



December 27, 2017

Brian Rosen  
Project Manager  
City of Coconut Creek  
4900 W. Copans Road  
Coconut Creek, FL 33063

**RE: Pedestrian Lighting Design Project**

Dear Mr. Rosen:

Following is our proposal to prepare lighting plans and provide construction assistance for the project described below:

**I. PROJECT DESCRIPTION:**

R J Behar will determine the most feasible and appropriate locations for pedestrian lights in the ROW of the south side of Coconut Creek Parkway from Broward College to Lyons Road. Plans and specifications will be provided based on the following scope of work.

**II. SCOPE OF WORK:**

**A. Design:** The following tasks will be performed during the design phase:

1. Field Visits
2. Key Sheet
3. Summary of Quantities
4. General Notes Sheet
5. MOT/TCP Notes and details
6. Plans Sheets
7. Photometric Calculations
8. Electrical Power Supply Design
9. Power Supply and Miscellaneous Details
10. Utility Coordination
11. Broward County Permitting
12. Specifications
13. Cost Estimate
14. Progress Meetings/Phase Reviews
15. Quality Control

**B. Construction Assistance:** The following tasks will be performed during the construction phase:

1. Attend Pre-Construction meeting
2. Respond to Request for Information (RFI)
3. Progress Meetings
4. Shop Drawings Review
5. Site Visits
6. Project Closeout and Certification

**C. Survey:** The City of Coconut Creek will provide the following:

1. Survey and existing plans from a previous project prepared by Atkins in AutoCAD.
2. Service point capacity plans prepared by Atkins in 2010.

Subsurface Utility Engineering (SUE) (utility soft digs) may be required; anywhere from 0-32 SUEs, depending on what underground utilities exist along the back of the south sidewalk, which is the proposed location of the lighting poles. We have included 10 SUEs in this proposal.

The proposed design and survey (SUEs) fee is \$37,840.00. A detailed breakdown is attached for your perusal.

We appreciate the opportunity to serve the City of Coconut Creek and pledge our commitment to client satisfaction thru responsive and professional service. If you have any questions please do not hesitate to contact me at (954) 680-7771.

Sincerely,

**R.J. BEHAR & COMPANY, INC.**

*Hans Murzi*

Hans Murzi, PE, CFM  
Project Manager



**DESIGN AND CONST. DOCS.**

**R.J. BEHAR & COMPANY**

**PROJECT DESCRIPTION: Coconut Creek Prkwy Lighting from Lyons Rd to W of Turnpike (approx. 4800 LF)**

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HRS/ UNIT	TOTAL HOURS	REMARKS
Key Sheet	SHEET	1	8	8	
Summary of Quantities	SHEET	1	16	16	
General Notes	SHEET	1	16	16	includes utility contact table
MOT/TCP Notes and Details	SHEET	1	24	24	
Plan Sheets	SHEET	9	8	72	Based on 40 scale
Photometric Calculations	LS	1	24	24	
Electrical Power Supply Design	LS	1	20	20	
Power Supply and Miscellaneous Details	SHEET	1	18	18	
Utility Coordination	LS	1	12	12	Includes FPL coordination
Broward County Permitting	LS	1	24	24	
Specifications	LS	1	24	24	
Cost Estimate	EA	3	4	12	30%, 75%, & 100%
Field Reviews	LS	2	6	12	
Progress Meetings/Phase Reviews	EA	2	4	8	
Quality Control	L.S.	1	5.00%	15	
<b>SUBTOTAL</b>				<b>281</b>	

**CONSTRUCTION ASSISTANCE  
FEE PROPOSAL SUMMARY**

**PROJECT DESCRIPTION: Coconut Creek Prkwy Lighting from Lyons Rd to W of Turnpike (approx. 4800 LF)**

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HRS/ UNIT	NO. OF SHEETS	TOTAL HOURS	REMARKS
Respond to Request For Information (RFI)	LS	1	20		20	
Site Visits	EA	5	4		20	
Progress meeting	EA	2	4		8	Includes Travel Time and minutes
Shop Drawings Reviews	EA	3	4		12	
Project Closeout and Certification	LS	1	6		6	
Attend Pre-con Meeting	LS	1	4		4	
SUBTOTAL					70	

The above hours are estimated based on a construction duration not to exceed 180 days