Financial Management Department
Procurement Division
1112 Manatee Ave W Suite 803
Bradenton, FL 34205
Phone: (941) 749-3074
www.mymanatee.org

Email
August 15, 2017

TO: All Interested Bidders

SUBJECT: Invitation for Bid (IFB) 17-0418DC
45th Street Roadway Improvements

ADDENDUM 8

Bidders are hereby notified that this Addendum shall be acknowledged on the Bid Form and made a part of the above-named bidding and contract documents.

The following items are issued to add to, modify, and/or clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

1. Bid Opening is extended to **3:00 on August 29, 2017**, same location.
2. Special Provisions section is added relating to surplus excavated earthwork materials. The bidder is provided two Alternates for disposal of this material. Bidder is to bid both Alternates (reference Bid Form) to be responsive. The Alternate awarded shall be at the County's sole discretion as to which is the best option and value for the County.
3. Bid Form items 37, 38, 173, 182, and 183 are revised; Alternate options are added.
4. Revised Plan Sheets 1, 10, T-1, T-6, and B-1 are provided in sheet sized 24x36 and 11x17.

The following questions have been presented by potential bidders.

5. Question: The proposed handicap ramp at the NW corner of the SR 70 & 45th Ave. intersection will have an existing utility manhole in the ramp area which will need to be adjusted, is this acceptable as shown on the plans or should the ramp be shifted?
Response: The ramp will be revised to avoid impact to the existing utility manhole construction.

6. Question: There is an existing 6 ft. high chain link fence with security wire and double manual gates at +/- Rt. Sta. 114+25 that was not noted for removal & relocation within the plans. Is this to be removed and relocated with new materials?
Response: The property owner's responsibility to remove and relocate this fence during construction.

7. Question: Issue of the lack of a Utility Relocation Schedule. The response that has been given is that the contractor will be responsible for coordinating with the utility operators. How will the County reimburse the contractor for the unknown effects to contract time and additional costs that will occur when existing utilities must be relocated and/or adjusted? One possible solution is to add a contingency item for utility conflicts with a specific amount of money set aside to fund change orders for these sorts of problems.
   Response: Utility coordination was conducted during design with the utility owners. Proposed adjustments to the utilities that are in conflict are shown on the utility adjustment sheets based on input from the utility owners. Reimbursement and schedule adjustments for unforeseen work related to utility impacts will be reviewed by the County staff on a case by case basis.

8. Question: Referencing responses to questions that were issued in Addendum 5, question #1 pertained to storm structures S-98, S-103, S-106 and S-107. The response stated that S-98 should remain as Manhole P-8 Partial; however, S-103, S-106 and S-107 would be transferred to pay item number 37, FDOT Item Number 425-2-61, Manhole P-8, <10'. The current bid form does not reflect these structures being transferred to bid item number 37, nor the reduced quantity for bid item number 38. Will a revised bid form be issued to address these bid items?
   Response: Bid Form items 37 and 38 quantities have been revised, item 173 is deleted per the attached revised Bid Form.

9. Question: The 45th Street project Signalization plans are calling for a complete pole removal deep bolt on attachment pay item # 690 34 2. The engineer is requiring the full removal of the existing traffic signal drilled shaft on the South West corner. We would like to know if the Engineer has been in contact with the utilities both overhead and underground. As you can imagine the entire quadrant will be disturbed. Has the engineer provided means to pay for restoring and replacing the curb, sidewalk, and sod? The utility plans show existing gas mains in very close proximity as well as underground power and fiber optic cables. The other major concern is the overhead utility lines as the crane will be in direct conflict and will require de-energizing of the entire quadrant. Please let us know if there has been any correspondence with all of the utilities and if we can expect any costs associated with de-energizing.
   Response: Additional coordination will be required for this effort during construction. Any modifications to the work at the SR 70 and 45th Avenue intersection will need to be approved by the County and the Florida Department of Transportation.

10. Question: For the bridge modifications, the MOT plans show that once the guardrail is removed, barrels are to be in place. This will leave a drop-off from the bridge. It does not appear to be a safe condition for the public?
    Response: The drop-off is measured at 15 feet, which is outside of the 14 feet clear zone requirement for the posted 40 mph roadway.

11. Question: Plan sheet B-7 typical shows removal of the raised curb separating the sidewalk and roadway being removed. This procedure will leave cuts and spalls in the new roadway surface. There does not appear to be a procedure or product provided to show what and how to make these repairs.
Response: The concrete curb should be removed to the deck surface as shown in the plans. The protruding reinforcing bars should be cut 2" below the roadway surface and patched with epoxy as shown on sheet B-8, Existing Rebar Removal Detail. This work shall be included under Item 110-3, Removal of Existing Structures.

12. Question: The new approach slabs show to be poured in 3 pieces as per the MOT plan. There are requirements for legal laps on the reinforcing steel that will not be able to be provided given the room. Is the plan to pour inserts with pours to allow for putting threaded bars in to tie legal laps to or are we going to have to drill and dowel. Please provide a plan or response
Response: Threaded bars may be included at the contractor's option. The Contractor may also adjust the locations of the approach slab joints and/or shoulder widths in Bridge Phase 4, as approved by the Engineer, to obtain adequate room for splices.

13. Question: Plan sheet B-8, 'approach slab end section' shows filter fabric to be installed to avoid loss of material. To what depth must this be installed?
Response: The filter fabric shall be installed along the full height of the existing abutment/backwall.

14. Question: Plan sheet B-11, note 6 states the test piles are to be driven as shown on sheet B-5. This is a general note sheet. Please advise which piles are to be considered the test piles.
Response: As noted in the Pile Data Table on sheet B-11, the test piles are listed at pile 1 in endbents 2 and 3.

15. Question: Bid item 173 is for slope paving with the bridge widening. There are no depictions of where the slope paving is to be placed.
Response: Bid Form item 173 for slope paving is deleted per the attached revised Bid Form.

16. Question: For the 13' wide bridge widening, will the EOR require a mechanical screed/bidwell to provide the vibratory needs and finish, or will a manual screed with vibrators on it be acceptable?
Response: A manual screed with vibrators will be acceptable provided it meets the criteria of FDOT Standard Specifications Section 400-7.13.

17. Question: Will there be any special surface finished to be bridge deck surface, or will a burlap drag or light broom finish be acceptable?
Response: The surface should be finished to meet FDOT Standard Specifications Section 400-15.2.15, Class 4 Deck Finish. Deck grooving will not be required.

18. Question: Bid items 162 & 163. It appears from the plans that the test piles are to be 35 LF, this would give 70 LF of bid item to bid item # 163. Typically test piles are 5' longer than production piles that would leave 6 piles at 30' for 180 LF. The quantities and line items appear incorrect?
    Response: The Bid Form items are revised per attached revised Bid Form. The quantity for Item 455-34-3 Prestressed Concrete Piling (14" sq.) will be changed to 150 LF and the quantity for Item 455-143-3 Test Piles-Prest Concrete (14" sq.) will be changed to 70 LF.

19. Question: Plan sheet 101 of the utility adjustment plans show new overhead power above the new pedestrian bridge. This will cause problems with piling installation and setting the 95' pedestrian bridge. Have any arrangements been made with FP&L regarding taking these lines down, or de-energizing them?
    Response: The timing of the utility adjustment and the pedestrian bridge will need to be coordinated by the contractor with FPL during construction.

20. Question: The installation of the piles and setting of the west pedestrian bridge along with the required work for the pile cap will require impediment into the driveway to the adjacent 7-11. Has the owner allowed any restrictions or narrowing of the driveway for this work?
    Response: Impacts to the access of properties will need to be coordinated by the contractor with the property owners during construction.

If you have submitted a bid prior to receiving this addendum you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

Bids will be received at Manatee County Procurement, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 until **August 29, 2017 at 3:00 P.M.**

Sincerely,

Chris Daley, CPPO, CPPB
Contracts Specialist Manager

/dcr
Attachments

BID ALTERNATES #1 AND #2

SPECIAL PROVISIONS

FOR

45TH STREET EAST

FROM SR 70 TO 44TH AVENUE EAST

COUNTY PROJECT NO. 6025662

Manatee County FLORIDA

Prepared by:

Cardno

380 Park Place Boulevard, Suite 300
Clearwater, Florida 33759

August 14, 2017

SPECIAL PROVISIONS

BID ALTERNATE #1

The Contractor shall load surplus excavated earthwork materials onto County supplied trucks for hauling to an offsite location to be determined by the County. The County will coordinate with the Contractor to provide the trucks as needed based on the construction schedule. The County will take ownership of the excess excavated earthwork materials. Unsuitable materials shall not be included as surplus excavated materials. Payment for this work shall be included under Bid Alternate #1 (CY).

BID ALTERNATE #2

The Contractor shall load, haul and unload surplus excavated earthwork materials to the County landfill located at:

3333 Lena Road
Bradenton, FL 34211

The Contractor shall contact Bryan White, Landfill Superintendent, at (941) 748-5543 at least 96 hours before the initial delivery of excavated materials and to coordinate additional deliveries. The County will take ownership of the excess excavated earthwork materials upon delivery. Unsuitable materials shall not be included as surplus excavated materials. Payment for this work shall be included under Bid Alternate #2 (CY).

BID FORM

(Submit in Triplicate)

45th Street Roadway Improvements

Bid "A" Based on Completion Time of 540 Calendar Days

FDOT ITEM NUMBER	DESCRIPTION	TOTAL QTY.	UNITS	BID PRICE PER UNIT ($)	TOTAL BID PRICE ($)
	ROADWAY				
101-1	Mobilization	1	LS		$ -
102-1	Maintenance of Traffic	1	LS		$ -
104-10-3	Sediment Barrier	4,736	LF		$ -
104-11	Floating Turbidity Barrier	122	LF		$ -
104-18	Inlet Protection System	57	EA		$ -
110-1-1	Clearing and Grubbing	1	LS		$ -
110-4	Removal of Existing Concrete Pavement	6,938	SY		$ -
120-1	Regular Excavation	36,816	CY		$ -
120-4	Unsuitable Material (Contingency)	500	CY		$ -
120-6	Embankment	16,860	CY		$ -
571-1-13	**Plastic Erosion Mat, Turf Reinforced Mat, Type 3**	185	SY		$ -
160-4	Type B Stabilization	48,240	SY		$ -
285-701	Optional Base, Base Group 1 (Graded Driveway)	128	SY		$ -
285-709	Optional Base, Base Group 09	42,500	SY		$ -
327-70-6	Milling Exist Asph. Pavt.,1 1/2" Avg., Depth	420	SY		$ -
334-1-13	Superpave Asphaltic Conc, Traffic C (3" Thick)	6,986	TN		$ -
337-7-43	Asphalt Concrete Friction Course, Traffic C, FC- 12.5 (1.5" Thick)	3,494	TN		$ -
400-0-11	Concrete Class NS, Gravity Wall	305	CY		$ -
425-1201	Inlets, Curb, Type 9, <10'	1	EA		$ -
425-1203	Inlets, Curb, Type 9, J Bot, <10' (6'x6')	1	EA		$ -
425-1331	Inlets, Curb, Type P-3, <10'	1	EA		$ -
425-1341	Inlets, Curb, Type P-4, <10'	1	EA		$ -
425-1351	Inlets, Curb, Type P-5, <10'	20	EA		$ -
425-1361	Inlets, Curb, Type P-6, <10'	6	EA		$ -
425-1451	Inlets, Curb, Type J-5, <10' (4'x4')	4	EA		$ -
425-1451	Inlets, Curb, Type J-5, <10' (4'x5')	2	EA		$ -
425-1451	Inlets, Curb, Type J-5, <10' (4'x7')	2	EA		$ -
425-1461	Inlets, Curb, Type J-6, <10' (4'x4')	2	EA		$ -
425-1461	Inlets, Curb, Type J-6, <10' (4'x5')	2	EA		$ -
425-1521	Inlet, Ditch Bottom, Type C, <10'	2	EA		$ -
425-1531	Inlet, Ditch Bottom, Type C Modified- Back of Sidewalk, <10'	1	EA		$ -
425-1533	Inlet, Ditch Bottom, Type C Modified- Back of Sidewalk, J Bot, <10' (4'x8')	2	EA		$ -
425-1535	Inlets, Ditch Bottom Type C Modified- back of Sidewalk, Partial	2	EA		$ -
425-1541	Inlets, Ditch Bottom, Type D, <10'	2	EA		$ -
425-1711	Inlets, Gutter, Type V, <10'	1	EA		$ -
425-2-41	Manholes, P-7, <10'	1	EA		$ -
425-2-61	Manholes, P-8, <10'	5	EA		$ -
425-2-63	Manholes, P-8, Partial	1	EA		$ -
425-2-71	Manholes, J-7, <10' (8'x8')	1	EA		$ -
425-2-71	Manholes, J-7, <10' (7'x14')	1	EA		$ -
425-2-91	Manholes, J-8, <10' (4'x5')	2	EA		$ -
425-2-91	Manholes, J-8, <10' (5' Dia)	1	EA		$ -
425-2-91	Manholes, J-8, <10' (4'x8')	1	EA		$ -
425-2-92	Manhole, J-8, <10' (4'x6') (Conflict Structure)	1	EA		$ -
425-5	Manhole, Adjust	1	EA		$ -
430-984-141	Mitered End Section, Optional Round, 48" SD	1	EA		$ -
430-984-623	Mitered End Section, Optional Other - Ellip/Arch, 15" SD	1	EA		$ -
430-984-633	Mitered End Section, Optional Other - Ellip/Arch, 30" SD	2	EA		$ -
430-175-118	Pipe Culvert, RCP, Round, 18" S/CD	406	LF		$ -
430-175-124	Pipe Culvert, RCP, Round, 24" S/CD	287	LF		$ -
430-175-130	Pipe Culvert, RCP, Round, 30" S/CD	831	LF		$ -
430-175-136	Pipe Culvert, RCP, Round, 36" S/CD	1,559	LF		$ -
430-175-142	Pipe Culvert, RCP, Round, 42" S/CD	1,143	LF		$ -
430-175-148	Pipe Culvert, RCP, Round, 48" S/CD	550	LF		$ -
430-175-215	Pipe Culvert, RCP, Other Shape - Ellip/Arch, 15" S/CD (12"x18")	1,420	LF		$ -
430-175-218	Pipe Culvert, RCP, Other Shape - Ellip/Arch, 18" S/CD (14"x23")	422	LF		$ -
430-175-224	Pipe Culvert, RCP, Other Shape - Ellip/Arch, 24" S/CD (19"x30")	90	LF		$ -
430-175-230	Pipe Culvert, RCP, Other Shape - Ellip/Arch, 30" S/CD (24"x38")	235	LF		$ -
430-175-236	Pipe Culvert, RCP, Other Shape - Ellip/Arch, 36" S/CD (29"x45")	112	LF		$ -
430-175-248	Pipe Culvert, RCP, Other-Ellip/Arch, 48" S/CD (38"x60")	370	LF		$ -

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Signature: _____

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430-175-254	Pipe Culvert, RCP, Other Shape - Ellp/Arch, 54" S/CD (43"x68")	3,974	LF		$ -
515-2311	Pedestrian / Bicycle Railing, Aluminum, 42" Type 1	569	LF		$ -
520-1-10	Concrete Curb & Gutter, Type F	18,767	LF		$ -
520-5-11	Traffic Separator Concrete - Type I, 4' Wide	2,026	LF		$ -
522-1	Concrete Sidewalk, 4" Thick	6,432	SY		$ -
522-2	Concrete Sidewalk and Driveways, 6" Thick	614	SY		$ -
527-2	Detectable Warnings	385	SF		$ -
530-3-4	Riprap, Rubble, F&I, Ditch Lining	9	TN		$ -
570-1-2	Performance Turf, Sod	21,141	SY		$ -
WMP-1	Wetland Mitigation Planting	1	LS		$ -
700-1-11	Single Post Sign, F&I Ground Mount, Up to 12 SF	34	AS		$ -
700-1-12	Single Post Sign, F&I Ground Mount, 12-20 SF	5	AS		$ -
700-1-50	Single Post Sign, Relocate	8	AS		$ -
700-1-60	Single Post Sign, Remove	17	AS		$ -
700-2-13	Multi-post Sign, F&I Ground Mount, 21-30 SF	1	AS		$ -
700-2-14	Multi-post Sign, F&I Ground Mount, 31-50 SF	1	AS		$ -
706-3	Retro-reflective Pavement Markers	470	EA		$ -
710-11-290	Painted Pavement Markings, Standard, Yellow, Island Nose	105	SF		$ -
711-11-123	Thermoplastic, Standard, White, Solid, 12"	1,250	LF		$ -
711-11-124	Thermoplastic, Standard, White, Solid, 18"	7	LF		$ -
711-11-125	Thermoplastic, Standard, White, Solid, 24"	420	LF		$ -
711-11-151	Thermoplastic, Standard, White, Dotted/Guideline/ 6-10 Gap Extension, 6"	685	LF		$ -
711-11-224	Thermoplastic, Standard, Yellow, Solid, 18"	110	LF		$ -
711-11-251	Thermoplastic, Standard, Yellow, Dotted/Guideline/ 6-10 Gap Extension, 6"	1,190	LF		$ -
711-14-160	Thermoplastic, Preformed, White, Message (Bike Symbol)	24	EA		$ -
711-14-160	Thermoplastic, Preformed, White, Message	9	EA		$ -
711-14-170	Thermoplastic, Preformed, White, Arrows (Bike)	24	EA		$ -
711-14-170	Thermoplastic, Preformed, White, Arrows	40	EA		$ -
711-14-560	Thermoplastic, Preformed, White with Black Contrast, Message	1	EA		$ -
711-11-133	Thermoplastic, Standard, White, Skip, 12", 3-9 Lane Drop	180	LF		$ -
711-16-111	Thermoplastic, Standard-Other Surfaces, White, Solid, 6"	3	NM		$ -
711-16-131	Thermoplastic, Other Surfaces, White, Skip, 6", 10-30 Skip	2	GM		$ -
711-16-211	Thermoplastic, Standard-Other Surfaces, Yellow, Solid, 6"	2	NM		$ -
630-2-11	Conduit, (F&I) Open Trench	5,625	LF		$ -
630-2-12	Conduit, (F&I) Directional Bore	1,550	LF		$ -
630-2-14	Conduit, (F&I) Above Ground	200	LF		$ -
630-2-15	Conduit, (F&I) Bridge Mount	120	LF		$ -
632-7-1	Signal Cable - New or Reconstructed Intersection (F&I)	3	PI		$ -
632-7-2	Signal Cable (F&I) (Other)	485	LF		$ -
633-1-121	Fiber Optic Cable (F&I) Underground 2-12 Fibers	270	LF		$ -
633-1-122	Fiber Optic Cable (F&I) Underground 13-48 Fibers	7,040	LF		$ -
633-2-31	Fiber Optic Connection (Install) (Splice)	18	EA		$ -
633-2-32	Fiber Optic Connection (Install) (Termination)	48	EA		$ -
633-3-11	FO Connection Hardware (Splice Enclosure)	4	EA		$ -
633-3-12	FO Connection Hardware (Splice Tray)	4	EA		$ -
633-3-16	FO Connection Hardware (Patch Panel - Field Terminated)	4	EA		$ -
633-6-1	Multi-Conductor Comm Cable (F&I)	30	LF		$ -
635-2-11	Pull & Splice Box (F&I) (17" x 30")	31	EA		$ -
635-2-12	Pull & Splice Box (F&I) (24" x 36")	16	EA		$ -
635-2-13	Pull & Splice Box (F&I) (30" x 60")	3	EA		$ -
639-1-122	Electrical Power Service (Underground) (MB Purchased by Contractor From Power Co	4	AS		$ -
639-2-1	Electrical Service Wire (F&I)	540	LF		$ -
639-3-11	Electrical Service Disconnect (F&I) Pole Mount	2	EA		$ -
641-2-12	Prestressed Concrete Pole (F&I) (Type P-II Service Pole) (12 FT)	5	EA		$ -
641-3-263	Concrete CCTV Pole, Furnish & Install Without Lowering Device	1	EA		$ -
646-1-11	Aluminum Signals Pole (Pedestal) F&I	8	EA		$ -
649-31-104	Steel Mast Arm Assembly (F&I) (150 MPH) 70.5'	2	EA		$ -
649-31-107	Steel Mast Arm Assembly (F&I) (150 MPH) (W/Lum) 46'	1	EA		$ -
649-31-999	Steel Mast Arm Assembly (F&I) (130 MPH) (Custom)	2	EA		$ -
650-1-311	Traffic Signal (F&I) 3-Section, 1 Way, Alum	19	AS		$ -
650-1-411	Traffic Signal (F&I) 4-Section, 1 Way, Alum	1	AS		$ -

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Signature: _____

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650-1-511	Traffic Signal (F&I) 5-Section, 1 Way, Alum	3	AS		$ -
653-191	Pedestrian Signal (F&I) LED-Countdown, 1 Dir	8	AS		$ -
660-3-11	Veh Detection Sys (F&I) Microwave, Cabinet Equip	1	EA		$ -
660-3-12	Veh Detection Sys (F&I) Microwave, Above Ground Equip	1	EA		$ -
660-4-11	Veh Detection Sys (F&I) Video, Cabinet Equip	8	EA		$ -
660-4-12	Veh Detection Sys (F&I) Video, Above Ground Equip	8	EA		$ -
665-1-11	Pedestrian Detector (F&I) (Standard)	10	EA		$ -
670-5-110	Traffic Controller Assembly (F&I) Nema	1	AS		$ -
670-5-111	Traffic Controller Assembly (F&I) Nema, 1 Preemption	2	AS		$ -
676-2-122	ITS Cabinet (F&I) Pole Mounted with Sunshield, 336S, 24" W x 46" H X 22" D	1	EA		$ -
682-1-113	ITS CCTV Camera (F&I) Dome PTZ Enclosure - Pressurized, IP, High Definition	1	EA		$ -
684-1-1	Managed Field Ethernet Switch (F&I)	4	EA		$ -
685-106	System Auxiliaries (F&I) UPS	4	EA		$ -
690-10	Traffic Signal Head Assembly Removal	3	EA		$ -
690-20	Signal Pedestrian Assembly Removal	4	EA		$ -
690-31	Signal Pedestal Removal	4	EA		$ -
690-34-2	Complete Pole Removeal - Deep, Bolt on Attachment	1	EA		$ -
690-50	Remove Controller Assembly	1	EA		$ -
690-60	Remove Vehicle Detector Assembly	10	EA		$ -
690-70	Detector Pedestrian Assembly (Remove)	4	EA		$ -
690-90	Conduit & Cabling Within Intersection, Remove	1	PI		$ -
690-100	Signal Equipment Miscellaneous, Remove	1	PI		$ -
700-3-201	Sign Panel (F&I) Overhead Mount) (Up to 12 SF)	8	EA		$ -
700-5-22	Internally Illuminated Sign (F&I) (12-18 SF)	5	EA		$ -
700-5-60	Internally Illuminated Sign (F&I) (Remove)	1	EA		$ -
715-1-12	Lighting Conductors (F&I) No. 6	330	LF		$ -
522-2	Concrete Sidewalk and Driveways, 6" Thick	18	SY		$ -
630-2-11	Conduit (F&I) (Open Trench)	9,170	LF		$ -
630-2-12	Conduit (F&I) (Directional Bore)	2,495	LF		$ -
630-2-15	Conduit (F&I) (Bridge Mount)	125	LF		$ -
635-2-11	Pull & Splice Box (F&I) (13"x24" Cover Size)	106	EA		$ -
690-100	Signal Equipment, Miscellaneous (Remove)	1	PI		$ -
715-1-12	Lighting Conductors (F&I) (No. 6 Awg Copper)	19,820	LF		$ -
715-1-13	Lighting Conductors (F&I) (No. 4 Awg Copper)	15,880	LF		$ -
715-1-60	Lighting Conductors (F&I) (Remove & Dispose) (Contractor Owns)	930	LF		$ -
715-7-11	Load Center (F&I) (Secondary Voltage)	2	EA		$ -
715-500-1	Pole Cable Distribution System, Conventional	95	EA		$ -
715-511-130	Light Pole Complete (F&I) (Single Arm) (AL) (30') (Utility Conflict Pole Assembly)	94	EA		$ -
715-516-145	Light Pole Complete (F&I) (Pole Top Mount) (AL) (45')	1	EA		$ -
715-550-000	Light Pole Complete (Remove)	1	EA		$ -
	BRIDGE WIDENING				
110-3	Removal of Existing Structures	1	LS		$ -
400-2-4	Class II Concrete (Superstructure)	37.3	CY		$ -
400-2-10	Class II Concrete (Approach Slabs)	118.8	CY		$ -
400-147	Composite Neoprene Bearing Pads	0.2	CF		$ -
415-1-4	Reinforcing Steel (Superstructure)	11,468	LB		$ -
415-1-9	Reinforcing Steel (Approach Slabs)	23,274	LB		$ -
450-1-2	Prestressed Beams, Type III & Type III Modified	116	LF		$ -
455-133	Sheet Piling	800	SF		$ -
458-1-21	Bridge Deck Expansion Joint, Rehabilitation, Poured Joint With Backer Rod	155	LF		$ -
458-2	Polymer Nosing For Bridge Expansion Joint	6.4	CF		$ -
521-5-2	Concrete Traffic Railing, Bridge 42" F-Shape	196	LF		$ -
~~524-2~~	~~Slope Pavement~~	~~0.0~~			
530-3-3	Rubble Rip Rap, Bank And Shore	892	TN		$ -
	PEDESTRIAN BRIDGES				
400-2-4	Class II Concrete (Superstructure)	28.2	CY		$ -
400-2-10	Class II Concrete (Approach Slabs)	3.7	CY		$ -
400-4-5	Class IV Concrete (Substructure)	12.4	CY		$ -
400-147	Composite Neoprene Bearing Pads	0.2	CF		$ -
415-1-4	Reinforcing Steel (Superstructure)	5,781	LB		$ -
415-1-5	Reinforcing Steel (Substructure)	2,344	LB		$ -

Bidder: _____

Signature: _____

BID FORM

(Submit in Triplicate)

45th Street Roadway Improvements

Bid "A" Based on Completion Time of 540 Calendar Days

FDOT ITEM NUMBER	DESCRIPTION	TOTAL QTY.	UNITS	BID PRICE PER UNIT ($)	TOTAL BID PRICE ($)
415-1-9	Reinforcing Steel (Approach Slabs)	756	LB		$ -
455-34-3	Prestressed Concrete Piling (14" Sq.)	150	LF		$ -
455-143-3	Test Piles-Prest Concrete (14" Sq.)	70	LF		$ -
458-1-11	Bridge Deck Expansion Joint	32	LF		$ -
9999	Prefabricated Ped. Truss Bridge	2	EA		$ -
	ROADWAY SUBTOTAL (INCL. SIGNING & MARKING / SIGNALIZATION / LIGHTING / BRIDGE WIDENING / PED BRIDGES)				$ -
	ROADWAY CONTINGENCY (10% of above Roadway Items 1-185)				$ -
	ROADWAY BASE BID (INCL. SIGNING & MARKING / SIGNALIZATION / LIGHTING / BRIDGE WIDENING / PED BRIDGES)				$ -
	POTABLE WATER				
2.1	Furnish and Install 6" Dia. Ductile Iron Water Main by Open Cut	300	LF		$ -
2.2	Furnish and Install 8" Dia. Ductile Iron Water Main by Open Cut	300	LF		$ -
2.3	Furnish and Install 6" 45 Degree Bend	6	EA		$ -
2.4	Furnish and Install 8" Sleeve	2	EA		$ -
2.5	Furnish and Install 8" 45 Degree Bend	10	EA		$ -
2.6	Furnish and Install 6" Mechanical Joint Restraint	17	EA		$ -
2.7	Furnish and Install 8" Mechanical Joint Restraint	17	EA		$ -
2.8	Remove and Dispose Exist Water Main (6" to 8")	150	LF		$ -
2.9	Remove and Dispose Exist Water Service Line	600	LF		$ -
2.10	Furnish and Install Fire Hydrant Assembly	1	EA		$ -
2.11	Adjust Exist Valve Box to Final Grade	10	EA		$ -
2.12	Remove and Salvage Water Meter and Box	2	EA		$ -
2.13	Relocate Water Meter and Box	9	EA		$ -
2.14	Relocate Backflow Preventer	3	EA		$ -
2.15	Furnish and Install 1" Water Service Line (3/4" and Smaller Meter)	350	LF		$ -
2.16	Furnish and Install 2" Water Service Line (1" to 2" Meter)	100	LF		$ -
2.17	Excavate and Inspect Exist 30" Water Main Connection	16	EA		$ -
2.18	Furnish and Install 30"x6" Tapping Sleeve and Valve	1	EA		$ -
2.19	Replace Exist 30"x8" Tapping Sleeve and Valve	5	EA		$ -
2.20	Replace Exist 30"x6" Tapping Sleeve and Valve	2	EA		$ -
2.21	Replace Exist 1" Service Saddle on 30" Water Main	8	EA		$ -
2.22	Replace Exist 2" Service Saddle on 30" Water Main	1	EA		$ -
2.23	Furnish and Install 1" Service Tap on 30" Water Main	1	EA		$ -
2.24	Furnish and Install 2" Service Tap on 30" Water Main	1	EA		$ -
	POTABLE WATER SUBTOTAL				$ -
	POTABLE WATER CONTINGENCY (10% of above Potable Water Items 186-209)				$ -
	POTABLE WATER BASE BID				$ -
	WASTEWATER				
3.1	Furnish and Install 2" Dia SCH 80 PVC Force Main by Open Cut	20	LF		$ -
3.2	Furnish and Install 8" Dia. PVC C-900 DR-18 Force Main by Open Cut	950	LF		$ -
3.3	Furnish and Install 8" Dia. Ductile Iron Force Main by Open Cut	100	LF		$ -
3.4	Furnish and Install 8" Dia. PVC C-900 DR-18 Gravity Sewer by Open Cut	350	LF		$ -
3.5	Furnish and Install 8" Dia. HDPE C-906 DR 11 Force Main by Directional Drill	400	LF		$ -
3.6	Furnish and Install 8" Dia. Plug Valve Assembly	3	EA		$ -
3.7	Furnish and Install 8" Sleeve	2	EA		$ -
3.8	Furnish and Install 8" 22.5 Degree Bend	2	EA		$ -
3.9	Furnish and Install 8" 45 Degree Bend	9	EA		$ -
3.10	Furnish and Install 8" Mechanical Joint Restraint	40	EA		$ -
3.11	Remove and Dispose Exist Force Main (2" to 8")	1,350	LF		$ -
3.12	Remove and Dispose Exist 8" Gravity Sewer	400	LF		$ -
3.13	Remove and Dispose 16" Steel Casing	70	LF		$ -
3.14	Furnish and Install Sanitary Sewer Manhole	1	EA		$ -
3.15	Furnish and Install Above Ground Sewer Automatic ARV	1	EA		$ -
3.16	Remove and Dispose Exist Sanitary Sewer Manhole	1	EA		$ -
3.17	Adjust Exist Manhole to Final Grade	3	EA		$ -
3.18	Remove and Dispose Exist Air Release Valve Assembly and Manhole	1	EA		$ -
	Miscellaneous Items				
4.1	Unsuitable Material Removal	100	CY		$ -
4.2	Additional Select Fill Material	100	CY		$ -
4.3	Miscellaneous Concrete	100	CY		$ -

Bidder: _____

Signature: _____

BID FORM

(Submit in Triplicate)

45th Street Roadway Improvements

Bid "A" Based on Completion Time of 540 Calendar Days

FDOT ITEM NUMBER	DESCRIPTION	TOTAL QTY.	UNITS	BID PRICE PER UNIT ($)	TOTAL BID PRICE ($)
	WASTEWATER SUBTOTAL (INCL. MISCELLANEOUS ITEMS)				$ -
	WASTEWATER CONTINGENCY (10% of above Wastewater Items 210-230)				$ -
	WASTEWATER BASE BID				$ -

BID "A" BASE BID TOTALS - 540 CALENDAR DAYS	$ -
CONTINGENCIES (ROADWAY, POTABLE WATER, WASTE WATER)	$ -
BID "A" TOTAL BID PRICE	$ -

BID ALTERNATES #1 AND #2

		Bid Alternate #1 - Contractor to load excess fill material on County supplied trucks for hauling. County owns fill material.	19,956	CY		$ -
		Bid Alternate #2 - Contractor to load and haul excess fill material to County landfill. County owns fill material.	19,956	CY		$ -

Bidder: _____

Signature: _____

BID FORM

(Submit in Triplicate)

45th Street Widening Project

Bid "B" Based on Completion Time of 660 Calendar Days

PAY ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	TOTAL QTY.	UNITS	BID PRICE PER UNIT ($)	TOTAL BID PRICE ($)
		ROADWAY				
1.	101-1	Mobilization	1	LS		$ -
2.	102-1	Maintenance of Traffic	1	LS		$ -
3.	104-10-3	Sediment Barrier	4,736	LF		$ -
4.	104-11	Floating Turbidity Barrier	122	LF		$ -
5.	104-18	Inlet Protection System	57	EA		$ -
6.	110-1-1	Clearing and Grubbing	1	LS		$ -
7.	110-4	Removal of Existing Concrete Pavement	6,938	SY		$ -
8.	120-1	Regular Excavation	36,816	CY		$ -
9.	120-4	Unsuitable Material (Contingency)	500	CY		$ -
10.	120-6	Embankment	16,860	CY		$ -
11.	571-1-13	Plastic Erosion Mat, Turf Reinforced Mat, Type 3	185	SY		$ -
12.	160-4	Type B Stabilization	48,240	SY		$ -
13.	285-701	Optional Base, Base Group 1 (Graded Driveway)	128	SY		$ -
14.	285-709	Optional Base, Base Group 09	42,500	SY		$ -
15.	327-70-6	Milling Exist Asph. Pavt.,1 1/2" Avg., Depth	420	SY		$ -
16.	334-1-13	Superpave Asphaltic Conc, Traffic C (3" Thick)	6,986	TN		$ -
17.	337-7-43	Asphalt Concrete Friction Course, Traffic C, FC- 12.5 (1.5" Thick)	3,494	TN		$ -
18.	400-0-11	Concrete Class NS, Gravity Wall	305	CY		$ -
19.	425-1201	Inlets, Curb, Type 9, <10'	1	EA		$ -
20.	425-1203	Inlets, Curb, Type 9, J Bot, <10' (6'x6')	1	EA		$ -
21.	425-1331	Inlets, Curb, Type P-3, <10'	1	EA		$ -
22.	425-1341	Inlets, Curb, Type P-4, <10'	1	EA		$ -
23.	425-1351	Inlets, Curb, Type P-5, <10'	20	EA		$ -
24.	425-1361	Inlets, Curb, Type P-6, <10'	6	EA		$ -
25.	425-1451	Inlets, Curb, Type J-5, <10' (4'x4')	4	EA		$ -
26.	425-1451	Inlets, Curb, Type J-5, <10' (4'x5')	2	EA		$ -
27.	425-1451	Inlets, Curb, Type J-5, <10' (4'x7')	2	EA		$ -
28.	425-1461	Inlets, Curb, Type J-6, <10' (4'x4')	2	EA		$ -
29.	425-1461	Inlets, Curb, Type J-6, <10' (4'x5')	2	EA		$ -
30.	425-1521	Inlet, Ditch Bottom, Type C, <10'	2	EA		$ -
31.	425-1531	Inlet, Ditch Bottom, Type C Modified- Back of Sidewalk, <10'	1	EA		$ -
32.	425-1533	Inlet, Ditch Bottom, Type C Modified- Back of Sidewalk, J Bot, <10' (4'x8')	2	EA		$ -
33.	425-1535	Inlets, Ditch Bottom Type C Modified- back of Sidewalk, Partial	2	EA		$ -
34.	425-1541	Inlets, Ditch Bottom, Type D, <10'	2	EA		$ -
35.	425-1711	Inlets, Gutter, Type V, <10'	1	EA		$ -
36.	425-2-41	Manholes, P-7, <10'	1	EA		$ -
37.	425-2-61	Manholes, P-8, <10'	5	EA		$ -
38.	425-2-63	Manholes, P-8, Partial	1	EA		$ -
39.	425-2-71	Manholes, J-7, <10' (6'x8')	1	EA		$ -
40.	425-2-71	Manholes, J-7, <10' (7'x14')	1	EA		$ -
41.	425-2-91	Manholes, J-8, <10' (4'x5')	2	EA		$ -
42.	425-2-91	Manholes, J-8, <10' (5' Dia)	1	EA		$ -
43.	425-2-91	Manholes, J-8, <10' (4'x8')	1	EA		$ -
44.	425-2-92	Manhole, J-8, <10' (4'x6') (Conflict Structure)	1	EA		$ -
45.	425-5	Manhole, Adjust	1	EA		$ -
46.	430-984-141	Mitered End Section, Optional Round, 48" SD	1	EA		$ -
47.	430-984-623	Mitered End Section, Optional Other - Ellip/Arch, 15" SD	1	EA		$ -
48.	430-984-633	Mitered End Section, Optional Other - Ellip/Arch, 30" SD	2	EA		$ -
49.	430-175-118	Pipe Culvert, RCP, Round, 18" S/CD	406	LF		$ -
50.	430-175-124	Pipe Culvert, RCP, Round, 24" S/CD	287	LF		$ -
51.	430-175-130	Pipe Culvert, RCP, Round, 30" S/CD	831	LF		$ -
52.	430-175-136	Pipe Culvert, RCP, Round, 36" S/CD	1,559	LF		$ -
53.	430-175-142	Pipe Culvert, RCP, Round, 42" S/CD	1,143	LF		$ -
54.	430-175-148	Pipe Culvert, RCP, Round, 48" S/CD	550	LF		$ -
55.	430-175-215	Pipe Culvert, RCP, Other Shape - Ellip/Arch, 15" S/CD (12"x18")	1,420	LF		$ -
56.	430-175-218	Pipe Culvert, RCP, Other Shape - Ellip/Arch, 18" S/CD (14"x23")	422	LF		$ -
57.	430-175-224	Pipe Culvert, RCP, Other Shape - Ellip/Arch, 24" S/CD (19"x30")	90	LF		$ -
58.	430-175-230	Pipe Culvert, RCP, Other Shape - Ellip/Arch, 30" S/CD (24"x38')	235	LF		$ -
59.	430-175-236	Pipe Culvert, RCP, Other Shape - Ellip/Arch, 36" S/CD (29"x45')	112	LF		$ -
60.	430-175-248	Pipe Culvert, RCP, Other-Ellip/Arch, 48" S/CD (38"x60")	370	LF		$ -
61.	430-175-254	Pipe Culvert, RCP, Other Shape - Ellip/Arch, 54" S/CD (43"x68")	3,974	LF		$ -
62.	515-2311	Pedestrian / Bicycle Railing, Aluminum, 42" Type 1	589	LF		$ -
63.	520-1-10	Concrete Curb & Gutter, Type F	18,767	LF		$ -
64.	520-5-11	Traffic Separator Concrete - Type I, 4' Wide	2,026	LF		$ -
65.	522-1	Concrete Sidewalk, 4" Thick	6,432	SY		$ -

Bidder: _____

Signature: _____

BID FORM

(Submit in Triplicate)

45th Street Widening Project

Bid "B" Based on Completion Time of 660 Calendar Days

PAY ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	TOTAL QTY.	UNITS	BID PRICE PER UNIT ($)	TOTAL BID PRICE ($)
66.	522-2	Concrete Sidewalk and Driveways, 6" Thick	614	SY		$ -
67.	527-2	Detectable Warnings	385	SF		$ -
68.	530-3-4	Riprap, Rubble, F&I, Ditch Lining	9	TN		$ -
69.	570-1-2	Performance Turf, Sod	21,141	SY		$ -
70.	WMP-1	Wetland Mitigation Planting	1	LS		$ -
71.	700-1-11	Single Post Sign, F&I Ground Mount, Up to 12 SF	34	AS		$ -
72.	700-1-12	Single Post Sign, F&I Ground Mount, 12-20 SF	5	AS		$ -
73.	700-1-50	Single Post Sign, Relocate	8	AS		$ -
74.	700-1-60	Single Post Sign, Remove	17	AS		$ -
75.	700-2-13	Multi-post Sign, F&I Ground Mount, 21-30 SF	1	AS		$ -
76.	700-2-14	Multi-post Sign, F&I Ground Mount, 31-50 SF	1	AS		$ -
77.	706-3	Retro-reflective Pavement Markers	470	EA		$ -
78.	710-11-290	Painted Pavement Markings, Standard, Yellow, Island Nose	105	SF		$ -
79.	711-11-123	Thermoplastic, Standard, White, Solid, 12"	1,250	LF		$ -
80.	711-11-124	Thermoplastic, Standard, White, Solid, 18"	7	LF		$ -
81.	711-11-125	Thermoplastic, Standard, White, Solid, 24"	420	LF		$ -
82.	711-11-151	Thermoplastic, Standard, White, Dotted/Guideline/ 6-10 Gap Extension, 6"	685	LF		$ -
83.	711-11-224	Thermoplastic, Standard, Yellow, Solid, 18"	110	LF		$ -
84.	711-11-251	Thermoplastic, Standard, Yellow, Dotted/Guideline/ 6-10 Gap Extension, 6"	1,190	LF		$ -
85.	711-14-160	Thermoplastic, Preformed, White, Message (Bike Symbol)	24	EA		$ -
86.	711-14-160	Thermoplastic, Preformed, White, Message	9	EA		$ -
87.	711-14-170	Thermoplastic, Preformed, White, Arrows (Bike)	24	EA		$ -
88.	711-14-170	Thermoplastic, Preformed, White, Arrows	40	EA		$ -
89.	711-14-560	Thermoplastic, Preformed, White with Black Contrast, Message	1	EA		$ -
90.	711-11-133	Thermoplastic, Standard, White, Skip, 12", 3-9 Lane Drop	180	LF		$ -
91.	711-16-111	Thermoplastic, Standard-Other Surfaces, White, Solid, 6"	3	NM		$ -
92.	711-16-131	Thermoplastic, Other Surfaces, White, Skip, 6", 10-30 Skip	2	GM		$ -
93.	711-16-211	Thermoplastic, Standard-Other Surfaces, Yellow, Solid, 6"	2	NM		$ -
94.	630-2-11	Conduit, (F&I) Open Trench	5,625	LF		$ -
95.	630-2-12	Conduit, (F&I) Directional Bore	1,550	LF		$ -
96.	630-2-14	Conduit, (F&I) Above Ground	200	LF		$ -
97.	630-2-15	Conduit, (F&I) Bridge Mount	120	LF		$ -
98.	632-7-1	Signal Cable - New or Reconstructed Intersection (F&I)	3	PI		$ -
99.	632-7-2	Signal Cable (F&I) (Other)	485	LF		$ -
100.	633-1-121	Fiber Optic Cable (F&I) Underground 2-12 Fibers	270	LF		$ -
101.	633-1-122	Fiber Optic Cable (F&I) Underground 13-48 Fibers	7,040	LF		$ -
102.	633-2-31	Fiber Optic Connection (Install) (Splice)	18	EA		$ -
103.	633-2-32	Fiber Optic Connection (Install) (Termination)	48	EA		$ -
104.	633-3-11	FO Connection Hardware (Splice Enclosure)	4	EA		$ -
105.	633-3-12	FO Connection Hardware (Splice Tray)	4	EA		$ -
106.	633-3-16	FO Connection Hardware (Patch Panel - Field Terminated)	4	EA		$ -
107.	633-8-1	Multi-Conductor Comm Cable (F&I)	30	LF		$ -
108.	635-2-11	Pull & Splice Box (F&I) (17" x 30")	31	EA		$ -
109.	635-2-12	Pull & Splice Box (F&I) (24" x 36")	16	EA		$ -
110.	635-2-13	Pull & Splice Box (F&I) (30" x 60")	3	EA		$ -
111.	639-1-122	Electrical Power Service (Underground) (MB Purchased by Contractor From Power Co	4	AS		$ -
112.	639-2-1	Electrical Service Wire (F&I)	540	LF		$ -
113.	639-3-11	Electrical Service Disconnect (F&I) Pole Mount	2	EA		$ -
114.	641-2-12	Prestressed Concrete Pole (F&I) (Type P-II Service Pole) (12 FT)	5	EA		$ -
115.	641-3-263	Concrete CCTV Pole, Furnish & Install Without Lowering Device	1	EA		$ -
116.	646-1-11	Aluminum Signals Pole (Pedestal) F&I	8	EA		$ -
117.	649-31-104	Steel Mast Arm Assembly (F&I) (150 MPH) 70.5'	2	EA		$ -
118.	649-31-107	Steel Mast Arm Assembly (F&I) (150 MPH) (W/Lum) 46'	1	EA		$ -
119.	649-31-999	Steel Mast Arm Assembly (F&I) (130 MPH) (Custom)	2	EA		$ -
120.	650-1-311	Traffic Signal (F&I) 3-Section, 1 Way, Alum	19	AS		$ -
121.	650-1-411	Traffic Signal (F&I) 4-Section, 1 Way, Alum	1	AS		$ -
122.	650-1-511	Traffic Signal (F&I) 5-Section, 1 Way, Alum	3	AS		$ -
123.	653-191	Pedestrian Signal (F&I) LED-Countdown, 1 Dir	8	AS		$ -
124.	660-3-11	Veh Detection Sys (F&I) Microwave, Cabinet Equip	1	EA		$ -
125.	660-3-12	Veh Detection Sys (F&I) Microwave, Above Ground Equip	1	EA		$ -
126.	660-4-11	Veh Detection Sys (F&I) Video, Cabinet Equip	8	EA		$ -
127.	660-4-12	Veh Detection Sys (F&I) Video, Above Ground Equip	8	EA		$ -
128.	665-1-11	Pedestrian Detector (F&I) (Standard)	10	EA		$ -
129.	670-5-110	Traffic Controller Assembly (F&I) Nema	1	AS		$ -
130.	670-5-111	Traffic Controller Assembly (F&I) Nema, 1 Preemption	2	AS		$ -
131.	676-2-122	ITS Cabinet (F&I) Pole Mounted with Sunshield, 336S, 24" W x 46" H X 22" D	1	EA		$ -

Bidder: _____

Signature: _____

BID FORM

(Submit in Triplicate)

45th Street Widening Project

Bid "B" Based on Completion Time of 660 Calendar Days

PAY ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	TOTAL QTY.	UNITS	BID PRICE PER UNIT ($)	TOTAL BID PRICE ($)
132.	682-1-113	ITS CCTV Camera (F&I) Dome PTZ Enclosure - Pressurized, IP, High Definition	1	EA		$ -
133.	684-1-1	Managed Field Ethernet Switch (F&I)	4	EA		$ -
134.	685-106	System Auxiliaries (F&I) UPS	4	EA		$ -
135.	690-10	Traffic Signal Head Assembly Removal	3	EA		$ -
136.	690-20	Signal Pedestrian Assembly Removal	4	EA		$ -
137.	690-31	Signal Pedestal Removal	4	EA		$ -
138.	690-34-2	Complete Pole Removal - Deep, Bolt on Attachment	1	EA		$ -
139.	690-50	Remove Controller Assembly	1	EA		$ -
140.	690-60	Remove Vehicle Detector Assembly	10	EA		$ -
141.	690-70	Detector Pedestrian Assembly (Remove)	4	EA		$ -
142.	690-90	Conduit & Cabling Within Intersection, Remove	1	PI		$ -
143.	690-100	Signal Equipment Miscellaneous, Remove	1	PI		$ -
144.	700-3-201	Sign Panel (F&I) Overhead Mount) (Up to 12 SF)	8	EA		$ -
145.	700-5-22	Internally Illuminated Sign (F&I) (12-18 SF)	5	EA		$ -
146.	700-5-60	Internally Illuminated Sign (F&I) (Remove)	1	EA		$ -
147.	715-1-12	Lighting Conductors (F&I) No. 8	330	LF		$ -
148.	522-2	Concrete Sidewalk and Driveways, 6" Thick	18	SY		$ -
149.	630-2-11	Conduit (F&I) (Open Trench)	9,170	LF		$ -
150.	630-2-12	Conduit (F&I) (Directional Bore)	2,495	LF		$ -
151.	630-2-15	Conduit (F&I) (Bridge Mount)	125	LF		$ -
152.	635-2-11	Pull & Splice Box (F&I) (13"x24" Cover Size)	106	EA		$ -
153.	690-100	Signal Equipment, Miscellaneous (Remove)	1	PI		$ -
154.	715-1-12	Lighting Conductors (F&I) (No. 6 Awg Copper)	19,820	LF		$ -
155.	715-1-13	Lighting Conductors (F&I) (No. 4 Awg Copper)	15,680	LF		$ -
156.	715-1-60	Lighting Conductors (F&I) (Remove & Dispose) (Contractor Owns)	930	LF		$ -
157.	715-7-11	Load Center (F&I) (Secondary Voltage)	2	EA		$ -
158.	715-500-1	Pole Cable Distribution System, Conventional	95	EA		$ -
159.	715-511-130	Light Pole Complete (F&I) (Single Arm) (AL) (30') (Utility Conflict Pole Assembly)	94	EA		$ -
160.	715-516-145	Light Pole Complete (F&I) (Pole Top Mount) (AL) (45')	1	EA		$ -
161.	715-550-000	Light Pole Complete (Remove)	1	EA		$ -
		BRIDGE WIDENING				
162.	110-3	Removal of Existing Structures	1	LS		$ -
163.	400-2-4	Class II Concrete (Superstructure)	37.3	CY		$ -
164.	400-2-10	Class II Concrete (Approach Slabs)	118.8	CY		$ -
165.	400-147	Composite Neoprene Bearing Pads	0.2	CF		$ -
166.	415-1-4	Reinforcing Steel (Superstructure)	11,466	LB		$ -
167.	415-1-9	Reinforcing Steel (Approach Slabs)	23,274	LB		$ -
168.	450-1-2	Prestressed Beams, Type III & Type III Modified	116	LF		$ -
169.	455-133	Sheet Piling	800	SF		$ -
170.	458-1-21	Bridge Deck Expansion Joint, Rehabilitation, Poured Joint With Backer Rod	155	LF		$ -
171.	458-2	Polymer Nosing For Bridge Expansion Joint	6.4	CF		$ -
172.	521-5-2	Concrete Traffic Railing, Bridge 42" F-Shape	196	LF		$ -
173.	~~524-2~~	~~Slope Pavement~~	~~0.0~~			
174.	530-3-3	Rubble Rip Rap, Bank And Shore	802	TN		$ -
		PEDESTRIAN BRIDGES				
175.	400-2-4	Class II Concrete (Superstructure)	28.2	CY		$ -
176.	400-2-10	Class II Concrete (Approach Slabs)	3.7	CY		$ -
177.	400-4-5	Class IV Concrete (Substructure)	12.4	CY		$ -
178.	400-147	Composite Neoprene Bearing Pads	0.2	CF		$ -
179.	415-1-4	Reinforcing Steel (Superstructure)	5,781	LB		$ -
180.	415-1-5	Reinforcing Steel (Substructure)	2,344	LB		$ -
181.	415-1-9	Reinforcing Steel (Approach Slabs)	756	LB		$ -
182.	455-34-3	**Prestressed Concrete Piling (14" Sq.)**	150	LF		$ -
183.	455-143-3	**Test Piles-Prest Concrete (14" Sq.)**	70	LF		$ -
184.	458-1-11	Bridge Deck Expansion Joint	32	LF		$ -
185.	9999	Prefabricated Ped. Truss Bridge	2	EA		$ -
		ROADWAY SUBTOTAL (INCL. SIGNING & MARKING / SIGNALIZATION / LIGHTING / BRIDGE WIDENING / PED BRIDGES)				$ -
		ROADWAY CONTINGENCY (10% of above Roadway Items 1-185)				$ -
		ROADWAY BASE BID (INCL. SIGNING & MARKING / SIGNALIZATION / LIGHTING / BRIDGE WIDENING / PED BRIDGES)				$ -
		POTABLE WATER				
186.	2.1	Furnish and Install 6" Dia. Ductile Iron Water Main by Open Cut	300	LF		$ -
187.	2.2	Furnish and Install 8" Dia. Ductile Iron Water Main by Open Cut	300	LF		$ -
188.	2.3	Furnish and Install 6" 45 Degree Bend	6	EA		$ -
189.	2.4	Furnish and Install 8" Sleeve	2	EA		$ -
190.	2.5	Furnish and Install 8" 45 Degree Bend	10	EA		$ -

Bidder: _____

Signature: _____

BID FORM

(Submit in Triplicate)

45th Street Widening Project

Bid "B" Based on Completion Time of 660 Calendar Days

PAY ITEM NO.	FDOT ITEM NUMBER	DESCRIPTION	TOTAL QTY.	UNITS	BID PRICE PER UNIT ($)	TOTAL BID PRICE ($)
191.	2.6	Furnish and Install 6" Mechanical Joint Restraint	17	EA		$ -
192.	2.7	Furnish and Install 8" Mechanical Joint Restraint	17	EA		$ -
193.	2.8	Remove and Dispose Exist Water Main (6" to 8")	160	LF		$ -
194.	2.9	Remove and Dispose Exist Water Service Line	800	LF		$ -
195.	2.10	Furnish and Install Fire Hydrant Assembly	1	EA		$ -
196.	2.11	Adjust Exist Valve Box to Final Grade	10	EA		$ -
197.	2.12	Remove and Salvage Water Meter and Box	2	EA		$ -
198.	2.13	Relocate Water Meter and Box	9	EA		$ -
199.	2.14	Relocate Backflow Preventer	3	EA		$ -
200.	2.15	Furnish and Install 1" Water Service Line (3/4" and Smaller Meter)	350	LF		$ -
201.	2.16	Furnish and Install 2" Water Service Line (1" to 2" Meter)	100	LF		$ -
202.	2.17	Excavate and Inspect Exist 30" Water Main Connection	16	EA		$ -
203.	2.18	Furnish and Install 30"x6" Tapping Sleeve and Valve	1	EA		$ -
204.	2.19	Replace Exist 30"x8" Tapping Sleeve and Valve	5	EA		$ -
205.	2.20	Replace Exist 30"x6" Tapping Sleeve and Valve	2	EA		$ -
206.	2.21	Replace Exist 1" Service Saddle on 30" Water Main	8	EA		$ -
207.	2.22	Replace Exist 2" Service Saddle on 30" Water Main	1	EA		$ -
208.	2.23	Furnish and Install 1" Service Tap on 30" Water Main	1	EA		$ -
209.	2.24	Furnish and Install 2" Service Tap on 30" Water Main	1	EA		$ -
		POTABLE WATER SUBTOTAL				$ -
		POTABLE WATER CONTINGENCY (10% of above Potable Water Items 186-209)				$ -
		POTABLE WATER BASE BID				$ -
		WASTEWATER				
210.	3.1	Furnish and Install 2" Dia SCH 80 PVC Force Main by Open Cut	20	LF		$ -
211.	3.2	Furnish and Install 8" Dia. PVC C-900 DR-18 Force Main by Open Cut	950	LF		$ -
212.	3.3	Furnish and Install 8" Dia. Ductile Iron Force Main by Open Cut	100	LF		$ -
213.	3.4	Furnish and Install 8" Dia. PVC C-900 DR-18 Gravity Sewer by Open Cut	350	LF		$ -
214.	3.5	Furnish and Install 8" Dia. HDPE C-906 DR 11 Force Main by Directional Drill	400	LF		$ -
215.	3.6	Furnish and Install 6" Dia. Plug Valve Assembly	3	EA		$ -
216.	3.7	Furnish and Install 8" Sleeve	2	EA		$ -
217.	3.8	Furnish and Install 8" 22.5 Degree Bend	2	EA		$ -
218.	3.9	Furnish and Install 8" 45 Degree Bend	9	EA		$ -
219.	3.10	Furnish and Install 8" Mechanical Joint Restraint	40	EA		$ -
220.	3.11	Remove and Dispose Exist Force Main (2" to 8")	1,350	LF		$ -
221.	3.12	Remove and Dispose Exist 8" Gravity Sewer	400	LF		$ -
222.	3.13	Remove and Dispose 16" Steel Casing	70	LF		$ -
223.	3.14	Furnish and Install Sanitary Sewer Manhole	1	EA		$ -
224.	3.15	Furnish and Install Above Ground Sewer Automatic ARV	1	EA		$ -
225.	3.16	Remove and Dispose Exist Sanitary Sewer Manhole	1	EA		$ -
226.	3.17	Adjust Exist Manhole to Final Grade	3	EA		$ -
227.	3.18	Remove and Dispose Exist Air Release Valve Assembly and Manhole	1	EA		$ -
		MISCELLANEOUS ITEMS				
228.	4.1	Unsuitable Material Removal	100	CY		$ -
229.	4.2	Additional Select Fill Material	100	CY		$ -
230.	4.3	Miscellaneous Concrete	100	CY		$ -
		WASTEWATER SUBTOTAL (INCL. MISCELLANEOUS ITEMS)				$ -
		WASTEWATER CONTINGENCY (10% of above Wastewater Items 210-230)				$ -
		WASTEWATER BASE BID				$ -

BID "B" BASE BID TOTALS - 660 CALENDAR DAYS	$ -
CONTINGENCIES (ROADWAY, POTABLE WATER, WASTE WATER)	$ -
BID "B" TOTAL BID PRICE	$ -

BID ALTERNATES #1 AND #2

			Bid Alternate #1 - Contractor to load excess fill material on County supplied trucks for hauling. County owns fill material.	19,956	CY		$ -
			Bid Alternate #2 - Contractor to load and haul excess fill material to County landfill. County owns fill material.	19,956	CY		$ -

Bidder: _____

Signature: _____