

P-13-2024

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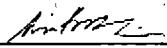
P-13-2024

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: Cornerstone Environmental Group, LLC
(PRINT)

Preparer's Name: Arie Kremen, PhD
(PRINT)

Signature:  December 14, 2023
(DATE)


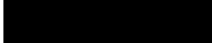
Address: 16 Pearl Street, Suite 210
Metuchen, NJ 08840

Telephone No.: 877-294-9070

Fax No.: 877-845-1456

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

Contact Person: Arie Kremen, Senior Client Manager

FEIN: 
(Federal Employee ID)
BRC: 
(Business Registration Cert)

(Revised 2/2017)

**Cost Proposal Form for On-Call Professional Solid Waste and Environmental Engineering, Planning, and Surveying Services in
Connecion with the Operation and Permitting of the Monmouth County Reclamation Center**

Employee Name		Billing Title	Category	2024 MCRC Rate	2024 MCRC Rate with Overhead & Profit
Bilgri	Thomas A (Tom)	Client Manager 4	Principal	\$ 233.64	\$ 257.00
Holmes	Robert Adrian (Robert)	Client Manager 4	Principal	\$ 233.64	\$ 257.00
Hullings	Donald E (Donald)	Client Manager 4	Principal	\$ 233.64	\$ 257.00
Schellberg	Andrew C (Andrew)	Client Manager 4	Principal	\$ 233.64	\$ 257.00
Odell	Daryl R (Daryl)	Client Manager 4	Principal	\$ 224.55	\$ 247.00
Shaw	Prentiss A (Prentiss)	Client Manager 4	Principal	\$ 224.55	\$ 247.00
Swyka	Mark A (Mark)	Client Manager 4	Principal	\$ 224.55	\$ 247.00
Calvache	Edwin A (Edwin)	Client Manager 3	Principal	\$ 220.91	\$ 243.00
Kremen	Arie P (Arie)	Client Manager 3	Principal	\$ 210.00	\$ 231.00
Darby	Debra Cheryl (Debra)	Client Manager 2	Principal	\$ 193.64	\$ 213.00
Medley	Tiffany L (Tiffany)	Client Manager 2	Principal	\$ 204.55	\$ 225.00
Perse	Jonathan David (Joe)	Client Manager 2	Principal	\$ 193.64	\$ 213.00
McGraner	Jerry Lane (Jerry)	Technical Manager 2	Principal	\$ 204.55	\$ 225.00
Scrimgeour	Marcus Matthew (Marcus)	Technical Manager 2	Principal	\$ 204.55	\$ 225.00
Allen	Douglas G (Doug)	Client Manager 1	Principal	\$ 192.73	\$ 212.00
Bowyer	Jennifer Elaine (Jennifer)	Client Manager 1	Principal	\$ 192.73	\$ 212.00
Deal	Jennifer Lyn (Jennifer)	Client Manager 1	Principal	\$ 192.73	\$ 212.00
Mika	Kenneth R (Ken)	Client Manager 1	Principal	\$ 220.91	\$ 243.00
			Average Total Employee Cost, Principal Level Staff	\$	234.61

**Cost Proposal Form for On-Call Professional Solid Waste and Environmental Engineering, Planning, and Surveying Services in
Connecion with the Operation and Permitting of the Monmouth County Reclamation Center**

Employee Name		Billing Title	Category	2024 MCRC Rate	2024 MCRC Rate with Overhead & Profit
Eller	Carl W (Carl)	Sr Project Manager 2	Project Manager	\$ 180.91	\$ 199.00
Mendola	Magdalena E (Magdalena)	Sr Project Manager 2	Project Manager	\$ 171.82	\$ 189.00
Mutch	Paul D (Paul)	Sr Project Manager 2	Project Manager	\$ 180.91	\$ 199.00
Piedmont Fleischmann	Bodhi A (Bodhi)	Sr Project Manager 2	Project Manager	\$ 180.91	\$ 199.00
Thordahl	Kristen M (Kristen)	Sr Project Manager 2	Project Manager	\$ 192.73	\$ 212.00
Weier	Aaron J (Aaron)	Sr Project Manager 2	Project Manager	\$ 171.82	\$ 189.00
Boudreau	Matthew P (Matt)	Sr Project Manager 1	Project Manager	\$ 160.00	\$ 176.00
Brown	Tyler R (Tyler)	Sr Project Manager 1	Project Manager	\$ 160.00	\$ 176.00
Miller	Scott D (Scott)	Sr Project Manager 1	Project Manager	\$ 192.73	\$ 212.00
Bloomenkranz	William David (Bill)	Project Manager 2	Project Manager	\$ 149.09	\$ 164.00
Nolden	Randy Bernard (Randy)	Project Manager 2	Project Manager	\$ 170.00	\$ 187.00
Rohr	Logan Douglas (Logan)	Project Manager 2	Project Manager	\$ 149.09	\$ 164.00
Shurie	Kirstie Lee (Kirstie)	Project Manager 2	Project Manager	\$ 149.09	\$ 164.00
Beebe	Matthew R (Matthew)	Engineer/Scientist 5	Project Manager	\$ 170.00	\$ 187.00
Conroy	Diane M (Diane)	Project Manager 1	Project Manager	\$ 143.64	\$ 158.00
Schaeffer	William F (Will)	Engineer/Scientist 4	Project Manager	\$ 143.64	\$ 158.00
			Average Total Employee Cost, Project Manager Level Staff	\$	183.31

**Cost Proposal Form for On-Call Professional Solid Waste and Environmental Engineering, Planning, and Surveying Services in
Connexion with the Operation and Permitting of the Monmouth County Reclamation Center**

Employee Name		Billing Title	Category	2024 MCRC Rate	2024 MCRC Rate with Overhead & Profit
Philip	Jiss (Jiss)	Sr Engineer 1	Sr Technical	\$ 170.00	\$ 187.00
Preston	John M (John)	Sr Engineer 1	Sr Technical	\$ 180.91	\$ 199.00
Cummings	Shaun R (Shaun)	Sr CAD Designer 3	Sr Technical	\$ 139.09	\$ 153.00
Wilson	Scottie Shawn (Scott)	Sr CAD Designer 3	Sr Technical	\$ 139.09	\$ 153.00
Chizhov	Larisa (Larisa)	Sr CAD Designer 2	Sr Technical	\$ 139.09	\$ 153.00
Eklund	Riley Michael (Riley)	Engineer/Scientist 3	Sr Technical	\$ 143.64	\$ 158.00
Rogers	Kyle Ryan (Kyle)	Engineer/Scientist 3	Sr Technical	\$ 133.64	\$ 147.00
Schellberg	Robert T (Robert)	Engineer/Scientist 3	Sr Technical	\$ 143.64	\$ 158.00
Williams	Nelson Tyler (Tyler)	Sr CAD Designer	Sr Technical	\$ 110.00	\$ 121.00
Wheeler	Daniel A (Daniel)	Sr Tech 2	Sr Technical	\$ 110.00	\$ 121.00
Whitman	Jason A (Jason)	Sr Tech 2	Sr Technical	\$ 105.45	\$ 116.00
Williams	Kyle R (Kyle)	Sr Tech 2	Sr Technical	\$ 110.00	\$ 121.00
Egger	George J (George)	Sr Tech 1	Sr Technical	\$ 99.09	\$ 109.00
Farinaro	Luke Thomas (Luke)	Sr Tech 1	Sr Technical	\$ 95.45	\$ 105.00
Szabo	Lawrence (Larry)	Sr Tech 1	Sr Technical	\$ 99.09	\$ 109.00
			Average Total Employee Cost, Senior Technical Level Staff	\$	140.67

**Cost Proposal Form for On-Call Professional Solid Waste and Environmental Engineering, Planning, and Surveying Services in
Connexion with the Operation and Permitting of the Monmouth County Reclamation Center**

Employee Name		Billing Title	Category	2024 MCRC Rate	2024 MCRC Rate with Overhead & Profit
Lonergan	Edward Paul (Ed)	Field Manager	Technical	\$ 133.64	\$ 147.00
Rouse	Robert Richard (Bob)	Field Manager	Technical	\$ 133.64	\$ 147.00
West	Jeremy M (Jeremy)	Field Manager	Technical	\$ 143.64	\$ 158.00
Stenshorn	David S (David)	Sr CAD Designer 3	Technical	\$ 139.09	\$ 153.00
Cava	Sean Paul (Sean)	Engineer/Scientist 2	Technical	\$ 133.64	\$ 147.00
Boswell	Justin (Justin)	Engineer/Scientist 1	Technical	\$ 110.00	\$ 121.00
Connelly	Brittany Christine (Brittany)	Engineer/Scientist 1	Technical	\$ 110.00	\$ 121.00
Eblacker	Randal E (Randy)	Engineer/Scientist 1	Technical	\$ 120.00	\$ 132.00
Mack	Hope Katelyn (Hope)	Engineer/Scientist 1	Technical	\$ 110.00	\$ 121.00
Pimentel	Jasmine Caroline (Jasmine)	Engineer/Scientist 1	Technical	\$ 110.00	\$ 121.00
Shawar	Mohamad Amer (Amer)	Engineer/Scientist 1	Technical	\$ 105.45	\$ 116.00
Vorsa	Katrine Linda (Katie)	Engineer/Scientist 1	Technical	\$ 110.00	\$ 121.00
			Average Total Employee Cost, Technical Level Staff		\$ 133.75
Carrick	Ian Tyler (Ian)	Tech 2	Staff Technician	\$ 92.73	\$ 102.00
Korin	Ashley E (Ashley)	Tech 2	Staff Technician	\$ 110.00	\$ 121.00
Zuge	Ashley (Ashley)	Tech 2	Staff Technician	\$ 92.73	\$ 102.00
			Average Total Employee Cost, Staff Technical Level Staff		\$ 108.33
Chadwick	Ana Jacqueline (Ana)	Sr Project Administrative	Administrative	\$ 110.00	\$ 121.00
Hill	Julie Jean (Julie)	Sr Project Administrative	Administrative	\$ 110.00	\$ 121.00
Byrd	SueAnn Marie (Sue)	Administrative	Administrative	\$ 84.55	\$ 93.00
Griffiths	Lou Ann (Louann)	Administrative	Administrative	\$ 74.55	\$ 82.00
			Average Total Employee Cost, Administrative (Clerical) Level Staff		\$ 104.25

**Cost Proposal Form for On-Call Professional Solid Waste and Environmental Engineering, Planning, and Surveying Services in
Connecion with the Operation and Permitting of the Monmouth County Reclamation Center**

Employee Name		Billing Title	Category	2024 MCRC Rate	2024 MCRC Rate with Overhead & Profit
Survey Crew				Average Total Employee Cost, 2-person Survey Crew Staff	\$ 165.00

Project Cost and Work Hour Proposal Forms

Cost Proposal Form for Professional Services Regarding the Defined Solid Waste Support Tasks and On-call Solid Waste Management and Engineering, Planning and Surveying Services in Connection with the Operation and Permitting of the Monmouth County Division of Reclamation Facilities for the Period of January 1, 2024 through December 31, 2024

Task No.	Task Description	Employee Name		Title Classification	Rate	Hours	Subtotal Cost
1A	MCRC Groundwater Protection Program	Shaw	Prentiss A (Prentiss)	Principal	\$ 224.55	8	\$ 1,796.40
	Statistical Analysis and Compliance Reporting	Kremen	Arie P (Arie)	Principal	\$ 210.00	20	\$ 4,200.00
		Mendola	Magdalena E (Magdalena)	Project Manager	\$ 171.82	60	\$ 10,309.20
		Korin	Ashley E (Ashley)	Staff Technician	\$ 110.00	90	\$ 9,900.00
1B	MCRC Ground Water Measurements and Contour Mapping	Kremen	Arie P (Arie)	Principal	\$ 210.00	8	\$ 1,680.00
		Mendola	Magdalena E (Magdalena)	Project Manager	\$ 171.82	20	\$ 3,436.40
		Korin	Ashley E (Ashley)	Staff Technician	\$ 110.00	30	\$ 3,300.00
		Chizhov	Larisa (Larisa)	Sr Technical	\$ 139.09	20	\$ 2,781.80
		Carrick	Ian Tyler (Ian)	Staff Technician	\$ 92.73	40	\$ 3,709.20
	Task 1, Total Employee Subtotal Cost						
Overhead, Benefits and Profit Multiplier							1.10
Total Employee Cost (including Multiplier)							\$ 45,224.30
Direct Non-salary Expenses (printing, copying, travel, etc.)							\$ 500.00
Subcontractor Total Cost							\$ -
Total Task #1							\$ 45,724.30
Task No.	Task Description	Employee Name		Title Classification	Rate	Hours	Subtotal Cost
2	Discharge to Groundwater for Basins	Shaw	Prentiss A (Prentiss)	Principal	\$ 224.55	4	\$ 898.20
		Kremen	Arie P (Arie)	Principal	\$ 210.00	12	\$ 2,520.00
		Mendola	Magdalena E (Magdalena)	Project Manager	\$ 171.82	30	\$ 5,154.60
		Korin	Ashley E (Ashley)	Staff Technician	\$ 110.00	60	\$ 6,600.00
Task 2, Total Employee Subtotal Cost							\$ 15,172.80
Overhead, Benefits and Profit Multiplier							1.10
Total Employee Cost (including Multiplier)							\$ 16,690.08
Direct Non-salary Expenses (printing, copying, travel, etc.)							\$ 1,000.00
Subcontractor Total Cost							\$ -
Total Task #2							\$ 17,690.08

Project Cost and Work Hour Proposal Forms

Cost Proposal Form for Professional Services Regarding the Defined Solid Waste Support Tasks and On-call Solid Waste Management and Engineering, Planning and Surveying Services in Connection with the Operation and Permitting of the Monmouth County Division of Reclamation Facilities for the Period of January 1, 2024 through December 31, 2024

Task No.	Task Description	Employee Name		Title Classification	Rate	Hours	Subtotal Cost
3	Title V Permit	Kremen	Arie P (Arie)	Principal	\$ 210.00	12	\$ 2,520.00
		Medley	Tiffany L (Tiffany)	Principal	\$ 204.55	100	\$ 20,455.00
		Conroy	Diane M (Diane)	Project Manager	\$ 143.64	20	\$ 2,872.80
		Connelly	Brittany Christine (Brittany)	Technical	\$ 110.00	120	\$ 13,200.00
				Task 3, Total Employee Subtotal Cost			\$ 39,047.80
				Overhead, Benefits and Profit Multiplier			1.10
				Total Employee Cost (including Multiplier)			\$ 42,952.58
				Direct Non-salary Expenses (printing, copying, travel, etc.)			\$ 1,250.00
				Subcontractor Total Cost			\$ -
				Total Task #3			\$ 44,202.58

Project Cost and Work-Hour Proposal Forms

Cost Proposal Form for Professional Services Regarding the Defined Solid Waste Support Tasks and On-call Solid Waste Management and Engineering, Planning and Surveying Services in Connection with the Operation and Permitting of the Monmouth County Division of Reclamation Facilities for the Period of January 1, 2024 through December 31, 2024

Task No.	Task Description	Employee Name		Title Classification	Rate	Hours	Subtotal Cost
4	Phase IV Landfill Expansion Tasks	Shaw	Prentiss A (Prentiss)	Principal	\$ 224.55	132	\$ 29,640.60
		Kremen	Arie P (Arie)	Principal	\$ 210.00	520	\$ 109,200.00
		Scrimgeour	Marcus Matthew (Marcus)	Principal	\$ 204.55	264	\$ 54,001.20
		Beebe	Matthew R (Matthew)	Project Manager	\$ 170.00	176	\$ 29,920.00
		Nolden	Randy Bernard (Randy)	Project Manager	\$ 170.00	132	\$ 22,440.00
		Rogers	Kyle Ryan (Kyle)	Sr Technical	\$ 133.64	176	\$ 23,520.64
		Boswell	Justin (Justin)	Technical	\$ 110.00	176	\$ 19,360.00
		Pimentel	Jasmine Caroline (Jasmine)	Technical	\$ 110.00	176	\$ 19,360.00
		Egger	George J (George)	Sr Technical	\$ 99.09	440	\$ 43,599.60
		Farinaro	Luke Thomas (Luke)	Sr Technical	\$ 95.45	440	\$ 41,998.00
Task #4, Total Employee Subtotal Cost							\$ 393,040.04
Overhead, Benefits and Profit Multiplier							1.10
Total Employee Cost (including Multiplier)							\$ 432,344.04
Direct Non-salary Expenses							\$ 210,459.40
(printing, copying, travel, etc.)							
Subcontractor Total Cost							
Total Task #4							\$ 642,803.44
<u>Assumptions Regarding Task 4, Phase IV Landfill Expansion</u>							
	* Contractor mobilization/Start of Construction			3/1/2024			
	* Construction work week			Monday through Friday			
	* Working hours			7:00 am through 4:00 pm			
	* One (1) CQA Senior Field Technician			entire period			
	* One (1) CQA Field Technician from			7/1/2024			
	* Per-diem in accordance with GSA Rates						
	* Mileage						
	* Allowance for supplementary QA/QC testing: \$10,000						

Project Cost and Work Hour Proposal Forms

Cost Proposal Form for Professional Services Regarding the Defined Solid Waste Support Tasks and On-call Solid Waste Management and Engineering, Planning and Surveying Services in Connection with the Operation and Permitting of the Monmouth County Division of Reclamation Facilities for the Period of January 1, 2024 through December 31, 2024

Task No.	Task Description	Employee Name		Title Classification	Rate	Hours	Subtotal Cost
5	Third-Party RNG Facility Support	Kremen	Arie P (Arie)	Principal	\$ 210.00	96	\$ 20,160.00
		Medley	Tiffany L (Tiffany)	Principal	\$ 204.55	60	\$ 12,273.00
		McGraner	Jerry Lane (Jerry)	Principal	\$ 204.55	36	\$ 7,363.80
		Scrimgeour	Marcus Matthew (Marcus)	Principal	\$ 204.55	36	\$ 7,363.80
		Conroy	Diane M (Diane)	Project Manager	\$ 143.64	48	\$ 6,894.72
		Boswell	Justin (Justin)	Technical	\$ 110.00	36	\$ 3,960.00
		Connelly	Brittany Christine (Brittany)	Technical	\$ 110.00	48	\$ 5,280.00
Task #5, Total Employee Subtotal Cost							\$ 63,295.32
Overhead, Benefits and Profit Multiplier							1.10
Total Employee Cost (including Multiplier)							\$ 69,624.85
Direct Non-salary Expenses (printing, copying, travel, etc.)							\$ 1,750.00
Subcontractor Total Cost							\$ -
Total Task #5							\$ 71,374.85

Proposal Summary Form

Proposal Cost

1 **TOTAL ALL DEFINED TASKS - 1 THROUGH 5 TOTAL COST** = \$ 821,795.26

ON CALL HOURLY SERVICES:

2 Average Principal Level Staff Total Employee Cost x 200 hours = \$ 46,922.00

Average Project Manager Level Staff Total Employee Cost x 450 hours = \$ 82,489.50

Average Senior Level Technical Staff Total Employee Cost x 400 hours = \$ 56,268.00

Average Technical Level Staff Total Employee Cost x 350 hours = \$ 46,812.50

Average Staff Technicians Level Staff Total Employee Cost x 150 hours = \$ 16,249.50

Average Administrative (Clerical) Staff Total Employee Cost x 100 hours = \$ 10,425.00

Average Survey 2-Party Crew - Group Rate Total Employee Cost x 50 hours = \$ 8,250.00

TOTAL ON CALL HOURLY SERVICES = \$ 267,416.50

3 **DIRECT NON-SALARY EXPENSES FOR ON CALL HOURLY SERVICES - ALLOWANCE** \$ 25,000.00

4 **CONSULTANT'S TOTAL PROPOSAL COST- ITEMS 1 THROUGH 3 (ABOVE) INCLUSIVE** = \$ 1,114,211.76

Notes:

- * A 3% communication fee will be applied to all labor charges. The fee will be applied against the Allowance;
- * A mark-up of 10% will be applied to all subcontractor charges. The mark-up will be applied against the Allowance;
- * Mileage will be charged at the prevailing rate set by the Government Service Administration;
- * Per-diem and lodging will be charged at the prevailing rates and in accordance with practices set by the Government Service Administration;
- * The hourly rate for surveying is based on the use of a robotic vehicle. The hourly rate for a two-party survey crew is \$200.00 ;
- * Surveying will be performed by Environmental Resources, Inc. as a subcontractor to Tetra Tech;