

SIGNATURE PAGE

P-25-2025

To the Board of County Commissioners of the County of Monmouth:

**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:  3/17/2026
(DATE)





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

Contact Person: Anthony "Tony" Panzarino, PE

FEIN: 




(Revised 2/2017)

PROJECT COST & WORK HOUR PROPOSAL FORM

PROFESSIONAL ENGINEERING SERVICES REGARDING THE
RECONSTRUCTION OF BRIDGE MN-4 ON COUNTY ROUTE 527 (SMITHBURG ROAD) OVER MANALAPAN BROOK AND THE REHABILITATION OF MANALAPAN BROOK POND DAM IN THE TOWNSHIPS OF MANALAPAN AND MILLSTONE, 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	1		4				8				13	\$ 666.00
2	Deed Research & ROW Documents			4				6				10	\$ 488.00
3	Geotechnical Services	1		4		4						9	\$ 562.00
4	Hydrologic & Hydraulic Analysis											0	\$ -
5	Environmental Study & Permits		8	16								24	\$ 1,584.00
6	Alternative Analysis	2	8	16			16			40		82	\$ 4,660.00
7	Bridge Design & Contract Documents	2	40	64		120	140			120		486	\$ 26,844.00
8	Dam Design & Contract Documents	2	16	24		40						82	\$ 5,028.00
9	Highway Design & Contract Documents	2	20	60		72	40			60		254	\$ 14,404.00
10	Traffic Design & Contract Documents	2	4	20				60		40		126	\$ 6,212.00
11	Utility Coordination & Contract Documents	2	8	12			40					62	\$ 3,532.00
12	Meetings & Community Involvement	34	16								8	58	\$ 4,756.00
13	Project Management	72										72	\$ 7,056.00
14	Construction Support		16	40		60						116	\$ 6,904.00
(a) Work-hours		120	136	264	0	296	236	74	0	260	8	1394	
(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)		\$ 11,760.00	\$ 10,064.00	\$ 16,368.00	\$ -	\$ 15,984.00	\$ 11,800.00	\$ 2,960.00	\$ -	\$ 13,520.00	\$ 240.00		\$ 82,696.00
(c) Multiplier (See Note 2)		2.55											
TOTAL LABOR COST: (a) x (b) x (c)		\$ 29,988.00	\$ 25,663.20	\$ 41,738.40	\$ -	\$ 40,759.20	\$ 30,090.00	\$ 7,548.00	\$ -	\$ 34,476.00	\$ 612.00		\$ 210,874.80
Total Hours (LiRo + Subs)												2,616 Hours	

DIRECT EXPENSES	
SUBCONSULTANTS	
Surveying & Basemapping (GTS Consultants, Inc.) (358 Hrs)	\$ 38,565.69
ROW Engineering (GTS Consultants, Inc.) (87 Hrs)	\$ 11,419.51
Geotechnical Engineering (French & Parelo Associates) (141 Hrs)	\$ 52,168.85
Dam Design (French & Parelo Associates) (436 Hrs)	\$ 53,280.90
Environmental Study & Permits (French & Parelo Associates) (119 Hrs)	\$ 14,370.95
Construction Support Dam (French & Parelo Associates) (34 Hrs)	\$ 4,966.10
Phase IA Cultural Resources Survey (Hunter Research, Inc.) (81 Hrs)	\$ 7,908.60
SUBTOTAL - Subconsultants	\$182,680.60
Reproduction	\$ 3,000.00
Postage/Delivery	\$ 800.00
Transportation	\$ 825.00
Out of Pocket Expenses	\$ -
SUBTOTAL - Misc. Expenses	\$ 4,625.00
TOTAL DIRECT EXPENSES	\$ 187,305.60

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.

TOTAL LABOR COST	\$210,874.80
TOTAL DIRECT EXPENSES	\$187,305.60
TOTAL PROJECT COST	\$398,180.40