

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

Letting: 04210521      Call Order: 001      Proposal: E4U89      District:04

Counties: BROWARD

Road Name: I-75 ALLIGATOR ALLEY ENVIRONMENTAL EDUCATION PROJECT

Limits: 86075000

Project(s): 43793425201(\*)      Federal Aid No: N/A

Total Roadway Length:	0.370 Miles	Contract Days:	642
Total Bridge Length:	0.000 Miles	Letting Date:	05/21/21
Total Proposal Length:	0.370 Miles	Contract Execution Days:	
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	15

Proposal Budget Estimate: \$8,340,300.00

Please read the full advertisement

**Description:**

The Improvements under this Contract consist of, but are not limited to, milling and resurfacing, monitor existing structures (inspection and settlement, vibration), field office, concrete (removals, base for sculpture, sidewalk and driveways, curb and gutter, bumper guard, CCTV pole), retaining wall, drainage improvements (inlets, gutter, manholes, junction box, pipe culvert, mitered end), riprap, bedding stone, guardrail, fencing (fence, gate), signing (single post, object marker, educational), pavement markings (painted, thermoplastic), signalization (aluminum pole, conduit, fiber optic, communications, pull/splice, electrical service wire, electrical disconnect, vehicle detection, ITS), lighting (high mast, pole complete, conductors, distribution system), landscaping (tree protection, root and branch pruning, tree and palm relocates), architectural (pavers, buildings, pavilions, timber pedestrian bridge), amenities (bench, trash can, picnic table), utilities (removals, place out of service, furnish and install), sod, and irrigation within the eastbound State Road 93 (I-75/Alligator Alley) rest area located at Mile Marker 30, for 0.37 miles in Broward County.

Pre-Qualified: Contractor must be pre-qualified

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

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ALT	Item	Description	Unit	Quantity
<b>Section 0001 Roadway</b>				
	0101- 1-	MOBILIZATION (43793425201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43793425201)	LS	1.000
	0102- 3-	COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE	CY	70.000
	0102- 60-	WORK ZONE SIGN	ED	7,972.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	47,068.000
	0102- 78-	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER	EA	260.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,312.000
	0102-115-	TYPE III BARRICADE	ED	1,180.000
	0104- 10- 3	SEDIMENT BARRIER	LF	3,715.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	9.000
	0107- 1-	LITTER REMOVAL	AC	296.680
	0107- 2-	MOWING	AC	92.430
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (43793425201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (43793425201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0109- 71- 19	FIELD OFFICE, 1500 SQUARE FEET, PROJECT 437934-2-52-01	DA	642.000
	0110- 1- 1	CLEARING & GRUBBING (43793425201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	66.000
	0110- 21-	TREE PROTECTION BARRIER	LF	1,801.000
	0110- 22-	TREE ROOT AND BRANCH PRUNING	EA	12.000
	0120- 1-	REGULAR EXCAVATION	CY	30,999.000
	0120- 4-	SUBSOIL EXCAVATION	CY	4,892.600
	0120- 6-	EMBANKMENT	CY	46,765.600
	0160- 4-	TYPE B STABILIZATION	SY	21,369.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	68.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	19,413.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	9,259.000
	0334- 1- 11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A	TN	50.100
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	3,966.900
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	18.300
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	116.800
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	6.000
	0425- 1-365	INLETS, CURB, TYPE P-6, PARTIAL	EA	1.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	1.000
	0425- 1-545	INLETS, DITCH BOTTOM, TYPE D, PARTIAL	EA	1.000
	0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	13.000
	0425- 1-562	INLETS, DT BOT, TYPE F, >10'	EA	2.000
	0425- 1-565	INLETS, DITCH BOTTOM, TYPE F, PARTIAL	EA	1.000
	0425- 2- 41	MANHOLES, P-7, <10'	EA	2.000
	0425- 2- 43	MANHOLES, P-7, PARTIAL	EA	1.000
	0425- 3- 91	JUNCTION BOX, DRAINAGE, UTILITY, < 10'	EA	1.000
	0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	1,640.000
	0430-174-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"SD	LF	183.000
	0430-174-130	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 30"SD	LF	455.000
	0430-174-136	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36"SD	LF	46.000
	0430-174-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18"SD	LF	185.000
	0430-880- 01	FLAP GATES, 0-24"	EA	1.000
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	6.000
	0430-984-129	MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	3.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	6,791.000
	0520- 3-	VALLEY GUTTER- CONCRETE	LF	156.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	530.000
	0523- 1-	PATTERNED PAVEMENT, VEHICULAR AREAS	SY	63.000
	0526- 1- 2	PAVERS, ARCHITECTURAL, SIDEWALK	SY	1,100.000
	0527- 2-	DETECTABLE WARNINGS	SF	345.000
	0530- 3-102	RIPRAP, RUBBLE-LIMESTONE BOULDER, PROJECT 437934-2-52-01	CY	129.000
	0530- 74-	BEDDING STONE	TN	67.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	467.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	1.000

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	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	1.000
	0542- 70-	BUMPER GUARDS, CONCRETE	EA	139.000
	0548- 51-	RETAINING WALL SYSTEM, SEGMENTAL BLOCK WALL, <5' HEIGHT, PROJECT 437934-2-52-01	SF	4,637.000
	0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	1,063.000
	0550- 60-211	FENCE GATE, TYPE B, SINGLE, 0- 6.0' OPENING	EA	3.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	7,824.000
	0570- 1- 3	PERFORMANCE TURF, SOD AND SOIL- SHOULDER TREATMENT INDEX 570-010	SY	418.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.238
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.238
	0999- 16-	PARTNERING, DO NOT BID (43793425201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43793425201)	LS	1.000
<b>Section 0002 Signing</b>				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	34.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	8.000
	0700- 1- 40	SINGLE POST SIGN, INSTALL	AS	4.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	22.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	25.000
	0705- 10- 2	OBJECT MARKER, TYPE 2	EA	3.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	43.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43793425201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	120.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	495.000
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	14.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	31.000
	0711- 11-421	THERMOPLASTIC, STANDARD, BLUE, SOLID,6"	LF	400.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	2.876
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.740
<b>Section 0003 Lighting</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	157.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,335.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	17.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	3,925.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	1,216.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	3,987.000
	0715- 4- 13	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT	EA	10.000
	0715- 4- 70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	2.000
	0715- 11-212	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY HIGH MAST	EA	3.000
	0715- 19- 11	HIGH MAST LIGHT POLE, FURNISH AND INSTALL, 80'	EA	2.000
	0715- 19- 60	HIGH MAST LIGHT POLE, REMOVE POLE AND FOUNDATION	EA	3.000

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	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	10.000
	0715-500- 2	POLE CABLE DISTRIBUTION SYSTEM, FURNISH & INSTALL, HIGH MAST	EA	2.000
<b>Section 0004 Landscape / Peripheral</b>				
	0526- 1- 2	PAVERS, ARCHITECTURAL, SIDEWALK	SY	2,115.000
	0580- 1- 1	LANDSCAPE COMPLETE- SMALL PLANTS (43793425201)	LS	1.000
	0581- 1- 2	RELOCATE TREES AND PALMS, PALM, >=14' OF CLEAR TRUNK	EA	16.000
	0581- 1- 4	RELOCATE TREES AND PALMS,TREES, <5" DIAMETER AT BREAST HEIGHT	EA	19.000
	0581- 1- 5	RELOCATE TREES AND PALMS,TREES, TREES, >=5" DIAMETER AT BREAST HEIGHT	EA	41.000
	0581- 1- 7	RELOCATE TREES AND PALMS,PALMS, <14' OF CLEAR TRUNK, SABAL PALM ONLY	EA	4.000
	0581- 1- 8	RELOCATE TREES AND PALMS, >=14' OF CLEAR TRUNK, SABAL PALM ONLY	EA	87.000
	0590- 70-	IRRIGATION SYSTEM (43793425201)	LS	1.000
	0751- 11- 62	ARCHITECTURAL- EDUCATIONAL SIGNS, PROJECT 439714-1-52-01	LS	1.000
	0751- 33-101	PICNIC TABLE, 6' RECYCLED PLASTIC, PROJECT 437934-2-52-01	EA	4.000
	0751- 37-	TRASH RECEPTACLE	EA	12.000
	0751- 38- 14	BENCH, F&I, STEEL	EA	6.000
	0751- 38- 15	BENCH, F&I, RECYCLED PLASTIC	EA	26.000
<b>Section 0005 Utilities</b>				
	1050- 16-002	UTILITY PIPE,REMOVE & DISPOSE, 2-4.9"	LF	23,359.000
	1050- 18-000	UTILITY PIPE,PLUG & PLACE OUT OF SERVICE, CAP FOR UP TO 4" DIAMETER PIPE	EA	1.000
	1050- 31-201	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 1.5"	LF	44.000
	1050- 31-202	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 2"	LF	824.000
	1050- 61-108	UTILITY PIPE- STEEL, FURNISH & INSTALL, CASING, 8"	LF	178.000
	1060- 21- 10	UTILITY STRUCTURE- ABOVE GROUND, 0-1 CY PAD, WITHOUT COVER	EA	3.000
	1080- 22-102	UTILITY FIXTURE- BACKFLOW ASSEMBLY, FURNISH & INSTALL,2"	EA	3.000
	1080- 23-102	UTILITY FIXTURE- TAPPING SADDLE/SLEEVE, FURNISH & INSTALL, 2"	EA	3.000
	1080- 24-100	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 1"	EA	3.000
	1080- 24-102	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 2"	EA	3.000
	1080- 25-102	UTILITY FIXTURE- BLOWOFF ASSEMBLY, FURNISH AND INSTALL, 2"	EA	3.000
	1080- 32-102	UTILITY FIXTURE- SAMPLE POINT, FURNISH & INSTALL, 2"	EA	3.000
<b>Section 0006 Architectural</b>				
	0750- 1- 19	ARCHITECTURAL, BUILDING, NEW, OTHER BUILDING (43793425201)	LS	1.000
	0751- 30- 1	ARCHITECTURAL, PICNIC PAVILION, SMALL	EA	2.000
	0751- 47- 1	CONCRETE BASE FOR SCULPTURE, 16' L x 9' W x 1.5' H, PROJECT 437934-2-52-01	EA	1.000
	0751- 49-	TIMBER PEDESTRIAN BRIDGE	SF	8,227.000
<b>Section 0007 Intelligent Transportation System</b>				
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	9.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	598.000

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	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	654.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	2,654.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	100.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	1,720.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	4.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	28.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	1.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	4.000
	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	1.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	350.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	6.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	6.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	893.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	1,070.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	3.000
	0641- 3-169	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 69'	EA	3.000
	0641- 3-800	CONCRETE CCTV POLE, COMPLETE POLE REMOVAL	EA	2.000
	0646- 2-135	ALUMINUM POLE- INDEX 695-001, FURNISH & INSTALL, 35'	EA	3.000
	0646- 2-600	ALUMINUM POLE- INDEX 695-001, REMOVE	EA	1.000
	0660- 5- 11	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, FURNISH & INSTALL, CABINET EQUIPMENT	EA	9.000
	0660- 5- 12	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	20.000
	0660- 5- 13	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, FURNISH & INSTALL, IN-ROAD ELECTRONICS	EA	90.000
	0660- 5- 62	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, REMOVE ABOVE GROUND EQUIPMENT	EA	16.000
	0660- 5- 63	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, REMOVE IN-ROAD UNIT	EA	87.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	3.000
	0682- 1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA	3.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	3.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	3.000