

**SIGNATURE PAGE**

**P-46-2021**

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: CME Associates  
(PRINT)

Preparer's Name: Michael J. McClelland, PE, P, CME, Partner  
(PRINT)

Signature:   
(DATE)

Address: 3147 Bordentown Avenue  
Parlin, New Jersey 08859

Telephone No.: 732-727-8000

Fax No.: 732-727-3989

E-Mail Address: mmcclelland@cmeusa1.com

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

Contact Person: Michael J. McClelland

FEIN: 

(Federal Employee ID)

BRC:   
(Business Registration Cert)

(Revised 2/2017)



C  
O  
S  
T  
  
P  
R  
O  
P  
O  
S  
A  
L

**SECTION 5 – COST PROPOSAL**

**Project Tasks:**

Task 1: Field Survey.....	\$34,627.20
Task 2: Deed Research and ROW Documents.....	\$34,137.60
Task 3: Geotechnical Services.....	\$13,723.20
Task 4: Hydrologic and Hydraulic Analysis.....	\$15,254.40
Task 5: Environmental Study and Permits.....	\$26,078.40
Task 6: Alternatives Analysis.....	\$41,260.80
Task 7: Bridge Design and Contract Documents.....	\$71,395.20
Task 8: Highway Design and Contract Documents.....	\$80,112.00
Task 9: Traffic Design and Contract Documents.....	\$13,996.80
Task 10: Utility Coordination and Contract Documents.....	\$12,369.60
Task 11: Meetings and Community Involvement.....	\$24,364.80
Task 12: Project Management.....	\$22,579.20
Task 13: Construction Support.....	\$16,396.80
<b>Total Labor Cost.....</b>	<b>\$406,296.00</b>
<b>Required Direct Expenses.....</b>	<b>\$25,106.80</b>
<b>Total Project Cost.....</b>	<b>\$431,402.80</b>
<b>“If Required” Direct Expenses.....</b>	<b>\$14,504.95</b>
<b><u>TOTAL COST INCLUDING “IF REQUIRED”</u></b>	<b><u>\$445,907.75</u></b>

Total Proposal in Words:

**The Grand Total Proposed Project Cost is four hundred and forty-five thousand, nine hundred and seven dollars and seventy-five cents.**

Any additional out of scope work that may be required to complete this project will require approval from the County.

**PROJECT COST & WORK HOUR PROPOSAL FORM**

PROFESSIONAL ENGINEERING SERVICES REGARDING THE DESIGN FOR THE REPLACEMENT OF BRIDGE U-73 ON IMLAYSTOWN-HIGHTSTOWN ROAD OVER NEW SHARON BROOK IN THE TOWNSHIP OF UPPER FREEHOLD

TASK	DESCRIPTION	P-IX Managing Partner / Partner	P-VIII Principal	P-VII Senior Supervising Engineer	P-VI Supervising Engineer/Environm entalist	P-V Senior Project Engineer/Environm entalist	P-IV Project Engineer/Senior Construction Engineer	P-III Engineer III	P-II Engineer II	ET-V Land Surveyor	ET-IV Party Chief / Senior Cadd Tech	ET-II Survey / Env Tech	Admin/Clerical	TOTAL HOURS	LABOR COST BY TASK (See Note 3)
<b>Project Tasks</b>															
1	Field Survey			4.00	8.00					30.00	96.00	98.00	40.00	276.00	\$ 34,627.20
2	Deed Research and ROW Documents			40.00	24.00						100.00	20.00	60.00	244.00	\$ 34,137.60
3	Geotechnical Services			12.00	15.00		32.00	55.00						114.00	\$ 13,723.20
4	Hydrologic and Hydraulic Analysis		2.00				120.00							122.00	\$ 15,254.40
5	Environmental Study and Permits				14.00		104.00				12.00	78.00		208.00	\$ 26,078.40
6	Alternatives Analysis	3.00		8.00	76.00	40.00	152.00		32.00					311.00	\$ 41,260.80
7	Bridge Design and Contract Documents	3.00		42.00	54.00	121.00	184.00	34.00	133.00					571.00	\$ 71,395.20
8	Highway Design and Contract Documents	10.00	2.00		212.00		352.00							576.00	\$ 80,112.00
9	Traffic Design and Contract Documents				36.00			96.00						132.00	\$ 13,996.80
10	Utility Coordination and Contract Documents	2.00		8.00	23.00		52.00							85.00	\$ 12,369.60
11	Meetings and Community Involvement			56.00	10.00		84.00							150.00	\$ 24,364.80
12	Project Management	4.00		96.00										100.00	\$ 22,579.20
13	Construction Support			16.00	8.00		56.00		56.00					136.00	\$ 16,396.80
	(a) Hours	22.00	4.00	282.00	480.00	161.00	1136.00	185.00	221.00	30.00	208.00	196.00	100.00	3,025.00	
	(b) Direct Salary Rate (See Note 1)	\$ 120.00	\$ 118.00	\$ 93.00	\$ 66.00	\$ 55.00	\$ 51.00	\$ 36.00	\$ 35.00	\$ 55.00	\$ 55.00	\$ 51.00	\$ 40.00		
	(c) Multiplier (See Note 2)	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40		
		0.73%	0.13%	9.32%	15.87%	5.32%	37.55%	6.12%	7.31%	0.99%	6.88%	6.48%	3.31%		
	<b>TOTAL LABOR COST: ( a ) x ( b ) x ( c )</b>	\$ 6,336.00	\$ 1,132.80	\$ 62,942.40	\$ 76,032.00	\$ 21,252.00	\$ 139,046.40	\$ 15,984.00	\$ 18,564.00	\$ 3,960.00	\$ 27,456.00	\$ 23,990.40	\$ 9,600.00		\$ 406,296.00

DIRECT EXPENSES	
<b>SUB-CONSULTANTS (Specify Tasks)</b>	
Drilling Subcontractor (ETD) (Required)	\$ 7,856.80
Laboratory Testing (Required)	\$ 1,150.00
All Anticipated Permit Fees (Required)	\$ 13,100.00
Traffic Control (Required)	\$ 1,000.00
RGA - Phase IA Survey (If Required)	\$ 6,756.25
RGA - Phase IB Survey (If Required)	\$ 7,748.70
<b>SUBTOTAL - Sub-Consultants</b>	<b>\$ 37,611.75</b>
Reproduction (Required)	\$ 500.00
Postage/Delivery (Required)	\$ 500.00
Transportation (Required)	\$ 500.00
Out of Pocket Expenses (Required)	\$ 500.00
<b>SUBTOTAL - Miscellaneous Expenses</b>	<b>\$ 2,000.00</b>
<b>TOTAL DIRECT EXPENSES</b>	<b>\$ 39,611.75</b>

**NOTES:**

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 = ( Hour ) x ( Direct Salary Rate ) x ( Multiplier )
4. Direct expenses will be billed at invoice costs (no profit or overhead).
5. Overhead shall include communication, lodging, meals and indirect expenses.



<b>TOTAL LABOR COST</b>	<b>\$ 406,296.00</b>
<b>REQUIRED DIRECT EXPENSES</b>	<b>\$ 25,106.80</b>
<b>TOTAL PROJECT COST</b>	<b>\$ 431,402.80</b>

<b>"IF REQUIRED" DIRECT EXPENSES (RGA)</b>	<b>\$ 14,504.95</b>
--	---------------------

<b>TOTAL COST, INCLUDING "IF REQUIRED"</b>	<b>\$ 445,907.75</b>
--	----------------------

**PROPOSAL FOR PROFESSIONAL SERVICES - MONMOUTH COUNTY, NJ  
RFP #P-46-2021**

**Professional Engineering Services Regarding the Design of the Replacement of Bridge U-73 on Imlaystown-Hightstown Road over New Sharon Brook, located in Upper Freehold Township, Monmouth County**

**FEE SCHEDULE FORM**

<b>ASCE GRADE</b>	<b>EQUIVALENT FEDERAL GENERAL SCHEDULE GRADE</b>	<b>EQUIVALENT FIRM TITLE (TO BE ADDED BY FIRM)</b>	<b>BILLING RATE</b>
P-IX		Partner	120.00
P-VIII		Principal	118.00
P-VII		Senior Supervising Engineer/Environmentalist	93.00
P-VI		Supervising Engineer/Environmentalist	66.00
P-V		Senior Project Engineer/Environmentalist	55.00
P-IV		Project Engineer/Senior Construction Engineer	51.00
P-III		Engineer III	36.00
P-II		Engineer II	35.00
P-I		Engineer I	32.00
ET-V		Land Surveyor	55.00
ET-IV		Party Chief/Senior Cadd Technician	55.00
ET-III			
ET-II		Field / Design Technician	51.00
Admin/ Clerical		Supervising Administrator	40.00