

**Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities**

Letting: 05200407 Call Order: 002 Proposal: E50A8 District:05

Counties: VOLUSIA

Road Name: SR 15 / US 17-92 AT FORT FLORIDA RD

Limits: 79040000

Project(s): 44246715201(*) Federal Aid No: N/A

| | | | |
|------------------------|-------------|----------------------------|----------|
| Total Roadway Length: | 0.002 Miles | Contract Days: | 100 |
| Total Bridge Length: | 0.000 Miles | Letting Date: | 04/07/20 |
| Total Proposal Length: | 0.002 Miles | Contract Execution Days: | 10 |
| | | Special Start Date: | N/A |
| | | Aquis/Flexible Start Time: | 120 |

Proposal Budget Estimate: \$678,998.00

Please read the full advertisement

Description:

The Improvements under this Contract consist of ,but not limited to, milling and resurfacing, signing, pavement markings (paint and thermoplastic), signalization (mast arms, signal controller cabinet), lighting (light poles, pull boxes, conductors, conduit), ITS and sod at the intersection of SR 15 and Fort Florida Road in the City of Debarry, Volusia County.

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

PREQUALIFICATION REQUIRED

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| ALT | Item | Description | Unit | Quantity |
|-----------------------------|-------------|--|------|-----------|
| Section 0001 Roadway | | | | |
| | 0101- 1- | MOBILIZATION (44246715201) | LS | 1.000 |
| | 0102- 1- | MAINTENANCE OF TRAFFIC (44246715201) | LS | 1.000 |
| | 0102- 60- | WORK ZONE SIGN | ED | 2,200.000 |
| | 0102- 74- 1 | CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD | ED | 6,000.000 |
| | 0102- 74- 7 | CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE) | LF | 330.000 |
| | 0102- 76- | ARROW BOARD / ADVANCE WARNING ARROW PANEL | ED | 200.000 |
| | 0102- 78- | TEMPORARY RETROREFLECTIVE PAVEMENT MARKER | EA | 475.000 |
| | 0102- 99- | PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY | ED | 228.000 |
| | 0104- 18- | INLET PROTECTION SYSTEM | EA | 5.000 |
| | 0107- 1- | LITTER REMOVAL | AC | 0.490 |
| | 0107- 2- | MOWING | AC | 0.150 |
| | 0110- 4- 10 | REMOVAL OF EXISTING CONCRETE | SY | 64.000 |
| | 0120- 1- | REGULAR EXCAVATION | CY | 5.200 |
| | 0160- 4- | TYPE B STABILIZATION | SY | 18.000 |
| | 0327- 70- 6 | MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH | SY | 3,028.000 |
| | 0337- 7- 83 | ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22 | TN | 249.800 |
| | 0520- 1- 10 | CONCRETE CURB & GUTTER, TYPE F | LF | 98.000 |
| | 0522- 2- | CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK | SY | 65.000 |
| | 0527- 2- | DETECTABLE WARNINGS | SF | 41.000 |

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| ALT | Item | Description | Unit | Quantity |
|-----------------------------------|--------------|---|------|----------|
| | 0570- 1- 2 | PERFORMANCE TURF, SOD | SY | 412.000 |
| | 0639- 8- 29 | ELECTRICAL POWER SERVICE- CONTRIBUTION IN AID OF CONSTRUCTION (CIAC), PROJECT 442467-1-52-01 (DO NOT BID) (44246715201) | LS | 1.000 |
| | 0999- 25- | INITIAL CONTINGENCY AMOUNT, DO NOT BID (44246715201) | LS | 1.000 |
| Section 0002 Signing | | | | |
| | 0700- 1- 11 | SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF | AS | 4.000 |
| | 0700- 1- 60 | SINGLE POST SIGN, REMOVE | AS | 1.000 |
| | 0710- 11-290 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE | SF | 27.000 |
| | 0710- 90- | PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44246715201) | LS | 1.000 |
| | 0711- 11-123 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT | LF | 223.000 |
| | 0711- 11-125 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK | LF | 91.000 |
| | 0711- 11-170 | THERMOPLASTIC, STANDARD, WHITE, ARROW | EA | 4.000 |
| | 0711- 14-125 | THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK | LF | 181.000 |
| | 0711- 16-101 | THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6" | GM | 0.217 |
| | 0711- 16-131 | THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP | GM | 0.022 |
| | 0711- 16-201 | THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6" | GM | 0.082 |
| Section 0003 Signalization | | | | |
| | 0630- 2- 11 | CONDUIT, FURNISH & INSTALL, OPEN TRENCH | LF | 651.000 |
| | 0630- 2- 12 | CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE | LF | 260.000 |
| | 0632- 7- 1 | SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL | PI | 1.000 |
| | 0633- 8- 1 | MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL | LF | 570.000 |
| | 0635- 2- 11 | PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE | EA | 20.000 |
| | 0639- 1-122 | ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR | AS | 1.000 |
| | 0639- 2- 1 | ELECTRICAL SERVICE WIRE, FURNISH & INSTALL | LF | 79.000 |
| | 0641- 2- 12 | PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE | EA | 1.000 |
| | 0646- 1- 11 | ALUMINUM SIGNALS POLE, PEDESTAL | EA | 4.000 |
| | 0649- 21- 17 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-40' | EA | 1.000 |
| | 0649- 21- 24 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-50' | EA | 1.000 |
| | 0650- 1- 34 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 3 SECTION, 1 WAY | AS | 6.000 |
| | 0650- 1- 36 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 4 SECTION, 1 WAY | AS | 2.000 |
| | 0653- 1- 11 | PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY | AS | 4.000 |
| | 0660- 1-109 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 9 | EA | 4.000 |
| | 0660- 1-110 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 10 | EA | 1.000 |
| | 0660- 2-102 | LOOP ASSEMBLY, F&I, TYPE B | AS | 4.000 |
| | 0660- 2-106 | LOOP ASSEMBLY, F&I, TYPE F | AS | 3.000 |

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|---|--------------|---|------|----------|
| | 0663- 1-121 | SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, REPLACE CABINET ELECTRONICS | EA | 1.000 |
| | 0663- 1-122 | SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, DETECTOR | EA | 1.000 |
| | 0665- 1- 11 | PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD | EA | 4.000 |
| | 0670- 5-112 | TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 2 PREEMPTION | AS | 1.000 |
| | 0680- 1-112 | SYSTEM CONTROL EQUIPMENT, FURNISH & INSTALL, ADAPTIVE SIGNAL CONTROL SYSTEM- NEMA, CABINET EQUIPMENT | EA | 1.000 |
| | 0680- 1-113 | SYSTEM CONTROL EQUIPMENT, FURNISH & INSTALL, ADAPTIVE SIGNAL CONTROL SYSTEM- NEMA, ABOVE GROUND EQUIPMENT | EA | 3.000 |
| | 0684- 90- 14 | NETWORK DEVICE, MASTER HUB ETHERNET SWITCH, LAYER 3, PROJECT 442467-1-52-01 | EA | 1.000 |
| | 0685- 1- 11 | UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE | EA | 1.000 |
| | 0700- 5- 22 | INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF | EA | 4.000 |
| Section 0004 Intelligent Transportation System | | | | |
| | 0630- 2- 11 | CONDUIT, FURNISH & INSTALL, OPEN TRENCH | LF | 55.000 |
| | 0630- 2- 14 | CONDUIT, FURNISH & INSTALL, ABOVEGROUND | LF | 20.000 |
| | 0633- 1-112 | FIBER OPTIC CABLE, F&I, OVERHEAD,13-48 FIBERS | LF | 150.000 |
| | 0633- 1-122 | FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS | LF | 310.000 |
| | 0633- 2- 31 | FIBER OPTIC CONNECTION, INSTALL, SPLICE | EA | 16.000 |
| | 0633- 2- 32 | FIBER OPTIC CONNECTION, INSTALL, TERMINATION | EA | 24.000 |
| | 0633- 3- 12 | FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY | EA | 2.000 |
| | 0633- 3- 14 | FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT | EA | 2.000 |
| | 0633- 3- 16 | FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED | EA | 2.000 |
| | 0633- 8- 1 | MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL | LF | 65.000 |
| | 0635- 2- 11 | PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE | EA | 1.000 |
| | 0635- 2- 12 | PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE | EA | 3.000 |
| | 0670- 5-400 | TRAFFIC CONTROLLER ASSEMBLY, MODIFY | AS | 1.000 |
| | 0682- 1-133 | ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION | EA | 1.000 |
| | 0684- 1- 1 | MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL | EA | 1.000 |