



STRICKLAND ENGINEERING

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www.stricklandengineering.com

April 11, 2023

Mr. Don Schuette
Director of Electric Utilities
City of Jackson
101 Court Street
Jackson, Missouri 63755

RE: East Jackson Blvd
Roadway Lighting
Engineering Services

Dear Mr. Schuette:

Strickland Engineering is pleased to submit a fee proposal for engineering services for updating the design and bidding documents of the East Jackson Boulevard Roadway Lighting project on East Jackson Blvd from near Gloria Street to Old Orchard Road. The following information summarizes the scope of work, engineering fee and schedule of rates.

SCOPE OF SERVICES

Design Phase

- Review lighting calculations from suppliers for LED fixtures.
- Update the plans to reflect current field conditions and modify lighting layout as necessary.
- Update the contract documents as required to have the project ready to bid when desired by the City.
- Bid phase services to assist City.
- Construction phase services to assist City.

COMPENSATION

The City shall compensate the Engineer for performance of the services on an hourly basis plus expenses. Total payment by the City to the Engineer shall not exceed \$38,100, without prior written authorization by the City. The following rate schedule will be used as the basis of compensation.

Engineering Fee

Total Engineering Fee	\$38,100.00
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Rate Schedule

Engineer V	\$175.00/hr
Engineer IV	\$150.00/hr
Engineer III	\$125.00/hr
Engineer II	\$100.00/hr
PLS	\$100.00/hr
Surveyor I	\$75.00/hr
Survey Technician III	\$50.00/hr

Survey Crew	\$125.00/hr
Engineering Designer IV	\$90.00/hr
Engineering Designer III	\$80.00/hr
Engineering Designer II	\$70.00/hr
Engineering Designer I	\$65.00/hr
Engineering Technician III	\$80.00/hr
Engineering Technician II	\$55.00/hr
Engineering Technician I	\$50.00/hr
Administrative Secretary	\$40.00/hr
Professional Consultants	cost + 10%
Wide Format Copy, 24 x 36	\$2.20/sheet
Wide Format Copy, 30 x 42	\$3.30/sheet
Wide Format Copy, Half Set	\$1.10/sheet
Copies, 8-1/2 x 11	\$0.08/sheet
Postage	cost
Auto travel	\$0.65.5/mile
Other expenses	cost

Please contact me if you have any questions regarding this proposal. I look forward to working with you on this project.

Sincerely,



Brian W. Strickland, PE, PLS
Project Manager



COST PROPOSAL WORKSHEET FOR :

HIGHWAY LIGHTING

**FEE ESTIMATE FOR
CITY OF JACKSON - JACKSON BLVD LIGHTING**

Date: 4/13/2023
Prepared by: BS

LABOR:

<u>Task No.</u>	<u>Task Description</u>	<u>Task M.H.</u>	<u>Task Cost</u>	<u>Eng V</u>	<u>Eng IV</u>	<u>Surv I</u>	<u>Eng Des IV</u>	<u>Surv</u>	<u>Admin</u>
1	Survey to locate new improvements	56.0	\$6,200	8.0		24.0		24.0	
2	Lighting calculations	16.0	\$2,400		16.0				
3	Plans & specs	100.0	\$14,300	20.0	60.0		20.0		
4	Bid phase services	32.0	\$5,200	16.0	16.0				
5	Construction phase services	60.0	\$10,000	40.0	20.0				
6		0.0	\$0						
7		0.0	\$0						
8		0.0	\$0						
		TOTAL M.H:	264.0	84.0	112.0	24.0	20.0	24.0	0.0
		TOTAL ESTIMATED LABOR COSTS :	\$38,100						
		USE:	\$38,100						

Notes:

EXPENSES:

Item

Hubs	0	\$	0.28	\$0
Lathes	0	\$	0.38	\$0
Filing Fee	0	\$	30.00	\$0
Mileage	0	\$	0.49	\$0
Reproduction & Photocopy	--	SAY		\$0
Postage	--	SAY		\$0
Misc. Direct Expenses		SAY		\$0
ESTIMATED DIRECT EXPENSES				\$0
TOTAL ESTIMATED COST:				\$38,100

<u>Total Cost</u>	<u>PERSONNEL CLASSIFICATIONS LEGEND:</u>	
	Eng V	Engineer V
	Eng IV	Engineer IV
	Surv I	Surveyor I
	Eng Des IV	Engineering Designer IV
	Surv	Survey Crew
	Admin	Administrative