



ADDENDUM NO. 2

Issue Date: November 1, 2022

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

Bid Number: 2023009

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

This addendum is being released to provide the Pre-Bid meeting minutes, provide answers to questions from Bidders since the meeting, provide a revised Bid Schedule, and provide CADD files in a non-PDF version for Bidder use. These electronic files are non-certified recordings of printed documents prepared by MBV Engineering, Inc. These files are provided only for the convenience of the Receiving Party and are intended solely for the exclusive use by that party for the purposes expressly authorized. In accordance with the standard industry practice, only printed copies of documents conveyed by Indian River County may be relied upon. Any use of the information obtained or derived from these electronic files will be at the Receiving Party's sole risk. Because data stored in electronic format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator. Electronic CADD files are provided for informational purposes only and should not be considered as a replacement to the signed and sealed plans that have been issued for bidding purposes. Any use of the information contained within, or derived from these files is at the sole risk of the recipient.

Questions and Answers

1. On Sheet 17 it says "Each phase of work shall be shown on the phasing plan." Will be phasing plans be provided.
The County does not provide phasing plans. Pay Item Footnote 101-1 on Sheet 4 of the roadway plans states - Mobilization: the lump sum price paid includes, "project phasing" as part of the description.
Phasing Construction Notes, on Sheet 17, of the roadway plans, #1 states "Contractor shall prepare and provide MOT and detours for each phase of work".
2. In the Bid Documents the itemized bid schedule shows 4,011 SY of FDR and in the plans the summary of quantities don't show any FDR. Can you please dictate where the FDR will take place?
There is no FDR within this project. The FDR process was removed from the plans prior to releasing for Bid, but not from the summary of quantities or Bid Documents. The attached revised Bid Schedule has removed the following line items:
283-70 Full Depth Reclamation
300-1 Asphalt Emulsion

Addendum No. 2, IRC-2001

300-2 Cement Type 1 or Type 2

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

Attachments: Pre-Bid Meeting Minutes

CADD file link: <https://mbveng->

my.sharepoint.com/personal/aarons_mbveng_com/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Faarons%5Fmbveng%5Fcom%2FDocuments%2FIRC%2011th%20Drive%20Roadway%20Improvements%2F2022%2D10%2D28%20cad%20files&ga=1

Revised Bid Schedule



Board of County Commissioners

**1801 27th Street
Vero Beach, Florida 32960-3365
Telephone: (772) 567-8000
Fax: (772) 226-1371**

**MANDATORY PRE-BID MEETING MINUTES
11th Drive and 37th Street Roadway and Intersection Improvements
IRC-2001
October 26, 2022 at 10:00 AM
Conference Room A1-303**

The following meeting notes set forth our understanding of the discussions and decisions made at the subject meeting. If no objections, questions, additions, or comments are received within five (5) working days from issuance of the meeting notes, we will assume that our understandings are correct. The project will move forward according to the bid plans and specifications and the understandings herein.

This meeting was recorded as part of the project records.

Project name

11th Drive and 37th Street Roadway and Intersection Improvements

Bid Number

2023009

Introductions/Sign In Sheet

This is a Mandatory Pre-bid meeting. **ATTENDANCE AT THIS CONFERENCE IS REQUIRED. No bidder arriving after the meeting has begun will be allowed to sign in.**

Contract details

Bid Opening: Wednesday, November 16, 2022 at 2:00 P.M.

Contract Time: 240 days to substantial completion

270 days to final completion

Estimate: \$2,947,508.71 (Includes \$250,000.00 Force Account)

Liquidated Damages: \$2,712.00 per day

Project Consultants

MBV Engineering, Inc.

Kimley Horn

Aaron Stanton, P.E. (Roadway)

Michael Foreman, P.E. (Signalization)

Contacts bidding process

All communications concerning this bid shall be directed to Indian River County Purchasing Division at purchasing@ircgov.com

Project Description

The proposed project includes realigning a portion of existing 11th Drive immediately south of 37th Street and south through the 36th Court 4-way stop. Construct a new public road segment of 11th Drive north of 37th Street to currently undeveloped property. Improve the existing intersection of 11th Drive and 37th Street by installing a new mast arm traffic signal with pedestrian cross walks, curb ramps, sidewalk ramps, signage, and pavement markings. Improve the existing Go-Line bus stops by installing separate turn-outs that will allow for the buses to pull off the 37th Street travel lanes to load and off-load passengers. Construct drainage improvements to the existing system to improve function.

Utilities

AT&T

City of Vero Beach Water & Sewer Department

Indian River County Utilities

Comcast

FP&L

Florida Public Utilities

Indian River County Telecommunications

Indian River County Traffic

Crown Castle Fiber

NextEra Energy (AKA Florida City Gas)

Other Issues

- Review and comment with questions and clarifications as soon as possible, no further comments 10 days prior to bid opening (Bid opening is November 16, 2022, **deadline is November 6, 2022**).
- The Notice to Proceed tentative issuance is February, 2023
- Maintenance of Traffic:
 - Contractor shall submit a Maintenance of Traffic Plan to the Traffic Division for approval. The Maintenance of Traffic Plan shall meet the FDOT Index 600, FY 2020-2021 Edition and shall be signed and sealed by a Florida P.E.
 - Access for all businesses and residences shall be maintained at all times.
- Sidewalk construction - true 6" thick concrete, 2% max. slope (no tolerance).
- Testing by TBD
- Work hours are 7:00 AM-5:00 PM, Monday-Friday
- A hurricane contingency plan shall be in place in case of a significant tropical/weather event.
- Material storage and staging areas.

Project Requirements:

- Invoicing: Invoicing shall be submitted on a monthly basis and must include Consent of Surety, all applicable release of liens, and all other documents as noted in the Contract Documents. Project will run through E-Builder project management software.
- Contractors must meet deadlines in order to be in compliance. All deadlines are strictly enforced.
- Summary of required contractor form submittals checklist (Section 200-8 in contract documents).
- **Bidder must be registered with and use, at their sole expense, the Department of Homeland Security's E-Verify system (www.e-verify.gov) to confirm the employment eligibility of all newly hired employees, as required by Section 448.095, F.S..** Owner, Contractor, and Subcontractors may not enter into a contract unless each party to the contract registers with and uses the E-Verify system. Contractor is responsible for obtaining proof of E-Verify registration for all Subcontractors. This requirement applies to any provider of services or goods.

- There will be an Addendum (that will include the Meeting Minutes) – Bidders to review plan documents and provide comments to Purchasing (purchasing@ircgov.com) by end of business **November 6, 2021**
- Permits for the project are provided in Appendix 'A'.

Discussion

- James Ennis (Indian River County Engineering) stated AT&T has substantial fiber utilities on the west side of 11th Drive which provide services to the Cleveland Clinic Indian River Hospital facilities. Extreme care must be taken during construction so that the utilities are not damaged and service shall be continually maintained.
- Rob Skok (Indian River County Engineering) stated the Notice to Proceed may have to be limited due to the on-going difficulty with acquiring materials. A determination will be made closer to that time.
- The project limits are in a high-profile area with previous traffic counts that range between 9,500-12,000 trips per day. Most of the trips are generated by the medical offices and occur during the work day. Because of this, night time and weekend work, when needed, is highly encouraged. If there are overtime expenses for the County's Inspector, the Contractor may or may not be required to pay for those expenses. The hospital's emergency room is only accessible from 36th Street and that should be considered when developing the Maintenance of Traffic plan as access to the emergency room shall be maintained at all times. Notifications for roadway closures shall be given to the County a minimum of two weeks in advance. Additional notification time may be required in the event of closures that are anticipated to last more than a couple of days so as to give the public sufficient advanced notice. Indian River County will serve as the liaison to the hospital personnel during this project.
- Rob Skok asked that all bidders pay particular attention to the pay notes as there are two sets of plans (roadway and signalization) for this project and there is a lot of information contained within the notes.
- The successful bidder will not incur any costs for using the E-Builder project management software. If they are unfamiliar with this software the County will provide training for those employees that will be using it.
- Due to the extent of utilities within the project limits, good communication will be important for the successful coordination and completion of this part of the project. Rob Morris (FP&L) stated that when the cranes are involved, they will be performing their work at night and their utilities at the intersection will be underground. They will be ready to begin work towards the end of February. James Ennis stated that the work being performed by FP&L is associated with this project, and FP&L will not be required to have a Right-of-Way permit. Luke Folkerts (AT&T) stated their work will follow the work being done by FP&L. Their design is complete and their work will be underground in the same locations as where FP&L is underground.
- Rob Skok stated that as the Project Manager for the successful bidder, good communication is important. As soon as the bid is awarded, he will begin work immediately and expects to see Contractor submittals right away.
- Jennifer Hyde (Purchasing) stated the unit price in the itemized bid schedule shall be filled out or the bid will be disqualified.
- Autocad files will be released to the prospective bidders. James Ennis stated the plans that are signed and sealed are official and any discrepancy with them and the digital files are at the risk of the Contractor.
- Clarification was given for the pay item note for the signs and how to bid on that item. The signs will be removed and relocated but on a new sign foundation. The signs will also need to be

permitted through the County's Building Department because there is electric associated with them. A structural engineer may be needed for the sign foundation design plans. A County permit fee schedule is attached in the addendum.

- The County only pays for geotechnical testing that passes and the Contractor is back charged for testing that fails. The Contractor is responsible for their own testing, the County tests are only for verification.
- Meeting adjourned.

Attached

Sign in sheet

SIGN IN SHEET Bid 2023009

11th Dr & 37th Improvements

NAME	CO	PH #	EMAIL
Rob Skok	IRC	226-1931	RSKOK@IRCGOV.COM
Steve Skubal	Ranger Construction	407-468-8518	estimating@rangerconstruction.com
Tim Rose	TRC	772 5647800	Time@timothy Rose contracting.com
Jacob Ertle	RWR Contracting	772 631 9707	Jertle@rwrcontracting.com
Ross Sheltra	Sheltra & Sons Contracting	772-260-9138	Rossheltracontracting.com
Rhett Sheltra	Sheltra & Son's Contracting	772-260-9138 772-696-3404	
Harrison Youngblood	IRCDUS	(772)-226-4343	hyoungblood@ircgov.com
Mike Forman	KIMLET-HORN	(772) 794-4064	MIKE.FORMAN@KIMLET-HORN.COM
KEVIN HANSEN	IRC ENGINEERING	772-226-1465	KHANSEN@IRCGOV.COM
John Korswold	Dickerson Infrastructure Inc.	772-429-4444	JKorswold@dfifl.com
Aaron Stanton	MBV Engineering, Inc.	772-569-0035	astanton@mbveng.com
JAMES W. ENNIS	IRC Engineering Public Works	772-226-1221	jennis@ircgov.com
Todd Howder	MBV Engineering	772-569-0035	toddh@mbveng.com
Jim Mann	IRC	772 226 1891	jmann@ircgov.com
Kishia Kleiendecker	IRC Eng.	772 226 1327	kleiendecker@ircgov.com
Rhett Sheltra	Sheltra & Son's	772-696-3404	RhettSheltra@gmail.com
Jennifer Hyde	IRC Purchasing	772-226-1575	jhyde@ircgov.com

ITEMIZED BID SCHEDULE *ADDENDUM#2

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

PROJECT NO. IRC-2001 BID NO. 2022055

BIDDER'S Name:

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. 2-1/2" DEPTH)	SY	2,118		
334-1-13	SUPERPAVE ASPHALT CONCRETE, TRAFFIC C, (SP12.5, 2" LIFT)	TN	1,079		
337-7-82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C (FC 9.5, 1" LIFT)	TN	539.6		
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	689		
430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" S/CD (RCP)	LF	167		
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		
520-1-10	CONCRETE CURB AND GUTTER, TYPE F	LF	2,800		

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

PROJECT NO. IRC-2001 BID NO. 2022055

BIDDER'S Name:

Item No.	Description	Unit	Quantity	Unit Price	Amount
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	10		
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#2

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

PROJECT NO. IRC-2001 BID NO. 2022055

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		

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

PROJECT NO. IRC-2001 BID NO. 2022055

BIDDER'S Name:

Item No.	Description	Unit	Quantity	Unit Price	Amount
670-5-111	TRAFFIC CONTROLLER ASSEMBLY (F&I) (NEMA) (TYPE 5) (ONE PREEMPTION PLAN)	AS	1		
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
