BID SOLICITATION NOTICE – District 4 FLORIDA DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MAINTENANCE PROGRAMS

Ft. Lauderdale, FL July 05, 2023 Advertisement No. 1

FDOT District 4- Office of Procurement 3400 W. Commercial Blvd. Ft. Lauderdale, FL 33309

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 10:30 AM Local Time on Friday, August 04, 2023.

Bid totals for each bid submitted will be read aloud for those present and will be available at 10:30 AM August 04, 2023 in the Procurement Office, 1st Floor, District Four Headquarters, Ft. Lauderdale, 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 (954)777-4612. 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/d4, 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 10:30 AM Local Time on Thursday, August 03, 2023.

Document Ordering Information

Orders for documents are placed using the Contract Proposal Processing Online Ordering System at CPP.Web (fdot.gov). 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 **bid rejection or contract award** 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.

IDENTICAL BIDS

After consideration in accordance with Article 3-1 of the Standard Specifications for Road and Bridge Construction, or as amended by the project Specifications Package or any Supplemental Specifications Packages, if it is determined that multiple responsive bidders submit identical proposals (bids), the Department will determine the order in which proposals are to be considered for Contract award by means of a random selection: coin toss or drawing of lots. The method used to determine the order in which proposals are to be considered for Contract award shall be announced at the beginning of the public meeting held for the purpose described herein.

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/d4, 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 will be acknowledged by signature and subsequent submission of addenda with the bid when so stated in the addenda.

BID QUESTIONS

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.aspx/

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 Tinubu Surety Solution electronic Proposal Guaranty submittal may be used in conjunction with Bid Express internet bid submittal. For more information, please visit https://www.tinubu.com for Tinubu Surety Solution. 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 August 29, 2023 or September 05, 2023 at www.fdot.gov/contracts/d4, 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 https://www.fdot.gov/contracts/district-offices/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: July 05, 2023

Letting ID: 04230804

Please use the following proposal ID and the letting ID when ordering plans/proposal or specifications for the August 04, 2023 letting.

| Page Number | Proposal Id | Proposal Notes | Fin Proj Numbers | County |
|-------------|-------------|----------------|------------------|------------|
| 3 | E4W61 | | 44610415201(*) | PALM BEACH |
| 7 | E4W81 | | 43633935201(*) | BROWARD |

Proposal Note Codes:

Florida Department of Transportation Bid Solicitation Notice and Approximate Quantities

Letting: 04230804 Call Order: 001 Proposal: E4W61 District:04

Counties: PALM BEACH

Road Name: SR-802/LAKE AVE/LUCERNE AVE

Limits: 93180000

Project(s): 44610415201(*) Federal Aid No: N/A

Total Roadway Length: 2.401 Miles Contract Days: 287

Total Bridge Length: 0.000 Miles Letting Date: 08/04/23

Total Proposal Length: 2.401 Miles Contract Execution Days: 10

Special Start Date: N/A
Aguis/Flexible Start Time: 70

Aquis/Flexible Start Time:

Proposal Budget Estimate: \$4,620,419.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of, but are not limited to, MOT (standard, traffic control officer, temporary signalization and maintenance, temporary traffic detection and maintenance), environmental (sediment barrier, inlet protection), monitor existing structures (inspection, settlement, vibration), concrete (removal, curb, curb and gutter, sidewalk, driveways), asphalt (milling, resurfacing), pavers (remove, reinstall), pavement markings (detectable, painted, thermoplastic, bike lane), signing (single-post, panel, enhanced sign F&I, enhanced sign removal, retroreflective sign strip, tubular marker, raised marker), lighting (conductors, cable distribution system, pole complete F&I/relocate/remove), signalization (signal cable new, signal cable repair, aluminum pole pedestal, aluminum pole removal, signal backplate retrofit, pedestrian signal, pedestrian detector, loop detector, ITS CCTV), guardrail (removal, roadway, deep post, transition, end treatment), conduit, pull/splice box, drainage (inlets, pipe culvert, trench drain), utilities (manhole adjustment), tree (root and branch pruning, tree well restoration), and sod along State Road 802 (Lucerne Avenue/Lake Avenue) from east of A Street to east of Golfview Road for 2.382 miles in the City of Lake Worth Beach, Palm Beach County.

PRE-QUALIFIED: Contractor needs to be pre-qualified.

PERFORMANCE BOND: A Contract / Performance bond is required for this project.

PLEASE READ STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FY2023-24 (SECTION 7-13) FOR INSURANCE LIMITS

Funds Approval for Fiscal Year 2024 is contingent upon Annual Legislative appropriation.

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|---------|--------------|--|------|------------|
| ALT | Item | Description | Unit | Quantity |
| Section | 0001 Roadway | | | |
| | 0101- 1- | MOBILIZATION (44610415201) | LS | 1.000 |
| | 0102- 1- | MAINTENANCE OF TRAFFIC (44610415201) | LS | 1.000 |
| | 0102- 14- | TRAFFIC CONTROL OFFICER | HR | 376.000 |
| | 0102- 60- | WORK ZONE SIGN | ED | 15,597.000 |
| | 0102-71-13 | TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE | LF | 349.000 |
| | 0102-71-23 | TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE | LF | 192.000 |
| | 0102-74- 1 | CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD | ED | 13,545.000 |
| | 0102- 74- 8 | CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE) | FD | 3,228.000 |
| | 0102- 76- | ARROW BOARD / ADVANCE WARNING ARROW PANEL | ED | 1,120.000 |
| | 0102- 99- | PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY | ED | 634.000 |
| | 0102-104- | TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION | ED | 1,148.000 |

| ALT | Item | Description | Unit | Quantity |
|-----|--------------|--|------|------------|
| | 0102-107- 1 | TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION | ED | 1,148.000 |
| | 0102-115- | TYPE III BARRICADE | ED | 620.000 |
| | 0104- 10- 3 | SEDIMENT BARRIER | LF | 371.000 |
| | 0104- 18- | INLET PROTECTION SYSTEM | EA | 165.000 |
| | 0107- 1- | LITTER REMOVAL | AC | 98.480 |
| | 0107- 2- | MOWING | AC | 7.200 |
| | 0108- 1- | MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44610415201) | LS | 1.000 |
| | 0108- 2- | MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (44610415201) | LS | 1.000 |
| | 0110- 1- 1 | CLEARING & GRUBBING (44610415201) | LS | 1.000 |
| | 0110- 4-10 | REMOVAL OF EXISTING CONCRETE | SY | 2,825.000 |
| | 0110- 22- | TREE ROOT AND BRANCH PRUNING | EA | 111.000 |
| | 0327- 70- 12 | MILLING EXISTING ASPHALT PAVEMENT, 1 1/4" AVG DEPTH | SY | 50,076.000 |
| | 0337- 7-82 | ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22 | TN | 3,442.700 |
| | 0415- 1- 1 | REINFORCING STEEL- ROADWAY | LB | 2,676.000 |
| | 0425- 1-351 | INLETS, CURB, TYPE P-5, <10' | EA | 1.000 |
| | 0425- 1-361 | INLETS, CURB, TYPE P-6, <10' | EA | 2.000 |
| | 0425- 1-521 | INLETS, DT BOT, TYPE C,<10' | EA | 1.000 |
| | 0425- 1-533 | INLETS, DITCH BOTTOM TYPE C MODIFIED- BACK OF SIDEWALK, J BOT, $<$ 10' | EA | 1.000 |
| | 0425- 5- | MANHOLE, ADJUST | EA | 67.000 |
| | 0430-175-115 | PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD | LF | 18.000 |
| | 0430-175-118 | PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD | LF | 73.000 |
| | 0436- 1- 1 | TRENCH DRAIN, STANDARD | LF | 98.000 |
| | 0520- 1-10 | CONCRETE CURB & GUTTER, TYPE F | LF | 2,865.000 |
| | 0520- 2- 4 | CONCRETE CURB, TYPE D | LF | 283.000 |
| | 0522- 1- | CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK | SY | 277.000 |
| | 0522- 2- | CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK | SY | 2,351.000 |
| | 0526- 1-101 | PAVERS, ARCHITECTURAL, REMOVE EXISTING AND REINSTALL | SY | 672.000 |
| | 0527- 2- | DETECTABLE WARNINGS | SF | 1,791.000 |
| | 0536- 1- 1 | GUARDRAIL -ROADWAY, GENERAL TL-3 | LF | 361.000 |
| | 0536- 7- 1 | SPECIAL GUARDRAIL POST- DEEP POST FOR SLOPE BREAK CONDITION- TIMBER OR STEEL | EA | 57.000 |
| | 0536- 8-122 | GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I-INDEX 536-002, APPROACH TL-3 | EA | 1.000 |
| | 0536- 8-123 | GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I-INDEX 536-002, TRAILING | EA | 1.000 |
| | 0536- 73- | GUARDRAIL REMOVAL | LF | 261.000 |
| | 0536- 85- 20 | GUARDRAIL END TREATMENT- TRAILING ANCHORAGE | EA | 1.000 |
| | 0536- 85- 24 | GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL | EA | 1.000 |
| | 0570- 1- 2 | PERFORMANCE TURF, SOD | SY | 289.000 |
| | 0580- 12- 50 | LANDSCAPE- TREE WELL SYSTEM RESTORATION (44610415201) | LS | 1.000 |
| | 0710- 11-101 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6" | GM | 0.254 |
| | 0710- 11-201 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6" | GM | 0.131 |

| | | Can Order: 001 Troposal. L4W01 | | |
|--------|-----------------|---|------|-----------|
| ALT | Item | Description | Unit | Quantity |
| | 0751- 38- 50 | BENCH, RELOCATE | EA | 26.000 |
| | 0999- 16- | PARTNERING, DO NOT BID (44610415201) | LS | 1.000 |
| | 0999- 25- | INITIAL CONTINGENCY AMOUNT, DO NOT BID | LS | 1.000 |
| Sectio | n 0002 Signing | | | |
| | 0700- 1-11 | SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF | AS | 145.000 |
| | 0700- 1-12 | SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF | AS | 109.000 |
| | 0700- 1-13 | SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF | AS | 4.000 |
| | 0700- 1-60 | SINGLE POST SIGN, REMOVE | AS | 187.000 |
| | 0700- 3-101 | SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF | EA | 4.000 |
| | 0700- 3-501 | SIGN PANEL, RELOCATE, UP TO 12 SF | EA | 1.000 |
| | 0700- 3-601 | SIGN PANEL, REMOVE, UP TO 12 SF | EA | 4.000 |
| | 0700- 13- 15 | RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5' | EA | 221.000 |
| | 0700-141-111 | ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, W/BEACON, UP TO 12 SF OF STATIC SIGN PANELS | EA | 2.000 |
| | 0700-141-902 | ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, REMOVE - GROUND MOUNT | EA | 2.000 |
| | 0704- 1- 1 | TUBULAR MARKER, DURABLE, 36" WHITE POST | EA | 10.000 |
| | 0706- 1- 3 | RAISED PAVEMENT MARKER, TYPE B | EA | 1,712.000 |
| | 0710- 12-290 | PAINTED PAVEMENT MARKINGS, DURABLE PAINT, YELLOW, ISLAND NOSE | SF | 39.000 |
| | 0710- 90- | PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44610415201) | LS | 1.000 |
| | 0711- 11-123 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT | LF | 7,994.000 |
| | 0711- 11-124 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS | LF | 2,969.000 |
| | 0711- 11-125 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK | LF | 835.000 |
| | 0711- 11-141 | THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6" | GM | 0.424 |
| | 0711- 11-160 | THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL | EA | 13.000 |
| | 0711- 11-170 | THERMOPLASTIC, STANDARD, WHITE, ARROW | EA | 46.000 |
| | 0711- 11-224 | THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON | LF | 280.000 |
| | 0711- 11-421 | THERMOPLASTIC, STANDARD, BLUE, SOLID,6" | LF | 168.000 |
| | 0711- 14-125 | THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK | LF | 1,645.000 |
| | 0711- 14-160 | THERMOPLASTIC, PREFORMED, WHITE, MESSAGE | EA | 52.000 |
| | 0711- 14-170 | THERMOPLASTIC, PREFORMED, WHITE, ARROW | EA | 84.000 |
| | 0711- 16-101 | THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6" | GM | 5.452 |
| | 0711- 16-102 | THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8" | GM | 0.005 |
| | 0711- 16-131 | THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP | GM | 1.587 |
| | 0711- 16-201 | THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6" | GM | 0.572 |
| | 0920-714-100 | GREEN COLORED PAVEMENT MARKINGS, BIKE LANE | SF | 712.000 |
| Sectio | n 0003 Lighting | | | |
| | 0630- 2-11 | CONDUIT, FURNISH & INSTALL, OPEN TRENCH | LF | 191.000 |
| | 0630- 2-12 | CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE | LF | 584.000 |
| | | | | |

| ALT | Item | Description | Unit | Quantity |
|---------|-------------------|---|------|-----------|
| | 0635- 2-11 | PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE | EA | 45.000 |
| | 0715- 1-12 | LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6 | LF | 3,766.000 |
| | 0715- 1-60 | LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS | LF | 510.000 |
| | 0715-500- 1 | POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL | EA | 21.000 |
| | 0715-516-320 | LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I ,POLE TOP MOUNT, CONCRETE, 20' | EA | 6.000 |
| | 0715-540-000 | LIGHT POLE COMPLETE- SPECIAL DESIGN, RELOCATE | EA | 15.000 |
| | 0715-550-000 | LIGHT POLE COMPLETE- SPECIAL DESIGN, REMOVE | EA | 1.000 |
| Section | n 0004 Signalizat | ion | | |
| | 0630- 2-11 | CONDUIT, FURNISH & INSTALL, OPEN TRENCH | LF | 418.000 |
| | 0630- 2-12 | CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE | LF | 1,184.000 |
| | 0632- 7- 1 | SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL | PI | 6.000 |
| | 0632- 7- 2 | SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL | LF | 8.000 |
| | 0635- 2-12 | PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE | EA | 2.000 |
| | 0635- 2-14 | PULL & SPLICE BOX, F&I, 17" X 30" COVER SIZE | EA | 77.000 |
| | 0646- 1-11 | ALUMINUM SIGNALS POLE, PEDESTAL | EA | 26.000 |
| | 0646- 1-60 | ALUMINUM SIGNALS POLE, REMOVE | EA | 9.000 |
| | 0650- 2-109 | VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- FURNISH & INSTALL, BACKPLATE- FLEXIBLE REQUIRED | EA | 22.000 |
| | 0653- 1-11 | PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY | AS | 28.000 |
| | 0653- 1-12 | PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS | AS | 3.000 |
| | 0653- 1-60 | PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN | AS | 16.000 |
| | 0660- 1-109 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 9 | EA | 25.000 |
| | 0660- 2-106 | LOOP ASSEMBLY, F&I, TYPE F | AS | 35.000 |
| | 0665- 1-11 | PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD | EA | 34.000 |
| | 0665- 1-60 | PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN | EA | 16.000 |
| | 0682- 1-113 | ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION | EA | 2.000 |

Florida Department of Transportation Bid Solicitation Notice and Approximate Quantities

Letting: 04230804 Call Order: 002 Proposal: E4W81 District:04

Counties: BROWARD

Road Name: BROWARD COUNTY PUSH BUTTON CONTRACT TRAFFIC SIGNAL CONST

Limits: Midpoint

Project(s): 43633935201(*) Federal Aid No: N/A

Total Roadway Length:0.000 MilesContract Days:730Total Bridge Length:0.000 MilesLetting Date:08/04/23Total Proposal Length:0.000 MilesContract Execution Days:10

Special Start Date: N/A

Aquis/Flexible Start Time:

Proposal Budget Estimate: \$1,000,000.00

Please read the full advertisement

Description:

The Improvements, implemented by individual Task Work Order(s)/Work Document(s) under this Contract, consist of, but are not limited to, signalization (cable, span wire, aluminum pole, steel mast arm, vehicular signal and detection, pedestrian signal and detection, mid-block, auxiliaries, cable, cable distribution, controller, pull/splice, conduit, fiber optic), concrete (removal, sidewalk, driveways, curb, gutter, prestressed pole), signing (single-post, multi-post, panel, internally-illuminated, beacon, flashing beacon, work zone), pavement markings (raised, thermoplastic, detectable), lighting (conductors), electrical (power service, service wire, disconnect, load center) throughout Broward County.

WORK DRIVEN CONTRACT: The award amount shall be based on the budgeted amount of \$1,000,000.00 and not the contractors bid total over the two (2) year term of the contract.

The quantities shown on the Bid Price Proposal are approximate and only represent estimated planned requirements based on historical or specific project needs. The Department does not guarantee any maximum or minimum quantity, any range of quantities, or the exact quantities shown for each bid item. The Department's estimated quantities and the Contractor's bid price will be used to calculate a total bid amount. This total bid amount will then be used to determine the low bidder; however, actual payment under the awarded contract will be based on actual quantities completed.

PLEASE READ STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FY2023-24 (SECTION 7-13) FOR INSURANCE LIMITS.

Funds Approval for Fiscal Year 2024 is contingent upon Annual Legislative appropriation.

For this Contract in which specific sites are not identified at the time of letting, the Engineer will issue a Work Document. Work Documents will identify the location, description, amount of work to be accomplished, and the number of calendar days to complete the work.

Pre-Qualified: Contractor must be pre-qualified in Traffic Signal.

PERFORMANCE BOND: A Contract / Performance bond is required for this project

| ALT | Item | Description | Unit | Quantity |
|---------|----------------|---|------|----------|
| Section | n 0001 Signing | | | |
| | 0700- 1-11 | SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF | AS | 30.000 |
| | 0700- 1-12 | SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF | AS | 15.000 |
| | 0700- 1-50 | SINGLE POST SIGN, RELOCATE | AS | 10.000 |
| | 0700- 1-60 | SINGLE POST SIGN, REMOVE | AS | 10.000 |
| | 0700- 2-15 | MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF | AS | 10.000 |

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| ALT | Item | Description | Unit | Quantity |
| | 0700- 2-50 | MULTI- POST SIGN, GROUND MOUNT, RELOCATE | AS | 10.000 |
| | 0700- 3-101 | SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF | EA | 15.000 |
| | 0700- 3-102 | SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 12-20 SF | EA | 15.000 |
| | 0700- 3-103 | SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 21-30 SF | EA | 10.000 |
| | 0700- 3-201 | SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF | EA | 15.000 |
| | 0700- 3-202 | SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 12-20 SF | EA | 10.000 |
| | 0700- 3-204 | SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 31-50 SF | EA | 10.000 |
| | 0700- 3-205 | SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF | EA | 10.000 |
| | 0700- 3-501 | SIGN PANEL, RELOCATE, UP TO 12 SF | EA | 10.000 |
| | 0700- 3-601 | SIGN PANEL, REMOVE, UP TO 12 SF | EA | 10.000 |
| | 0700- 3-602 | SIGN PANEL, REMOVE, 12-20 SF | EA | 10.000 |
| | 0700- 5-21 | INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF | EA | 10.000 |
| | 0700- 5-22 | INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF | EA | 10.000 |
| | 0700- 5-50 | INTERNALLY ILLUMINATED SIGN, RELOCATE | EA | 10.000 |
| | 0700- 5-60 | INTERNALLY ILLUMINATED SIGN, REMOVE | EA | 10.000 |
| | 0700-141-111 | ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, W/BEACON, UP TO 12 SF OF STATIC SIGN PANELS | EA | 6.000 |
| | 0700-141-360 | ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I OVERHEAD MOUNT, BLANK OUT SIGN <12 SF | EA | 6.000 |
| | 0700-142-111 | ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, W/BEACON, UP TO 12 SF OF STATIC SIGN PANELS | EA | 6.000 |
| | 0700-142-121 | ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, W/2 BEACONS, UP TO 12 SF OF STATIC SIGN PANELS | EA | 6.000 |
| | 0700-142-132 | ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, W/EDS, 12-20 SF OF STATIC SIGN PANELS | EA | 6.000 |
| | 0700-142-150 | ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, HIGHLIGHTED SIGN 12-20 SF | EA | 10.000 |
| | 0700-142-172 | ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, W/EDS AND BEACON, 12-20 SF OF STATIC SIGN PANELS | EA | 6.000 |
| | 0705- 10- 1 | OBJECT MARKER, TYPE 1 | EA | 5.000 |
| | 0705- 11- 1 | DELINEATOR, FLEXIBLE TUBULAR | EA | 100.000 |
| | 0705- 11- 6 | DELINEATOR, REPLACE DELINEATOR ON EXISTING BARRIER | EA | 100.000 |
| | 0705- 11- 11 | DELINEATOR POST, FURNISH & INSTALL ON EXISTING BASE | EA | 100.000 |
| | 0706- 1- 3 | RAISED PAVEMENT MARKER, TYPE B | EA | 60.000 |
| | 0711- 11-123 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT | LF | 600.000 |
| | 0711- 11-125 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK | LF | 500.000 |
| | 0711- 11-141 | THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6" | GM | 0.500 |
| | 0711- 11-160 | THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL | EA | 8.000 |
| | 0711- 11-170 | THERMOPLASTIC, STANDARD, WHITE, ARROW | EA | 20.000 |
| | 0711- 14-125 | THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK | LF | 150.000 |
| | 0711- 14-160 | THERMOPLASTIC, PREFORMED, WHITE, MESSAGE | EA | 5.000 |

| | | Call Order: 002 Troposal: L44401 | | |
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| ALT | Item | Description | Unit | Quantity |
| | 0711- 14-170 | THERMOPLASTIC, PREFORMED, WHITE, ARROW | EA | 5.000 |
| | 0711- 15-102 | THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8" | GM | 0.500 |
| | 0711- 15-131 | THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP | GM | 0.500 |
| | 0711- 15-201 | THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6" | GM | 0.500 |
| | 0711- 16-101 | THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6" | GM | 0.500 |
| | 0711- 16-201 | THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6" | GM | 0.500 |
| | 0711- 17- 1 | THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN | SF | 500.000 |
| Section | n 0002 Lighting | | | |
| | 0715- 1-12 | LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6 | LF | 500.000 |
| | 0715- 1-13 | LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2 | LF | 250.000 |
| | 0715- 1-60 | LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS | LF | 500.000 |
| | 0715- 7-11 | LOAD CENTER, F&I, SECONDARY VOLTAGE | EA | 2.000 |
| | 0715- 11-211 | LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD | EA | 20.000 |
| | 0715- 61-421 | LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT, 10' ARM LENGTH | EA | 2.000 |
| | 0715- 61-442 | LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT, 12' ARM LENGTH | EA | 2.000 |
| | 0715- 68-000 | LIGHT POLE COMPLETE, RELOCATE | EA | 2.000 |
| | 0715- 69-000 | LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION | EA | 2.000 |
| | 0715- 69-001 | LIGHT POLE COMPLETE, REMOVE POLE, FOUNDATION REMAINS | EA | 2.000 |
| | 0715-500- 1 | POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL | EA | 1.000 |
| | 0715-511-130 | LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 30' | EA | 2.000 |
| Section | n 0003 Signalizat | ion | | |
| | 0102- 14- | TRAFFIC CONTROL OFFICER | HR | 64.000 |
| | 0102- 60- | WORK ZONE SIGN | ED | 3,000.000 |
| | 0102- 74- 1 | CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD | ED | 4,000.000 |
| | 0102- 74- 8 | CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE) | FD | 300.000 |
| | 0102- 76- | ARROW BOARD / ADVANCE WARNING ARROW PANEL | ED | 500.000 |
| | 0102- 99- | PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY | ED | 400.000 |
| | 0102-115- | TYPE III BARRICADE | ED | 350.000 |
| | 0102-150- 1 | PORTABLE REGULATORY, SIGN | ED | 200.000 |
| | 0102-150- 2 | RADAR SPEED DISPLAY UNIT | ED | 200.000 |
| | 0104- 10- 3 | SEDIMENT BARRIER | LF | 200.000 |
| | 0104- 18- | INLET PROTECTION SYSTEM | EA | 20.000 |
| | 0110- 2- 1 | CLEARING & GRUBBING (PUSH BUTTON CONTRACT) | AC | 0.500 |
| | 0110- 4-10 | REMOVAL OF EXISTING CONCRETE | SY | 200.000 |
| | 0515- 1- 2 | PIPE HANDRAIL - GUIDERAIL, ALUMINUM | LF | 10.000 |
| | 0520- 1-10 | CONCRETE CURB & GUTTER, TYPE F | LF | 200.000 |

| | | Can Order. 002 1 Toposai. L+VV01 | | |
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| ALT | Item | Description | Unit | Quantity |
| | 0522- 1- | CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK | SY | 200.000 |
| | 0522- 2- | CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK | SY | 50.000 |
| | 0526- 1- 2 | PAVERS, ARCHITECTURAL, SIDEWALK | SY | 50.000 |
| | 0527- 2- | DETECTABLE WARNINGS | SF | 200.000 |
| | 0570- 1- 1 | PERFORMANCE TURF | SY | 1.000 |
| | 0570- 1- 2 | PERFORMANCE TURF, SOD | SY | 100.000 |
| | 0630- 2-11 | CONDUIT, FURNISH & INSTALL, OPEN TRENCH | LF | 2,000.000 |
| | 0630- 2-12 | CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE | LF | 500.000 |
| | 0632- 7- 1 | SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL | PI | 4.000 |
| | 0632- 7- 2 | SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL | LF | 1,000.000 |
| | 0632- 7- 6 | SIGNAL CABLE, REMOVE- INTERSECTION | PI | 2.000 |
| | 0633- 1-121 | FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS | LF | 600.000 |
| | 0633- 2-31 | FIBER OPTIC CONNECTION, INSTALL, SPLICE | EA | 30.000 |
| | 0633- 2-32 | FIBER OPTIC CONNECTION, INSTALL, TERMINATION | EA | 5.000 |
| | 0633- 3-11 | FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE | EA | 5.000 |
| | 0633- 3-12 | FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY | EA | 5.000 |
| | 0633- 3-15 | FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL | EA | 5.000 |
| | 0634- 4-151 | SPAN WIRE ASSEMBLY, F&I, TWO POINT, PERPENDICULAR | PI | 4.000 |
| | 0634- 4-600 | SPAN WIRE ASSEMBLY, REMOVE- POLES REMAIN | PI | 4.000 |
| | 0634- 5- 1 | FIBERGLASS INSULATOR, FURNISH & INSTALL | LF | 20.000 |
| | 0635- 2-11 | PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE | EA | 19.000 |
| | 0635- 2-12 | PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE | EA | 20.000 |
| | 0635- 2-13 | PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE | EA | 10.000 |
| | 0635- 3-12 | JUNCTION BOX, FURNISH & INSTALL, MOUNTED | EA | 6.000 |
| | 0639- 1-122 | ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR | AS | 6.000 |
| | 0639- 1-123 | ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER NOT REQUIRED | AS | 6.000 |
| | 0639- 1-610 | ELECTRICAL POWER SERVICE, REMOVE OVERHEAD | AS | 2.000 |
| | 0639- 2- 1 | ELECTRICAL SERVICE WIRE, FURNISH & INSTALL | LF | 2,000.000 |
| | 0639- 3-11 | ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT | EA | 4.000 |
| | 0641- 2-12 | PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE | EA | 5.000 |
| | 0641- 2-14 | PRESTRESSED CONCRETE POLE, F&I, TYPE P-IV | EA | 5.000 |
| | 0641- 2-16 | PRESTRESSED CONCRETE POLE, F&I, TYPE P-VI | EA | 2.000 |
| | 0641- 2-17 | PRESTRESSED CONCRETE POLE, F&I, TYPE P-VII | EA | 5.000 |
| | 0641- 2-70 | PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER | EA | 1.000 |
| | 0646- 1-11 | ALUMINUM SIGNALS POLE, PEDESTAL | EA | 8.000 |
| | 0646- 1-12 | ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST | EA | 16.000 |
| | 0646- 1-60 | ALUMINUM SIGNALS POLE, REMOVE | EA | 4.000 |
| | 0649- 21- 3 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40' | EA | 1.000 |
| | 0649- 21- 6 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50' | EA | 1.000 |

| ALT | Item | Description | Unit | Quantity |
|-----|--------------|---|------|----------|
| | 0649- 21- 8 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 50'-40' | EA | 2.000 |
| | 0649- 21- 10 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60' | EA | 1.000 |
| | 0649- 21- 13 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-50' | EA | 2.000 |
| | 0649- 21- 15 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70' | EA | 2.000 |
| | 0649- 21- 18 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-50' | EA | 2.000 |
| | 0649- 21- 21 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78' | EA | 2.000 |
| | 0649-23-2 | STEEL MAST ARM ASSEMBLY, INSTALL/RELOCATE TO NEW/CONTRACTOR PROVIDED FOUNDATION | EA | 2.000 |
| | 0649- 26- 3 | STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION-BOLT ON ATTACHMENT | EA | 2.000 |
| | 0650- 1-14 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY | AS | 40.000 |
| | 0650- 1-16 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY | AS | 10.000 |
| | 0650- 1-18 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION STRAIGHT, 1 WAY | AS | 5.000 |
| | 0650- 1-19 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION CLUSTER, 1 WAY | AS | 8.000 |
| | 0650- 1-24 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE W/ALUM TOP, 3 SECTION, 1 WAY | AS | 5.000 |
| | 0650- 1-60 | VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN | AS | 10.000 |
| | 0650- 1-70 | VEHICULAR TRAFFIC SIGNAL, RELOCATE- INCLUDES REMOVAL AND REINSTALLATION | AS | 5.000 |
| | 0650- 2-109 | VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- FURNISH & INSTALL, BACKPLATE- FLEXIBLE REQUIRED | EA | 50.000 |
| | 0653- 1-11 | PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY | AS | 10.000 |
| | 0653- 1-12 | PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS | AS | 6.000 |
| | 0653- 1-40 | PEDESTRIAN SIGNAL, RELOCATE | AS | 5.000 |
| | 0653- 1-60 | PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN | AS | 8.000 |
| | 0654- 2-21 | MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR, COMPLETE SIGN ASSY- SINGLE DIRECTION | AS | 4.000 |
| | 0654- 2-22 | MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR, COMPLETE SIGN ASSEMBLY- BACK TO BACK | AS | 2.000 |
| | 0654- 2-60 | MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, REMOVE COMPLETE SIGN ASSEMBLY | AS | 5.000 |
| | 0660- 3-11 | VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT | EA | 2.000 |
| | 0660- 3-12 | VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT | EA | 2.000 |
| | 0660- 4-11 | VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT | EA | 2.000 |
| | | | | |

| ALT | Item | Description | Unit | Quantity |
|-----|-------------|---|------|----------|
| | 0660- 4-12 | VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT | EA | 8.000 |
| | 0660- 4-41 | VEHICLE DETECTION SYSTEM- VIDEO, RELOCATE CABINET EQUIPMENT | EA | 2.000 |
| | 0660- 4-42 | VEHICLE DETECTION SYSTEM- VIDEO, RELOCATE ABOVE GROUND EQUIPMENT | EA | 8.000 |
| | 0660- 4-60 | VEHICLE DETECTION SYSTEM- VIDEO, REMOVE | EA | 4.000 |
| | 0663- 1-400 | SIGNAL PRIORITY & PREEMPTION SYSTEM, RELOCATE | EA | 4.000 |
| | 0665- 1-11 | PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD | EA | 32.000 |
| | 0665- 1-12 | PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE | EA | 8.000 |
| | 0665- 1-40 | PEDESTRIAN DETECTOR, RELOCATE | EA | 4.000 |
| | 0665- 1-60 | PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN | EA | 4.000 |
| | 0670- 5-110 | TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA | AS | 2.000 |
| | 0670- 5-111 | TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION | AS | 1.000 |
| | 0670- 5-140 | TRAFFIC CONTROLLER ASSEMBLY, FURNISH & INSTALL MODEL 2070 | AS | 1.000 |
| | 0670- 5-600 | TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET | AS | 1.000 |
| | 0684- 1- 1 | MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL | EA | 4.000 |