EA		5	8,097.38	40,486.90	11,180.00	55,900.00	3,718.00	18,590.00
24.)	0425 5	MANHOLES, ADJUST	EA		9	5,861.01	52,749.09	8,091.11	72,819.99	2,372.00	21,348.00
25.)	0425 5 1	MANHOLES, ADJUST, UTILITIES	EA		27	1,673.81	45,192.87	2,310.74	62,389.98	2,372.00	64,044.00
26.)	430174115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15" SD	LF		6	291.30	1,747.80	401.67	2,410.02	731.00	4,386.00
27.)	0520 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL - VARIABLE WIDTH	SY		30	317.41	9,522.30	438.33	13,149.90	298.00	8,940.00
28.)	COJ	CONCRETE CURB & GUTTER, 18" COJ STANDARD	LF		4,127	32.13	132,600.51	30.57	126,162.39	44.00	181,588.00
29.)	COJ	CONCRETE HEADER CURB, COJ STANDARD	LF	****	576	26.77	15,419.52	63.80	36,748.80	43.00	24,768.00
30.)	0523 1 3	PATTERNED PAVEMENT, VEHICULAR AREAS, GREEN BIKE LANE	SY	****	609	5.25	3,197.25	79.70	48,537.30	51.00	31,059.00
31.)	0527 2	DETECTABLE WARNING	SF		1,867	32.82	61,274.94	45.30	84,575.10	51.00	95,217.00
32.)	0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS		27	572.43	15,455.61	1,111.11	29,999.97	384.00	10,368.00
33.)	0700 1 31	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870/700-012, UP TO 12 SF	AS		1	4,733.18	4,733.18	3,660.00	3,660.00	3,744.00	3,744.00
34.)	0700 1 50	SINGLE POST SIGN, RELOCATE	AS		6	339.22	2,035.32	1,395.00	8,370.00	199.00	1,194.00
35.)	0700 1 60	SINGLE POST SIGN, REMOVE	AS		5	137.81	689.05	806.00	4,030.00	23.00	115.00
36.)	0700 12 21	SIGN BEACON, F&I GROUND MOUNT- SOLAR POWERED, ONE BEACON	AS		1	3,853.33	3,853.33	6,620.00	6,620.00	8,872.00	8,872.00
37.)	0710 11101	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	GM	**		-	-	-	-	-	-
38.)	0710 11124	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	**		-	-	-	-	-	-
39.)	0710 11125	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID OR STOP LINE OR CROSSWALK, 24"	LF	**		-	-	-	-	-	-
40.)	0710 11160	PAINTED PAVEMENT MARKINGS, STD, WHITE, MESSAGE OR SYMBOL	EA	**		-	-	-	-	-	-
41.)	0710 11170	PAINTED PAVEMENT MARKINGS, STD, WHITE, ARROWS	EA	**		-	-	-	-	-	-
42.)	0710 11201	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 6"	GM	**		-	-	-	-	-	-
43.)	0710 11201	PAINTED PAVT MARK, STD, GREEN, SOLID, 5" (USING 710-11-201)	GM		0.973	8,531.27	8,300.93	11,819.12	11,500.00	7,290.00	7,093.17
44.)	0710 11224	PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	**		-	-	-	-	-	-
44A.)	0710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	***	1	32,003.82	32,003.82	44,190.00	44,190.00	23,625.00	23,625.00
45.)	0711 16101	THERMO STD, WHITE, SOLID, 6"	GM		0.972	10,288.02	9,999.96	14,238.68	13,840.00	8,420.00	8,184.24
46.)	0711 16201	THERMO, STD, YELLOW, SOLID, 6"	GM		1.361	9,639.44	13,119.28	13,321.09	18,130.00	8,431.00	11,474.59
47.)	0711 11123	THERMO, STD, WHITE, SOLID, 12"	LF		2,301	6.31	14,519.31	8.71	20,041.71	5.75	13,230.75
48.)	0711 11124	THERMO STD, WHITE, SOLID, 18"	LF		861	10.08	8,678.88	13.91	11,976.51	7.75	6,672.75
49.)	0711 11125	THERMO, STANDARD, WHITE, SOLID, 24"	LF		640	13.12	8,396.80	18.11	11,590.40	10.00	6,400.00
50.)	0711 11224	THERMO, STD, YELLOW, SOLID, 18"	LF		174	20.41	3,551.34	28.16	4,899.84	7.75	1,348.50
51.)	0711 14125	THERMO, PREFORM, WHITE, SOLID 24"	LF		2,347	24.40	57,266.80	33.69	79,070.43	24.75	58,088.25
52.)	0711 16131	THERMO, STD, WHITE, SKIP (3-9, 10-30), 6"	GM		0.076	30,996.32	2,355.72	46,447.37	3,530.00	4,441.00	337.52
53.)	0711 11141	THERMO, STANDARD, WHITE, GUIDE LINE, 6" (2/4)	GM		0.028	61,303.93	1,716.51	118,571.43	3,320.00	6,027.00	168.76

EMERALD TRAIL MODEL MILE - IFC BID TAB (REVISION 1)

		DESCRIPTION	UNIT	REVISION NOTED	QUANTITY	Astra Group Corporation UNIT COST	Astra Group Corporation TOTAL COST	Auld & White Constructors UNIT COST	Auld & White Constructors TOTAL COST	J.B. Coxwell Contracting UNIT COST	J.B. Coxwell Contracting TOTAL COST
54.)	0711 11160	THERMO., STD., MESSAGE OR SYMBOL (HANDICAP SYMBOL 3')	EA		2	1,446.88	2,893.76	2,000.00	4,000.00	337.50	675.00
55.)	0711 11170	THERMO., STD., ARROW	EA		16	247.42	3,958.72	341.88	5,470.08	112.50	1,800.00
56.)	0711 11421	THERMO., STANDARD, BLUE, SOLID, 6"	LF		82	38.14	3,127.48	52.68	4,319.76	11.25	922.50
57.)	713103101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM		0.373	41,213.89	15,372.78	57,372.65	21,400.00	39,058.00	14,568.63
58.)	713103131	PERMANENT TAPE, WHITE, DOTTED, 6" FOR CONCRETE SURFACES	GM		0.023	76,253.48	1,753.83	120,869.57	2,780.00	17,120.00	393.76
59.)	713103201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM		0.356	41,047.89	14,613.05	57,640.45	20,520.00	39,817.00	14,174.85
59A.)	713107	PREFORMED/PERMANENT TAPE, REMOVE	SF	***	1,058	4.43	4,686.94	6.12	6,474.96	3.00	3,174.00
		SUBTOTAL					***$ 2,868,996.09***		***$ 3,452,261.21***		***$ 2,480,433.97***
		TRAIL STRUCTURAL COMPONENT									
60.)	110 3	REMOVAL OF EXISTING STRUCTURES/BRIDGES (BRIDGE BARRIER WALL)	SF		390	12.95	5,050.50	58.59	22,850.10	154.00	60,060.00
61.)	400 2 4	CONCRETE CLASS II, FIBER REINFORCED	CY		22	1,049.46	23,088.12	2,784.09	61,249.98	1,047.00	23,034.00
62.)	DRAWINGS	LIGHTWEIGHT CONCRETE SIDEWALK AND BENCH SEATING	CY		62	1,259.36	78,080.32	2,951.29	182,979.98	3,859.00	239,258.00
63.)	401 70 1	RESTORE SPALLED AREAS	CF		24	26.24	629.76	480.83	11,539.92	776.25	18,630.00
64.)	411 1	EPOXY MATERIAL FOR CRACK INJECTION	GA		10	26.24	262.40	348.00	3,480.00	119.50	1,195.00
65.)	411 2	INJECT AND SEAL CRACK	LF		267	5.25	1,401.75	89.44	23,880.48	78.75	21,026.25
66.)	455 133 3	SHEET PILING (455-133-3)	SF	**		-		-	-	-	-
67.)	458 1 21	BRIDGE DECK EXPANSION JOINT, REHAB, POURED JOINT WITH BACKER ROD	LF		400	2.10	840.00	28.83	11,532.00	56.00	22,400.00
68.)	458 2 11	POLYMER NOSING FOR BRIDGE DECK EXPANSION JOINT	CF		36	10.49	377.64	965.28	34,750.08	824.50	29,682.00
69.)	515 1 1	PIPE HANDRAIL- GUIDERAIL	LF		1,015	78.71	79,890.65	398.64	404,619.60	305.00	309,575.00
70.)	515 2 211	PEDESTRIAN/BICYCLE RAILING, RAILING EXTENSION	LF		538	62.97	33,877.86	332.08	178,659.04	254.00	136,652.00
71.)	515 2 214	PEDESTRIAN/BICYCLE RAILING, GLASS INFILL PANEL	LF		105	104.95	11,019.75	684.00	71,820.00	523.00	54,915.00
72.)	550 10 359	FENCING, (TYPE R), (6' HEIGHT), (SPECIAL FEATURE)	LF		92	136.43	12,551.56	191.20	17,590.40	315.00	28,980.00
73.)	550 10 359	FENCING, (TYPE R), (8' HEIGHT), (SPECIAL FEATURE)	LF		72	143.98	10,366.56	201.81	14,530.32	337.50	24,300.00
74.)	550 10 359	FENCING, (TYPE R), (8.1-10.0 HEIGHT), (SPECIAL FEATURE)	LF		130	139.98	18,197.40	196.23	25,509.90	382.50	49,725.00
		SUBTOTAL					***275,634.27***		***$ 1,064,991.80***		***$ 1,019,432.25***
		SITE FURNISHINGS/LANDSCAPE COMPONENT									
75.)	DRAWINGS	BENCH (BACKLESS)	EA		3	1,778.48	5,335.44	2,096.67	6,290.01	2,771.00	8,313.00
76.)	DRAWINGS	BENCH (W/ BACK)	EA		3	1,915.67	5,747.01	2,263.33	6,789.99	2,975.00	8,925.00
77.)	DRAWINGS	TRASH RECEPTACLE (SCARBOROUGH BY LANDSCAPE FORMS)	EA		5	2,494.06	12,470.30	2,502.00	12,510.00	3,244.00	16,220.00
78.)	DRAWINGS	BIKE RACK	EA		5	833.40	4,167.00	830.00	4,150.00	1,235.00	6,175.00
79.)	DRAWINGS	REMOVABLE BOLLARD	EA		34	974.71	33,140.14	1,494.71	50,820.14	1,794.00	60,996.00
80.)	DRAWINGS	FIXED BOLLARD	EA		5	980.90	4,904.50	1,178.00	5,890.00	1,440.00	7,200.00
81.)	DRAWINGS	PET WASTE STATION	EA		2	659.73	1,319.46	820.00	1,640.00	1,236.00	2,472.00
82.)	DRAWINGS	BOTTLE FILL STATION WITH PET BOWL	EA		3	9,613.68	28,841.04	14,060.00	42,180.00	11,807.00	35,421.00
83.)	DRAWINGS	TREES	EA		106	735.69	77,983.14	1,020.66	108,189.96	773.00	81,938.00
84.)	DRAWINGS	CABBAGE PALMETTO 6'-8'	EA		4	401.58	1,606.32	390.00	1,560.00	422.00	1,688.00
85.)	DRAWINGS	CABBAGE PALMETTO 8'-10'	EA		50	401.58	20,079.00	389.80	19,490.00	422.00	21,100.00
86.)	DRAWINGS	CABBAGE PALMETTO 10'-12'	EA		4	401.58	1,606.32	390.00	1,560.00	422.00	1,688.00
87.)	DRAWINGS	CABBAGE PALMETTO 12'-14'	EA		2	401.58	803.16	390.00	780.00	422.00	844.00
88.)	DRAWINGS	SHRUBS, 1G	EA		7,437	9.64	71,692.68	8.71	64,776.27	10.00	74,370.00
89.)	DRAWINGS	SHRUBS, 3G	EA		3,918	16.06	62,923.08	13.28	52,031.04	16.75	65,626.50
90.)	DRAWINGS	SHRUBS, 15G	EA		6	96.38	578.28	33.33	199.98	101.00	606.00
91.)	DRAWINGS	PERFORMANCE SOD	SY		3,764	7.71	29,020.44	5.74	21,605.36	16.00	60,224.00
92.)	DRAWINGS	PINE STRAW MULCH	CY		308	12.85	3,957.80	138.86	42,768.88	13.50	4,158.00
93.)	DRAWINGS	IRRIGATION	LS		1	175,517.30	175,517.30	264,910.00	264,910.00	248,350.00	248,350.00
94.)	DRAWINGS	PAVEMENT COATING	SF		21,750	5.25	114,187.50	8.90	193,575.00	6.75	146,812.50
95.)	DRAWINGS	LANDSCAPE PLANTING SOIL (IN COMPLIANCE WITH FDOT STD SPEC SECTION 987)	TN		521	96.38	50,213.98	69.37	36,141.77	101.00	52,621.00
96.)	DRAWINGS	COARSE AGGREGATE -57 STONE (USING 901-2.2)	TN		67	58.27	3,904.09	163.88	10,979.96	149.00	9,983.00
97.)	DRAWINGS	CONCRETE CLASS NS GRAVITY WALL (USING 400-0-11)	CY	*	16.0	1,049.46	16,791.36	3,580.00	57,280.00	2,079.00	33,264.00
98.)	DRAWINGS	CONCRETE CURB	LF		52	36.73	1,909.96	237.69	12,359.88	53.00	2,756.00
99.)	DRAWINGS	CONCRETE PAVERS (USING 526.1.2)	SY		260	94.77	24,640.20	169.54	44,080.40	345.00	89,700.00
100.)	DRAWINGS	STONE PAVERS (SPECIALTY PAVING FOR WAITING ROOM)	SY		70	3,305.81	231,406.70	57.14	3,999.80	3,150.00	220,500.00
101.)	DRAWINGS	TREE PROTECTION	LF		3,400	4.98	16,932.00	11.82	40,188.00	5.25	17,850.00
		SUBTOTAL					***1,001,678.20***		***$ 1,106,746.44***		***$ 1,279,801.00***
		OVERLOOK STRUCTURES									
102.)	DRAWINGS	COMPOSITE DECKING	SF		2,266	52.47	118,897.02	99.85	226,260.10	75.50	171,083.00
103.)	DRAWINGS	SUB-STRUCTURE CONCRETE	CY		30	1,259.36	37,780.80	7,256.67	217,700.10	9,560.00	286,800.00
104.)	DRAWINGS	REINFORCING STEEL	LB		3,288	1.05	3,452.40	3.51	11,540.88	17.00	55,896.00
105.)	DRAWINGS	DRIVEN STEEL PILES	LF		1,540	98.29	151,366.60	161.22	248,278.80	123.00	189,420.00
106.)	DRAWINGS	PEDESTRIAN RAILING	LF		239	78.71	18,811.69	351.55	84,020.45	829.00	198,131.00
107.)	DRAWINGS	MISCELLANEOUS STEEL	LB		524	10.49	5,496.76	190.90	100,031.60	146.00	76,504.00
108.)	DRAWINGS	ANCHORS	EA		241	47.23	11,382.43	54.65	13,170.65	42.00	10,122.00
109.)	DRAWINGS	2X4 PT TIMBERS	BF		271	5.25	1,422.75	57.82	15,669.22	44.00	11,924.00
110.)	DRAWINGS	2X8 PT TIMBERS	BF		8,765	5.25	46,016.25	21.52	188,622.80	16.50	144,622.50
111.)	DRAWINGS	2X10 PT TIMBERS	BF		552	5.25	2,898.00	42.64	23,537.28	32.50	17,940.00

EMERALD TRAIL MODEL MILE - IFC BID TAB (REVISION 1)

		DESCRIPTION	UNIT	REVISION NOTED	QUANTITY	Astra Group Corporation UNIT COST	Astra Group Corporation TOTAL COST	Auld & White Constructors UNIT COST	Auld & White Constructors TOTAL COST	J.B. Coxwell Contracting UNIT COST	J.B. Coxwell Contracting TOTAL COST
112.)	DRAWINGS	2X12 PT TIMBERS FOR STAIR JOIST	BF		68	20.99	1,427.32	216.32	14,709.76	165.00	11,220.00
		SUBTOTAL					***398,952.02***		***$ 1,143,541.64***		***$ 1,173,662.50***
		LIGHTING COMPONENT									
113.)	JEA	SINGLE ACORN STANDARD (FIXTURE TYPE A)	EA	*	12	10,272.02	123,264.24	12,679.17	152,150.04	9,697.00	116,364.00
114.)	JEA	ALCOTT CONTEMPORARY LIGHT POLE (FIXTURE TYPE B)	EA	*	21	13,918.63	292,291.23	12,793.33	268,659.93	9,784.00	205,464.00
115.)	JEA	JEA CONCRETE POLE (FIXTURE TYPE C)	EA	*	12	6,641.30	79,695.60	18,524.17	222,290.04	14,167.00	170,004.00
116.)	JEA	FIXTURE TYPE W	EA		10	3,158.99	31,589.90	3,511.00	35,110.00	2,685.00	26,850.00
117.)	JEA	FIXTURE TYPE WP	EA		3	2,883.37	8,650.11	1,056.67	3,170.01	807.00	2,421.00
118.)	JEA	LIGHT POLE (FIXTURE TYPE S1)	EA		5	6,678.40	33,392.00	5,718.00	28,590.00	4,373.00	21,865.00
119.)	JEA	HANDHOLE/FOUNDATION/WIRING & CONDUIT	EA		64	3,360.40	215,065.60	5,077.97	324,990.08	3,884.00	248,576.00
120.)	JEA	METER STATIONS	EA		5	30,657.04	153,285.20	14,978.00	74,890.00	11,003.00	55,015.00
		SUBTOTAL					***937,233.88***		***$ 1,109,850.10***		***$ 846,559.00***
		EROSION CONTROL									
121.)	104-10-3	SEDIMENT BARRIER	LF		9,406	4.28	40,257.68	6.35	59,728.10	2.50	23,515.00
122.)	104-18	INLET PROTECTION	EA		25	267.72	6,693.00	1,750.00	43,750.00	354.00	8,850.00
		SUBTOTAL					***46,950.68***		***$ 103,478.10***		***$ 32,365.00***
		SIGNAL COMPONENTS									
123.)	630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF		156	17.39	2,712.84	182.82	28,519.92	140.00	21,840.00
124.)	630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF		1,772	24.28	43,024.16	53.22	94,305.84	41.00	72,652.00
125.)	630-2-15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF		20	33.82	676.40	156.00	3,120.00	119.00	2,380.00
126.)	632-7-1	SIGNAL CABLE - NEW OR RECONSTRUCTED INTERSECTION, F & I	PI		4	9,503.47	38,013.88	14,542.50	58,170.00	11,121.00	44,484.00
127.)	632-7-2	SIGNAL CABLE - REPAIR/REPLACE/OTHER, F & I	LF		2,335	5.62	13,122.70	7.27	16,975.45	5.50	12,842.50
128.)	632-7-6	SIGNAL CABLE, REMOVE - INTERSECTION	PI		1	1,590.09	1,590.09	2,930.00	2,930.00	2,243.00	2,243.00
129.)	632-7-7	SIGNAL CABLE, REMOVE - OUTSIDE OF INTERSECTION	LF		1,700	2.86	4,862.00	4.95	8,415.00	3.75	6,375.00
130.)	633-1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF		20	58.99	1,179.80	2.50	50.00	1.75	35.00
131.)	633-2-32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA		24	100.28	2,406.72	106.25	2,550.00	81.00	1,944.00
132.)	633-3-14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA		2	90.11	180.22	190.00	380.00	146.00	292.00
133.)	633-3-16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA		1	1,325.50	1,325.50	1,620.00	1,620.00	1,239.00	1,239.00
134.)	635-2-11	PULL & SPLICE BOX, F&I, 13" X 24" COVER SIZE	EA		41	720.84	29,554.44	1,399.02	57,359.82	1,070.00	43,870.00
135.)	639-1-123	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER NOT REQUIRED	AS		1	3,514.11	3,514.11	1,580.00	1,580.00	1,210.00	1,210.00
136.)	639-2-1	ELECTRICAL SERVICE WIRE, F&I	LF		85	4.98	423.30	6.35	539.75	5.00	425.00
137.)	639-2-6	ELECTRICAL SERVICE WIRE, REMOVE	LF		60	0.58	34.80	4.67	280.20	3.50	210.00
138.)	641-2-12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA		1	1,425.79	1,425.79	1,950.00	1,950.00	1,493.00	1,493.00
139.)	641-2-60	PRESTRESSED CONC POLE, COMPLETE POLE REM- PEDESTAL/SERVICE POLE	EA		2	556.54	1,113.08	875.00	1,750.00	668.00	1,336.00
140.)	646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	EA		10	1,542.39	15,423.90	3,278.00	32,780.00	2,507.00	25,070.00
141.)	646-1-12	ALUMINUM SIGNALS POLE, F&I, PEDESTRIAN DETECTOR POLE	EA		5	1,160.77	5,803.85	3,286.00	16,430.00	2,514.00	12,570.00
142.)	646-1-60	ALUMINUM SIGNALS POLE, REMOVE	EA		7	487.63	3,413.41	780.00	5,460.00	596.00	4,172.00
143.)	646-2-115	ALUMINUM POLE INDEX 17900/695-001, FURNISH & INSTALL, 15'	EA		11	2,289.74	25,187.14	4,500.00	49,500.00	3,442.00	37,862.00
144.)	646-2-120	ALUMINUM POLE INDEX 17900/695-001, FURNISH & INSTALL, 20'	EA		13	2,411.64	31,351.32	4,727.69	61,459.97	3,615.00	46,995.00
145.)	650-1-14	VEHICULAR TRAFFIC SIGNAL, F&I, ALUMINUM, 3 SECTION, 1 WAY	AS		22	895.75	19,706.50	1,746.36	38,419.92	1,335.00	29,370.00
146.)	650-1-16	VEHICULAR TRAFFIC SIGNAL, F&I, ALUMINUM, 4 SECTION, 1 WAY	AS		3	1,123.67	3,371.01	1,820.00	5,460.00	1,391.00	4,173.00
147.)	650-1-60	VEHICULAR TRAFFIC SIGNAL, REMOVE-POLES TO REMAIN	AS		1	121.91	121.91	460.00	460.00	350.00	350.00
148.)	650-1-70	VEHICULAR TRAFFIC SIGNAL, RELOCATE- INCLUDES REMOVAL AND REINSTALL	AS		2	620.14	1,240.28	1,285.00	2,570.00	981.00	1,962.00
149.)	653-1-11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS		20	678.44	13,568.80	1,627.00	32,540.00	1,244.00	24,880.00
150.)	653-1-12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS		6	1,373.84	8,243.04	1,771.67	10,630.02	1,356.00	8,136.00
151.)	653-1-60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS		14	79.51	1,113.14	275.71	3,859.94	211.00	2,954.00
152.)	654-2-21	RECT RAPID FLASHING BEACON, F&I-SOLAR POWER, COMP SIGN ASSEM-SINGLE DIRECTIOI	AS		2	7,621.86	15,243.72	10,870.00	21,740.00	8,314.00	16,628.00
153.)	654-2-22	RECT RAPID FLASHING BEACON, F&I-SOLAR POWER, COMP SIGN ASSEM-BK TO BK	AS		2	8,295.00	16,590.00	10,870.00	21,740.00	8,314.00	16,628.00
154.)	660-1-110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	EA		4	386.93	1,547.72	382.50	1,530.00	293.00	1,172.00
155.)	660-1-600	LOOP DETECTOR INDUCTIVE, REMOVE - CABINET TO REMAIN	EA		10	37.10	371.00	57.00	570.00	44.00	440.00
156.)	660-2-106	LOOP ASSEMBLY, F&I, TYPE F	AS		9	789.75	7,107.75	1,953.33	17,579.97	1,493.00	13,437.00
157.)	660-3-11	VEHICLE DETECTION SYSTEM- MICROWAVE, F&I CABINET EQUIPMENT	EA		4	6,657.20	26,628.80	7,732.50	30,930.00	5,914.00	23,656.00
158.)	660-3-12	VEHICLE DETECTION SYSTEM- MICROWAVE, F&I ABOVE GROUND EQUIPMENT	EA		16	8,003.48	128,055.68	10,665.63	170,650.08	8,157.00	130,512.00
159.)	665-1-11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA		35	201.41	7,049.35	519.43	18,180.05	397.00	13,895.00
160.)	665-1-60	PEDESTRIAN DETECTOR, REMOVE-POLE/PEDESTAL TO REMAIN	EA		7	148.41	1,038.87	151.43	1,060.01	116.00	812.00
161.)	670-5-111	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS		1	29,602.27	29,602.27	39,470.00	39,470.00	30,182.00	30,182.00
162.)	670-5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS		5	1,521.19	7,605.95	1,396.00	6,980.00	1,067.00	5,335.00
163.)	670-5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS		1	1,468.19	1,468.19	1,830.00	1,830.00	1,400.00	1,400.00
164.)	684-1-1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA		1	3,349.80	3,349.80	3,500.00	3,500.00	2,677.00	2,677.00
165.)	700-3-101	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	AS		20	275.62	5,512.40	1,194.50	23,890.00	914.00	18,280.00
166.)	700-3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA		1	556.53	556.53	600.00	600.00	456.00	456.00
167.)	700-11-700	ELECTRONIC DISPLAY SIGN, REMOVE - OVERHEAD MOUNT	AS		1	238.51	238.51	550.00	550.00	422.00	422.00
		SUBTOTAL					***525,670.67***		***$ 900,865.94***		***$ 689,296.50***

EMERALD TRAIL MODEL MILE - IFC BID TAB (REVISION 1)

		DESCRIPTION	UNIT	REVISION NOTED	QUANTITY	Astra Group Corporation UNIT COST	Astra Group Corporation TOTAL COST	Auld & White Constructors UNIT COST	Auld & White Constructors TOTAL COST	J.B. Coxwell Contracting UNIT COST	J.B. Coxwell Contracting TOTAL COST
		TOTAL - CONSTRUCTION ESTIMATE					6,830,000.00		11,207,765.23		9,741,690.01
		CONTINGENCIES (5%)					341,500.00		560,388.26		487,084.50
		BASE BID TOTAL					$ 7,171,500.00		11,768,153.49		$ 10,228,774.51
		LIFT EV'RY VOICE AND SING PARK									
168.)		MOBILIZATION	LS		1	17,155.10	17,155.10	19,650.00	19,650.00	25,914.40	25,914.40
169.)		MAINTENANCE OF TRAFFIC	LS		1	4,587.80	4,587.80	6,330.00	6,330.00	7,686.00	7,686.00
170.)	0110 1 1	CLEARING & GRUBBING	AC		0.087	20,135.86	1,751.82	26,896.55	2,340.00	13,918.00	1,210.87
171.)	0110 4 10	REMOVAL OF EXISTING CONCRETE	SY		227	14.44	3,277.88	19.91	4,519.57	30.00	6,810.00
172.)	0120 1	REGULAR EXCAVATION	CY		18	48.33	869.94	66.67	1,200.06	712.00	12,816.00
173.)	0522 2	5" CONCRETE SIDEWALK (USING 0522-2)	SY		350	43.20	15,120.00	59.66	20,881.00	76.00	26,600.00
174.)	0522 2	6" CONCRETE SIDEWALK	SY		25	84.71	2,117.75	116.80	2,920.00	96.00	2,400.00
175.)	COJ	CONCRETE CURB & GUTTER, 18" COJ STANDARD	LF		41	192.76	7,903.16	52.20	2,140.20	50.00	2,050.00
176.)	0527 2	DETECTABLE WARNING	SF		81	42.58	3,448.98	58.77	4,760.37	42.00	3,402.00
177.)	0570 1 2	PERFORMANCE TURF, SOD	SY		103	7.76	799.28	7.18	739.54	16.00	1,648.00
178.)	0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS		1	157.42	157.42	1,390.00	1,390.00	444.00	444.00
179.)	0700 1 50	SINGLE POST SIGN, RELOCATE	AS		1	157.42	157.42	1,390.00	1,390.00	219.00	219.00
180.)	0710 11125	PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID OR STOP LINE OR CROSSWALK, 24"	LF		7	30.94	216.58	42.86	300.02	6.75	47.25
181.)	0710 11201	PAINTED PAVT MARK, STD, GREEN, SOLID, 5" (USING 710-11-201)	GM	****	0.043	10,159.77	436.87	15,116.28	650.00	6,802.00	292.49
		SUBTOTAL					*58,000.00*		*$ 69,210.76*		*$ 91,540.00*
		TOTAL - CONSTRUCTION ESTIMATE					58,000.00		69,210.76		91,540.00
		CONTINGENCIES (5%)					2,900.00		3,460.54		4,577.00
		LIFT EV'RY VOICE AND SING PARK BID TOTAL					$ 60,900.00		72,671.30		$ 96,117.00
		ALTERNATE ADD-ONS									
182.)	DRAWINGS	PAVEMENT COATING FOR EXISTING SIDEWALK	SF		4,010	5.25	21,052.50	6.88	27,588.80	5.00	20,050.00
183.)	DRAWINGS	EPOXY FILL OF GROOVED CONCRETE	SF	*	14,520	1.57	22,796.40	17.25	250,470.00	1.50	21,780.00
184.)	DRAWINGS	CUSTOM SWING BENCHES	EA		2	10,157.33	20,314.66	17,300.00	34,600.00	28,746.00	57,492.00
185.)	DRAWINGS	CHANGE 5 LIGHTS AT POND TO ALCOTT CONTEMP LIGHT POLE (FIXUTRE TYPE B)	EA		5	5,247.31	26,236.55	23,280.00	116,400.00	17,125.00	85,625.00
186.)	DRAWINGS	TAPE LIGHT	LF		861	5.25	4,520.25	111.96	96,397.56	82.00	70,602.00
187.)	DRAWINGS	SHADE STRUCTURE CONNECTING BRACKET	EA		2	5,247.32	10,494.64	44,350.00	88,700.00		-
188.)	DRAWINGS	SHADE STRUCTURE (CUSTOM FABRICATION)	EA		1	414,129.56	414,129.56	139,100.00	139,100.00		-
189.)	DRAWINGS	CUSTOM PARASOLEIL SHADE STRUCTURE SKIN, BOTANICAL PATTERN	SF		78	31.48	2,455.44	458.97	35,799.66		-
		SUBTOTAL					*522,000.00*		*$ 789,056.02*		*$ 255,549.00*
		BASE BID + LIFT EV'RY VOICE + ALTERNATE TOTAL					$ 7,754,400.00		$ 12,629,880.81		$ 10,580,440.51
		CONTINGENCY PAY ITEMS									
190.)	Special Conditions	HAULING AND DISPOSAL OF UNSUITABLE MATERIAL (CONTINGENCY)	CY		1	25.00	25.00	35.00	35.00	23.00	23.00
191.)	Special Conditions	A-3 SAND (CONTINGENCY)	CY		1	76.00	76.00	100.00	100.00	43.00	43.00
192.)	Special Conditions	OVEREXCAVATION (CONTINGENCY)	CY		1	14.00	14.00	20.00	20.00	14.00	14.00
193.)	Special Conditions	BACKFILL FOR OVEREXCAVATION (CONTINGENCY)	CY		1	18.00	18.00	30.00	30.00	43.00	43.00
194.)	0425 2 61	MANHOLE (CONTINGENCY)	EA		1	7,150.00	7,150.00	9,720.00	9,720.00	11,015.00	11,015.00
195.)	430175118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" S/CD (CONTINGENCY)	LF		1	285.00	285.00	390.00	390.00	1,130.00	1,130.00

Revision Notes

- * Quantity revised
- ** Quantity deleted
- *** Quantity added
- **** Corrected Rounding

	Astra Group Corporation	Auld & White Constructors	J.B. Coxwell Contracting
Conflict of Interest:	YES	YES	YES
JSEB Participation:	YES	YES	YES
Licensed Subs:	YES	YES	YES
Addendum(s) 1, 2, 3, 4	YES	YES	YES
Analyst Note:		Bidder's Totals have Mathematical Errors	

Department of Finance and Administration
Procurement Division

CITY OF JACKSONVILLE

June 18, 2021

To: Gregory A. Pease, Chief
Procurement Division

From: Aileen Cruz, Business Analyst AC
Equal Business Opportunity Office / Jacksonville Small & Emerging Business Program

Re: **CP-0072-21 Emerald Trail Model**

The Jacksonville Small & Emerging Business (JSEB) Office has reviewed the low bidder/proposer for compliance with the Jacksonville Small and Emerging Business (JSEB) program. Based upon the review, and the areas of certification, the lowest bidder/proposer is **Astra Construction Services, LLC**, with a total bid of **$7,754,400.00.** Based upon review of the JSEB schedule of work, the letters of intent, and the areas of certification, the lowest bidders/proposers, meet the goal by utilizing 20% participation to the following JSEB's:

Smith Surveying Group, LLC	$
Atlantic Site & Marine, Inc	$ 2,542,190.00
C&L Landscape, Inc	$ 463,219.80
RFE Construction & Fence Services, Inc	$

Our review efforts are documented and available upon request. Please let us know if you have any questions or concerns. I can be reached at (904) 255-8828.

cc: Nekole Hulitt
Dinah L. C. Mason

B. **BASIS OF AWARD**

The project may be awarded to the lowest responsive, responsible Bidder. The Total Base Bid will be used to determine the lowest bidder, contingent on the availability of funds within the project's approved budget. The CITY has the right to reject any or all bids.

C. **REVISIONS OF BID PROPOSAL FORM**

Request for revision of the Bid Proposal Form must be made to the ENGINEER at least three (3) days prior to date of opening of Bids. Revision of the Bid Proposal by the Bidder will void the Bid.

D. **CONTRACT EXPIRATION DATE**

The Contract expiration date shall be established as follows:

The notice to proceed date plus ten (10) calendar days for mobilization, plus the construction time established in the Proposal, plus time extensions pursuant to valid change orders (which shall establish the construction completion date), plus 120 days to assure a contract exists beyond the scheduled construction completion date in order to comply with Executive Order Number 13-05.

E. **BID CHANGES**

No changes in the amount of Bids appearing on the outside of Bids will be considered. Only the amounts shown on bidding documents inside the envelope will be considered. All changes, corrections and erasures must be initialed by the person signing the bid.

F. **CONSTRUCTION COMPLETION**

The CONTRACTOR shall begin work within ten (10) calendar days, including Saturdays, Sundays and holidays, after the date of written notice from the owner to begin work, and shall complete the Base Bid work within **360** calendar days including Saturdays, Sundays and holidays, after the expiration of such ten (10) day notice. If the Bidder determines that "off-hours" work is anticipated to complete the project within such allotted times, a schedule therefore shall be attached to this proposal as required by Sections 20.3.4 and 20.3.5 of the General Conditions.

G. **BID SECURITY**

If Bid Security is required for this project, a Certified Check on _____ (or) Cashier's Check on _____ (or) Bid Bond properly executed by the undersigned and by qualified surety in the sum of _____ representing not less than five percent (5%) of the total amount of Bid, made payable to the Tax Collector, City of Jacksonville, Florida, which the undersigned Bidder hereby deposits as a guarantee of good faith and which it agrees to forfeit to the CITY of Jacksonville, not as a penalty, but as fixed and liquidated damages in the event it fails to enter into Contract, or fail to furnish the contract bond required in accordance with the Special Conditions within ten (10) days after receipt of the contract.

H. **SUBMITTAL STATEMENT**

EMERALD TRAIL MODEL PROJECT CONSTRUCTION
SECTION 30

SCOPE OF WORK

30.1 Scope:

The work covered by these plans and specifications consists of furnishing all labor, materials and equipment; and performing all operations necessary for the construction of the EMERALD TRAIL MODEL PROJECT as specified in the Contract Documents. The Project will involve providing complete construction services for a 1.3 mile urban 14-ft-wide concrete trail. The areas of work to be performed will include the following:

- Minor Roadway Construction, including milling and resurfacing, curb and gutter, sidewalk, and drainage construction
- Hardscape / Landscape / Site Furnishings Installation;
- Minor Bridge Construction over an Active Railroad;
- Boardwalk Construction;
- Lighting – trail, roadway, and accent lighting;
- Traffic Signalization;
- Pedestrian and Bicycle Signalization;
- Signing and Pavement Marking
- Trail and wayfinding signage

30.2 Location:

This project is located within the limits of the City of Jacksonville, Florida. The proposed trail construction area is along Park Street, Lee Street, Beaver Street, Minnie Street, Logan Street, Blanche Street, and State Street (approximately 1.3 miles total).

30.3 Intent:

It is the intent of these Contract Documents to construct the project as shown on the plans and specifications. It is not the intent of these Contract Documents to minutely define the mode and resources for construction of this project, but rather to set forth reasonable and rational criteria for the construction thereof.