

SIGNATURE PAGE

P-57-2025

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 "Tony" Panzarino, PE

(PRINT)

Signature:  3/31/26

(DATE)

Address: 333 Thornall Street, Suite 100

Edison, NJ 08837

Telephone No.: 732-993-5477

Fax No.: 516-214-8199

E-Mail Address: panzarinoa@liro-hill.com

*****(This should be the email where Contracts would be sent)*****

Contact Person: Anthony "Tony" 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 HL-61 ON LAKEWOOD-ALLENWOOD ROAD OVER HAYSTACK BROOK IN
 TOWNSHIP OF HOWELL, MONMOUTH COUNTY, NEW JERSEY

TASK	DESCRIPTION	PVII Project Manager	PVI Project Engineer	PV Senior Engineer	PIV Senior Engineer	PIII Staff Engineer	PII Staff Engineer	ET5 Staff Designer	ET4 Survey Crew	ET3 CAD Tech	Tech Sec	TOTAL HOURS	LABOR COST BY TASK
1	Field Survey		2					8				10	\$ 468.00
2	Deed Research & ROW Documents		2					6				8	\$ 388.00
3	Geotechnical Services		2	6		8		16				32	\$ 1,592.00
4	Hydrologic & Hydraulic Analysis		4	8		8						20	\$ 1,224.00
5	Environmental Study & Permits		4	8		8						20	\$ 1,224.00
6	Alternative Analysis		8	24			24			56		112	\$ 6,192.00
7	Bridge Design & Contract Documents		36	72		82	114			96		400	\$ 22,248.00
8	Highway Design & Contract Documents		20	32		60	72			64		248	\$ 13,632.00
9	Traffic Design & Contract Documents		8	16				32		40		96	\$ 4,944.00
10	Utility Coordination & Contract Documents		8	10			40					58	\$ 3,212.00
11	Meetings & Community Involvement	6	8	8								22	\$ 1,676.00
12	Project Management	54										54	\$ 5,292.00
13	Construction Support		16	40		60						116	\$ 6,904.00
(a) Work-hours		60	118	224	0	226	250	62	0	256	0	1196	
(b) Direct Salary Rate (See Note 1)		\$ 98.00	\$ 74.00	\$ 62.00	\$ 58.00	\$ 54.00	\$ 50.00	\$ 40.00	\$ 40.00	\$ 52.00	\$ 30.00		
Direct Labor Cost (Internal Use Only)		\$ 5,880.00	\$ 8,732.00	\$ 13,888.00	\$ -	\$ 12,204.00	\$ 12,500.00	\$ 2,480.00	\$ -	\$ 13,312.00	\$ -		\$ 68,996.00
(c) Multiplier (See Note 2)						2.50							
TOTAL LABOR COST: (a) x (b) x (c)		\$ 14,700.00	\$ 21,830.00	\$ 34,720.00	\$ -	\$ 30,510.00	\$ 31,250.00	\$ 6,200.00	\$ -	\$ 33,280.00	\$ -		\$ 172,490.00

Total Hours (LiRo + Subs) **2,216 Hours**

DIRECT EXPENSES	
SUBCONSULTANTS	
Surveying & Basemapping (GTS Consultants, Inc.) (261 Hrs)	\$ 28,520.95
ROW Engineering (GTS Consultants, Inc.) (81 Hrs)	\$ 10,643.82
Geotechnical Engineering (GEI Consultants, Inc.) (147 Hrs)	\$ 27,500.00
Hydrologic & Hydraulic Analysis (GEI Consultants, Inc.) (304 Hrs)	\$ 46,434.17
Environmental Study & Permits (GEI Consultants, Inc.) (151 Hrs)	\$ 25,074.17
Cultural Resources Screening (Hunter Research, Inc.) (76 Hrs)	\$ 7,107.00
SUBTOTAL - Subconsultants	\$ 145,280.11
Reproduction	\$ 1,500.00
Postage/Delivery	\$ 225.00
Transportation	\$ 425.00
Out of Pocket Expenses	\$ -
SUBTOTAL - Misc. Expenses	\$ 2,150.00
TOTAL DIRECT EXPENSES	\$ 147,430.11

NOTE:

1. Direct Salary Rate does not include employee benefits.
2. Multiplier includes overhead, profit and employee benefits. (Only one multiplier is used for all employees.)
3. Labor Cost By Task = (Work-hour) x (Direct Salary Rate) x (Multiplier)
4. Direct Expenses will be billed at invoice cost (no profit or overhead)
5. Overhead includes commutation, lodging, meals, and indirect expenses.
6. Geotechnical fee includes two (2) borings.

TOTAL LABOR COST	\$172,490.00
TOTAL DIRECT EXPENSES	\$147,430.11
TOTAL PROJECT COST	\$319,920.11