BID SOLICITATION NOTICE – Turnpike FLORIDA DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MAINTENANCE PROGRAMS

October 09, 2020 Advertisement No. 2

Florida Turnpike Headquarters FL Turnpike MP 263, Building 5315 Ocoee, FL 34761

All bids must be completed using **Project Bids** software available on the Bid Express website at https://bidx.com/fl/main.

Unless otherwise stipulated in the proposal description, bids for all projects listed in this Bid Solicitation Notice must be submitted using Bid Express only. No other means of submission of bids will be accepted. Please visit the Contracts Administration Website at: http://www.fdot.gov/contracts/ for more information on Bid Express. Submitting bids through Bid Express requires a Digital ID. To obtain a Digital ID, please contact Bid Express at http://www.bidx.com. Allow up to 6 days to complete the Digital ID registration.

Bids for the projects in this Bid Solicitation Notice will be accepted by Bid Express until 02:30 PM Local Time on **Tuesday**, **December 15, 2020**.

Bid totals for each bid submitted will be read aloud for those present and will be available at 02:30 PM **December 15**, **2020** in the Turnpike Headquarters, Building 5315, Ocoee, Florida.. Agenda: a) Opening Remarks; b) 15 minutes of public input; c) Reading of bids; d) Closing. Anyone needing special accommodations under the Americans with Disabilities Act of 1990 should send an e-mail to: contracts.admin@dot.state.fl.us or call telephone number (407)264-3885. Special accommodation requests under the Americans with Disabilities Act should be made at least seven days prior to the public meeting. Bidders may obtain preliminary bid results at: https://fdotwp1.dot.state.fl.us/wTBidLetting/LettingMain, select district then click on appropriate date.

DEADLINE FOR PROPOSALS AND PROPOSAL HOLDERS LIST

The deadline for obtaining bid packages shall be 24 hours prior to the scheduled letting date and time. A list of plan holders may be obtained by visiting the District Contracts Administration website at: www.fdot.gov/contracts/tp, click "Letting and Project Information" and select letting date from the Lettings Menu. For compliance with Florida Statute 337.168(2), additional bidders and plan and specifications holders are not published beginning three working days prior to the letting.

----NOTE----

Proposals will not be issued after 02:30 PM Local Time on Monday, December 14, 2020.

Document Ordering Information

Orders for documents are placed using the Contract Proposal Processing Online Ordering System at https://fdotwp1.dot.state.fl.us/contractproposalprocessingonlineordering/. There is no charge for ordering/downloading documents. Online Ordering is available Monday through Friday from 6 AM. to 9 PM. and Saturday from 6 AM. to 7 PM.

To Place An Order

- A current State of Florida Vendor Number is required prior to first-time registration; please visit
 http://dms.myflorida.com/egovernment tools/myflorida marketplace
 for more information. Please allow 24 to 48 hours for receipt of a new vendor number.
- Prior to placing orders, an individual shall register and establish an Internet Subscriber Account with the
 Department of Transportation at https://fdotwp1.dot.state.fl.us/contractproposalprocessingonlineordering/.
 Please allow 48 to 72 hours (excluding weekends and holidays) for the registration and approval.

PREQUALIFICATION

Contractors must have a current certificate of qualification in accordance with Florida Statute 337.14(1) and Rule Chapter 14-22, Florida Administrative Code, on the date of the letting to bid on construction projects over \$250,000.00 as established by the Department's budget. Maintenance contracts do not require a contractor to have a certificate of

qualification, unless stipulated in the project description and specifications. If deemed necessary by the Department, certain maintenance contracts will contain specific requirements for maintenance contractor eligibility.

PREQUALIFIED CONTRACTORS CURRENT CAPACITY

In order for the Department to have the information required to determine a prequalified bidder's Current Capacity, it is necessary that the prequalified contractor certify the total dollar amount of all work the contractor has underway. This certification shall be accomplished electronically by submitting the Certification of Work Underway (Online Web Application) http://www.fdot.gov/contracts/PreQual_Info/prequalified.shtm to the Department every 30 calendar days.

CONFLICT OF INTEREST

A contractor who performs a constructability review on a design contract or who participates in a value engineering study workshop or cost risk analysis workshop, is prohibited from bidding on the construction of that contract.

SCRUTINIZED COMPANIES

A company that is on the Scrutinized Companies with Activities in Sudan List, is on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or is engaged in business operations in Syria, may not bid on, submit a proposal for, or enter into a contract with an agency or local government entity for goods or services of \$1 million or more.

A company that is on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel may not bid on, submit a proposal for, or enter into a contract with an agency or local government entity for goods or services.

BID REJECTION

Bidders are hereby notified that all bids on any of the following projects are likely to be rejected if the lowest responsive bid received exceeds the engineer's estimate by more than ten percent (10%). In the event any of the bids are rejected for this reason, the project may be deferred for re-advertising. In addition, award of all federally funded projects will be subject to Federal Highway Administration concurrence.

PROTEST RIGHTS

Pursuant to Section 120.57, Florida Statutes, any person adversely affected by a <u>bid solicitation</u> shall file both a notice of protest and bond within 72 hours after posting of the Bid Solicitation Notice, and shall file a formal written protest within ten days after filing the notice of protest. Any person who files a notice of protest as to a bid solicitation pursuant to this rule shall post with the Department, at the time of filing the notice of protest, a bond payable to the Department in the following amounts: For an action protesting a bid solicitation that requires qualification of bidders, the bond shall be \$5,000. For an action protesting a bid solicitation for which bidders are not required to be prequalified by the Department to be eligible to bid, the bond shall be \$2,500. The required notice of protest, bond and formal protest must each be timely filed with the Clerk of Agency Proceedings, Florida Department of Transportation, Mail Station 58, Room 550, 605 Suwannee Street, Tallahassee, Florida 32399-0458, FAX (850) 414-5264. Failure to file a protest within the time prescribed in Section 120.57(3), F.S., or failure to post the bond or other security required by law within the time allowed for the filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

Pursuant to Section 120.57, Florida Statutes, any person adversely affected by a <u>bid rejection or contract award</u> shall file both a notice of protest and bond within 72 hours after the posting of the Summary of Bids. If notice of intended decision is given by certified mail or express delivery, the adversely affected person must file both the notice of protest and bond within 72 hours after receipt of the notice of intent. A formal written protest must be filed within ten days after filing the notice of protest. Any person who files a notice of protest as to a bid rejection or contract award pursuant to this rule shall post with the Department, at the time of filing the notice of protest, a bond payable to the Department in the following amounts: For an action protesting a bid rejection or contract award that requires qualification of bidders, the Bond shall be equal to one percent of the lowest bid submitted or \$5,000, whichever is greater. For an action protesting a bid rejection or contract award for which bidders are not required to be prequalified by the Department to be eligible to bid, the bond shall be \$2,500. The required notice of protest, bond, and formal protest must each be timely filed with the Clerk of Agency Proceedings, Florida Department of Transportation, Mail Station 58, Room 550, 605 Suwannee Street,

Tallahassee, Florida 32399-0458, FAX (850) 414-5264. Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

A protest is not timely filed unless the notice of protest, bond, and the formal protest are each received by the Clerk of Agency Proceedings within the required time limits. A protest which is filed prematurely will be deemed abandoned unless timely renewed.

Interested parties can visit our Internet web site at http://www.fdot.gov/contracts/. Information regarding projects posted with the Clerk of Agency Proceedings, Proposal holders, Plan and Special Provisions holders, preliminary letting results, and other noteworthy information is provided on this website. Please note that, for compliance with Florida Statute 337.168(2), the Proposal holder and the Plan and Special Provision holder listings are not published beginning three working days prior to the letting until after the letting.

In the event multiple responsive bidders submit identical proposals (bids), the Department will determine the order in which proposals are to be considered for Contract award in accordance with Florida Laws, and any applicable Rules.

INSURANCE

The successful bidder shall submit current general liability insurance and workman's compensation insurance certificates for the duration of the contract in the dollar amounts and manner specified in the most current edition of the Department's Standard Specifications for Road and Bridge Construction. Insurance companies must be authorized to do business in the State of Florida. Proof of such insurance shall be filed with the District Contracts and Procurement Office before the contract can be executed. BE SURE THAT THE CONTRACT NUMBER IS ON EACH INSURANCE CERTIFICATE.

ADDENDA

No negotiations, decisions, or actions will be initiated or executed by a potential bidder as a result of any oral discussion with a State employee. Only those communications which are in writing from the Department will be considered as a duly authorized expression on behalf of the Department. Notices of changes (addenda) will be posted on the Districts Contracts Administration website at: www.fdot.gov/contracts/tp, click "Letting and Project Information" and select letting date from the Lettings Menu. It is the responsibility of all potential bidders to monitor this site for any changing information prior to submitting their bid. All addenda shall be acknowledged when submitting bids.

BID QUESTIONS

All work is to be done in accordance with the Plans, Specifications, and Special Provisions of State of Florida Department of Transportation. Direct questions regarding the advertised projects by posting them to the Department website at the following URL address: https://fdotwp1.dot.state.fl.us/BidQuestionsAndAnswers/Proposal.aspx/SearchProposal.

PROPOSAL GUARANTY

For bids over \$150,000.00, the standard proposal guaranty of 5% of the bid will be required, unless otherwise stipulated in the proposal advertisement. A Proposal Guaranty of not less than five percent (5%) of the total actual bid in the form of either a certified check, cashier's check, trust company treasurer's check, bank draft of any national or state bank, or a Surety Proposal Guaranty made payable to the Florida Department of Transportation must be received for each bid in excess of \$150,000.00. A check or draft in an amount less than five percent (5%) of the actual bid will invalidate the bid. The guaranty amount shall include all bid items except construction days for A+B bidding and lane closure for Lane Rental Bidding. Proposal Guaranty shall substantially conform to DOT Form 375-020-09 furnished with the Proposal. Surety2000 or SurePath electronic Proposal Guaranty submittal may be used in conjunction with Bid Express internet bid submittal. For more information please visit http://www.insurevision.com for SurePath. Paper Proposal Guaranty will also be accepted for bids submitted through Bid Express provided they are received prior to the deadline for receiving bids, by the location(s) identified in this Bid Solicitation Notice. If an electronic proposal guaranty is not being submitted, the bidder must submit an original proposal guaranty. (A fax or a copy sent as an attachment will not be accepted.)

EXECUTION OF CONTRACT

Pursuant to Subsections 3-6 and 3-7 of the Standard Specifications, the successful bidder shall execute the necessary contract documents and return the agreement along with a satisfactory Performance and Payment Bond within ten (10) Calendar days of award, excluding Saturdays, Sundays, and state holidays, unless noted otherwise in the project specifications. A 100% Payment and Performance Bond will be required for all projects unless noted otherwise in the

project specifications. All work is to be done in accordance with the Plans, special Provisions of the State of Florida Department of Transportation.

Prior to execution of the contract with the Department, a corporation must show proof that it is authorized to do business in the State of Florida. Florida corporations should provide a copy of the certificate of Incorporation and foreign corporations should provide a copy of Certificate of Authority from the Florida Department of State.

Important Note: Actual commitment and final execution of the contract is contingent upon an approved legislative budget and funds availability.

DBE PARTICIPATION

Disadvantaged Business Enterprise (DBE) Availability Goal Information is contained in the Bid Solicitation Package. DBE Participation and Bidder Opportunity List for Prime Contractors shall be reported in the **Equal Opportunity Compliance** (**EOC**) system no later than 3 business days of submission of the bid. The EOC system is a web based application for Prime Contractors, statewide, to report their Bidder Opportunity List, DBE Commitments, and DBE/MBE Subpayments. Complete and submit the DBE Participation (i.e. DBE Commitments) and Bid Opportunity List in the EOC.

More information regarding EOC can be referenced at: https://www.fdot.gov/equalopportunity/eoc.shtm

DEBARMENT/SUSPENSION

All bids submitted to the Department shall include a statement that by signing and submitting this proposal, the bidder certifies that no principal (which includes officers, directors or executives) is presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any federal department or agency.

MANDATORY PRE-BID CONFERENCE

For projects with mandatory Pre-Bid Meeting, proposals (BIDDING DOCUMENTS) will be issued only to the attendees of the meeting. Prospective bidders ordering bidding documents prior to the Pre-Bid Meeting will be given access to download the bidding documents within 24 hours after the Pre-Bid Meeting. Those prospective bidders ordering the documents after the Pre-Bid Meeting will need to contact the office advertising the project to confirm attendance and receive access to download the bidding documents. Please contact the office at least two working days prior to the deadline for obtaining bidding documents to allow time for processing.

LATE ARRIVALS TO MANDATORY PRE-BID MEETINGS

All bidders must be present and signed in prior to the start of the mandatory pre-bid meeting. Anyone not signed in at the commencement of the meeting will be considered late and will not be allowed to bid on the project.

FIRST TIME BIDDERS

Bidders bidding for the first time with the Department can access the New Bidder's Orientation document at: https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/contracts/new-bidders-orientation.pdf?sfvrsn=aef131ae 2

POSTING NOTICE

The bid tabulation and intent to award will be posted on **December 29, 2020** or **January 12, 2021** at www.fdot.gov/contracts/tp, click the "Letting and Project Information" and select letting date from the Listings Menu. The posting provides notice of the Department's intent to award a contract or reject all bids. The Department's Notice of Intent regarding a project will be posted on only one of the alternate posting dates. Bidders are solely responsible for timely monitoring or otherwise verifying on which of the specified alternate posting dates the posting of award or rejection of all bids actually occurs.

If the posting dates are revised, all bidders for the subject project will be notified.

AFFIRMATIVE ACTION (EQUAL EMPLOYMENT OPPORTUNITY)

The Florida Department of Transportation (hereinafter referred to as the "Department"), in accordance with **Title VI of the Civil Rights Act of 1964, 42 USC 2000d to 2000d-4 and related authorities, Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation issued pursuant to such Act, hereby notifies all bidders that the Department will affirmatively insure that in any contract entered into pursuant to this advertisement, minority and disadvantaged business enterprises will be afforded the full opportunity to submit bids in response to this invitation and will not be discriminated against on the basis of race, color, national origin, or sex in consideration for an award. Further, it is the policy of the Department to not discriminate against bidders on the grounds of race, color, national origin, religion, sex, age, or disability/handicap in consideration for an award. A bidder must have an approved DBE Affirmative Action (DBE/AA) Plan prior to contract award. Please use the following link https://www.fdot.gov/contracts/cpp-online-ordering/bidder-assist.shtm, Standard Specifications for Road and Bridge Construction and the Special Provisions for instructions for submission of a DBE/AA Plan. The DBE/AA Plan should be submitted for approval prior to the bidding.**

MINIMUM WAGE

The minimum wage for all hours worked in Florida is available at http://www.floridajobs.org.

EMAIL SUBSCRIPTION LIST

To get on the e-mail subscription list, go to http://fdotwp1.dot.state.fl.us/reportsubscriptions/ and fill out the necessary information to "Subscribe". To obtain information concerning other districts, go to http://www.fdot.gov/contracts/distco.shtm.

NOTICE TO ALL BIDDERS

To report bid rigging activities call: 1-800-424-9071

The U.S. Department of Transportation (DOT) operates the above toll-free "hotline" Monday through Friday, 8:00 A.M. to 5:00 P.M. Local Time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the "hotline" to report such activities. The "hotline" is part of the DOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

By submitting a bid, the contractor/consultant/vendor agrees to comply with section 20.055(5). Florida Statute, and to incorporate in all subcontracts the obligation to comply with section 20.055(5) Florida Statute.

Florida Department of Transportation Notice to Contractors Index

Published: October 09, 2020

Letting ID: 08201215

Please use the following proposal ID and the letting ID when ordering plans/proposal or specifications for the December 15, 2020 letting.

Page Number	Proposal Id	Proposal Notes	Fin Proj Numbers	County
7	E8S51		44085715201(*)	POLK

Proposal Note Codes:

Florida Department of Transportation Bid Solicitation Notice and Approximate Quantities

Letting: 08201215 Call Order: 003 Proposal: E8S51 District:08

Counties: POLK

Road Name: ALL ELECTRONIC TOLL (AET) CONVERSION - POLK PKWY

Limits: 16470000

Project(s): 44085715201(*) Federal Aid No: N/A

Total Roadway Length:60.785 MilesContract Days:1086Total Bridge Length:0.122 MilesLetting Date:12/15/20

Total Proposal Length: 60.907 Miles Contract Execution Days: 10

Special Start Date: N/A

Aquis/Flexible Start Time: 60

Proposal Budget Estimate: \$34,368,351.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for the converting of the Polk Parkway (SR 570) to an All Electronic Tolling (AET) facility in Polk County. The project limits are between mileposts0 to 18. The project consists of replacing the existing mainline toll plazas to new AET gantries and the existing ramps will be converted to AET Lite. Work includes roadway, drainage, ITS, lighting and signing and pavement marking associated with the AET conversions. No Pre-Bid Conference. Contractor must be pregualified.

The summary of pay items for this project is listed in the Plans.

		Can Order. 003 Troposai. E0031		
ALT	Item	Description	Unit	Quantity
Section	n 0001 Structures			
	0458- 1-21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD	LF	105.000
	0458- 1-22	BRIDGE DECK EXPANSION JOINT, REHABILITATION, STRIP SEAL	LF	192.000
Section	n 0002 Roadway			
	0101- 1-	MOBILIZATION (44085715201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44085715201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (44085715201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (44085715201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	1,080.000
	0102- 60-	WORK ZONE SIGN	ED	100,822.000
	0102- 62-	BARRIER MOUNTED WORK ZONE SIGN- INDEX 11871/700-013	ED	1,600.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	903.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	2,020.000
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	23,461.000
	0102- 71- 26	TEMPORARY BARRIER, RELOCATE, FREE STANDING	LF	14,986.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	201,122.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	1,200.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	352.000
	0102- 78-	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER	EA	28,051.000
	0102-89-1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	36.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	4,325.000
	0102-115-	TYPE III BARRICADE	ED	1,603.000

ALT	Item	Description	Unit	Quantity
	0104- 10- 3	SEDIMENT BARRIER	LF	64,404.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	219.000
	0107- 1-	LITTER REMOVAL	AC	1,031.950
	0107- 2-	MOWING	AC	816.260
	0110- 1- 1	CLEARING & GRUBBING (44085715201)	LS	1.000
	0110- 2- 2	SELECTIVE CLEARING AND GRUBBING, AREAS WITH TREES TO REMAIN	AC	6.660
	0110- 4-10	REMOVAL OF EXISTING CONCRETE	SY	21,456.000
	0110- 21-	TREE PROTECTION BARRIER	LF	33,015.000
	0110- 22-	TREE ROOT AND BRANCH PRUNING	EA	449.000
	0110- 23-	TREE REMOVAL	EA	9.000
	0120- 1-	REGULAR EXCAVATION	CY	39,236.200
	0120- 4-	SUBSOIL EXCAVATION	CY	704.100
	0120- 6-	EMBANKMENT	CY	12,647.800
	0120- 74-	SURCHARGE EMBANKMENT	CY	9,301.200
	0141- 70-	SETTLEMENT PLATE ASSEMBLY	AS	10.000
	0144- 1- 1	DIGITAL INCLINOMETER CASING, VERTICAL	LF	110.000
	0145- 2-	GEOSYNTHETIC REINFORCED FOUNDATION OVER SOFT SOIL	SY	2,634.000
	0160- 4-	TYPE B STABILIZATION	SY	47,077.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	20,355.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	20,359.000
	0285-711-	OPTIONAL BASE, BASE GROUP 11	SY	3,266.000
	0327- 70- 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	27,331.000
	0327-70-6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	66,567.000
	0327- 70- 7	MILLING EXIST ASPH PAVT, 4" AVG DEPTH	SY	11,861.000
	0327- 70- 11	MILLING EXIST ASPH PAVT, 2 1/4" AVG DEPTH	SY	3,467.000
	0327- 70- 19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	SY	15,630.000
	0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	16,876.000
	0327- 70- 22	MILLING EXISTING ASPHALT PAVEMENT, 4 1/4" AVG DEPTH	SY	40,252.000
	0334- 1-11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A	TN	2,790.600
	0334- 1-12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	3,247.800
	0334- 1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	9,954.400
	0334- 1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	TN	4,928.700
	0334- 1-52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG76-22	TN	1,044.500
	0334- 1-53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	4,726.200
	0334- 1-54	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC D, PG76-22	TN	2,392.500
	0337- 7-25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	3,349.900
	0337- 7-81	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC B, FC-12.5, PG 76-22	TN	6,583.800
	0337- 7-83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	183.300
	0337- 7-85	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC D, FC-12.5, PG 76-22	TN	86.200
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	393.700
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	12.000
	0425- 1-543	INLETS, DITCH BOTTOM, TYPE D, J BOT, <10'	EA	1.000

		Can Craci. 005 Troposai. 20051		
ALT	Item	Description	Unit	Quantity
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	3.000
	0425- 1-703	INLETS, GUTTER, TYPE S, J BOTTOM <10'	EA	1.000
	0425- 2-61	MANHOLES, P-8, <10'	EA	3.000
	0430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	16.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	416.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	72.000
	0430-175-242	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 42"S/CD	LF	29.000
	0442- 70-	VERTICAL DRAINAGE WICKS	LF	13,280.000
	0520- 1-10	CONCRETE CURB & GUTTER, TYPE F	LF	1,158.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	1,184.000
	0521- 1-11	MEDIAN CONCRETE BARRIER, 38" HEIGHT	LF	666.000
	0521- 1-12	MEDIAN CONCRETE BARRIER, SHORT GRADE-SEPARATED	LF	72.000
	0521- 1-13	MEDIAN CONCRETE BARRIER, TALL GRADE-SEPARATED	LF	182.000
	0521- 1-14	MEDIAN CONCRETE BARRIER, VARIABLE SECTION WIDTH FOR SIGN OR PIER SHIELDING	LF	328.000
	0521- 72- 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	LF	156.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	3,457.000
	0536- 1- 3	GUARDRAIL- ROADWAY, DOUBLE FACE	LF	4,909.000
	0536- 8-13	APPROACH TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, TL-3	EA	6.000
	0536- 73-	GUARDRAIL REMOVAL	LF	3,375.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	7.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	9.000
	0536- 85- 27	GUARDRAIL END TREATMENT- DOUBLE FACE APPROACH TERMINAL	EA	1.000
	0536- 85- 29	GUARDRAIL END TREATMENT- DOUBLE FACE TRAILING ANCHORAGE	EA	2.000
	0538- 1-	GUARDRAIL RESET	LF	106.000
	0544- 3- 1	CRASH CUSHION, TL-3, NARROW	EA	1.000
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	9.257
	0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	596.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	193,957.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	18.512
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	1.174
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	1.863
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	22.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	8.332
	0710- 11-203	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 12"	GM	0.443
	0999- 16-	PARTNERING, DO NOT BID (44085715201)	LS	1.000
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	11.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	2.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44085715201)	LS	1.000

	Can Order: 003 Troposai. E0031		
ALT Item	Description	Unit	Quantity
Section 0003 Signing			
0630- 2-16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	337.000
0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	5.000
0700- 1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	8.000
0700- 1-12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	43.000
0700- 1-13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	72.000
0700- 1-21	SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871/700-013 UP TO 12 SF	AS	25.000
0700- 1-60	SINGLE POST SIGN, REMOVE	AS	147.000
0700- 2-15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	12.000
0700- 2-16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	40.000
0700- 2-17	MULTI- POST SIGN, F&I GROUND MOUNT, 201-300 SF	AS	1.000
0700- 2-18	MULTI- POST SIGN, F&I GROUND MOUNT, 301-400 SF	AS	8.000
0700- 2-60	MULTI- POST SIGN, REMOVE	AS	90.000
0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	24.000
0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA	17.000
0700- 3-205	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF	EA	1.000
0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA	18.000
0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	6.000
0700- 3-208	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 301-400 SF	EA	5.000
0700- 3-209	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 401-500 SF	EA	7.000
0700- 3-210	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 501-600 SF	EA	3.000
0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	48.000
0700- 3-602	SIGN PANEL, REMOVE, 12-20 SF	EA	7.000
0700- 3-603	SIGN PANEL, REMOVE, 21-30 SF	EA	7.000
0700- 3-605	SIGN PANEL, REMOVE, 51-100 SF	EA	1.000
0700- 3-606	SIGN PANEL, REMOVE, 101-200 SF	EA	8.000
0700- 3-607	SIGN PANEL, REMOVE, 201-300 SF	EA	3.000
0700- 3-608	SIGN PANEL, REMOVE, 301-400 SF	EA	1.000
0700- 3-625	SIGN PANEL, REMOVE, 51-100 SF WITH LIGHTING	EA	6.000
0700- 3-626	SIGN PANEL, REMOVE, 101-200 SF WITH LIGHTING	EA	23.000
0700- 3-627	SIGN PANEL, REMOVE PANEL, 201-300 SF WITH LIGHTING	EA	11.000
0700- 3-628	SIGN PANEL, REMOVE PANEL, 301-400 SF WITH LIGHTING	EA	2.000
0700- 3-629	SIGN PANEL, REMOVE PANEL, 401-500 SF WITH LIGHTING	EA	3.000
0700- 4-112	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT	EA	2.000
0700- 4-113	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 31-40 FT	EA	3.000
0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	18.000
0700- 4-125	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 51-100 FT	EA	1.000
0700- 4-126	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 101-150 FT	EA	1.000
0700- 4-610	OVERHEAD STATIC SIGN STRUCTURE, REMOVE CANTILEVER	EA	11.000
0700- 4-620	OVERHEAD STATIC SIGN STRUCTURE, REMOVE SPAN	EA	8.000

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ALT	Item	Description	Unit	Quantity		
	0700- 4-640	OVERHEAD STATIC SIGN STRUCTURE, REMOVE BRIDGE MOUNT	EA	16.000		
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	2.000		
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	336.000		
	0705- 11-113	DELINEATOR, FLEXIBLE HIGH PERFORMANCE 36" MANAGED LANES- EXPRESS LANE MARKER, PROJECT 440857-1-52-01	EA	241.000		
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44085715201)	LS	1.000		
	0711- 11-102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	GM	0.734		
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	1.222		
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	528.000		
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	2,966.000		
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	168.000		
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.002		
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	5.000		
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	55.000		
	0711- 11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF	50.000		
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	365.000		
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	2.000		
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	7.034		
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	5.653		
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	6.475		
	0711- 15-231	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SKIP, 6"	GM	0.296		
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	4.602		
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.570		
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	3.713		
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	2.234		
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	2.229		
	0715- 1-12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	1,011.000		
	0715- 1-60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	1,578.000		
Section 0004 Lighting						
	0630- 2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	22,222.000		
	0630- 2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,081.000		
	0630- 2-16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	171.000		
	0635- 2-11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	173.000		

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ALT	Item	Description	Unit	Quantity
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	1.000
	0715- 1-12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	94,111.000
	0715- 1-13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	41,647.000
	0715- 1-60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	162,628.000
	0715- 4-13	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT	EA	30.000
	0715- 4-14	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT	EA	103.000
	0715- 4-70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	124.000
	0715- 7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	1.000
	0715- 7-21	LOAD CENTER, REWORK, SECONDARY VOLTAGE	EA	2.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	133.000
Section	n 0005 Architect	ural		
	0110- 1- 1	CLEARING & GRUBBING (44085715201)	LS	1.000
	0110- 4-10	REMOVAL OF EXISTING CONCRETE	SY	7,560.000
	0110-86-5	DELIVERY OF SALVAGEABLE MATERIAL- GENERATOR AND TOLL EQUIPMENT, PROJECT 440857-1-52-01 (44085715201)	LS	1.000
	0121- 70- 11	FLOWABLE FILL, TUNNEL FILLING, PROJECT 440857-1-52-01	CY	2,812.500
	0400- 2- 8	CONCRETE CLASS II, BULKHEAD	CY	11.900
	0519- 78-	BOLLARDS	EA	60.000
	0520- 2-103	CONCRETE CURB, TOLL HEADER CURB, PROJECT 440857-1-52-01	LF	600.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	9.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	602.000
	0630- 2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	2,535.000
	0630- 2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	3,632.000
	0635- 2-105	PULL & SPLICE BOX, F&I, 24" X 36", PROJECT 440857-1-52-01	EA	6.000
	0635- 2-106	PULL & SPLICE BOX, F&I, 30" X 48", PROJECT 440857-1-52-01	EA	54.000
	0635- 2-107	PULL & SPLICE BOX, F&I, 12" X 12", PROJECT 440857-1-52-01	EA	12.000
	0639- 5-20	EMERGENCY GENERATOR- PERMANENT, 50 KW, PROJECT 440857-1-52-01	EA	3.000
	0735- 1- 3	TOLL GANTRY, ACCESSIBLE, FURNISH AND INSTALL, SPAN, 151-200', PROJECT 440857-1-52-01	EA	3.000
	0735- 74- 1	TOLL PLAZA, LOCATION 1 (44085715201)	LS	1.000
	0735- 74- 2	TOLL PLAZA, LOCATION 2 (44085715201)	LS	1.000
	0735- 74- 3	TOLL PLAZA, LOCATION 3 (44085715201)	LS	1.000
	0735- 88- 1	TOLL PLAZA MODIFY EXISTING, LOCATION 1 (44085715201)	LS	1.000
	0735-88-2	TOLL PLAZA MODIFY EXISTING, LOCATION 2 (44085715201)	LS	1.000
	0735-88-3	TOLL PLAZA MODIFY EXISTING, LOCATION 3 (44085715201)	LS	1.000
	0735-88-4	TOLL PLAZA MODIFY EXISTING, LOCATION 4 (44085715201)	LS	1.000
	0735-88-5	TOLL PLAZA MODIFY EXISTING, LOCATION 5 (44085715201)	LS	1.000
	0735-88-6	TOLL PLAZA MODIFY EXISTING, LOCATION 6 (44085715201)	LS	1.000
	0735-88-7	TOLL PLAZA MODIFY EXISTING, LOCATION 7 (44085715201)	LS	1.000

ALT	Item	Description	Unit	Quantity
	0735-88-9	TOLL PLAZA MODIFY EXISTING, LOCATION 9 (44085715201)	LS	1.000
	0735- 88- 10	TOLL PLAZA MODIFY EXISTING, LOCATION 10 (44085715201)	LS	1.000
	0735- 88- 11	TOLL PLAZA MODIFY EXISTING, LOCATION 11 (44085715201)	LS	1.000
	0735- 88- 12	TOLL PLAZA MODIFY EXISTING, LOCATION 12 (44085715201)	LS	1.000
	0735- 88- 13	TOLL PLAZA MODIFY EXISTING, LOCATION 13 (44085715201)	LS	1.000
	0751- 2-100	ARCHITECTURAL - ELECTRICAL/POWER, TOLL SITE LOCATION, PROJECT 440857-1-52-01 (44085715201)	LS	1.000
	0751- 11- 25	ARCHITECTURAL- SPECIAL, SCREEN WALL, PROJECT 440857-1-52-01	SF	294.000
	1050- 16-002	UTILITY PIPE, REMOVE & DISPOSE, 2-4.9"	LF	5,780.000
	1050- 16-003	UTILITY PIPE, REMOVE & DISPOSE, 5-7.9"	LF	772.000
	1050- 16-004	UTILITY PIPE, REMOVE & DISPOSE, 8-19.9"	LF	99.000
	1050- 18-002	UTILITY PIPE,PLUG & PLACE OUT OF SERVICE, 2- 4.9"	LF	2,650.000
	1050- 18-003	UTILITY PIPE,PLUG & PLACE OUT OF SERVICE, 5- 7.9"	LF	1,710.000
	1050- 18-004	UTILITY PIPE,PLUG & PLACE OUT OF SERVICE, 8-19.9"	LF	1,361.000
	1501- 1-	LIFT STATION, SANITARY SEWER	EA	9.000
	1720-900-	TRANSFORMER, REMOVE	EA	1.000
Sectio	n 0006 Intelligent	Transportation System		
	0630- 2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,208.000
	0630- 2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	6,316.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	9,315.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	12,735.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	100.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	19,268.000
	0633- 2-31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	944.000
	0633- 3-12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	71.000
	0633- 3-13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	432.000
	0633- 3-16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	7.000
	0633- 3-17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	34.000
	0635- 2-11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	4.000
	0635- 2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	12.000