



ADDENDUM NO. 3

Issue Date: November 8, 2022

Project Name: 11th Drive and 37th Street Roadway and Intersection Improvements

Bid Number: 2023009

Bid Opening Date: **November 16, 2022**

Questions and Answers

1. On Sheet 25 there is work that is cut off and not shown on any other page. Please provide an additional demo page for this cut off on the Northwest site of the project.
As an attachment, Sheet 25A has been created to include the area not previously shown.
2. Does the temporary signage for the hospital emergency room need to meet any special requirements? Lighted, non-lighted, or reflected? Any minimum dimensions?
Sign shall be 24" x 36" retro-reflective finish sign per FDOT Design Standards Index 700-010.
3. Provide the depth and size of the existing well to be removed. In addition, Bid Item No. IRC-7 states "Hospital Wellhead, Cap and Relocation" the plans say to remove/abandon. So does it need to be removed/abandoned, or removed/abandoned/and relocated? Please clarify where it is to be relocated to if this is correct.
The well appears to be a 4" well, has a 4" valve, then reduces into a 2" service. The depth is unknown. It is to be abandoned. The relocation place will be approximately Station 8+80 along the 11th Drive stationing, right to approximately 10 LF into the Hospital property.
4. Clarify where the 18" Concrete Endwall is located?
This item has been deleted and removed from the Itemized Bid Schedule.
5. On Sheet 29, it says to remove existing inlet XS-03 and replace with 10 LF of 30" RCP, there is no Pay Item for 30" RCP. Add Pay Item for 30" RCP.
Pay Item # 430-175-130 has been added to the Itemized Bid Schedule with units of "LF" and Project Quantity of "10".
6. Clarify the bid quantity of 18" RCP, the plan quantity found is closer to 750 LF.
Itemized Bid Schedule has been updated for Item No. 430-175-118 per Pipe Table on Sheet 12 to reflect 757 LF.

7. Clarify the intent of the milling and resurfacing bid item. The plans call for milling 1.5" and the pay item states 2.5" average thickness and the FC 9.5 lift thickness is 1" so which thickness is correct?

The plans are correct – milling shall be 1.5" average. The objective is to maintain the existing crown of 37th Street. Pay Items #334-1-13 and 337-7-82 shall be replaced with:

334-1-13 Superpave Asphalt Concrete, Traffic C (SP12.5, 2" thick) 855 TNS

337-7-82 Asphalt Concrete Friction Course, Traffic C (FC9.5, 1" thick) 428 TNS

337-7-82A Asphalt Concrete Friction Course, Traffic C (FC9.5, 1.5" Thick) 55 TNS

8. Are we going to be able to shut down the water main to make the deflections or do we have to build bypasses?

The watermain can be shut down. The City of Vero Beach Utilities will check for properly working valves prior to work. Contractor to communicate/coordinate work with the City Utilities.

9. Are there valves to control the water shut down or will we need line stops?

There are valves. The City of Vero Beach Utilities will check for properly working valves prior to work. Contractor to communicate/coordinate work with the City Utilities.

10. If line stops and/or bypasses are needed can you provide a detail or instructions?

The City of Vero Beach Utilities will provide instruction as needed.

11. Is the proposed street light conduit 4" pvc schedule 40 or 2" pvc schedule 40 and does it require a spare?

The proposed street light conduit is 2" pvc schedule 40 and does not require a spare.

12. Pay Item 715-4-50 quantity shows 10 EA but plans only show 8 EA

The Pay Item 715-4-50 Quantity for light poles shall be 8 EA.

13. Are the two light poles on 37th St connected to the circuit proposed for the mast arm lights?

Yes, the two poles are connected to the circuit proposed for the mast arm lights.

14. Can you share an additional link for the CAD Files? I'm having trouble downloading them.

The link was tested and appears to be working. Please notify purchasing@ircgov.com if you are still unable to access, and the files will be moved to a onedrive.

15. After reviewing the cross sections quantities and my own takeoff it seems to appear that you may have to up the excavation and embankment number. Please review and verify the excavation and embankment quantities are correct.

The excavation and embankment numbers have been reviewed. Please note specifics on Sheet 4, Summary of Pay Items for more details on how these numbers were computed. Also note that while the cross sections call out excavation and volumes along the roadway the cut for Pond #2 is also added into the excavation and does not show up in the cross section volumes.

16. Can you provide existing elevation shots for the Pond 1 and Pond 2 areas?

Existing topographical information is available on the Pond Grading Details, Plan Sheets 41-44.

Addition/Revisions to Bid Documents:

***Add to Section 00800 Supplementary Conditions – SC-5.04 CONTRACTOR’s Liability Insurance:**

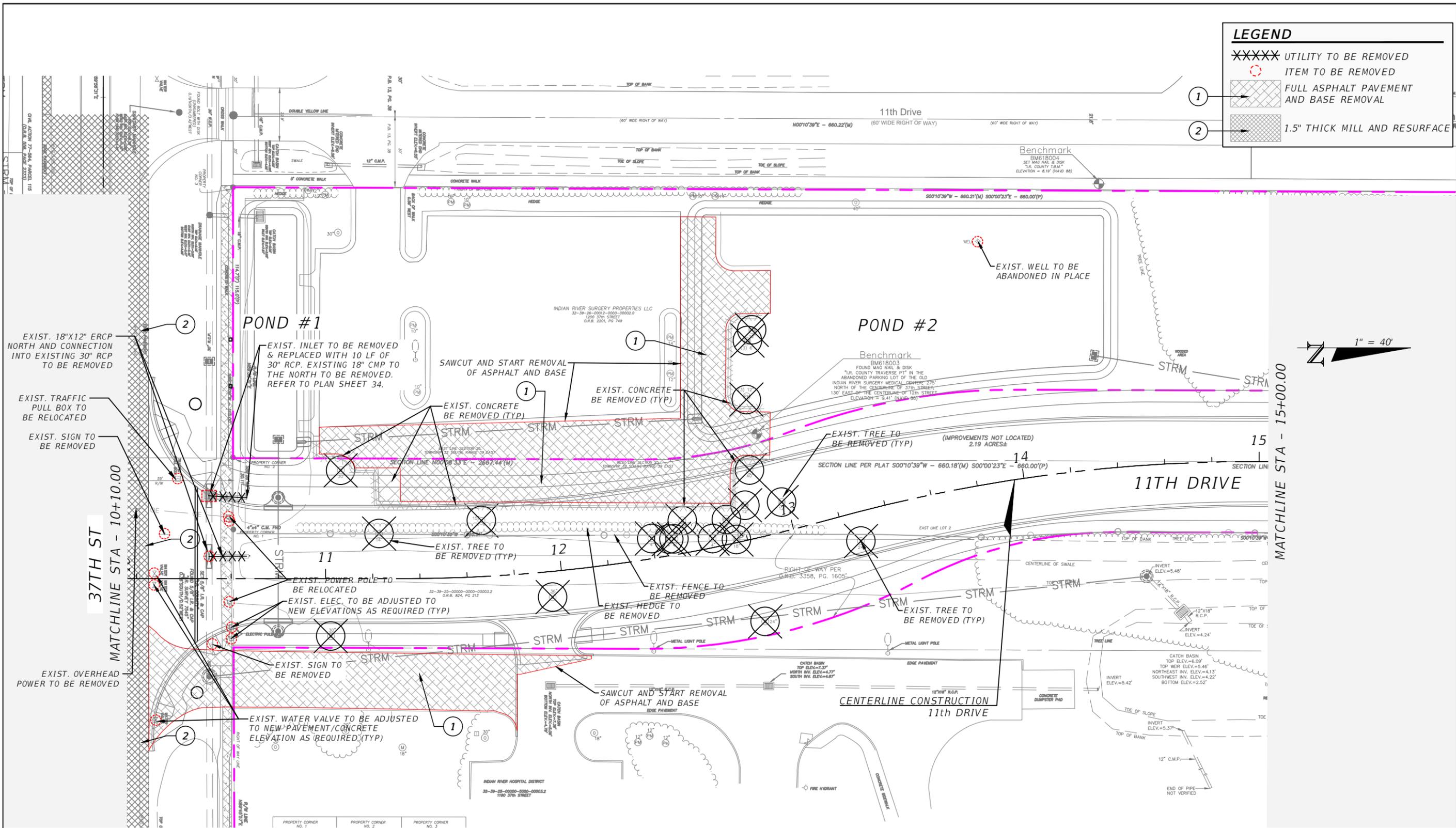
D. Additional Insureds:

1. In addition to “Indian River County, Florida,” the following individuals or entities shall be listed as “additional insureds” on the CONTRACTOR’s liability insurance policies:

- a) ***Indian River County Hospital District, an independent special district created by the Legislature of the State of Florida” – Address 3730 7th Terrace, Suite 204-B, Vero Beach, Florida 32960**
- b) ***City of Vero Beach – Utilities only**

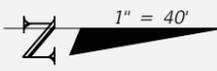
The information and documents contained in this addendum are hereby incorporated in the invitation to bid. **This addendum must be acknowledged where indicated on the bid form, or the bid will be declared non-responsive.**

**Attachments: Plan Sheet 25A
Revised Itemized Bid Schedule – Addendum 3**



LEGEND

- XXXXX UTILITY TO BE REMOVED
- ITEM TO BE REMOVED
- [Hatched Box] FULL ASPHALT PAVEMENT AND BASE REMOVAL
- [Cross-hatched Box] 1.5" THICK MILL AND RESURFACE



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

AARON STANTON, P.E.
P.E. LICENSE NUMBER 72460
MBV ENGINEERING, INC.
1835 20th STREET
VERO BEACH, FL 32960
CERTIFICATE OF AUTHORIZATION 3728

INDIAN RIVER COUNTY DEPARTMENT OF PUBLIC WORKS/ENGINEERING DIVISION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
11th DRIVE	INDIAN RIVER	IRC: 2001 FDOT: N/A

DEMOLITION PLAN - 11TH DRIVE

SHEET NO.
25A

ITEMIZED BID SCHEDULE *ADDENDUM#3 11/8/22

PROJECT NAME: 11th Drive & 37th Street Intersection Improvements

PROJECT NO. IRC-2001 BID NO. 2023009

ADDENDUM 2 - CHANGE

BIDDER'S Name:

* ADDENDUM #3 CHANGE

Item No.	Description	Unit	Quantity	Unit Price	Amount
ROADWAY PAY ITEMS					
101-1	MOBILIZATION	LS	1		
102-1	MAINTENANCE OF TRAFFIC	LS	1		
104-10-3	SEDIMENT BARRIER	LF	4,333		
110-1-1	CLEARING AND GRUBBING	LS	1		
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	133		
120-1	REGULAR EXCAVATION	CY	2,000		
120-6	EMBANKMENT	CY	4,440		
160-4	TYPE B STABILIZATION	SY	11,031		
283-70	FULL DEPTH RECLAMATION	SY	4,011		
285-709	OPTIONAL BASE, GROUP 9	SY	11,031		
300-1	ASPHALT EMULSION, TYPE CSS 1h (PAYMENT WILL BE BASED ON ACTUAL QUANTITY)	GAL	1,204		
300-2	CEMENT TYPE 1 OR TYPE 2 (PAYMENT WILL BE BASED ON ACTUAL QUANTITY)	TN	60		
* 327-70-8	MILLING EXISTING ASPHALTIC PAVEMENT (AVG. 1.5" DEPTH)	SY	2,118		
* 334-1-13	SUPERPAVE ASPHALT CONCRETE, TRAFFIC C, (SP12.5, 2" LIFT)	TN	855		
* 337-7-82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C (FC 9.5, 1" LIFT)	TN	428		
* 337-7-82A	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C (FC 9.5, 1.5" LIFT)	TN	55		
* 400-1-2	CONCRETE CLASS I, ENDWALL (PIPE 18")	CY	1-3		
425-11	MODIFY EXISTING DRAINAGE STRUCTURE (I.E. CONTROL STRUCTURE)	EA	1		
425-1-34	INLET, CURB, TYPE P-4, <10'	EA	8		
425-1-54	INLET, DITCH BOTTOM, TYPE D, <10'	EA	4		
425-1-55	INLET, DITCH BOTTOM, TYPE E, <10'	EA	2		
425-2-41	MANHOLE, P-7, <10'	EA	4		
* 430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" S/CD (RCP)	LF	757		
430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" S/CD (RCP)	LF	167		
* 430-175-130	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 30" S/CD (RCP)	LF	10		
430-175-215	PIPE CULVERT, OPTIONAL MATERIAL, ELLIPTICAL, 12"X18", S/CD, (ERCP)	LF	59		
430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, ELLIPTICAL, 14"X23", S/CD, (ERCP)	LF	208		
430-175-242	PIPE CULVERT, OPTIONAL MATERIAL, ELLIPTICAL, 34"X53", S/CD, (ERCP)	LF	390		
430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	3		
430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	4		
430-984-623	MITERED END SECTION, OPTIONAL-ELLIPTICAL/ARCH, 15" SD	EA	2		
430-984-638	MITERED END SECTION, OPTIONAL-ELLIPTICAL/ARCH, 42" SD	EA	1		

ITEMIZED BID SCHEDULE *ADDENDUM#3 11/8/22
PROJECT NAME: 11th Drive & 37th Street Intersection Improvements

PROJECT NO. IRC-2001 BID NO. 2023009

ADDENDUM 2 - CHANGE

*** ADDENDUM #3 CHANGE**

BIDDER'S Name:

Item No.	Description	Unit	Quantity	Unit Price	Amount
520-1-10	CONCRETE CURB AND GUTTER, TYPE F	LF	2,800		
520-2-4	CONCRETE CURB, TYPE D	LF	43		
522-2	CONCRETE SIDEWALK AND DRIVEWAYS (FIBER REINFORCE) (6" THICK)	SY	1,821		
522-4	BUS SHELTER PAD - CONCRETE (6" THICK FIBER REINFORCE)	SY	75		
527-2	DETECTABLE WARNINGS (YELLOW)	SF	113		
570-1-2	PERFORMANCE TURF, SOD (MATCH EXISTING)	SY	3,300		
630-2-11	CONDUIT (ROADWAY LIGHTING) (F&i) (OPEN TRENCH)	LF	800		
700-1-11	SINGLE SIGN POST, UP TO 12 SF	AS	30		
700-1-50	SINGLE POST SIGN, RELOCATE, UP TO 12 SF	AS	4		
700-3-504	SINGLE POST SIGN, RELOCATE, +31 SF	EA	1		
700-3-601	SINGLE POST SIGN, REMOVE, UP TO 12 SF	EA	6		
700-3-603	SINGLE POST SIGN, RELOCATE, 21-30 SF, BACK-TO-BACK	EA	1		
700-25-1	SIGNS-WAY FINDING (GROUND MOUNT) (12-20FT2) (HOSPITAL EMPLOYEE ENTRANCE)	EA	1		
700-25-2	SIGNS-WAY FINDING (GROUND MOUNT) (21-30FT2) (HOSPITAL EMERGENCY ROOM ENTRANCE)	EA	1		
706-1-1	RAISED PAVEMENT MARKERS	EA	57		
711-11-101	THERMOPLASTIC, PAVEMENT MARKINGS, STANDARD, SOLID WHITE 6"	GM	1		
711-11-103	THERMOPLASTIC, PAVEMENT MARKINGS, STANDARD, SOLID WHITE 12"	GM	0.06		
711-11-125	THERMOPLASTIC, PAVEMENT MARKINGS, STANDARD, SOLID WHITE 24"	LF	128		
711-11-141	THERMOPLASTIC, PAVEMENT MARKINGS STANDARD, SKIP, (2'-4') WHITE, 6"	GM	0.05		
711-11-160	THERMOPLASTIC, PAVEMENT MARKINGS, MESSAGE	EA	16		
711-11-170	THERMOPLASTIC, PAVEMENT MARKINGS, ARROW	EA	25		
711-11-241	THERMOPLASTIC, PAVEMENT MARKINGS, STANDARD, SOLID YELLOW, 6"	GM	0.60		
* 715-4-50	LIGHT POLE COMPLETE, INSTALL	EA	8		
715-4-70	LIGHT POLE COMPLETE, REMOVE	EA	4		
751-35-11	BUS SHELTER, F&I, UP TO 50 SF	EA	2		
IRC-1	REPLACEMENT TREES (NORTH 11TH DR)	LS	1		
IRC-2	ELECTRIC POWER POLE & OHW SYSTEM, RELOCATE (37TH STREET)	EA	2		
IRC-3	ELECTRIC JUNCTION BOX, UNDERGROUND, RELOCATE (37TH STREET)	EA	2		
IRC-4	ELECTRIC JUNCTION BOX, UNDERGROUND, RELOCATE (11TH DR & 36TH STREET)	EA	1		
IRC-5	ELECTRIC POWER POLE & OHW SYSTEM, REMOVE (11TH DR & 36TH STREET)	EA	1		
IRC-6	UNDERGROUND UTILITY - MISC., RELOCATE	LS	1		

ITEMIZED BID SCHEDULE *ADDENDUM#3 11/8/22
PROJECT NAME: 11th Drive & 37th Street Intersection Improvements

PROJECT NO. IRC-2001 BID NO. 2023009

ADDENDUM 2 - CHANGE

*** ADDENDUM #3 CHANGE**

BIDDER'S Name:

Item No.	Description	Unit	Quantity	Unit Price	Amount
IRC-7	HOSPITAL WELLHEAD, CAP AND RELOCATION	EA	1		
IRC-8	HOSPITAL EMPLOYEE ENTRANCE SIGN, REMOVAL	EA	1		
IRC-9	HOSPITAL EMERGENCY ROOM ENTRANCE SIGN, REMOVAL	EA	1		
IRC-10	TREES TO BE REMOVED (PALMS)	EA	7		
IRC-11	TREES TO BE REMOVED (OAKS - 10"-40")	EA	13		
IRC-12	SHRUBS TO BE REMOVED	LS	1		
SIGNALIZATION PAY ITEMS					
101-1	MOBILIZATION/DEMOBILIZATION	LS	1		
102-1	MAINTENANCE OF TRAFFIC	LS	1		
630-2-11	CONDUIT (SIGNAL) (F&I) (OPEN TRENCH)	LF	260		
630-2-12	CONDUIT (SIGNAL) (F&I) (DIRECTIONAL BORE)	LF	625		
632-7-1	CABLE (SIGNAL) (F&I)	PI	1		
633-1-121	FIBER OPTIC CABLE (F&I) (UNDERGROUND) (12 STRAND SMFO)	LF	60		
633-2-31	FIBER OPTIC CONNECTION (I) (SPLICE)	EA	24		
633-3-11	FIBER OPTIC CONNECTION HARDWARE (F&I) (SPLICE ENCLOSURE)	EA	1		
633-3-15	FIBER OPTIC CONNECTION HARDWARE (F&I) (PREDETERMINED PATCH PANEL)	EA	1		
635-2-11	PULL BOX (F&I) (TRAFFIC SIGNAL)	EA	25		
635-2-12	SPLICE BOX (F&I) (TRAFFIC SIGNAL)	EA	1		
639-1-122	ELECTRICAL POWER SERVICE (F&I) (UNDERGROUND) (METER PURCHASED BY CONTRACTOR)	AS	1		
639-2-1	ELECTRICAL SERVICE WIRE (F&I)	LF	290		
639-3-11	ELECTRICAL SERVICE DISCONNECT (F&I) (POLE MOUNTED)	EA	1		
641-2-12	PRESTRESSED CONC. POLE (F&I) (TYPE-II SERVICE POLE)	EA	1		
646-1-11	ALUMINUM SIGNALS POLE (PEDESTAL)	EA	8		
649-21-03	STEEL MAST ARM ASSEMBLY (F&I) (40' ARM)	EA	1		
649-21-06	STEEL MAST ARM ASSEMBLY (F&I) (50' ARM)	EA	2		
649-21-10	STEEL MAST ARM ASSEMBLY (F&I) (60' ARM)	EA	1		
650-1-14	TRAFFIC SIGNAL (F&I) (3-SECTION) (1-WAY) (ALUMINUM)	AS	8		
650-1-16	TRAFFIC SIGNAL (F&I) (4-SECTION) (STRAIGHT) (ALUMINUM)	AS	4		
653-1-11	PEDESTRIAN SIGNAL (F&I) (LED-COUNTDOWN) (1-WAY)	AS	8		
660-4-11	VEHICLE DETECTION VIDEO (F&I) (CABINET EQUIPMENT)	EA	1		
660-4-12	VEHICLE DETECTION VIDEO (F&I) (ABOVE GROUND EQUIPMENT)	EA	4		
665-1-11	PEDESTRIAN DETECTOR (F&I) (POLE/PEDESTAL MOUNTED)	EA	8		
670-5-111	TRAFFIC CONTROLLER ASSEMBLY (F&I) (NEMA) (TYPE 5) (ONE PREEMPTION PLAN)	AS	1		

ITEMIZED BID SCHEDULE *ADDENDUM#3 11/8/22
PROJECT NAME: 11th Drive & 37th Street Intersection Improvements

PROJECT NO. IRC-2001 BID NO. 2023009

ADDENDUM 2 - CHANGE
*** ADDENDUM #3 CHANGE**

BIDDER'S Name:

Item No.	Description	Unit	Quantity	Unit Price	Amount
682-1-133	ITS CCTV CAMERA (F&I) (DOME ENCLOSURE, PTZ) (NON-PRESSURIZED) (IP) (HD)	EA	1		
684-1-1	MANAGED FIELD ETHERNET SWITCH (F&I)	EA	1		
685-1-13	UNINTERRUPTIBLE POWER SUPPLY (F&I) (LINE INTERACTIVE WITH CABINET)	EA	1		
700-5-22	INTERNALLY ILLUMINATED STREET NAME SIGN	EA	4		
715-1-11	LIGHTING CONDUCTORS (F&I) (INSULATED) (No. 10 OR <)	LF	1,725		
715-5-31	LUMINAIRE & BRACKET ARM (F&I)	EA	4		
				SUB-TOTAL =	
999-25				FORCE ACCOUNT =	\$250,000.00
				TOTAL PROJECT BID AMOUNT (INCLUDING FORCE ACCOUNTS) =	

LS=Lump Sum DA=Day LF=Linear Foot AC=Acre SY=Square Yard CY=Cubic Yard TN=Ton EA=Each SF=Square Foot AS=Assembly GM=Gross Mile PI=Per
 Intersection GAL=Gallon

NOTE: IF THERE IS A DISCREPANCY BETWEEN THE PLANS (SUMMARY OF PAY ITEMS) AND THE ITEMIZED BID SCHEDULE, THE BID SCHEDULE WILL BE UTILIZED FOR BIDDING PURPOSES.

TOTAL PROJECT BID AMOUNT IN WORDS
