

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

Letting: 05201103      Call Order: 001      Proposal: E52A5      District:05

Counties: BREVARD

Road Name: US 1 / S 5 FROM 110' S OF JORDAN BLVD TO 85' N OR JORDAN

Limits: 70010000

Project(s): 44100015201(\*)      Federal Aid No: N/A

|                        |             |                            |          |
|------------------------|-------------|----------------------------|----------|
| Total Roadway Length:  | 0.037 Miles | Contract Days:             | 140      |
| Total Bridge Length:   | 0.000 Miles | Letting Date:              | 11/03/20 |
| Total Proposal Length: | 0.037 Miles | Contract Execution Days:   | 10       |
|                        |             | Special Start Date:        | N/A      |
|                        |             | Aquis/Flexible Start Time: | 120      |

Proposal Budget Estimate: \$617,077.00

Please read the full advertisement

**Description:**

The Improvements under this Contract consist of reconstruction of the traffic signal with mast arm assemblies at the intersection of SR 5 (US 1) and Jordan Blvd in Brevard County. Project also includes updating multimodal features at the intersection.

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

**PREQUALIFICATION REQUIRED**

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| ALT                         | Item         | Description   | Unit | Quantity  |
|-----------------------------|--------------|---|------|-----------|
| <b>Section 0001 Roadway</b> |              |   |      |           |
|                             | 0101- 1-     | MOBILIZATION (44100015201)                                | LS   | 1.000     |
|                             | 0102- 1-     | MAINTENANCE OF TRAFFIC (44100015201)                      | LS   | 1.000     |
|                             | 0102- 14-    | TRAFFIC CONTROL OFFICER                                   | HR   | 96.000    |
|                             | 0102- 60-    | WORK ZONE SIGN  | ED   | 2,100.000 |
|                             | 0102- 74- 1  | CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD    | ED   | 2,380.000 |
|                             | 0102- 76-    | ARROW BOARD / ADVANCE WARNING ARROW PANEL                 | ED   | 280.000   |
|                             | 0102- 78-    | TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER          | EA   | 420.000   |
|                             | 0102- 99-    | PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY               | ED   | 294.000   |
|                             | 0102-104-    | TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION     | ED   | 20.000    |
|                             | 0102-107- 1  | TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION | ED   | 20.000    |
|                             | 0104- 10- 3  | SEDIMENT BARRIER  | LF   | 480.000   |
|                             | 0104- 18-    | INLET PROTECTION SYSTEM                                   | EA   | 3.000     |
|                             | 0107- 1-     | LITTER REMOVAL  | AC   | 1.790     |
|                             | 0107- 2-     | MOWING  | AC   | 1.480     |
|                             | 0110- 1- 1   | CLEARING & GRUBBING (44100015201)                         | LS   | 1.000     |
|                             | 0120- 1-     | REGULAR EXCAVATION  | CY   | 137.000   |
|                             | 0120- 6-     | EMBANKMENT  | CY   | 88.000    |
|                             | 0327- 70- 11 | MILLING EXIST ASPH PAVT, 2 1/4" AVG DEPTH                 | SY   | 2,614.000 |
|                             | 0327- 70- 19 | MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH                   | SY   | 136.000   |
|                             | 0334- 1- 53  | SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22          | TN   | 215.700   |
|                             | 0337- 7- 25  | ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22 | TN   | 109.800   |

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|-----------------------------------|--------------|---|------|-----------|
|                                   | 0430-174-218 | PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18"SD                                  | LF   | 58.000    |
|                                   | 0430-984-625 | MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD  | EA   | 2.000     |
|                                   | 0520- 1- 10  | CONCRETE CURB & GUTTER, TYPE F  | LF   | 179.000   |
|                                   | 0522- 2-     | CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK   | SY   | 238.000   |
|                                   | 0527- 2-     | DETECTABLE WARNINGS   | SF   | 158.000   |
|                                   | 0570- 1- 2   | PERFORMANCE TURF, SOD   | SY   | 778.000   |
|                                   | 0710- 11-101 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"   | GM   | 0.376     |
|                                   | 0710- 11-123 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"               | LF   | 1,002.000 |
|                                   | 0710- 11-125 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"                 | LF   | 1,066.000 |
|                                   | 0710- 11-131 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE                      | GM   | 0.016     |
|                                   | 0710- 11-141 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"       | GM   | 0.060     |
|                                   | 0710- 11-170 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS  | EA   | 6.000     |
|                                   | 0710- 11-201 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"  | GM   | 0.234     |
|                                   | 0999- 25-    | INITIAL CONTINGENCY AMOUNT, DO NOT BID (44100015201)  | LS   | 1.000     |
| <b>Section 0002 Signing</b>       |              |   |      |           |
|                                   | 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   | 6.000     |
|                                   | 0700- 2- 14  | MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF  | AS   | 2.000     |
|                                   | 0701- 18-101 | PROFIED THERMOPLASTIC,STANDARD- ASPHALT SURFACES, WHITE, SOLID,6"                                 | GM   | 0.038     |
|                                   | 0701- 18-201 | PROFIED THERMOPLASTIC,STANDARD- ASPHALT SURFACES, YELLOW, SOLID,6"                                | GM   | 0.029     |
|                                   | 0705- 10- 1  | OBJECT MARKER, TYPE 1   | EA   | 6.000     |
|                                   | 0710- 90-    | PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44100015201)  | LS   | 1.000     |
|                                   | 0711- 11-123 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT                           | LF   | 501.000   |
|                                   | 0711- 11-124 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS                             | LF   | 103.000   |
|                                   | 0711- 11-125 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK                            | LF   | 105.000   |
|                                   | 0711- 11-141 | THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"                      | GM   | 0.030     |
|                                   | 0711- 11-170 | THERMOPLASTIC, STANDARD, WHITE, ARROW   | EA   | 3.000     |
|                                   | 0711- 11-224 | THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON                               | LF   | 164.000   |
|                                   | 0711- 14-125 | THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK   | LF   | 429.000   |
|                                   | 0711- 15-101 | THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"                             | GM   | 0.118     |
|                                   | 0711- 15-131 | THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP | GM   | 0.008     |
|                                   | 0711- 15-201 | THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"                           | GM   | 0.117     |
| <b>Section 0003 Signalization</b> |              |   |      |           |
|                                   | 0630- 2- 11  | CONDUIT, FURNISH & INSTALL, OPEN TRENCH   | LF   | 1,742.000 |

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|-----|--------------|---|------|-----------|
|     | 0630- 2- 12  | CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE  | LF   | 1,496.000 |
|     | 0632- 7- 1   | SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL                  | PI   | 1.000     |
|     | 0634- 4-600  | SPAN WIRE ASSEMBLY, REMOVE- POLES REMAIN  | PI   | 1.000     |
|     | 0635- 2- 11  | PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE  | EA   | 17.000    |
|     | 0639- 1-122  | ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR           | AS   | 1.000     |
|     | 0639- 1-610  | ELECTRICAL POWER SERVICE, REMOVE OVERHEAD   | AS   | 1.000     |
|     | 0639- 2- 1   | ELECTRICAL SERVICE WIRE, FURNISH & INSTALL  | LF   | 13.000    |
|     | 0639- 3- 11  | ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT                                      | EA   | 1.000     |
|     | 0641- 2- 12  | PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE                              | EA   | 1.000     |
|     | 0641- 2- 80  | PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER              | EA   | 1.000     |
|     | 0646- 1- 11  | ALUMINUM SIGNALS POLE, PEDESTAL   | EA   | 6.000     |
|     | 0649- 21- 15 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'                        | EA   | 1.000     |
|     | 0649- 21- 16 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-30'                    | EA   | 1.000     |
|     | 0650- 1- 34  | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 3 SECTION, 1 WAY         | AS   | 5.000     |
|     | 0650- 1- 36  | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 4 SECTION, 1 WAY         | AS   | 1.000     |
|     | 0650- 1- 39  | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 5 SECTION CLUSTER, 1 WAY | AS   | 1.000     |
|     | 0653- 1- 11  | PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY                           | AS   | 6.000     |
|     | 0660- 1-101  | LOOP DETECTOR INDUCTIVE, F&I, TYPE 1  | EA   | 9.000     |
|     | 0660- 1-102  | LOOP DETECTOR INDUCTIVE, F&I, TYPE 2  | EA   | 2.000     |
|     | 0660- 2-102  | LOOP ASSEMBLY, F&I, TYPE B  | AS   | 8.000     |
|     | 0660- 2-106  | LOOP ASSEMBLY, F&I, TYPE F  | AS   | 3.000     |
|     | 0665- 1- 12  | PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE                                  | EA   | 6.000     |
|     | 0670- 5-111  | TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION                                | AS   | 1.000     |
|     | 0670- 5-600  | TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET                         | AS   | 1.000     |
|     | 0685- 1- 13  | UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE WITH CABINET    | EA   | 1.000     |
|     | 0700- 5- 21  | INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF          | EA   | 1.000     |
|     | 0700- 5- 22  | INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF            | EA   | 4.000     |