

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

Letting: CT210127 Call Order: 028 Proposal: T5734 District:05  
 Counties: BREVARD  
 Road Name: SR 3 AND SR 528  
 Limits: FROM SR 528 TO THE KENNEDY SPACE CENTER GATE AND TO GRANT/SMITH RD  
 Project(s): 44101315201(\*) Federal Aid No: D518106B  
 Total Roadway Length: 6.212 Miles Contract Days: 190  
 Total Bridge Length: 0.000 Miles Letting Date: 01/27/21  
 Total Proposal Length: 6.212 Miles Contract Execution Days: 10  
 Special Start Date: N/A  
 Aquis/Flexible Start Time: 60 Calendar Days  
 Proposal Budget Estimate: \$7,856,414.00

Please read the full advertisement

Description:

The improvements under this contract consist of milling and resurfacing the travel lanes, paved shoulders and medians on SR 3. Bike lanes will be provided along SR 528. The project will also include extending and adding new left turn lanes at various locations to provide additional storage. Other project improvements include American with Disability Act (ADA), guardrail enhancements, drainage, adding intersection lighting and Intelligent Transportation System (ITS) upgrades.

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ALT	Item	Description	Unit	Quantity
<b>Section 0001 Roadway</b>				
	0101- 1-	MOBILIZATION (44101315201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44101315201)	LS	1.000
	0102- 4-	PEDESTRIAN SPECIAL DETOUR (44101315201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	196.000
	0102- 60-	WORK ZONE SIGN	ED	15,870.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	27,236.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	1,002.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	256.000
	0102- 78-	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER	EA	2,187.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	623.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	760.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	760.000
	0104- 10- 3	SEDIMENT BARRIER	LF	24,826.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	158.000
	0107- 1-	LITTER REMOVAL	AC	501.530
	0107- 2-	MOWING	AC	379.050
	0110- 1- 1	CLEARING & GRUBBING (44101315201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	906.000
	0110- 7- 1	MAILBOX, F&I SINGLE	EA	32.000
	0120- 1-	REGULAR EXCAVATION	CY	2,637.200
	0120- 6-	EMBANKMENT	CY	1,487.500
	0160- 4-	TYPE B STABILIZATION	SY	1,943.000

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	0285-703-	OPTIONAL BASE, BASE GROUP 03	SY	547.000
	0285-707-	OPTIONAL BASE, BASE GROUP 07	SY	4,514.000
	0285-711-	OPTIONAL BASE, BASE GROUP 11	SY	179.000
	0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	43,233.000
	0327- 70- 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY	670.000
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	12,432.000
	0327- 70- 8	MILLING EXIST ASPH PAVT, 2 1/2" AVG DEPTH	SY	44,439.000
	0327- 70- 11	MILLING EXIST ASPH PAVT, 2 1/4" AVG DEPTH	SY	122,705.000
	0327- 70- 15	MILLING EXIST ASPH PAVT, 2 3/4" AVG DEPTH	SY	2,469.000
	0327- 70- 20	MILLING EXIST ASPH PAVT, 3 3/4" AVG DEPTH	SY	26,802.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	27,886.300
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	9,462.200
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	1,391.500
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	84.900
	0425- 1-475	INLETS, CURB, TYPE 7, PARTIAL	EA	1.000
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	3.000
	0425- 2- 41	MANHOLES, P-7, <10'	EA	2.000
	0425- 2- 73	MANHOLES, J-7, PARTIAL	EA	10.000
	0425- 5-	MANHOLE, ADJUST	EA	27.000
	0425- 7-	MANHOLE COVER- REPLACE	EA	23.000
	0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	24.000
	0430-174-136	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36"SD	LF	12.000
	0430-174-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18"SD	LF	23.000
	0430-175-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"S/CD	LF	118.000
	0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	13.000
	0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	23.000
	0430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH, 18"S/CD	LF	4.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	1.000
	0430-982-140	MITERED END SECTION, OPTIONAL ROUND, 42" CD	EA	1.000
	0430-982-625	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 18" CD	EA	1.000
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	4.000
	0430-984-129	MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	1.000
	0430-984-138	MITERED END SECTION, OPTIONAL ROUND, 36" SIDE DRAIN	EA	1.000
	0430-984-625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA	4.000
	0515- 1- 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	61.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	186.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	449.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	3,011.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	152.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	284.000
	0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	58.000
	0527- 2-	DETECTABLE WARNINGS	SF	233.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	31.000
	0530- 74-	BEDDING STONE	TN	22.300

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ALT	Item	Description	Unit	Quantity
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	1,091.000
	0536- 8-122	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, EXISTING BRIDGE APPROACH TL-3	EA	1.000
	0536- 8-123	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, EXISTING BRIDGE, TRAILING	EA	1.000
	0536- 73-	GUARDRAIL REMOVAL	LF	971.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	2.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	5.000
	0544- 3- 1	CRASH CUSHION, TL-3, NARROW	EA	1.000
	0546- 72- 3	GROUND-IN RUMBLE STRIPS, 8" SINUSOIDAL	GM	17.238
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	29,984.000
	0571- 1- 11	PLASTIC EROSION MAT, TURF REINFORCED MAT, TYPE 1	SY	138.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	6.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	48.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	3.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	5.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	5.000
	0695- 7-162	TRAFFIC MONITORING SITE CABINET, F&I, TYPE 3, 2 PANE BACK, PEDESTAL MOUNT	EA	1.000
	0695- 7-600	TRAFFIC MONITORING SITE CABINET, REMOVE EXISTING CABINET	EA	3.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	13.208
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.035
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	846.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	257.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	1,120.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	11.979
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	1.060
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	113.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	11.197
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	69.000
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.981
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44101315201)	LS	1.000
<b>Section 0002 Signing</b>				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	82.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	1.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	25.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	85.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	1.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	8.000

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	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	40.000
	0701- 18-201	PROFIED THERMOPLASTIC,STANDARD- ASPHALT SURFACES, YELLOW, SOLID,6"	GM	1.506
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	80.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	159.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44101315201)	LS	1.000
	0711- 11-102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	GM	0.045
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1,730.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	497.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	746.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.144
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	1.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	111.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	286.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.983
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1,125.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	2.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	2.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	12.846
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	11.435
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	9.057
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	1.139
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.691
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.873
<b>Section 0003 Lighting</b>				
	0715- 11-211	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD	EA	4.000
<b>Section 0004 Signalization</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	842.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	896.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	3.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	24.000
	0639- 1-112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS	4.000

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ALT	Item	Description	Unit	Quantity
	0641- 2- 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL-PEDESTAL/SERVICE POLE	EA	1.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	10.000
	0650- 2-109	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT-FURNISH & INSTALL, BACKPLATE- FLEXIBLE REQUIRED	EA	13.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	10.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	1.000
	0660- 2-101	LOOP ASSEMBLY- F&I, TYPE A	AS	1.000
	0660- 2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	14.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	5.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	10.000
	0665- 1- 40	PEDESTRIAN DETECTOR, RELOCATE	EA	5.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	1.000
	0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	3.000
	0671- 2- 50	TRAFFIC CONTROLLER, RELOCATE- WITHOUT CABINET	EA	1.000
	0676- 1-115	TRAFFIC SIGNAL CONTROLLER CABINET, FURNISH & INSTALL W/OUT CONTROLLER, NEMA SIZE 5, 30" W X 48" H X 16" D	EA	1.000
	0676- 1-600	TRAFFIC SIGNAL CONTROLLER CABINET, REMOVE	EA	1.000
<b>Section 0005 Intelligent Transportation System</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	559.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	441.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	180.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	6.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	1.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	810.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	15.000
	0639- 1-112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS	3.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	771.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	3.000
	0641- 2- 14	PRESTRESSED CONCRETE POLE, F&I, TYPE P-IV	EA	5.000
	0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	3.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	3.000
	0676- 3- 10	SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D	EA	1.000
	0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION	EA	2.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	6.000
	0684- 6- 11	WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL ETHERNET ACCESS POINT	EA	6.000
	0684- 6- 12	WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL ETHERNET SUBSCRIBER UNIT	EA	6.000
	0685- 1- 12	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION	EA	5.000