Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

City of Jacksonville, Florida
Procurement Award Form (PAF)

Part 1: Form Type JPAC Award Request and Administrative Details

Goods and/or Services: Emerald Trail Model Project Construction - CP-0072-21

Requested Action/Authority:

Recommend approval to amend the award with Astra Construction Services LLC for Change Order # 1 in the increase amount of $1,066,632.03. Total revised not to exceed amount of $8,821,032.03.

Justification/Explanation:

Change Order # 1 is for continued work and for fiber mesh to be added to the concrete sidewalk. Please see attached for funding account information.

Legal Contract #:	71178-21	Contract Date:	08/08/2022	Change Order/AMD #:	Change Order # 1	
PO/Release #:	641625-22	Bid Date:	04/01/2021	Awarded Supplier:	Astra Construction Services LLC	
Licenses Verified:	Yes	Effective Date:	11/21/2024	Basis of Award:	LPTA	
Federally Funded:	Yes	No. Invited:	4	Responses Received:	3	Attachments:
Solicitation:	CB - CP-0072 - 21			Procurement Contract #:	POA - 71178-21	
Executed By:	Office of General Counsel					

PoP:Base:	Project Completion	Options:	N/A	Extension(s):	N/A
JSEB Rec.:	Participation	%:	25	Bonds Waived Pursuant To:	N/A

Fund:	00000	Center:	000000	Acct:	000000	Proj:	000000	Activity:	00000000	$	1,066,632.03
Fund:		Center:		Acct:		Proj:		Activity:		$	
Fund:		Center:		Acct:		Proj:		Activity:		$	

New NTE/GMP:	$ 8,821,032.03	Contingent Amount:	$ 0	DMP/ODPO Amount:	$ 0

Using Agency/BU:	PWEN:ENGINEERING_AND_CONSTRUCTION_MANAGEMENT			
Concurrence:	Signed by: Gibbs, Sheldon 843DE27A46A74CA...	Title:	CHIEF OF ENGINEERING CONSTRUCTION MANAGEMENT	11/13/2024
Concurrence:	Signed by: Joseph, Daryl 05FF85FD2C5A429...	Title:	DIRECTOR OF PARKS, RECREATION, AND COMMUNITY SERVICES	11/14/2024
Concurrence:	DocuSigned by: Nina Sicker 1EFA223D5D23487...	Title:	DIRECTOR OF PUBLIC WORKS	11/16/2024
Concurrence:		Title:		

Procurement Analyst/Buyer:	Signed by: Kemp, Benjamin 17483D5CD0EE4C1...	Chief of Procurement:	DocuSigned by: B19F1D517352456... 11/18/2024
Name:	Kemp, Benjamin	Name:	Dustin L. Freeman

Initial DT
Initial wy
Initial DT

Part 2: JPAC Actions on Above Requests/Recommendations
All Award Actions Subject to Lawfully Appropriated Funds

Members Who Approve:	
Members Who Disapprove:	
Other Action:	

Date:

Part 3: Final Awarding Authority Action

Action:

Date:

Signature:

Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

PAF Instructions

Form Type: Select the type of award from the dropdown options. This form will be used for all Procurement awards (Administrative Awards and JPAC Requests).

Goods and/or Services: Enter a brief description of the types of goods and services included in the request.

Requested Action/Authority: Enter a brief description of the requested action or authority being sought. i.e.; *request permission to award to the lowest, responsive responsible bidder for ITB or award the highest ranked supplier for an RFP*.

Justification/Explanation: Enter a brief justification or explanation for the requested action. Use this box to add any additional information such as additional account strings, or other information essential for contract execution.

Legal Contract Number: Provide the existing City contract number if applicable. This will be the same number as your POA number.

Contract Date: Select the effective date for the contract using the calendar option in the form. Leave blank for contracts to become effective on the execution date.

Change Order/AMD #: Provide the applicable Change Order or Amendment number represented by this request.

Date: Enter the date of PAF submission.

Effective Date: Enter the effective date of requested authority and/or action.

Solicitation: Select the competitive procurement method used (1Cloud generated prefix), enter the 1Cloud generated numbering sequence, and 1Cloud generated fiscal year of solicitation

Basis of Award: Select from Lowest Price Technical Acceptable (LPTA), Highest Price Technical Acceptable (HPTA),

Procurement Contract #: This is your PO number. Select Type, Enter Number

PO/Release Number: Enter PO Release Number

Awarded Supplier: Enter Awarded Supplier Name

Federally Funded: Select yes or no from dropdown if Federal Funds will be used.

Responses Received: This is the number of responses received.

No Bids Received: The number of responses received that indicated supplier would not bid.

Executed By: Select whether executed by OGC or JPAC / Chief of Procurement

PoP Base: Select the Period of Performance for the initial period.

Options: Period for each renewal period i.e. one (1) two (2) year.

Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

Extensions: How many extensions have we preformed after the initial base period and option periods have been completed?

JSEB Goal: Select the percentage established by JSEB.

JESB Other: Select Encouragement or Set Aside Option

Bonds Waived Pursuant to: Select authority allowing bonds to be waived.

Funding Source: Fund/Center/Account/Project/Activity, all fields are required even if zeros.

New NTE/GMP: Enter the new total not to exceed the amount. Note, this should match the contract maximum indebtedness, if applicable**.**

Contingent Amount: If your agency requests an allowance for unforeseen additional expenses, then specify the amount of your requested increase and new NTE that represents the contingency allowance. This is over and above any quote.

DMP/ODPO Amount: Enter the total Direct Materials Purchase/Owner Direct Purchase Order amount for project.

Attachments: Name any attachments included as supplemental information to the PAF.

Using Agency/BU: This should be the requesting agency/requirement owner.

Concurrence: Electronic Signature

Title: Enter the title of person electronically signing form.

**Any fields where there is no data available, or no entry is required, either leave it blank or enter N/A. Any fields where there is known data, include for informational purposes. Any changes to an original award should contain the data that is being changed and any other relevant data required for JPAC review and approval.*

Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

A NEW DAY.

City of Jacksonville, Florida

Donna Deegan, Mayor

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

November 6, 2024

TO: James R. McCain, Jr.
Corporation Secretary/Assistant General Counsel

THRU: Anna Brosche
Director of Finance/Chief Financial Officer

FROM: Thomas G. McKnight
Capital Improvement Construction Manager

SUBJECT: Emerald Trail Model Project Construction
Contractor: Astra Construction Services, LLC
Contract No: 71178-21 PO 641265-22 BID CP-0072-21

Forwarded herewith for execution is Change Order No 1 for subject project.

Original Contract Amount $7,754,400.00

Change Order # 1 ..... $1,066,632.03

Total Revised Contract Amount..... $8,821,032.03

Account Number .....See Attached

This office recommends the Change Order be approved by your office, the Office of General Counsel, and Mayor Deegan, in accordance with Executive Order No. 13-05.

Attachments:
1. Change Order
2. Back-up Information
3. Legal Request Memorandum

Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

CITY OF JACKSONVILLE
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
CONSTRUCTION CHANGE ORDER

Change Order No. One (1) Date November 2, 2024

Description of Project Emerald Trail Model Project Construction

Name of Contractor Astra Construction Services, LLC

Contractor's Address 300 Churchill Cout, Woodstock, Georgia 30188

Contract No. POA-71762-22 / PO641265-22

Account No. See attached Original Contract $7,754,400.00

Previous Change Orders N/A + Change Order No. 1 $1,066,632.03

*See attached appendix for additional listings.

TOTAL REVISED CONTRACT $8,821,032.03

Bid Number CP-0072-21

Construction Completion Date Project Completion

Revised Construction Completion Date

Contract Expiration Date Project Completion

Revised Contract Expiration Date

In compliance with General Conditions of above-referenced contract, CONTRACTOR and OWNER do both hereby agree that the CONTRACTOR shall make the following changes, additions or deletions to the Work specified in the plans and specifications: See attached. Add 60 non compensable calendar days to construction completion date.

Justification: See attached.

The Issuing Authority has looked over cost and pricing data for this change order and has determined that this change order is necessary and all costs are reasonable.

Accepted for Contractor Astra Construction Services, LLC

Signed _____ Attest _____

Title _____ Title _____

Date Date

Signed Construction Management By _____
Issuing Authority Thomas G. McKnight Date
Capital Improvement Construction Manager

Signed _____ By _____
Chief, Engineering & Construction Mgmt Div Date Div/Department Head
Date

Director of Public Works Date Assistant Counsel Date

Chief of Procurement Date Director of Finance Date

Corporation Secretary Date Mayor Date

ASTRA CONSTRUCTION SERVICES, LLC
EMERALD TRAIL MODEL PROJECT CONSTRUCTION
CONTRACT NO. 71178-21

CHANGE ORDER NO. 01
11/6/2024

NBR	MASTER ITEM DESCRIPTION	QUANTITY	UOM	UNIT COST	NET ADDITION	NET DELETION	TOTALS
	ADDED SCOPE OF WORK						
1	PCO#001 FIBER ADDED TO CONCRETE SIDEWALKS	7300.000	SY	$2.31	$16,863.00		**$16,863.00**
	JUSTIFICATION: The plans originally required a center sawcut joint for segments of trail with a width greater than 12' wide. The concern is that the straight sawcut joint will not line up with the center paint stripe at segments where the trail curves which will look visually unusual. The solution is to eliminate the center sawcut joint and add fiber mesh to the concrete to help eliminate cracking due to the increased sawcut joint spacing. The quantity includes 5" Concrete Sidewalk (6500 SY) and 6" Concrete Sidewalk (800 SY).						
2	PCO#003 FDOT TYPE B FENCING	1.000	LS	$6,377.80	$6,377.80		**$6,377.80**
	JUSTIFICATION: Plans indicate new fencing installation near Johnson St. & I-95, but the quantity was not captured in the bid tab. This includes labor, material, and equipment to install approximately 182 LF of FDOT Type B fencing.						
3	PCO#005 LOGAN ST & MINNIE ST INTERSECTION DRAINAGE IMPROVEMENTS	1.000	LS	$256,024.92	$256,024.92		**$256,024.92**
	JUSTIFICATION: During project construction, it was discovered that the existing conditions at the intersection of Logan Street and Minnie Street adjacent to the trail construction did not properly drain and would flood during rain events. This includes all labor, materials, and equipment to perform improvements to the intersection per Plan Revision #3 including but not limited to removing and replacing curbing, and roadway at elevations to allow for proper drainage from the interaction to existing drainage structures located at Eaverson Street.						
4	PCO#006 RAPID RECTANGULAR FLASHING BEACONS (RRFBs)	1.000	LS	$14,696.00	$14,696.00		**$14,696.00**
	JUSTIFICATION: During construction, City Traffic Engineering requested for a modification at the intersection of Church St. and Cleveland Rd. to include removing existing traffic signals and installing RRFBs to manage pedestrian traffic traversing the newly remodeled intersection. A specific RRFB model was requested and this additional cost is the difference between the bid model (R920) and the requested model (R920F).						
5	PCO#007 DRAINAGE STRUCTURE S-8 MODIFICATION	1.000	LS	$4,986.38	$4,986.38		**$4,986.38**
	JUSTIFICATION: Prior to the placement of the new inlet, it was noted that existing conditions caused ponding of rainwater in the area. RFI 17 was submitted regarding the issue with the response resulting in Plan Revision 4. The proposed inlet has been modified to a double throat to allow the standing water on Eaverson Street to better drain.						
6	PCO#012 HANDRAIL	1.000	LS	$194,736.17	$194,736.17		**$194,736.17**
	JUSTIFICATION: Upon further review of the Plans prior to ordering handrail, the Contractor noticed that the Plans did not capture all quantities of handrail on the project. Additionally, the types required per intended use were not clearly depicted on the Plans. Costs associated with this PCO include adjustment to both quantities and unit rates.						
7	PCO#013 LANDSCAPE REVISION - PLAN REVISION 6	1.000	LS	$12,964.60	$12,964.60		**$12,964.60**
	JUSTIFICATION: The Contractor was requested by the City of Jacksonville to perform additional work as per Plan Revision 6. The revisions include the installation of additional sod, plants, and trees as well as the relocation of water meters.						
8	PCO#014 POND WALKS AND OVERLOOK STRUCTURE	1.000	LS	$364,696.89	$364,696.89		**$364,696.89**
	JUSTIFICATION: The bid tab did not capture all quantities related to the pond walks and overlook structure depicted on the plans. The Contractor submitted a proposal for additional materials to construct the Pond Walks and Overlook Structure. Payment for this work includes actual costs for labor, equipment, materials, and allowable markup.						
9	PCO#015 TREE REMOVAL AT OVERLOOK STRUCTURE	1.000	LS	$16,475.40	$16,475.40		**$16,475.40**
	JUSTIFICATION: Pile driving operations at the overlook structure have been inhibited by existing oak trees due to clearance issues. Attempts were made to trim tree limbs in order to address the issues encountered but the contractor's equipment was unable to access the locations and as a result, two existing oak trees were required to be removed in order to continue pile driving operations.						
10	PCO#017 SIGNAL POLE MODIFICATION	1.000	LS	$24,844.59	$24,844.59		**$24,844.59**
	JUSTIFICATION: COJ Traffic Engineering and Groundwork Jacksonville requested a modification to the new traffic and pedestrian signals in front of the Prime Osborne Convention Center and along the Lee Street corridor to include removal of certain signal poles, lowering of signals, cutting and capping the excess pole height.						

NBR	MASTER ITEM DESCRIPTION	QUANTITY	UOM	UNIT COST	NET ADDITION	NET DELETION	TOTALS
11	PCO#018 TERRACE SEATING ADDITIONAL CONDUIT AND WEATHERPROOF JUNCTION BOXES	1.000	LS	$2,320.40	$2,320.40		**$2,320.40**
	JUSTIFICATION: The Contractor was requested to install additional conduit and weatherproof junction boxes at the terrace seating on the Park Street Bridge in order to prepare for future tape lighting in the seating area. RFIs 27, 40, and 63 relate to the type and location specifics for the junction boxes.						
12	PCO#020 EXTRA SIGNAL WORK AT INTERSECTIONS	1.000	LS	$18,550.40	$18,550.40		**$18,550.40**
	JUSTIFICATION: The Contractor was requested by the City of Jacksonville to perform additional work to modify the lighting and signalization at the intersections of Lee St and Bay St, Lee St and Forsyth St, and Lee St and Adams St.						
13	PCO#021 10-INCH OAK TREES	1.000	LS	$28,985.00	$28,985.00		**$28,985.00**
	JUSTIFICATION: The Contractor was requested to replace the two oak trees that had to be removed to complete pile driving operations at the Overlook Deck (see PCO #15 for removal details). The associated cost includes all labor, equipment, and material to procure and install the two new oak trees along with a 2-year warranty period.						
14	PCO#023 DECKING MODIFICATIONS	1.000	LS	$35,160.80	$35,160.80		**$35,160.80**
	JUSTIFICATION: After the Overlook deck was installed, it became apparent that open areas remained between the various deck elevations which will allow the public to gain access below the deck. In order to remove these access points, the EOR recommended, in the RFI #71 response, building a framed wall using the same material as the deck to cover the openings. The cost includes labor, equipment, and material to install the fascia.						
15	PCO#024 REPAIRING DAMAGED PEDESTRIAN POLES	1.000	LS	$7,592.20	$7,592.20		**$7,592.20**
	JUSTIFICATION: During construction, the Contractor was asked to perform additional work relating to the existing pedestrian signal pole on the northeast corner of Forsyth Street and Lee Street due to pre-existing damage. The pedestrian heads were damaged and the arms holding the pole were cracked. In order for the Subcontractor to run new signal wire through the arms to the heads, the damaged items needed to be replaced.						
	TOTAL ADDED SCOPE OF WORK						**$1,005,274.55**
	UNFORESEEN CONDITIONS						
1	PCO#004 STRUCTURE S-7 MODIFICATIONS	1.000	LS	$8,384.92	$8,384.92		**$8,384.92**
	JUSTIFICATION: The plans show to modify the new drainage structure S-7 at Monroe & Lee St. to accept an existing RCP as per plans; however, the existing RCP is 4-Inches below the new structure S-7. The EOR's recommendation is to lower structure S-7 to accept the existing RCP, core a hole in the side of S-7 to accept the existing RCP, the structure height can be adjusted using a riser. This includes the labor, material, and equipment to make this modification. (RFI 25)						
2	PCO#009 and PCO#011 OPEN TRENCH AND OPEN TRENCH BACKFILL	1.000	SY	$45,417.21	$45,417.21		**$45,417.21**
	JUSTIFICATION: The Contractor was unable to directional bore the irrigation and signalization conduit across Forsyth St., Lee St. and Bay St as indicated in the Plans due to congestion of subsurface utilities. Open cut trenches were utilized to install the conduit. The cost includes labor, material, and equipment needed to remove existing asphalt, excavate open trenches, install conduit, and backfill/compact. (RFI 43)						
3	PCO#019 FIBER OPTIC SPLICE FOR CONTROLLER CABINET	1.000	LS	$7,555.35	$7,555.35		**$7,555.35**
	JUSTIFICATION: An existing fiber optic cable servicing the existing traffic signal controller cabinet on the NW corner of Adams St. & Lee St. is not currently long enough to tie into the new traffic signals controller cabinet at the same location. AL&S has proposed to splice the existing fiber optic cable to add length in order to connect to the new traffic signal controller cabinet. The cost associated includes labor, equipment, and material necessary to perform the additional work.						
	TOTAL UNFORESEEN CONDITIONS						**$61,357.48**

SUBTOTAL CHANGE ORDER NO. 1	**$1,066,632.03**	**$0.00**	
NET TOTAL CHANGE ORDER NO. 1			**$1,066,632.03**
TOTAL TIME EXTENSION		0	**DAYS**

NBR	MASTER ITEM DESCRIPTION	QUANTITY	UOM	UNIT COST	NET ADDITION	NET DELETION	TOTALS

REJECTED REQUESTS

1 PCO#002 LANDSCAPE WARRANTY DONE BY CITY
JUSTIFICATION: Work was not performed

2 PCO#008 OVERLOOK STRUCTURE PILE SPLICING AND PDA
JUSTIFICATION: Denied due to FDOT Specifications requiring testing for each load/pile length

3 PCO#010 PLAN REVISION #5 ADDITIONAL WORK
JUSTIFICATION: Work was not performed

4 PCO#016 STEEL PLATES FOR OPEN TRENCH ACROSS FORSYTH & BAY
JUSTIFICATION: Denied due to Contractor means and methods. Steel plates would not have been necessary if different means and methods were used. COJ incurred cost for vibration monitoring during use of the steel plates due to property owner complaints

5 PCO#022 EXISTING ROADBASE AND LANDSCAPE CONFLICT - MEDIAN ISLAND LEE ST
JUSTIFICATION: Denied as Plan Note #4 on Sheet LP-101 requires base material to be removed

ACCOUNT NO.	PO626790-21 (M10, Inc. - chgd name to Astra)	PO 641265-22	PO 641265-22
	32111.153103.565050.010113.00000000.00000.0000000	32111.153101.565051.010113.00000000.00000.0000000	31115.153103.565051.010113.00000000.00000.0000000
P			
O			
E			
T			
A			
original contract	$127,856.73	$6,579,299.19	$711,895.17
C/O 1			
Account Totals	$127,856.73	$6,579,299.19	$711,895.17

ACCOUNT NO.	PO 641265-22	PO 641265-22	PO 641265-22
	15304.151004.549006.000000.00001315.00000.0000000	32111.153101.565051.008870.00000000.00000.0000000	32111.153119.565051.008870.00000000.00000.0000000
P			
O	PWOD Tree Mitigation & Related Expenses - Conservation and Resource Management		
E			
T			
A			
original contract	$335,348.91		
C/O 1		$799,213.10	$106,493.64
Account Totals	$335,348.91	$799,213.10	$106,493.64

ACCOUNT NO.	PO 641265-22	PO 641265-22	Contract Totals
	32111.167101.565051.008870.00000000.00000.0000000	32111.153004.565051.010113.00000000.00000.0000000	
P			
O			
E			
T			
A			
original contract			$7,754,400.00
C/O 1	$4,636.24	$156,289.05	$1,066,632.03
Account Totals	$4,636.24	$156,289.05	$8,821,032.03

Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

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 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 3 MEMBERS DISAPPROVING 0 DATE: 7/1/2021

Teresa R. Eibner OTHER:

Richard Reed

Tom M Wilson III

ACTION OF AWARDING AUTHORITY DATE 7/2/21

MR APPROVED ✓ BH DISAPPROVED

OTHER

SIGNATURE OF AUTHENTICATION Brian Hughes
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of:
Executive Order No: 2019-02

Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

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

Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

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

Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

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***

Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

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	

Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

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

Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

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

Docusign Envelope ID: 162F27CA-51C4-48B9-9C14-61761D437BD3

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.