

SIGNATURE PAGE

P-36-2023

To the Monmouth County Board of County Commissioners:

**THE UNDERSIGNED HEREBY DECLARES THAT
I (WE) HAVE CAREFULLY EXAMINED THE SPECIFICATIONS.
I (WE) HEREBY CERTIFY PRICES QUOTED ARE IN ACCORDANCE
WITH YOUR REQUIREMENTS.**

Company Name: LiRo Engineers, Inc.
(PRINT)

Preparer's Name: Anthony Panzarino, PE
(PRINT)

Signature:  December 14, 2023
(DATE)

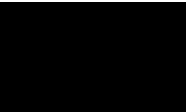
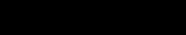
Address: 333 Thornall Street, Suite 100, Edison, New Jersey 08837

Telephone No.: 732-993-5477

Fax No.: 516-938-5491

E-Mail Address: panzarinoa@liro.com
*****(This should be the email where Contracts would be sent)*****

Contact Person: Anthony Panzarino, PE

FEIN: 
(Federal Employee ID)
BRC: 

(Business Registration Certificate)

(Revised 2/2017)

PROJECT COST & WORK HOUR PROPOSAL FORM

PROFESSIONAL ENGINEERING SERVICES REGARDING THE DESIGN FOR THE REPLACEMENT OF BRIDGE R-22 ON CLARK STREET OVER LUPPATATONG CREEK IN THE TOWNSHIP OF HAZLET AND BOROUGH OF KEYPORT, MONMOUTH COUNTY, NJ

TASK	DESCRIPTION	PVII Principal	PVI QC Lead	PVI Proj Mgr	PV Proj Engr	PIV Sr Engr	PIII Engineer	PII Jr Engr	PII CAD Draft	Tech Sec			TOTAL HOURS	LABOR COST BY TASK
Project Tasks														
1	Field Survey						8						8	\$1,056
2	Deed Research & ROW Documents						8						8	\$1,056
3	Geotechnical Services				8		8						16	\$2,746
4	Hydrologic and Hydraulics Analysis			8		32							40	\$7,776
5	Environmental Study & Permits			8		24							32	\$6,336
6	Alternatives Analysis			16	16		80	40	40				192	\$26,419
7	Bridge Design & Contract Documents		16	16			160	80	80				352	\$46,080
8	Highway Design & Contract Documents		8	8	16		160	80	80				352	\$45,427
9	Traffic Design & Contract Documents			8	16		96	80	48				248	\$31,123
10	Utility Coordination & Contract Documents			8			120	120					248	\$28,800
11	Meetings & Community Involvement			16	16								32	\$7,411
12	Project Management			32									32	\$8,064
13	Construction Support				8		24	40					72	\$8,506
(a) Man-hours		0	24	120	80	56	664	440	248	0	0	0	1632	\$220,800
(b) Direct Salary Rate		\$110	\$105	\$105	\$88	\$75	\$55	\$38	\$50	\$30	\$40	\$30		
(c) Multiplier		2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4		
TOTAL LABOR COST: (a)x(b)x(c)		\$0	\$6,048	\$30,240	\$16,896	\$10,080	\$87,648	\$40,128	\$29,760	\$0	\$0	\$0		\$220,800

DIRECT EXPENSES	
SUB-CONSULTANTS (Specify Tasks)	
MFS (Surveying & ROW)	\$73,000
GEI (Environmental/Hydraulics/Permits)	\$133,000
GEI (Geotechnical Engineering & Soil Borings)	\$50,000
SUBTOTAL -Sub-consultants	\$256,000
Reproduction	\$1,500
Postage/Delivery	\$500
Transportation	\$200
Out of Pocket Expenses	\$1,000
SUBTOTAL - Misc. Expenses	\$3,200
TOTAL DIRECT EXPENSES	\$259,200

- NOTE:
1. Direct Salary Rate should not include employee benefits.
 2. Multiplier includes overhead, profit and employee benefits.
(Only one multiplier shall be used for all employees)
 3. Labor Cost By Task=(Man-hour)x(Direct Salary Rate)x(Multiplier)
 4. Direct expenses will be billed at invoice costs (no profit or overhead)
 5. Overhead shall include commutation, lodging, meals, and indirect expenses.

TOTAL LABOR COST	\$220,800
TOTAL DIRECT EXPENSES	\$259,200
TOTAL PROJECT COST	\$480,000