

**Proposal to Provide  
Professional Engineering Services  
for  
IRC Project No. 1638 – 6<sup>th</sup> Avenue Resurfacing Project  
US-1 to 21<sup>st</sup> Street  
Vero Beach, Indian River County, Florida**

Indian River County (County) is proposing to improve the safety and operation of 6<sup>th</sup> Avenue from Highway US-1 to 21<sup>st</sup> Street. Approximately 3,700 LF (0.7 miles) of the road (15<sup>th</sup> Place north to 21<sup>st</sup> Street) are within the city limits of Vero Beach, FL. The proposed improvements consist of milling and resurfacing the existing asphalt pavement, filing in sidewalk gaps, and upgrading pedestrian crossings to current FDOT standards. Included in the scope of services are survey and geotechnical services for roadway cores. The total length of roadway within the project area is approximately 10,560 LF (2.0 miles).

Through Work Order 1 issued March 5<sup>th</sup>, 2019 Atkins has developed Construction Plans, Specifications and Cost Estimate for the propose improvements. This scope of work for additional services is for redesign work required by FDOT as noted below:

## **SECTION 1 SCOPE OF SERVICES**

### **TASK 1: SURVEY UPDATE**

Based on FDOT comments of the 90% Plans the County provided additional information on the existing right of way location., particularly at and along the intersections of 6<sup>th</sup> Avenue from 17<sup>th</sup> Street north to 21<sup>st</sup> Street including the north right of way line of 21<sup>st</sup> Street. The project surveyor coordinated with the County Surveyor to obtain this information and updated the project survey.

### **TASK 2: ROADWAY AND SIGNAL PLAN REDESIGN**

The original intent was that the design of proposed improvements that would require additional right of way and/or easement(s), including temporary construction easements in locations where right of way was limited for the construction of sidewalks, miscellaneous drainage improvements and construction access. Atkins coordinated with County staff on those locations and provided sketches for the County's use in contacting the landowners. Following FDOT review of the project FDOT comments required removal of this work and required all work to be done from within the existing right of way. Atkins coordinated with the IRC staff and the project surveyor on the right of location. Based on County staff direction to remove all work outside the right of way Atkins revised the construction drawings after the 90% submittal. This direction was made after receipt of county staff review comments for the 90% plans and while Atkins was finalizing the 100% construction documents for resubmittal to the county.

**SECTION 2 ASSUMPTIONS AND EXCLUSIONS**

See original scope of services.

**SECTION 3 SCHEDULE & DELIVERABLES**

Work under this Amendment will be incorporated into the 100% Construction Documents.

**SECTION 4 COMPENSATION**

The proposed scope of services will be provided on a lump sum basis administered pursuant to the provisions of our master contract dated April 17, 2018 and invoiced monthly based on the percentage of completion of the overall project.

<b>Task 1:</b> Survey update	\$	2,651.25
<b>Task 2:</b> Roadway and Signal Plan Redesign	\$	16,080.00
<b>TOTAL</b>	\$	<u>18,731.25</u>

# EXHIBIT A

<b>MAN HOUR BREAKDOWN</b>					
Project:	<b>IRC GEC - 6th Avenue Resurfacing Redesign work</b>	DATE:	<b>10/19/2020</b>		
BY:	<b>JHW</b>				
<i><b>TASK DESCRIPTION</b></i>	PROGRAM MGR	SR ENG III/ PM	SR ENG I	ENG I	CAD DESIGNER
<b>Task 1 - Survey Update</b>					
(SUBCONTRACTED)					
<b>Subtotal</b>	0.0	0.0	0.0	0.0	0.0
<b>Task 2 - Roadway and Signal Plan Redesign</b>					
Coord w/ Surveyor & IRC re R/W		6.0			
Roadway Plan Redeisgn		8.0	12.0	12.0	24.0
Signal Plan Redesign		6.0	8.0	8.0	20.0
QAQC	4.0	8.0			
<b>Subtotal</b>	4.0	28.0	20.0	20.0	44.0
<b>TOTAL HOURS</b>	<b>4.0</b>	<b>28.0</b>	<b>20.0</b>	<b>20.0</b>	<b>44.0</b>