

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting:	CT250827	Call Order: 006	Proposal: T4688	District:04
Counties:	BROWARD			
Road Name:	SR 817 (UNIVERSITY DR)			
Limits:	FROM N OF SR 824 (PEMBROKE RD) TO N OF JOHNSON ST			
Project(s):	44359715201(*)	Federal Aid No:	D425023B	
Project(s):	44359715202	Federal Aid No:	N/A	
Total Roadway Length:	1.747 Miles	Contract Days:	1064	
Total Bridge Length:	0.000 Miles	Letting Date:	08/27/25	
Total Proposal Length:	1.747 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	120 Days	
Proposal Budget Estimate:	\$40,154,187.00			

Please read the full advertisement

Description:

The Improvements under this Contract consist of, but are not limited to, MOT (standard, special detour, low profile barrier, PLCD, RPM, PCMS, signalization, traffic detection, ITS, barricade), protections (sediment, floating turbidity, inlet), monitor structures (inspection, settlement, vibration), excavation (regular, subsoil, channel), asphalt (milling, resurfacing, miscellaneous), concrete (removal, gravity wall, bulkhead, curb, curb and gutter, traffic separator, traffic railing, sidewalk, driveways, bus shelter pad, prestressed pole), riprap, steel (reinforcing), pavement markings (detectable, directional, RPM, painted, thermoplastic, bike lane), signing (single-column, multi-column, panel, panel relocate, panel remove, sign strip, tubular marker, DMS, DMS remove, front-access DMS, overhead static, overhead static remove, internally-illuminated), lighting (conductors, luminaire, pole complete, cable distribution system), signalization (cable, cable repair, fiber optic cable, fiber optic connection, aluminum pole, steel mast arm, vehicular signal and detector and auxiliaries, pedestrian signal and detector, controller, cabinet, field ethernet), traffic monitoring (weight, speed, loop assembly, cabinet, cabinet remove), ITS (subsurface, location, multi-conductor communication cable), conduit, pull/splice box, electrical (service, service wire, meter, disconnect), drainage (inlets, manholes, adjust structures, pipe culvert, end wall, French drain), pavers, guardrail (removal, general, pipe rail, special post, transition, end treatment), utilities (place pipe out of service, PVC pipe, HDPE pipe, fittings, fixtures, structure), fencing, tree (protect, prune, relocate, remove), irrigation, and sod along State Road 817 (University Drive) from north of State Road 824 (Pembroke Road) to north of Johnson Street for 1.747 miles in the City of Pembroke Pines, Broward County.

Call Order: 006 Proposal: T4688

ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44359715201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44359715201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (44359715201)	LS	1.000
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (44359715201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	296.000
	0102- 60-	WORK ZONE SIGN	ED	81,147.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	8,950.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	3,168.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	395,740.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	25,830.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	127.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	4,340.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	5,320.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	5,320.000

Call Order: 006 Proposal: T4688

ALT	Item	Description	Unit	Quantity
	0102-112-	EXISTING ITS MAINTENANCE	DA	1,064.000
	0102-115-	TYPE III BARRICADE	ED	3,480.000
	0104- 10- 3	SEDIMENT BARRIER	LF	9,190.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	2,923.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	4.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	118.000
	0107- 1-	LITTER REMOVAL	AC	580.630
	0107- 2-	MOWING	AC	334.280
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44359715201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (44359715201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44359715201)	LS	1.000
	0110- 2- 2	SELECTIVE CLEARING AND GRUBBING, AREAS WITH TREES TO REMAIN	AC	0.860
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	16,886.000
	0110- 21-	TREE PROTECTION BARRIER	LF	4,119.000
	0110- 22-	TREE ROOT AND BRANCH PRUNING	EA	8.000
	0110- 23-	TREE REMOVAL	EA	2.000
	0120- 1-	REGULAR EXCAVATION	CY	6,808.600
	0120- 4-	SUBSOIL EXCAVATION	CY	2,504.800
	0120- 5-	CHANNEL EXCAVATION	CY	33,222.000
	0120- 6-	EMBANKMENT	CY	15,779.000
	0160- 4-	TYPE B STABILIZATION	SY	20,923.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	15,764.000
	0327- 70- 5	MILLING EXISTING ASPHALT PAVEMENT, 2" AVG DEPTH	SY	85,394.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	2,742.700
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	11,123.900
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	301.900
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	2,034.000
	0400- 4- 8	CONC CLASS IV, BULKHEAD	CY	838.800
	0415- 1- 6	REINFORCING STEEL- MISCELLANEOUS	LB	1,338.000
	0415- 1- 8	REINFORCING STEEL- BULKHEAD	LB	59,054.000
	0425- 1-201	INLETS, CURB, TYPE 9, <10'	EA	2.000
	0425- 1-211	INLETS, CURB, TYPE 10, <10'	EA	2.000
	0425- 1-214	INLETS, CURB, TYPE 10, J BOT >10'	EA	1.000
	0425- 1-331	INLETS, CURB, TYPE P-3, <10'	EA	1.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	38.000
	0425- 1-352	INLETS, CURB, TYPE P-5, >10'	EA	2.000
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	18.000
	0425- 1-451	INLETS, CURB, TYPE J-5, <10'	EA	4.000
	0425- 1-452	INLETS, CURB, TYPE J-5, >10'	EA	2.000
	0425- 1-461	INLETS, CURB, TYPE J-6, <10'	EA	3.000
	0425- 1-462	INLETS, CURB, TYPE J-6, >10'	EA	3.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	3.000

Call Order: 006 Proposal: T4688

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	0425- 2- 41	MANHOLES, P-7, <10'	EA	8.000
	0425- 2- 43	MANHOLES, P-7, PARTIAL	EA	1.000
	0425- 2- 71	MANHOLES, J-7, <10'	EA	4.000
	0425- 2- 72	MANHOLES, J-7, >10'	EA	15.000
	0425- 2- 73	MANHOLES, J-7, PARTIAL	EA	1.000
	0425- 2- 75	MANHOLES, J-7, >10' CONTROL STRUCTURE	EA	19.000
	0425- 5-	MANHOLE, ADJUST	EA	5.000
	0425- 6-	VALVE BOXES, ADJUST	EA	11.000
	0425- 8-	DRAINAGE STRUCTURES, MISCELLANEOUS, ADJUST	EA	2.000
	0430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	104.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	4,607.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	503.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	42.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	80.000
	0430-175-154	PIPE CULVERT, OPT MATERIAL, ROUND, 54"S/CD	LF	18.000
	0430-175-215	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 15"S/CD	LF	18.000
	0430-518-100	STRAIGHT CONCRETE ENDWALLS, 18", SINGLE, 0 DEGREES, ROUND	EA	4.000
	0430-524-100	STRAIGHT CONCRETE ENDWALLS, 24", SINGLE, 0 DEGREES, ROUND	EA	11.000
	0430-530-100	STRAIGHT CONCRETE ENDWALLS, 30", SINGLE, 0 DEGREES, ROUND	EA	1.000
	0430-554-100	STRAIGHT CONCRETE ENDWALLS, 54", SINGLE, 0 DEGREES, ROUND	EA	1.000
	0443- 70- 4	FRENCH DRAIN, 24"	LF	1,508.000
	0455- 35- 10	STEEL PILING, HP 16 X 101	LF	105.000
	0455- 35- 12	STEEL PILING, HP 16 X 88	LF	1,010.000
	0455-133- 3	SHEET PILING STEEL, F&I PERMANENT	SF	120,660.000
	0515- 1- 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	60.000
	0515- 2-311	PEDESTRIAN/ BICYCLE RAILING, ALUMINUM ONLY,42" TYPE 1	LF	2,449.000
	0515- 4- 2	BULLET RAIL, DOUBLE RAIL	LF	2,272.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	29,106.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	1,119.000
	0520- 5- 41	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 4' WIDE	LF	3,390.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	279.000
	0521- 5- 4	CONCRETE TRAFFIC RAILING- BRIDGE, 32" VERTICAL FACE	LF	1,341.000
	0521- 8- 3	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 32" VERTICAL FACE	LF	981.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	10,945.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	3,465.000
	0522- 4-	BUS SHELTER PAD- CONCRETE	SY	184.000
	0526- 1- 2	PAVERS, ARCHITECTURAL, SIDEWALK	SY	186.000
	0527- 2-	DETECTABLE WARNINGS	SF	1,528.000
	0530- 74-	BEDDING STONE	TN	4,801.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	7,456.000
	0536- 6-	PIPE RAIL FOR GUARDRAIL	LF	2,182.000

Call Order: 006 Proposal: T4688

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	0536- 7- 2	SPECIAL GUARDRAIL POST- SPECIAL STEEL POST FOR CONCRETE STRUCTURE MOUNT	EA	44.000
	0536- 7- 3	SPECIAL GUARDRAIL POST- ENCASED POST FOR SHALLOW MOUNT	EA	162.000
	0536- 8-112	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, APPROACH TL-3	EA	6.000
	0536- 8-113	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, TRAILING	EA	10.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	9.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	6.000
	0550- 10-130	FENCING, TYPE A, 6.1-7.0, STANDARD	LF	1,081.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	11,460.000
	0590- 70- 5	IRRIGATION SYSTEM- MODIFY EXISTING SYSTEM (44359715201)	LS	1.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	70.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	100.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	3.000
	0639- 8-130	ELECTRICAL POWER SERVICE- CONTRIBUTION IN AID OF CONSTRUCTION (CIAC), FPL (DO NOT BID) (44359715201)	LS	1.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	6.000
	0695- 3- 11	TRAFFIC MONITORING SITE SPEED/CLASSIFICATION UNIT, FURNISH & INSTALL, VOLUME SPEED AND CLASSIFICATION	AS	1.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	6.000
	0695- 7-141	TRAFFIC MONITORING SITE CABINET, FURNISH & INSTALL, TYPE 4, BASE MOUNT	EA	1.000
	0695- 7-600	TRAFFIC MONITORING SITE CABINET, REMOVE EXISTING CABINET	EA	1.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	2,564.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	26.850
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	4,730.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	4,605.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	25.100
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	183.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	10.480
	0710- 12-160	PAINTED PAVEMENT MARKINGS, DURABLE, WHITE, MESSAGE OR SYMBOL	EA	51.000
	0919-528-100	DIRECTIONAL INDICATORS	SF	14.000
	0920-530-100	FABRIC FORMED CONCRETE RIPRAP	SY	26,500.000
	0999- 16-	PARTNERING, DO NOT BID (44359715201)	LS	1.000
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	15.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	2.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44359715201)	LS	1.000
	0999- 26-	LOCAL AGENCY INITIAL CONTINGENCY AMOUNT (DO NOT BID) (44359715202)	LS	1.000
Section 0002 Signing				
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	85.000

Call Order: 006 Proposal: T4688

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	0700- 1-112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	16.000
	0700- 1-113	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	1.000
	0700- 1-500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	14.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	53.000
	0700- 2-113	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	1.000
	0700- 2-114	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 30.1-50.0 SF	EA	5.000
	0700- 2-115	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 50.1-100.0 SF	EA	4.000
	0700- 2-600	MULTI-COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	8.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	7.000
	0700- 3-205	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF	EA	5.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	11.000
	0700- 3-605	SIGN PANEL, REMOVE, 51-100 SF	EA	5.000
	0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	1.000
	0700- 4-611	OVERHEAD STATIC SIGN STRUCTURE, SHALLOW FOUNDATION REMOVAL, CANTILEVER	EA	1.000
	0700- 8-136	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL-W/UPS, FULL COLOR, 101-200 SF	EA	1.000
	0700- 10-123	DMS SUPPORT STRUCTURE, CANTILEVER, 31-40 FT	EA	1.000
	0700- 10-600	DMS SUPPORT STRUCTURE, REMOVE	EA	1.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	50.000
	0704- 1- 4	TUBULAR MARKER, 36" YELLOW POST	EA	22.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	2,519.000
	0710- 12-290	PAINTED PAVEMENT MARKINGS, DURABLE PAINT, YELLOW, ISLAND NOSE	SF	163.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44359715201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	4,728.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	116.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	1,604.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.472
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	10.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	166.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	67.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.280
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	3,001.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	41.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	17.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	8.950

Call Order: 006 Proposal: T4688

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	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.069
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	6.807
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	3.494
	0714- 10-	GREEN-COLORED PAVEMENT MARKINGS, BIKE LANE	SF	3,098.000
Section 0003 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	11,795.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	4,274.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	95.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	3.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	180.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	3.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	51,098.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	6,229.000
	0715- 5- 51	LUMINAIRE & BRACKET ARM, REMOVE LUMINAIRE AND ARM; POLE REMAINS	EA	2.000
	0715- 11-211	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD	EA	2.000
	0715- 61-452	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT, 15' ARM LENGTH	EA	19.000
	0715- 62-452	LIGHT POLE COMPLETE, F&I, STANDARD POLE SPECIAL FOUNDATION, 45' MOUNTING HEIGHT, 15' ARM LENGTH	EA	49.000
	0715- 66-466	LIGHT POLE COMPLETE, F&I, UTILITY CONFLICT POLE SPECIAL FOUNDATION, 45' MOUNTING HEIGHT, 16' ARM LENGTH	EA	13.000
	0715- 69-000	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	52.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	81.000
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,289.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,674.000
	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	60.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	3.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	1,050.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	3.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	3.000
	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	3.000
	0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	3.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	94.000
	0635- 2- 30	PULL & SPLICE BOX, INSTALL	EA	4.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	3.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	260.000

Call Order: 006 Proposal: T4688

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	0639- 3- 60	ELECTRICAL SERVICE DISCONNECT, REMOVE- POLE OR CABINET TO REMAIN	EA	3.000
	0641- 2- 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	1.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000
	0641- 2- 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	EA	3.000
	0641- 2- 80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	EA	4.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	26.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	4.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	11.000
	0649- 21- 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA	3.000
	0649- 21- 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA	4.000
	0649- 21- 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA	1.000
	0649- 21- 20	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-70'	EA	1.000
	0649- 21- 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	1.000
	0649- 26- 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION- BOLT ON ATTACHMENT	EA	2.000
	0649- 26- 5	STEEL MAST ARM ASSEMBLY, REMOVE, DEEP FOUNDATION- BOLT ON ATTACHMENT	EA	3.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	27.000
	0650- 1- 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	6.000
	0650- 1- 18	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION STRAIGHT, 1 WAY	AS	1.000
	0650- 2-102	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- FURNISH & INSTALL, BACKPLATE- BLACK WITH REFLECT BORDER	EA	27.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	24.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	6.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	8.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	4.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	15.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	35.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	13.000
	0670- 5-160	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA W/STANDARD LOCK	AS	3.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	3.000
	0676- 1-500	TRAFFIC SIGNAL CONTROLLER CABINET, ADJUST/MODIFY	EA	1.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	3.000

Call Order: 006 Proposal: T4688

ALT	Item	Description	Unit	Quantity
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	12.000
Section 0005 Landscape / Peripheral				
	0581- 1- 7	RELOCATE TREES AND PALMS,PALMS, <14' OF CLEAR TRUNK, SABAL PALM ONLY	EA	3.000
	0581- 1- 8	RELOCATE TREES AND PALMS, >=14' OF CLEAR TRUNK, SABAL PALM ONLY	EA	5.000
	0581- 1-330	RELOCATE TREES AND PALMS, TREE, 6.1" TO 8.0" DBH	EA	1.000
	0581- 1-340	RELOCATE TREES AND PALMS, TREE, 8.1" TO 14.0" DBH	EA	1.000
Section 0006 Utilities				
	1050- 18-006	UTILITY PIPE,PLUG & PLACE OUT OF SERVICE, 50" OR LARGER	LF	700.000
	1050- 31-212	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 12"	LF	20.000
	1050- 42-214	UTILITY PIPE- HIGH DENSITY POLYETHYLENE, FURNISH & INSTALL, WATER/SEWER, 14"	LF	720.000
	1055- 41-414	UTILITY FITTINGS FOR PE PIPE, FURNISH & INSTALL, UNION, 14"	EA	2.000
	1055- 51-112	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 12"	EA	2.000
	1055- 51-114	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 14"	EA	2.000
	1055- 51-314	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL REDUCER, 14"	EA	2.000
	1055- 51-512	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 12"	EA	2.000
	1060- 11-211	UTILITY STRUCTURE, BELOW GROUND, F&I, WATER/SEWER, 0 - 80 FT3, 0 - 6'	EA	1.000
	1080- 21-112	UTILITY FIXTURE, VALVE/METER BOX, FURNISH & INSTALL, 12"	EA	2.000
	1080- 23-112	UTILITY FIXTURE- TAPPING SADDLE/SLEEVE, FURNISH & INSTALL, 12"	EA	2.000
	1080- 24-112	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 12"	EA	2.000
	1080- 26-102	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH & INSTALL 2"	EA	1.000
	1080- 27-112	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 12"	EA	2.000
	1080- 33-112	UTILITY FIXTURE, PLUG VALVE, FURNISH AND INSTALL 12"	EA	2.000
Section 0007 Intelligent Transportation System				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	1.747
	0611- 2- 1	ITSFM LOCATION DOCUMENTATION- INTERSECTION	EA	5.000
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	4.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,385.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	150.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	1,735.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	4,500.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	3,335.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	12.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	4.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	4.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	3.000

Call Order: 006 Proposal: T4688

ALT	Item	Description	Unit	Quantity
	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	3.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	4.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	3.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	1,064.000
	0633- 8- 6	MULTI-CONDUCTOR COMMUNICATION CABLE, REMOVE	LF	650.000
	0633- 8- 11	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL, CAT 6	LF	705.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	21.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	14.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	3.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	3.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	1,080.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	1,080.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	7.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	3.000
	0641- 2- 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	EA	3.000
	0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	1.000
	0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	1.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	1.000
	0676- 2-142	ITS CABINET, FURNISH & INSTALL, BASE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	1.000
	0682- 1-163	ITS CCTV CAMERA, PRESSURIZED, IP, HIGH DEFINITION	EA	2.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	4.000
	0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	2.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	3.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	3.000