

INVITATION TO BID
OFFICE OF THE CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ORLANDO, FLORIDA

Sealed Bids for the work generally described below will be received on February 16, 2016, in the headquarters office of the Central Florida Expressway Authority, 4974 ORL Tower Road Orlando, Florida 32807 until 1:30 p.m., Orlando local time, as shown on the time/date stamp clock at the receptionist's desk in the lobby. The clock will serve as the official instrument to determine when a bid is received. A submittal that is clocked in after the date/time specified will be rejected and not accepted. Rejection of a submittal under those circumstances shall not be the basis of a protest pursuant to the CFX Procedure for Resolution of Protests.

**S.R. 453 (WEKIVA PARKWAY) FROM LAKE COUNTY LINE TO S.R. 46
PROJECT NO. 429-206; CONTRACT NO. 001138**

The work consists of providing all labor, materials, equipment and incidentals necessary to construct S.R. 429 from the Lake County line to S.R. 46 east of Round Lake Road. This project will extend north from the Systems Interchange and will include construction of the intersection of S.R. 429 terminus at S.R. 46 in Lake County, Florida (the "Project").

The Contract time for this project will be 600 calendar days.

At the time of Bid submittal, Bidder as the "prime" contractor shall be prequalified by the Florida Department of Transportation under Administrative Rule 14-22, Florida Administrative Code, in the combination of Grading, Drainage and Flexible Paving. A copy of the current Certificate of Qualification by the Bidder in the combination of Grading, Drainage and Flexible Paving shall be submitted with the Bid. Certification in Major Bridge—Cast in Place/Post-Tensioned/Super-Structure or Major Bridge—Concrete Segmental Construction is also required; however, prequalification for either of the Major Bridge categories can be satisfied by the certification of the Bidder or by the certification of a subcontractor, a joint venture member or partner. A copy of the subcontractor's, joint venture member's or partner's current Certificate of Qualification for either of the Major Bridge categories shall be submitted with the Bid. Failure to submit the required certificates may result in rejection of the Bid as non-responsive. Bidder shall use prequalified subcontractors for all classes of work for which the Bidder is not prequalified that exceed \$250,000 in value.

The Central Florida Expressway Authority, in accordance with the Provisions of Title VII of the Civil Rights Act of 1964, as amended, 42 U.S.C. § 2000e et seq., the Florida Civil Rights Act of 1992, as amended, § 760.10 et seq., Fla. Stat. (1996), and other federal and state discrimination statutes, prohibits discrimination on the basis of race, color, sex, age, national origin, religion, and disability or handicap. CFX notifies all Bidders and individuals it requires and encourages equal employment opportunity for minority and women as employees and subcontractors.

CFX is receiving a loan from the U.S. Department of Transportation Federal Highway Administration under the Transportation Infrastructure Finance and Innovation Act (TIFIA) program to construct this project. Pursuant to the requirements for this loan, CFX is required to have a Disadvantaged Business Enterprise (DBE) Program in place to comply with applicable laws and regulations. To meet this requirement, CFX has adopted the Florida Department of Transportation's DBE program for this solicitation (<http://www.dot.state.fl.us/equalopportunityoffice/DBEProgram.shtm>). CFX's M/WBE program will not apply. The race neutral goal set for this project is 9.91%.

From the first date of publication of this invitation, no person may contact any CFX Board Member, Officer or Employee with respect to this invitation or the services to be provided. Reference is made to the lobbying guidelines of CFX for further information regarding this Non-Solicitation Provision.

All work shall be done in accordance with the Bidding Documents of the Central Florida Expressway Authority.

It is CFX's intent to award the project to the lowest responsive and responsible Bidder. CFX specifically reserves the right to take a Bidder's past performance with CFX (and others) into consideration in determining whether the Bidder and Bid are responsive, responsible and qualified and most advantageous to CFX.

By submitting its Bid, the Bidder is signifying its awareness and understanding that the Bid process will be subject in all respects to the provisions of applicable laws, rules and regulations and the policies of CFX (as they may be amended or modified from time to time).

Pursuant to Florida Statutes, Section 119.07(1), upon the earlier to occur of (i) CFX's Notice of Award of the contract, or (ii) thirty days after Bid opening, all Bids submitted pursuant to this Invitation to Bid (including all components thereof and all other materials submitted in connection therewith) shall become public records. Thereafter (with very limited exceptions) all Bids, proposals, documents, letters, software and other materials submitted to CFX by on behalf of any Bidder (including material that a Bidder may consider confidential or proprietary) may be inspected, examined and copied by any person desiring to do so in accordance with Florida Statutes, Chapter 119. It is not necessary for any person to obtain the consent of CFX, or the Bidder, to exercise its right under Chapter 119.

Any Bidder adversely affected by: (i) Bid specifications, (ii) a notice of an intended decision (including, but not limited to, a Notice of Intent to Award or Notice of Intent to Reject), or (iii) a decision (including, but not limited to a Notice of Award of Contract), who desires to protest must comply with the proper procedures in the Central Florida Expressway Authority's Procedure for Resolution of Protests, Rule Chapter 3-1, which is available for review upon request at the CFX Office, 4974 ORL Tower Road, Orlando, Florida. Failure to comply with Rule Chapter 3-1 shall constitute a waiver of any right to initiate protest proceedings. A protest bond in the amount of \$5,000.00 is required to protest the Bid package or Bid solicitation. A protest bond in the amount of

\$5,000.00, or 1% of the lowest bid submitted, whichever is greater, will be required to protest a Notice of Intent to Award or Notice of Intent to Reject.

The Bidding Documents for this Project consist of the specifications and the construction plans set which may be downloaded from www.cfxway.com/DoingBusinessWithUs/Procurement/ProcurementAccountLogineProcurementRegistrati.aspx commencing January 4, 2016. Registration is required in order to download.

A pre-bid meeting will be held on January 19, 2016, beginning at 10:00 a.m., in the CFX office at the address shown above. The purpose of the meeting will be to discuss requirements of the project in an open forum. Although not mandatory, attendance at the pre-bid meeting is highly recommended.

Each Bid must be submitted in a separate sealed envelope with the name of the Bidder, Bidder's address, and the project number written on the outside. For information and question submission concerning this project during the Bidding process, email: constructionproject429-206@cfxway.com

Proposals must be accompanied by a Proposal Guaranty or Cashier's Check, made payable to the Central Florida Expressway Authority, of not less than five percent (5%) of the total Bid. The Guaranty shall be forfeited as liquidated damages if the Proposal is accepted and the Successful Bidder fails to execute the Contract under the conditions of the Proposal and said guaranty will be returned to the Successful Bidder upon the delivery of a satisfactory Public Construction Bond.

All Bids shall remain open for acceptance by CFX for ninety (90) calendar days after the day of the Bid opening. The right is reserved by CFX to reject any or all Bids.

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Claude Miller
Director of Procurement

*** Original Quantities***
CFX PROJECT NO. 429-206; CONTRACT NO.001138
S.R. 453 (WEKIVA PARKWAY) FROM LAKE COUNTY LINE TO S.R. 46

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
101-1	1	LS	MOBILIZATION
102-1	1	LS	MAINTENANCE OF TRAFFIC
107-2-1	1	LS	MOWING (FLAT & SLOPE)
110-1-1	1	LS	CLEARING & GRUBBING
110-7	9	EA	MAILBOX, FURNISH AND INSTALL
120-1	991,376	CY	REGULAR EXCAVATION
120-4	881	CY	SUBSOIL EXCAVATION
120-6	934,208	CY	EMBANKMENT
160-4	152,609	SY	TYPE "B" STABILIZATION
162-1-11	8,465	SY	PREPARED SOIL LAYER, FINISH SOIL LAYER
285-701	1,288	SY	BASE GROUP 1 (4" LIMEROCK LBR 100)
285-702	2,965	SY	BASE GROUP 2 (5" LIMEROCK LBR 100)
285-705	30,108	SY	BASE GROUP 5 (7" LIMEROCK LBR 100)
285-706	5,723	SY	BASE GROUP 6 (8" LIMEROCK LBR 100)
285-709	44,354	SY	BASE GROUP 9 (10" LIMEROCK LBR 100)
285-711	56,626	SY	BASE GROUP 11 (12" LIMEROCK LBR 100)
327-70-6	4,093	SY	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH
334-1-13	5,491	TN	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)
334-1-14	6,138	TN	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC D)
334-1-22	1,771	TN	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC B), (PG 76-22, PMA)
334-1-24	8,520	TN	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC D) (PG 76-22)
337-7-22	2,382	TN	ASPH. CONC. FRICTION COURSE (3/4") (FC-5) (PG76-22) (BLACK GRANITE)
337-7-43	4,496.1	TN	ASPHALTIC CONCRETE FRICTION COURSE (T-L C), FC-12.5, PG 76-22, PMA
339-1	657.4	TN	MISCELLANEOUS ASPHALT PAVEMENT
400-1-2	48.6	CY	CONCRETE CLASS I, ENDWALLS
400-2-4	1,536.8	CY	CONCRETE CLASS II, SUPERSTRUCTURE
400-2-10	1,210.7	CY	CONCRETE CLASS II, APPROACH SLABS
400-4-11	1,762	CY	CONCRETE CLASS IV, RETAINING WALLS
400-4-25	1,965.1	CY	CONCRETE CLASS IV, MASS, SUPERSTRUCTURE
400-4-4	1,414.2	CY	CONCRETE CLASS IV, SUPERSTRUCTURE
400-4-5	397.4	CY	CONCRETE CLASS IV, SUBSTRUCTURE
400-9	7,655	SY	BRIDGE DECK GROOVING & PLANING, DECK 8.5" &>
400-16-22	68	CY	CONCRETE CLASS IV, SUPERSTRUCTURE CLOSURE JOINT
400-147	33	CF	COMPOSITE NEOPRENE PADS
415-1-1	2,659	LB	REINFORCING STEEL- ROADWAY
415-1-3	153,923	LB	REINFORCING STEEL- RETAINING WALL
415-1-4	772,845	LB	REINFORCING STEEL- SUPERSTRUCTURE
415-1-5	403,195	LB	REINFORCING STEEL- SUBSTRUCTURE
415-1-9	236,794	LB	REINFORCING STEEL- APPROACH SLABS
425-1-311	12	EA	INLET (CURB) (TYPE P-1) (<10')

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425-1-312	5	EA	INLET (CURB) (TYPE P-1) (>10')
425-1-321	2	EA	INLET (CURB) (TYPE P-2) (<10')
425-1-322	1	EA	INLET (CURB) (TYPE P-2) (>10')
425-1-412	7	EA	INLET (CURB) (TYPE J-1) (>10')
425-1-511	10	EA	INLETS, DT BOT, TYPE B, <10'
425-1-513	2	EA	INLETS, DT BOT, TYPE B, J-BOT. <10'
425-1-521	7	EA	INLETS, DT BOT, TYPE C, <10'
425-1-701	41	EA	INLET (GUTTER TYPE S) <10'
425-1-702	3	EA	INLET (GUTTER TYPE S) >10'
425-1-703	1	EA	INLET (GUTTER TYPE S), J-BOT. <10'
425-1-704	1	EA	INLET (GUTTER TYPE S), J-BOT. >10'
425-1-711	1	EA	INLET (GUTTER TYPE V), <10'
425-1-801	9	EA	INLETS, MEDIAN BARRIER, TYPE 1 <10'
425-1-811	1	EA	INLETS, MEDIAN BARRIER, TYPE 2 <10'
425-1-841	1	EA	INLETS, MEDIAN BARRIER, TYPE 3 <10'
425-1-891	21	EA	INLET (BARRIER WALL) (TYPE 218) (<10')
425-1-892	2	EA	INLET (BARRIER WALL) (TYPE 218) (>10')
425-1-894	1	EA	INLET (BARRIER WALL) (TYPE 218) (J-BOT.)(>10')
425-2-61	2	EA	MANHOLE (TYPE P-8) (<10')
425-2-91	6	EA	MANHOLE (TYPE J-8) (<10')
425-2-92	4	EA	MANHOLE (TYPE J-8) (>10')
430-173-118	1,378	LF	PIPE CULVERT, OPTIONAL MATERIAL, RND, 18" GD (BCCMP)
430-173-124	402	LF	PIPE CULVERT, OPTIONAL MATERIAL, RND, 24" GD (BCCMP)
430-173-130	250	LF	PIPE CULVERT, OPTIONAL MATERIAL, RND, 30" GD (BCCMP)
430-175-118	5,303	LF	PIPE CULVERT, RND, 18" STORM AND CROSS DRAIN
430-175-124	1,652	LF	PIPE CULVERT, RND, 24" STORM AND CROSS DRAIN
430-175-130	1,098	LF	PIPE CULVERT, RND, 30" STORM AND CROSS DRAIN
430-175-136	1,130	LF	PIPE CULVERT, RND, 36" STORM AND CROSS DRAIN
430-175-148	313	LF	PIPE CULVERT, RND, 48" STORM AND CROSS DRAIN
430-175-154	699	LF	PIPE CULVERT, RND, 54" STORM AND CROSS DRAIN
430-175-136	732	LF	PIPE CULVERT, RND, CLASS IV 36" STORM AND CROSS DRAIN
430-175-148	158	LF	PIPE CULVERT, RND, CLASS IV 48" STORM AND CROSS DRAIN
430-185-136	276	LF	PIPE CULVERT, RND,, JACK & BORE, 36" STORM AND CROSS DRAIN
430-611-025	1	EA	U-ENDWALL, STD 261, BAFFLES, 1:6 SLOPE, 18" PIPE
430-611-033	3	EA	U-ENDWALL, STD 261, BAFFLES, 1:6 SLOPE, 30" PIPE
430-611-125	5	EA	U-ENDWALL (WITH BAFFLES) (1:4) 18"
430-611-225	18	EA	U-ENDWALL (WITH BAFFLES) (1:3) 18"
430-611-229	3	EA	U-ENDWALL, STD 261 (WITH BAFFLES) (1:3) 24"
430-611-233	2	EA	U-ENDWALL, STD 261 (WITH BAFFLES) (1:3) 30"

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ITEM NO.	QUANTITY	UNIT	DESCRIPTION
430-982-129	2	EA	MITERED END SECTION (ROUND) 24" CD
430-984-125	1	EA	MITERED END SECTION (ROUND) 18"SD
450-1-7	1,222	LF	PRESTRESSED BEAM (SPECIAL RECTANGULAR HAUNCHED BEAM)
450-1-7	1,002	LF	PRESTRESSED BEAM (SPECIAL POST-TENSIONED FUB)
455-34-3	9,827	LF	PRESTRESSED CONCRETE PILING, 18" SQ
455-35-6	28,454	LF	STEEL PILING, HP 14X89
455-143-3	695	LF	TEST PILES-PRESTRESSED CONCRETE, 18" SQ.
455-144-6	1,850	LF	TEST PILES-STEEL, HP14X89
458-1-11 NR	1,061	LF	BRIDGE DECK EXPN JT, NEW CONST, F&I POURED JOINT W/ BACKER ROD
459-71	4,524	SY	PILES, POLYETHYLENE SHEETING
460-2-1	15,750	LB	STRUCTURAL STEEL - NEW (CARBON)
460-2-2	1,801,560	LB	STRUCTURAL STEEL - NEW (LOW ALLOY)
461-113-16	4	EA	MULTI ROTATIONAL BEARING ASSEMBLY- FIXED, F&I, 1251-1500 KIPS
461-114-16	8	EA	MULTI ROTATIONAL BEARING ASSEMBLY- EXPANSION, F&I, 1251-1500 KIPS
462-2-11	8	LB	POST TENSIONING TENDONS, SUPERSTRUCTURE STRAND
515-2-311	425	LF	PEDESTRIAN/BICYCLE RAILING, ALUM, 42" TYPE 1, PICKET INFILL PANEL*
520-1-7	3,083	LF	CONCRETE CURB & GUTTER, TYPE E
520-1-10	6,813	LF	CONCRETE CURB & GUTTER, TYPE F
520-6	8,990	LF	SHOULDER GUTTER, CONCRETE
520-5-11	606	LF	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE
520-5-16	223	LF	TRAFFIC SEPARATOR CONCRETE-TYPE I, 8.5' WIDE
521-1	2,647	LF	MEDIAN CONCRETE BARRIER WALL
521-5-1	1,685	LF	CONCRETE TRAFFIC RAILING, BRIDGE 32" F-SHAPE
521-5-3	344	LF	CONCRETE TRAFFIC RAILING, BRIDGE 32" F-SHAPE, MEDIAN, DOUBLE FACE
521-5-9	1,638	LF	CONCRETE TRAFFIC RAILING, BRIDGE, SPECIAL DESIGN
521-6-31	189	LF	CONCRETE PARAPET (RETAINING WALL SYSTEM MOUNTED W/ SW) 27" HT
521-7-1	1,949	LF	CONCRETE TRAFFIC RAILING BARRIER-RETAINING WALL SYSTEM, F SHAPE WITH SOUND/NOISE BARRIER WALL 8' HEIGHT
521-8-1	374	LF	CONCRETE TRAFFIC RAILING BARRIER WITH JUNCTION SLAB, 32" F- SHAPE
521-8-3	24	LF	CONCRETE TRAFFIC RAILING BARRIER W/ JUNCT SLAB, 32" VERTICAL FACE
521-72-3	61	LF	SHOULDER CONCRETE BARRIER WALL (RIGID - SHOULDER)
521-72-4	12,998	LF	SHOULDER CONCRETE BARRIER WALL (RIGID - RETAINING)
522-1	2,597	SY	CONCRETE SIDEWALK, 4" THICK
522-2	191	SY	CONCRETE SIDEWALK, 6" THICK
524-1-1	191	SY	CONCRETE DITCH PAVEMENT, NON REINFORCED, 3"
524-1-2	5,313	SY	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"
524-2-2	261	SY	CONCRETE SLOPE PAVEMENT 4" (NON-REINFORCED)*
527-2	155	SF	DETECTABLE WARNINGS
530-1	155	CY	RIPRAP, SAND CEMENT
530-3-4	109	TN	RIPRAP, RUBBLE, DITCH LINING

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ITEM NO.	QUANTITY	UNIT	DESCRIPTION
536-1-1	8,010	LF	GUARDRAIL (ROADWAY)
536-1-3	375	LF	GUARDRAIL (ROADWAY) (DOUBLE FACE)
536-5-1	375	LF	RUB RAIL FOR GUARDRAIL (SINGLE SIDED)
536-8-1	5	EA	GUARDRAIL, BRIDGE ANCHORAGE ASSEMBLY, INSTALL
536-82	3	EA	GUARDRAIL ANCHORAGE - CONCRETE BARRIER
536-85-22	6	EA	GUARDRAIL END ANCHORAGE ASSEMBLY (TYPE FLARE) (SRT-350 ONLY)
536-85-25	5	EA	GUARDRAIL END ANCHORAGE ASSEMBLY (TYPE II)
544-75-1	2	EA	CRASH CUSHION
546-72-51	6	PM	RUMBLE STRIP (GROUND-IN) (16" MIN. WIDTH)
548-12	115,979	SF	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER
550-10-212	3,409	LF	FENCING (TYPE B) (4') (BLACK VINYL)
550-10-220	13,423	LF	FENCING (TYPE B) (6') (STANDARD)
550-10-222	12,470	LF	FENCING (TYPE B) (6') (BLACK VINYL)
550-10-344	658	LF	FENCING (TYPE R) (7.1-8.0') (VERTICAL)
550-60-211	6	EA	FENCING (TYPE B) (SINGLE), 0-6.0' OPENING
550-60-225	14	EA	FENCE GATE, TYPE B, DOUBLE, 20.1-24' OPENING
555-1	517	LF	DIRECTIONAL BORE (F&I)
570-1-1	58,653	SY	PERFORMANCE TURF (SEEDING)
570-1-2	257,691	SY	PERFORMANCE TURF (SOD)
600-100	1	EA	INSPECTOR TRAINING FOR TRAFFIC MONITORING STATION
600-101	1	EA	INSPECTOR TRAINING FOR DATA COLLECTION SENSORS
600-102	1	EA	INSPECTOR TRAINING FOR CCTV AND CAMERA LOWERING DEVICE
600-104	1	EA	INSPECTOR TRAINING FOR FIBER OPTIC NETWORK
600-105	1	EA	INSPECTOR TRAINING FOR SYSTEM AUXILIARIES
630-2-11	11,566	LF	CONDUIT (F&I) (OPEN TRENCH)
630-2-11	53	LF	3" CONDUIT (F&I) (OPEN TRENCH)
630-2-12	3,026	LF	CONDUIT (F&I) (DIRECTIONAL BORE)
630-2-12	168	LF	3" CONDUIT (F&I) (DIRECTIONAL BORE)
631-100	4	EA	FIBER OPTIC CABLE INVENTORY
632-7-1	1	PI	SIGNAL CABLE (F&I)
633-2-32 NR	12	EA	FO CONNECTION (INSTALL) (TERMINATION)
633-3-16 NR	1	EA	FO CONNECTION HARDWARE (F&I)(FIELD-TERM PATCH PANEL)
633-121-2 NR	5,770	LF	FIBER OPTIC CABLE (12-STRAND FIBER) (F&I)
633-121-3 NR	903	LF	FIBER OPTIC CABLE (24-STRAND FIBER) (F&I)
633-121-4 NR	50,385	LF	FIBER OPTIC CABLE (72-STRAND FIBER) (F&I)
633-141-3 NR	15	EA	FIBER OPTIC SPLICE ENCLOSURE (72 SPLICE) (F&I)
633-141-4 NR	724	EA	FIBER OPTIC FUSION SPLICE
635-1-11	33	EA	PULL BOX (F&I)
635-1-15	15	EA	SMALL FIBER OPTIC PULL BOX (F&I)

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635-1-16	8	EA	LARGE FIBER OPTIC PULL BOX (F&I)
635-2-11	91	EA	PULL & SPLICE BOX (F&I) (STANDARD)
635-2-13	2	EA	PULL & SPLICE BOX (F&I) (30"X60" SPLICE VAULT)
635-3-12	46	EA	JUNCTION BOX (F&I) (MOUNTED)
638-001-0811	20	LF	FIBER OPTIC CONDUIT (8-1" HDPE/SDR 11) (TRENCH OR PLOW)
638-001-0911	13,868	LF	FIBER OPTIC CONDUIT (9-1" HDPE/SDR 11) (TRENCH OR PLOW)
638-001-0211	5,595	LF	FIBER OPTIC CONDUIT (2-1" HDPE/SDR 11) (TRENCH OR PLOW)
638-002-0211	92	LF	FIBER OPTIC CONDUIT (2-2" HDPE/SDR 11) (TRENCH OR PLOW)
638-161-0913	156	LF	FIBER OPTIC CONDUIT, 6" BSP W/9-1" HDPE/SDR 11 DIRECTIONAL BORE
638-163-0513	401	LF	FIBER OPTIC CONDUIT, 6" BSP W/4-1" & 1-2" HDPE/SDR 11 DIR BORE)
638-260-0011 NR	525	LF	FIBER OPTIC CONDUIT, 6" SPLIT BSP SLEEVE
638-261-0911 NR	414	LF	FIBER OPTIC CONDUIT, 6" SPLIT BSP SLEEVE W/9-1" HDPE CONDUITS
638-341-0211	236	LF	FIBER OPTIC CONDUIT, 4" PVC W/2-1" HDPE/SDR 11, TRENCH OR PLOW
638-341-0411	33	LF	FIBER OPTIC CONDUIT, 4" PVC W/4-1" HDPE/SDR 11, TRENCH OR PLOW
638-361-0911	536	LF	FIBER OPTIC CONDUIT, 4" PVC W/9-1" HDPE/SDR 11, TRENCH OR PLOW
638-461-0914	1,055	LF	FIBER OPTIC CONDUIT, 6" BRFG W/9-1" HDPE CONDUITS
639-1-22	3	AS	ELECTRICAL POWER SERVICE ASSEMBLY (F&I)
639-1-123	1	AS	SIGNALS - ELEC. POWER SERV.(F&I)(UNDRGRND.)(METER NOT REQ.)
639-2-1	813	LF	SIGNALS - ELECTRICAL SERVICE WIRE (F&I)
639-3-11	13	EA	ELECTRICAL SERVICE DISCONNECT (F&I) (POLE MOUNT)
641-2-11	16	EA	PRESTRESSED CONCRETE POLE (F&I)(TYPE PII PEDESTAL)
641-2-12	2	EA	PRESTRESSED CONCRETE POLE (F&I)(PII SERVICE POLE)
646-1-11	2	EA	ALUMINUM SIGNALS POLE (F&I) (PEDESTAL)
649-31-303	1	EA	MAST ARM ASSEM.(F&I)(110)(SNGL ARM,W/O LUM)(60)
649-31-314	1	EA	MAST ARM ASSEM.(F&I)(110)(DUAL ARM,W/O LUM)(46-46)
650-1-14	8	AS	TRAFFIC SIGNAL (F&I-ALUMINUM) (3 SECT 1 WAY)
653-1-11	2	AS	PEDESTRIAN SIGNAL (F&I LED COUNTDOWN) (1-WAY)
660-1-109	2	EA	LOOP DETECTOR INDUCTIVE (F&I)(TYPE 9,2 Ch,SS,RM)
660-1-110	1	EA	LOOP DETECTOR INDUCTIVE (F&I)(TYPE 10,2 Ch,SS,RM,TD)
660-2-102	10	AS	LOOP ASSEMBLY (F&I) (TYPE B) (6'x6')
660-2-106	2	AS	LOOP ASSEMBLY (F&I) (TYPE F) (6'x40')
663-74-141 NR	2	EA	DCS FIELD EQUIPMENT 1 LANE (F&I)
663-74-143 NR	3	EA	DCS FIELD EQUIPMENT 3 LANES (F&I)
664-1-140 NR	4	EA	TRAFFIC MONITORING STATION - POLE MOUNTED (F&I)
664-3-142 NR	1	EA	TRAFFIC MONITORING STATION (50' POLE) (F&I)
665-1-11	2	EA	PEDESTRIAN DETECTOR (F&I) (STANDARD)
670-5-110	1	AS	TRAFFIC CNTL ASSEM (F&I) (NEMA) (PRE NONE)
668-13	10	EA	TYPE 170 CABINET (POLE MOUNTED) (F&I)
678-1-111	5	EA	CONTROLLER ACCESSORIES, (F&I), POWER REDUCTION ASSEMBLY

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S.R. 453 (WEKIVA PARKWAY) FROM LAKE COUNTY LINE TO S.R. 46

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
683-101 NR	10	EA	ETHERNET SWITCH (F&I)
683-103 NR	2	EA	TERMINAL SERVER (F&I)
683-105 NR	10	EA	FIBER OPTIC PATCH PANEL (12 PORT) (F&I)
683-106 NR	4	EA	FIBER OPTIC PATCH PANEL (72 PORT) (F&I)
683-110	48	EA	CUT-TO-LENGTH FIBER OPTIC JUMPERS (F&I)
684-1-1 NR	1	EA	MANAGED FIELD ETHERNET SWITCH (F&I)
685-101 NR	10	EA	UNINTERRUPTIBLE POWER SUPPLY (F&I)
685-101A NR	10	EA	REMOTE POWER MANAGER (F&I)
685-103	10	EA	CABINET / ENVIRONMENTAL MONITOR (F&I)
686-101 NR	4	EA	CCTV FIELD ASSEMBLY (F&I)
686-105 NR	1	EA	CAMERA LOWERING SYSTEM (50' POLE)(F&I)
686-105C NR	2	EA	CAMERA LOWERING SYSTEM (30' POLE)(F&I)
700-1-11 NR	34	AS	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF
700-1-12 NR	22	AS	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF
700-1-13 NR	2	AS	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF
700-1-22 NR	12	AS	SINGLE POST SIGN, F&I BARRIER MOUNT, INDEX 11871, 12-20 SF
700-1-60	10	AS	SINGLE POST SIGN, REMOVE
700-1-74 NR	1	AS	SINGLE POST SIGN, F&I CUSTOM, 31+ SF
700-2-13 NR	1	AS	MULTI-POST SIGN, F&I GROUND MOUNT, 21-30 SF
700-2-15 NR	2	AS	MULTI-POST SIGN, F&I GROUND MOUNT, 51-100 SF
700-2-16 NR	5	AS	MULTI-POST SIGN, F&I GROUND MOUNT, 101-200 SF
700-2-18 NR	1	AS	MULTI-POST SIGN, F&I GROUND MOUNT, 301-400 SF
700-3-201C NR	2	EA	SIGN PANEL, F&I OVERHEAD MOUNT, UP TO 12 SF, BRIDGE MOUNTED LOGO
700-3-224 NR	1	EA	SIGN PANEL, F&I OVERHEAD MOUNT, UP TO 50 SF, WITH LIGHTING
700-3-225 NR	2	EA	SIGN PANEL, F&I OVERHEAD MOUNT, 51-100 SF WITH LIGHTING
700-3-226 NR	3	EA	SIGN PANEL, F&I OVERHEAD MOUNT, 101-200 SF WITH LIGHTING
700-3-227 NR	3	EA	SIGN PANEL, F&I OVERHEAD MOUNT, 201-300 SF WITH LIGHTING
700-3-228 NR	3	EA	SIGN PANEL, F&I OVERHEAD MOUNT, 301-400 SF WITH LIGHTING
700-3-230 NR	2	EA	SIGN PANEL, F&I OVERHEAD MOUNT, 501-600 SF WITH LIGHTING
700-3-231 NR	1	EA	SIGN PANEL, F&I OVERHEAD MOUNT, 601 SF AND GREATER, WITH LIGHTING
700-4-112	1	EA	OVERHEAD STATIC SIGN STRUCTURE, F&I, CANTILEVER, 21-30 FT
700-4-113	2	EA	OVERHEAD STATIC SIGN STRUCTURE, F&I, CANTILEVER, 31-40 FT
700-4-115	1	EA	OVERHEAD STATIC SIGN STRUCTURE, F&I, CANTILEVER, 51-100 FT
700-4-125	3	EA	OVERHEAD STATIC SIGN STRUCTURE, F&I, SPAN, 51-100 FT
700-4-126	2	EA	OVERHEAD STATIC SIGN STRUCTURE, F&I, SPAN, 101-150 FT
700-5-22	3	EA	INTERNALLY ILLUMINATED SIGN (F&I)(OVERHEAD MOUNT)(12-18 FT2)
700-10-117	1	EA	DMS SUPPORT STRUCTURE, FULL SPAN (F&I) (151-200)
700-89-12C NR	2	EA	ARTERIAL DYNAMIC MESSAGE SIGN SYSTEM (MONOCHROME)(LED)(FRONT ACCESS)(F&I)
700-89-13F NR	2	EA	DYNAMIC MESSAGE SIGN SYSTEM (FULL COLOR) (LED) (WALK-IN) (F&I)

*** Original Quantities***
CFX PROJECT NO. 429-206; CONTRACT NO.001138
S.R. 453 (WEKIVA PARKWAY) FROM LAKE COUNTY LINE TO S.R. 46

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
705-11-1 NR	134	EA	DELINEATOR, FLEXIBLE TUBULAR
706-3 NR	1,865	EA	RETRO-REFLECTIVE PAVEMENT MARKERS
711-11-123	215	LF	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"
711-11-124	272	LF	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"
711-11-125	294	LF	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"
711-11-151	172	LF	THERMO, STD, WHITE, 2-4 GUIDELINE, 6"
711-11-160	20	EA	THERMOPLASTIC, STANDARD, WHITE, MESSAGE
711-11-170	41	EA	THERMOPLASTIC, STANDARD, WHITE, ARROW
711-11-224	165	LF	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"
711-11-251	72	LF	THERMO, STD, YELLOW, 6-10 GAP EXTENSION, 6"
711-14-160	9	EA	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE
711-16-111	1.49	NM	THERMO, STD- OTHER SURFACES, WHITE, SOLID, 6"
711-16-112	0.21	NM	THERMO, STD- OTHER SURFACES, WHITE, SOLID, 8"
711-16-131	0.863	GM	THERMO, STD- OTHER SURFACES, WHITE, SKIP, 6" (10'-30')
711-16-211	1.576	NM	THERMO, STD- OTHER SURFACES, YELLOW, SOLID, 6"
713-102-122 NR	1,809	LF	PREFORMED TAPE, HP, WHITE, SOLID, 8" (PPRT)
713-102-125 NR	690	LF	PREFORMED TAPE, HP, WHITE, SOLID, 18" (PPRT)
713-102-211 NR	4.091	NM	PREFORMED TAPE, HP, YELLOW, SOLID, 6" (PPRT)
713-102-222 NR	614	LF	PREFORMED TAPE, HP, YELLOW, SOLID, 8" (PPRT)
713-102-225 NR	361	LF	PREFORMED TAPE, HP, YELLOW, SOLID, 18" (PPRT)
713-102-513 NR	4.414	NM	PREFORMED TAPE, HP, B/W CONTRAST, SOLID, 9" (PPRT)
713-102-533 NR	6.487	GM	PREFORMED TAPE, HP, B/W CONTRAST, SKIP, 9" (10'-30')(PPRT)
715-1-11	1,752	LF	LIGHTING CONDUCTORS (F&I) (#10 OR SMALLER)
715-1-12	42,052	LF	LIGHTING CONDUCTORS (F&I) (#8 TO #6)
715-1-13	7,284	LF	LIGHTING CONDUCTORS (F&I) (#4 TO #2)
715-1-14	13,647	LF	LIGHTING CONDUCTORS (F&I) (#1 TO #0)
715-1-112	12,983	LF	CONDUCTORS (F&I) (INSULATED) (NO. 8)
715-1-113	4,276	LF	CONDUCTORS (F&I) (INSULATED) (NO. 6)
715-1-114	133	LF	CONDUCTORS (F&I) (INSULATED) (NO. 4)
715-1-115	13,609	LF	CONDUCTORS (F&I) (INSULATED) (NO. 2)
715-1-117	54	LF	CONDUCTORS (F&I) (INSULATED) (NO. 1/0)
715-1-119	3,108	LF	CONDUCTORS (F&I) (INSULATED) (NO. 3/0)
715-2-115	7,054	LF	CONDUIT (F&I) (UNDERGROUND) (2" SCHEDULE 40 PVC)
715-2-334	990	LF	CONDUIT (F&I - SURFACE MOUNT) (2" RGS)
715-4-132 NR	33	EA	LIGHT POLE COMPLETE (F&I) (110 MPH) (45')
715-7-11	4	EA	LOAD CENTER, F&I, SECONDARY VOLTAGE
715-11-126 NR	12	EA	LUMINAIRE (F&I) (UNDERDECK) (PENDANT HUNG)
715-50	1	LS	LIGHTING, INSIDE BOX GIRDER
715-500-1 NR	33	EA	LIGHT POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)

*** Original Quantities***
CFX PROJECT NO. 429-206; CONTRACT NO.001138
S.R. 453 (WEKIVA PARKWAY) FROM LAKE COUNTY LINE TO S.R. 46

ITEM NO.	QUANTITY	UNIT	DESCRIPTION
715-500-3 NR	15	EA	LIGHT POLE CABLE DISTRIBUTION SYSTEM (WALL MOUNTED)
715-513-145 NR	12	EA	LIGHT POLE COMPLETE, SPECIAL DESIGN (F&I)
715-514-145 NR	1	EA	LIGHT POLE COMPLETE, SPECIAL DESIGN (F&I)
715-515-145 NR	2	EA	LIGHT POLE COMPLETE, SPECIAL DESIGN (F&I)
735-74-1	1	LS	TOLL PLAZA
735-41-1A	1	LS	UTILITY ALLOWANCE
1050-11-212	2,145	LF	UTILITY PIPE, F&I, PVC, CASING / CONDUIT, 2 - 4.9"
1050-11-515	283	LF	UTILITY PIPE, F&I, STEEL, CASING / CONDUIT, 20.0 - 49.9"
4210-12	22	EA	4'x6.5'x6.5' CONCRETE MANHOLE (F&I)
4210-13	1	EA	FIBER OPTIC MANHOLE (DOGHOUSE)
4230-1A	18	EA	TUBULAR ROUTE MARKER (FIBER)
4230-1B	6	EA	TUBULAR ROUTE MARKER (POWER)
999-1	N/A	N/A	ALLOWANCE FOR DISPUTES REVIEW BOARD
999-2	N/A	N/A	WORK ORDER ALLOWANCE

This information is being provided strictly for the convenience of potential bidders, suppliers and other interested parties and is not to be used for bidding purposes. The item numbers, quantities and descriptions provided herein have been taken from the original bidding documents, will not be updated and do not reflect any changes that may have been made by addendum.