

ATTACHMENT 1

November 9, 2018

Mr. William Johnson, P.E.
Roadway Production Engineer
Indian River County
1801 27th Street – Building A
Vero Beach, FL 32960

RE: IRC 1325 – 58th Avenue FDR, Proposal for Additional Engineering Services

Dear Mr. Johnson:

Bowman Consulting Group has reviewed the plan review comments and based on our meeting of September 13, 2018, we respectfully submit this proposal for additional services based on changes in scope of the project. A portion of the County identified work is constructability review comments and will be handled at no additional charge. However, a portion of the work involves a change in scope and we are requesting additional compensation for this work. This proposal covers the additional work that Bowman and Lassiter Transportation Group will perform. No other subconsultants are involved with this request.

We received a list of comments from the County and have reviewed the list, sorted and combined the comments that result in additional services, where applicable. This list was reviewed with the County to assure we understood the scope of work required to be performed and to see if there were things that could be done to streamline the work and reduce cost. The following list is for Bowman Consulting only and the proposed work to be performed by Lassiter is included in a separate proposal attached hereto.

SCOPE OF SERVICES

Item No.	Comment	Issue
10	Update Util Details (3/18)	No charge
18	Utility Coordination Meeting	We have sent out utility notices as a part of the contract. Some utilities never responded. Adding meetings including coordinate, attend and memorialize 1 meeting, Engr 4hr
20	Project Layout	Requires modifying the phasing plan. We are closing streets in sections to give the contractor the whole street to work with due to reprofiling the street and changing grades. Streets will be open to local traffic and emergency vehicles. The County desires the 69th Street work to be completed as early in the project as possible. Phasing Plan only: Engr 2hrs + CAD 2hrs
22	Silt Fence out of Clear Zone	After review with the County it was determined the only change to the SWPPP drawings is to remove the silt

		fencing around the culvert inlets at 58 Ave/62 Lane. No Charge
21, 23, 24,	Revise Begin Project	Revise Plan & Profile, Intersection and cross section sheets to reflect new limits of work. Approach is to leave sheets in and gray out NIC. Revise drawings including revise typical details for new limits, redesign conforms quantities, cost estimates. Engr 16hrs + CAD 24hrs
33	Ditch Bottom Inlet	The County has decided that the existing headwall will be removed and a new junction structure added and pipes connected at this location. It was agreed that this design modification will be detailed on the road plan sheets with control elevations and construction notes only, no profiles or cross sections are proposed Engr 2 + CAD 3hr
34	Directional Drill Fiber	After review with the County, it was determined that the best approach for this location is to shallow the conduit up to go over the existing culverts. No Charge.
35, 42, 52	Up Date 85 th St Intersection	Design conforms and change work limits, ramps and other items that have changed with the right turn lane. Engr 1hr+ CAD 4hr
34, 43, 51	Fiber Optic	The County confirmed that the bury depth be 3' of cover on the conduits. As the depth of these conduits now conflict with existing piping, the alignment will be redesigned to provide more clearance with existing facilities. Engr 16hr + CAD 48hr
	Design Driveways at Ball Field	Driveway extension including storm drains, County to provide connecting grades. Impacts, quantities, costs plan sheets. No Charge.
		Total Engr hrs = 41hr x 150\$/hr = \$6,150 Total CAD hrs = 81hr x 105\$/hr = \$8,505

COMPENSATION

We will provide the requested services on a Lump Sum Cost, with estimated task breakdown below:

Additional Design Services:

Task	Design Services	Fee
Bowman	As listed in the above table	\$14,655
Lassiter	As listed in the attached proposal	\$10,040
	Mark up on Subconsultants	\$0
	Total	\$24,695

Sincerely,



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