



ADDENDUM NO. 1

Issue Date: November 4, 2021
Project Name: 66th Avenue and 8th Street Signalization Improvements
Bid Number: 2022007
Bid Opening Date: **Wednesday, November 17, 2021 at 2:00 PM**

This addendum is being released to provide pre-bid meeting minutes, corrections, or change of the Bid Documents. 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.**

Questions and Answers

1. Please provide the Engineer's Estimate for this project.
The Engineers Estimate is \$539,437.25 (which includes a \$50,000.00 force account)

Corrections, Change of Bid Documents

1. Added Pay Items:
0682 1133 - ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION.
This item is included in the revised Itemized Bid Sheet.
2. Added Pay Item Notes:
 - 715-5-31 - Luminaires shall be Autobahn Series ATB0, ATB0 P304 MVOLT R4 4K GN 20 TB PCLL.
 - 715-5-31 - contractor shall install an Indian River County furnished luminaire data and installation date label on the bottom of the luminaire.
 - 684-1-1 - managed ethernet switch – Contract Plans, Sheet 8, C.6 correction:
"6. IN THE CABINET, DATA CONVERSION WILL BE ACCOMPLISHED WITH EXTREME NETWORKS MODEL 1SW 4-10/100P, 2- 10/100T, 2-SFP GIGABIT ETHERNET SWITCH OR IRC-APPROVED EQUIVALENT."
 - 639-1-122 – Electrical power service – Contract Plans, Sheet 9,
"Meter Can shall include a meter replacement bypass lever."
 - 639-1-122 – Electrical power service – add note: Line and load conductors are required to be in a separate pull box at the base of the service disconnect. – An additional pull box has been added to the revised Itemized Bid Sheet for Pay Item 635-2-11.

Questions that are submitted after November 8, 2021 will not be addressed.

Attachments:

Revised Itemized Bid Schedule (**Replace** Itemized Bid Schedule with Itemized Bid Schedule – Addendum 1)
Meeting Minutes of Pre-Bid Meeting held on 11-03-2021 including Sign-In sheet

ITEMIZED BID SCHEDULE - Addendum 1

PROJECT NAME: 66TH AVENUE & 8TH STREET SIGNALIZATION IMPROVEMENTS

PROJECT NO. IRC-2002 BID NO. 2022007

BIDDER'S NAME: _____

Item No.	Description	Unit	Unit Price	Quantity	Amount
	ROADWAY PAY ITEMS				
101-1	MOBILIZATION/ DEMOBILIZATION	LS		1	
102-1	MAINTENANCE OF TRAFFIC	LS		1	
104-2	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS		1	
110-1-1	CLEARING & GRUBBING	LS		1	
327-70-6	ASPHALT PAVEMENT MILLING (1.5-INCH AVG. DEPTH)	SY		2,440	
337-7-83	ASPHALT CONCRETE FRICTION COURSE (FC-12.5) (TRAFFIC LEVEL C, PG 76-22 W/ POLYMER), 1.5-INCH	TN		220	
570-1-2	PERFORMANCE TURF (SOD) (BAHIA)	SY		430	
700-1-60	SINGLE POST SIGN (REMOVE)	AS		6	
700-12-61	SIGN BEACON (REMOVE)	AS		4	
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA		31	
711-11-121	THERMOPLASTIC (STD) (WHITE) (SOLID) (6")	LF		826	
711-11-123	THERMOPLASTIC (STD) (WHITE) (SOLID) (12")	LF		186	
711-11-125	THERMOPLASTIC (STD) (WHITE) (SOLID) (24")	LF		133	
711-11-160	THERMOPLASTIC (STD) (WHITE) (MESSAGE OR SYMBOL)	EA		4	
711-11-170	THERMOPLASTIC (STD) (WHITE) (ARROW)	EA		4	
711-11-221	THERMOPLASTIC (STD) (YELLOW) (SOLID) (6")	LF		521	
	SIGNALIZATION PAY ITEMS				
630-2-11	CONDUIT (SIGNAL) (F & I) (OPEN TRENCH)	LF		115	
630-2-12	CONDUIT (SIGNAL) (F & I) (DIRECTIONAL BORE)	LF		405	
632-7-1	CABLE (SIGNAL) (F & I)	PI		1	
635-2-11	PULL BOX (F & I) (TRAFFIC SIGNAL)	EA		*24	
639-1-122	ELECTRICAL POWER SERVICE (F & I) (UNDERGROUND) (METER PURCHASED BY CONTRACTOR)	AS		1	
639-2-1	ELECTRICAL SERVICE WIRE (F & I)	LF		126	
639-3-11	ELECTRICAL SERVICE DISCONNECT (F & I) (POLE MOUNTED)	EA		1	
641-2-12	PRESTRESSED CONC. POLE (F & I) (TYPE P-II SERVICE POLE)	EA		1	
646-1-11	ALUMINUM SIGNALS POLE (PEDESTAL)	EA		2	

ITEMIZED BID SCHEDULE - Addendum 1

PROJECT NAME: 66TH AVENUE & 8TH STREET SIGNALIZATION IMPROVEMENTS

PROJECT NO. IRC-2002 BID NO. 2022007

BIDDER'S NAME: _____

Item No.	Description	Unit	Unit Price	Quantity	Amount
649-21-3	MAST ARM (F & I) (WIND SPEED - 150) (SINGLE ARM W/LUMINAIRE) (40')	EA		4	
650-1-14	TRAFFIC SIGNAL (F & I) (ALUMINUM) (3-SECTION) (1-WAY)	AS		4	
650-1-18	TRAFFIC SIGNAL (F & I) (ALUMINUM) (5-SECTION) (1 -WAY) (STRAIGHT)	AS		4	
653-1-11	PEDESTRIAN SIGNAL (F & I) (LED-COUNTDOWN) (1-WAY)	AS		2	
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) (STANDARD)	EA		2	
670-5-111	TRAFFIC CONTROLLER ASSEMBLY (F & I) (NEMA) (ONE PREEMPTION PLAN)	AS		1	
*682-1133	*ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION	*EA		*1	
684-1-1	MANAGED FIELD ETHERNET SWITCH (F & I)	EA		1	
685-1-13	UNINTERRUPTIBLE POWER SUPPLY (F & I) (LINE INTERACTIVE W/ CABINET)	EA		1	
700-5-22	INTERNALLY ILLUMINATED SIGN (F&I) (OVERHEAD MOUNT, 12'-18')	EA		4	
715-1-11	LIGHTING CONDUCTORS (F & I) (INSULATED, No. 10 OR <)	LF		1,698	
715-5-31	LUMINAIRE & BRACKET ARM (F & I) (NEW)	EA		4	
999-1	CONSTRUCTION LAYOUT/ RECORD DRAWINGS	LS		1	
66TH AVENUE & 8TH STREET SIGNALIZATION IMPROVEMENTS SUB TOTAL					
999-25	FORCE ACCOUNT				50,000.00
TOTAL BID AMOUNT (INCLUDING FORCE ACCOUNT) TOTAL					

LS=Lump Sum SY=Square Yard TN=Ton AS=Assembly EA=Each LF=Linear Foot PI=Per Intersection

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 _____



Board of County Commissioners

*1801 27th Street
Vero Beach, Florida 32960-3365
Telephone: (772) 567-8000
Fax: (772) 778-9391*

PRE-BID MEETING MINUTES

NOVEMBER 3, 2021, 2:00 P.M.

INDIAN RIVER COUNTY ADMINISTRATION BUILDING

Room A1-303 Building A

66TH AVENUE AND 8TH STREET SIGNALIZATION IMPROVEMENTS

PROJECT NO. IRC-2002

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.

Project Number: IRC-2002
Bid Number: 2022007

INTRODUCTIONS / SIGN IN SHEET:

This is the PRE-BID MEETING; This meeting was recorded as part of the project records.

PROJECT DESCRIPTION:

The proposed improvements to the intersection of 66th Avenue and 8th Street consist of the signalization of the intersection by installing mast arm assemblies with all other appurtenances. Also included is milling and resurfacing, signing and pavement markings, and sodding.

CONTRACT DETAILS

Bid opening: Wednesday, November 17, 2021 at 2:00 PM
Contract time: 90 days to substantial completion
120 days to final completion
Estimate: \$539,437.25 (includes a \$50,000.00 force account)
Liquidated Damages: \$1,665.00 per day

CONTACTS BIDDING PROCESS

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

PROJECT CONSULTANTS:

Mike Foreman, PE
Kimley-Horn and Associates, Inc.

UTILITIES

AT&T
 Florida Power and Light, Co. – Distribution
 Florida Power and Light, Co. – Transmission
 Indian River County Traffic Operations
 Indian River County Utilities

PROJECT REQUIREMENTS:

- 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.
- Submittals, RFI's and Pay Apps will be submitted via e-Builder, the County's cloud based shared file platform.
- Invoicing shall be submitted on monthly basis and must include Consent of Surety, all applicable release of liens, and all other documents as noted in the Contract Documents.
- Any change orders, revisions, time extensions and weather days need to be submitted to Indian River County. Weather letters will be issued on a monthly basis.
- Summary of required Contractors bid forms can be found on the submittal's checklist (Section 00200, Instructions to Bidders, Article 15 – Submittal of Bid).

OTHER ISSUES

- Bidders to review plan documents and provide comments to Indian River Purchasing Department as soon as possible. No further comments or questions will be addressed from end of business, **November 8, 2021**.
- NTP will be given when long lead item (such as the mast arms) have been secured and an estimated delivery can be worked into the schedule.
- Governing Standards and Specification for this project will be FDOT FY 2020-21, FDOT Standard Specifications for Road and Bridge Construction dated January 2020 and the Indian River County Traffic Signal Specifications.
- All testing will be performed per FDOT specifications, this will include asphalt, concrete and the drilled shaft testing installation. Contractor will be required to provide FDOT CQTP testing for drilled shafts.
- All drilled shaft locations will require a 5 ft hand excavation for utility clearance which shall be performed in advance of the drilled shaft mobilization.
- A Drilled Shaft Installation Plan needs to be submitted for approval.
- Contractor shall submit material and storage staging area for approval.
- All areas disturbed by the Contractor will need to be restored to original conditions or better.
- Contractor shall submit a "Hurricane Preparedness" plan prior to Notice to Proceed.
- IRC work hours are Monday to Friday from 7:00 AM to 5:00 PM

- Maintenance of Traffic:
 - Contractor shall submit a Maintenance of Traffic Plan to the Indian River County, Engineering Division for approval
 - The Maintenance of Traffic Plan shall meet the requirements set forth in the MUTCD & FDOT Index 600, FY2020-2021 Edition and shall be signed and sealed by a Florida PE.
 - 1 lane of traffic in each direction on 66th Avenue and 8th Street shall be maintained at all times.
 - Access for school, businesses and residences, school buses, sanitation & US Postal Service and emergency vehicles must be maintained at all times.
 - Temporary Lane Closures require notice to the IRC traffic department 72 hours in advance and can be conducted between 9 AM and 4 PM.
 - Detour routes must be developed and signed by a Professional Engineer and approved by the County.
- There will be an Addendum (that will include the Meeting Minutes) – Bidders to review plan documents and provide comments to Purchasing by end of business November 8, 2021.

DISCUSSION

- *Indian River County will allow work to be performed outside of normal work hours with advanced notice and permission from the County. An inspector will need to be available to work and additional expenses (overtime charges) will be incurred by the Contractor.*
- *The County will adjust the start of the contract time based on the difficulties and the lead time in which the Contractor experiences in obtaining materials and supplies for the project. The County will take inventory of their existing equipment, specifically the traffic controller cabinets, that could be used for this project and make it available to the Contractor, if necessary. In addition, the County could attempt to purchase the equipment and make it available for use by the Contractor. A partial Notice to Proceed for Material expenses will be issued.*
- *The Contractor is required to purchase materials, have it stored and provide a release of lien before the County will reimburse the Contractor. This is per County standards.*
- *An addendum will be issued regarding changes to pay items and equipment and will include the minutes to this meeting.*
- *The pull boxes will require mower aprons.*
- *All electrical grounding shall be done per FDOT.*
- *Meeting adjourned.*

