

CC2025-14 ENGINEERING SERVICES DESIGN, BIDDING, CONSTRUCTION SUPERVISION OF A WATER MAIN ANCILLARY STRUCTURE TO CONNECT KLOCKNER BOOSTER ZONE WITH BOOSTER 3 ZONE HOPEWELL - PROPOSAL OPENING DATE 11/05/2025 AT 11:00AM

CC2025-14 ENGINEERING SERVICES FOR DESIGN, BIDDING, AND CONSTRUCTION SUPERVISION OF A WATER MAIN AND ANCILLARY STRUCTURE TO CONNECT KLOCKNER BOOSTER ZONE WITH BOOSTER 3 ZONE HOPEWELL TWFP. AND IMPROVEMENTS TO THE KLOCKNER PUMP STATION FOR DEPARTMENT OF WATER AND SEWER, TRENTON WATER WORKS, TRENTON WATER FILTRATION PLANT FOR A PERIOD OF THIRTY (30) MONTHS – VIRTUAL CC OPENING DATE 11/05/2025 AT 11:00AM			
NUMBER OF RESPONDENTS:			3
NAME OF BIDDER	REMINGTON & VERNICK ENGINEERS	CME ASSOCIATES	ARCADIS U.S., INC.
ADDRESS	2059 SPRINGDALE ROAD	1 TOWER CENTER BOULEVARD, 20TH FLOOR	15 EAST MIDLAND AVENUE, SUITE 3E
CITY, STATE, ZIP	CHERRY HILL, NJ 08003	EAST BRUNSWICK, NJ 08816	PARAMUS, NJ 07652
CONTACT NAME	LEONARD A. FAIOLA	KEITH CHIARAVALLO	CATHERINE MALLON
TELEPHONE	856 795 9595	732 727 8000	914 282 1655
FAX	856 795 1882	732 727 3989	N/A
E-MAIL	LEONARD.FAIOLA@RVE.COM	KCHIARAVALLO@CMEAUSA1.COM	CATHERINE.MALLON@ARCADIS.COM
NOTICE OF INTENT TO SUBCONTRACT(MANDATORY)	NONE	YES	YES
SUBCONTRACTORS NAME AND LICENSING	N/A	INCLUDED/ SEE ATTACHED	INCLUDED/ SEE ATTACHED
DISCLOSURE OF OWNERSHIP STATEMENT(MANDATORY)	INCLUDED	INCLUDED	INCLUDED
ACKNOWLEDGMENT OF RECEIPT OF ADDENDA #1 10/16/25	INCLUDED	INCLUDED	INCLUDED
ACKNOWLEDGMENT OF RECEIPT OF ADDENDA #2 10/23/25	INCLUDED	INCLUDED	INCLUDED
NON-COLLUSION AFFIDAVIT (MANDATORY)	INCLUDED	INCLUDED	INCLUDED
AMERICAN WITH DISABILITIES ACT OF 1990 LANGUAGE (MANDATORY)	INCLUDED	INCLUDED	INCLUDED
CERTIFICATION OF NON-DEBARMENT FOR FEDERAL GOVERNMENT CONTRACTS	INCLUDED	INCLUDED	INCLUDED
POLITICAL CONTRIBUTION DISCLOSURE FORM (REQUIRED PRIOR TO AWARD)	INCLUDED	INCLUDED	INCLUDED
EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE (EXHIBIT A) (MANDATORY)	INCLUDED	INCLUDED	INCLUDED
REQUIRED EVIDENCE AFFIRMATIVE ACTION REGULATIONS (MANDATORY)	INCLUDED	INCLUDED	INCLUDED
DISCLOSURE OF INVESTMENT ACTIVITIES IN RUSSIA OR BELARUS	INCLUDED	INCLUDED	INCLUDED
DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN	INCLUDED	INCLUDED	INCLUDED
CITY OF TRENTON RESIDENT EMPLOYMENT POLICY	INCLUDED	INCLUDED	INCLUDED
ETHICS COMPLAINT DISCLOSURE	INCLUDED	INCLUDED	INCLUDED
ENGINEERING LICENSES AND CERTIFICATIONS	INCLUDED	INCLUDED	INCLUDED
NJ BUSINESS REGISTRATION CERTIFICATE (PRIOR TO AWARD)	INCLUDED	INCLUDED	INCLUDED
EIC (EMPLOYEE INFORMATION CERTIFICATE)	CERT# 61809 EXP 10/15/2028	CERT#1818 EXP 02/15/2026	CERT#188 EXP 08/15/2027
GRAND TOTAL AMOUNT	\$882,540.00	\$949,888.71	\$1,714,988.00
60-DAY EXTENSION COMPLIANCE	YES	YES	YES
COMPLIANCE WITH EMERGENCY SERVICES	YES	YES	YES
EXCEPTIONS	NONE	NONE	NONE
THREE (3) REFERENCES	INCLUDED	INCLUDED	INCLUDED
FATAL FLAW	NONE	NONE	NONE

## TRENTON WATER WORKS (TWW)

**CC2025-14: Engineering Services for Design, Bidding, and Construction Supervision of a Water Main and Ancillary Structure to connect Klockner Booster zone with Booster 3 Zone Hopewell Twp and Improvement to the Klockner Pump Station for a Period of Thirty (30) Months**

### MANHOUR BREAKDOWN

#### **TASK 1 - Kickoff / Pre-Design Meeting**

	Rate	Hours	Fee
Principal - QAQC	\$250	1	\$250
Project Engineer / Manager	\$225	8	\$1,800
Project Engineer	\$215	4	\$860
Senior Engineering Technician	\$180	12	\$2,160
Project Coordinator	\$180	5	\$900
Engineering Technician	\$150	0	\$0
Senior Draftsperson	\$175	0	\$0
Technical Aide	\$90	2	\$180
<b>Subtotal Task 1</b>	<b>32</b>		<b>\$6,150</b>

#### **TASK 2 - Engineering Design & Permitting - Part A: Booster 3 and Klockner Zones**

	Rate	Hours	Fee
Task 2A - Future Demand Analysis			
Principal - QAQC	\$250	2	\$500
Project Engineer / Manager	\$225	8	\$1,800
Project Engineer - Tech Lead	\$225	10	\$2,250
Senior Engineering Technician - W/WW	\$180	40	\$7,200
Engineering Technician	\$150	12	\$1,800
Senior Draftsperson - W/WW / GIS	\$175	24	\$4,200
Technical Aide	\$90	12	\$1,080
Program Coordinator	\$180	12	\$2,160
<b>Subtotal 2A</b>		<b>120</b>	<b>\$20,990</b>

#### **Task 2B- Hydraulic Model**

	Rate	Hours	Fee
Principal - QAQC	\$250	4	\$1,000
Project Engineer / Manager	\$225	16	\$3,600
Project Engineer - Model	\$225	72	\$16,200
Senior Engineering Technician - W/WW	\$180	16	\$2,880
Senior GIS - W/WW	\$175	24	\$4,200
Technical Aide	\$90	5	\$450
Program Coordinator	\$180	12	\$2,160
<b>Subtotal 2B</b>		<b>149</b>	<b>\$30,490</b>

#### **Task 2C - Water Main Design**

	Rate	Hours	Fee
Survey - Department Head - QAQC	\$210	16	\$3,360
Survey Manager	\$205	24	\$4,920
Party Chief	\$155	112	\$17,360
Transit / Rod Person	\$150	112	\$16,800
Senior CAD Tech	\$175	112	\$19,600
Principal - QAQC	\$250	8	\$2,000
Project Engineer / Manager	\$225	24	\$5,400
Project Engineer - Tech Lead	\$225	40	\$9,000
Senior Engineering Technician - W/WW	\$180	240	\$43,200
Engineering Technician	\$150	24	\$3,600
Senior Draftsperson - W/WW	\$175	200	\$35,000
Technical Aide	\$90	24	\$2,160
Program Coordinator	\$180	24	\$4,320
<b>Subtotal 2C</b>		<b>960</b>	<b>\$166,720</b>
<b>Subtotal Task 2</b>		<b>1,261</b>	<b>\$224,350</b>

**Task 2 - Engineering Design & Permitting - Part B: Klockner Pump Station**

	Rate	Hours	Fee
Principal - QAQC	\$250	2	\$500
Project Engineer / Manager	\$225	24	\$5,400
Project Engineer - Tech Lead	\$225	56	\$12,600
Senior Engineering Technician - W/WW	\$180	88	\$15,840
Engineering Technician	\$150	16	\$2,400
Senior Draftsperson - W/WW	\$175	24	\$4,200
Project Coordinator	\$180	12	\$2,160
Technical Aide	\$90	12	\$1,080
<b>Subtotal Task 3</b>		<b>234</b>	<b>\$44,180</b>

**TASK 2 - Engineering Design & Permitting - Part C: Improvements to Storage Facilities**

	Rate	Hours	Fee
Principal - QAQC	\$250	2	\$500
Project Engineer / Manager	\$225	12	\$2,700
Project Engineer - Tech Lead	\$225	40	\$9,000
Senior Engineering Technician - W/WW	\$180	40	\$7,200
Engineering Technician	\$150	0	\$0
Senior Draftsperson - W/WW	\$175	20	\$3,500
Project Coordinator	\$180	16	\$2,880
Technical Aide	\$90	16	\$1,440
<b>Subtotal Task 4</b>		<b>146</b>	<b>27,220</b>

**TASK 3 - Engineering Design & Permitting**

	Rate	Hours	Fee
Principal - QAQC	\$250	12	\$3,000
Project Engineer / Manager	\$225	48	\$10,800
Project Engineer - Tech Lead	\$225	80	\$18,000
Senior Engineering Technician - W/WW	\$180	220	\$39,600
Engineering Technician	\$150	60	\$9,000
Senior Draftsperson - W/WW	\$175	160	\$28,000
Project Coordinator	\$180	16	\$2,880
Technical Aide	\$90	16	\$1,440
Project Engineer / Manager - Structural QAQC	\$225	8	\$1,800
Project Engineer - Structural	\$225	24	\$5,400
Senior Engineering Technician - Structural	\$180	40	\$7,200
Senior Draftsperson - Structural	\$175	50	\$8,750
Project Engineer / Manager - Mechanical QAQC	\$225	8	\$1,800
Project Engineer - Mechanical	\$225	16	\$3,600
Senior Engineering Technician - Mechanical	\$180	24	\$4,320
Senior Draftsperson - Mechanical	\$175	24	\$4,200
Project Engineer / Manager - Electrical QAQC	\$225	16	\$3,600
Project Engineer - Electrical	\$225	48	\$10,800
Senior Engineering Technician - Electrical	\$180	40	\$7,200
Senior Draftsperson - Electrical	\$175	40	\$7,000
Project Coordinator	\$180	16	\$2,880
Technical Aide	\$90	10	\$900
<b>Subtotal Task 3</b>		<b>976</b>	<b>\$182,170</b>

**TASK 4 - Bidding Assistance**

	<b>Rate</b>	<b>Hours</b>	<b>Fee</b>
Principal - QAQC	\$250	1	\$250
Project Engineer / Manager	\$225	12	\$2,700
Project Engineer - Tech Lead	\$225	16	\$3,600
Senior Engineering Technician - W/WW	\$180	12	\$2,160
Engineering Technician	\$150	6	\$900
Senior Draftsperson - W/WW	\$175	0	\$0
Project Coordinator	\$180	4	\$720
Technical Aide	\$90	8	\$720
<b>Subtotal Task 4</b>	<b>59</b>		<b>\$11,050</b>

**TASK 5 - Construction Phase Engineering Services**

	<b>Rate</b>	<b>Hours</b>	<b>Fee</b>
Principal - QAQC	\$250	12	\$3,000
Project Engineer / Manager	\$225	120	\$27,000
Project Engineer - Tech Lead	\$225	100	\$22,500
Project Engineer	\$190	16	\$3,040
Senior Engineering Technician - W/WW	\$180	120	\$21,600
Engineering Technician	\$150	16	\$2,400
Senior Draftsperson - W/WW	\$175	20	\$3,500
Project Coordinator	\$180	48	\$8,640
Technical Aide	\$90	20	\$1,800
Inspection Manager	\$200	80	\$16,000
Field Inspector	\$190	750	\$142,500
Contract Administrator	\$160	60	\$9,600
Commissioning	\$225	80	\$18,000
<b>Subtotal Task 5</b>	<b>1,442</b>		<b>\$279,580</b>

**TASK 6 -Commissioning, System Transition & Project Closeout**

	<b>Rate</b>	<b>Hours</b>	<b>Fee</b>
Principal - QAQC	\$250	2	\$500
Project Engineer / Manager	\$225	16	\$3,600
Project Coordinator	\$180	8	\$1,440
Technical Aide	\$90	8	\$720
Field Inspector	\$190	20	\$3,800
Contract Administrator	\$160	8	\$1,280
Project Engineer / Manager Commissioning	\$225	60	\$13,500
<b>Subtotal Task 6</b>	<b>122</b>		<b>\$24,840</b>

RFP Allowance	\$50,000
Subconsultant - Ground Penetrating Radar - Task 2C Water Main Design	\$10,000
LIDAR Scanning - Pump Station Building Interior	\$8,000
Mileage	\$15,000

**TOTAL LUMP SUM FEES** **\$882,540**



PROVIDE ENGINEERING SERVICES FOR DESIGN, BIDDING, AND CONSTRUCTION SUPERVISION OF A WATER MAIN AND ANCILLARY STRUCTURE TO CONNECT KLOCKNER BOOSTER ZONE WITH BOOSTER 3 ZONE HOPEWELL TWP. AND IMPROVEMENTS TO THE KLOCKNER PUMP STATION FOR A PERIOD OF THIRTY (30) MONTHS FOR THE CITY OF TRENTON, DEPARTMENT OF WATER AND SEWER  
TRENTON WATER WORKS  
TRENTON WATER FILTRATION PLANT

November 2025  
Cost and Work Hour Proposal

**PROVIDE A LIST OF SUB-CONTRACTORS  
COPY OF LICENSES SUBMITTED WITH BID**

**(MANDATORY IF APPLICABLE)**

NAME Environmental Technical Drilling

ADDRESS 408 Cranberry Road

CITY, STATE, ZIP Farmingdale, NJ 07727

TELEPHONE: 732-938-3222

FAX NO. N/A

TRADE Environmental Technical Drilling, Inc.

LICENSE NO. BCR Sequence Number: 102869

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

FAX NO. \_\_\_\_\_

TRADE \_\_\_\_\_

LICENSE NO. \_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

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TELEPHONE: \_\_\_\_\_

FAX NO. \_\_\_\_\_

TRADE \_\_\_\_\_

LICENSE NO. \_\_\_\_\_

Fee Table



Task	Subtask	Principal Engineer/ Scientist I	Senior Engineer/ Scientist II	Senior Engineer/ Scientist I	Project Engineer/ Scientist	Staff Engineer/ Scientist	Engineer/ Scientist	Field Staff	Technical/ Project Assist IV	Senior CADD / Designer	CADD / Designer	Hours	Average Hourly Rate per Task	Labor	Expenses	Subs*	Total Not-to- Exceed Fee	
		\$ 230	\$ 210	\$ 185	\$ 170	\$ 155	\$ 145	\$ 160	\$ 160	\$ 90	\$ 55							
2	Kickoff Meeting	Kickoff Meeting	26	22	24	13	0	0	0	0	0	89	\$ 201.01	\$ 17,890	\$ 402	---	\$ 18,292	
	Hydraulic Modeling and Preliminary Design	Hydraulic Modeling	201	374	134	368	18	48	0	4	50	150	\$ 174.65	\$ 235,260	---	---	\$ 235,260	
	Preliminary Design (incl Survey and Geotech)		67	22	52	110	0	20	0	0	25	70	366	\$ 156.69	\$ 57,350	\$ 782	---	\$ 58,132
3	Engineering Design and Permitting	Distribution System Design and Permitting	75	66	114	218	0	16	0	4	170	530	1193	\$ 114.56	\$ 136,670	\$ 603	---	\$ 137,273
		Klockner P.S. Design and Permitting	210	375	195	278	305	0	0	4	510	930	2807	\$ 126.59	\$ 355,350	\$ 603	---	\$ 355,953
		Storage Modifications Design and Permitting	32	24	38	83	0	0	0	4	80	290	551	\$ 104.05	\$ 57,330	\$ 603	---	\$ 57,933
4	Bidding Assistance	Distribution System Bidding	4	11	19	26	0	0	16	1	0	0	77	\$ 180.32	\$ 13,885	\$ 3,722	---	\$ 17,607
		Klockner P.S. Bidding	6	10	22	26	0	0	16	1	0	0	81	\$ 181.36	\$ 14,690	\$ 3,722	---	\$ 18,412
		Storage Modifications Bidding	4	10	18	26	0	0	16	1	0	0	75	\$ 179.87	\$ 13,490	\$ 3,722	---	\$ 17,212
5	Construction Phase Engineering Services	Distribution System Construction	30	98	81	67	0	0	732	4	0	0	1012	\$ 169.58	\$ 171,615	\$ 5,632	---	\$ 177,247
		Klockner P.S. Construction	43	92	89	88	0	0	613	3	0	0	928	\$ 171.55	\$ 159,195	\$ 5,632	---	\$ 164,827
		Storage Modifications Construction	18	60	64	41	0	0	316	2	0	0	501	\$ 172.51	\$ 86,430	\$ 5,632	---	\$ 92,062
6	Commissioning, System Transition, and Project Closeout	Distribution System Commissioning and Closeout	6	18	22	44	0	0	24	1	0	0	115	\$ 180.09	\$ 20,710	\$ 490	---	\$ 21,200
		Klockner P.S. Commissioning and Closeout	21	25	52	40	0	0	24	1	0	0	163	\$ 187.12	\$ 30,500	\$ 490	---	\$ 30,990
		Storage Modification Commissioning and Closeout	6	14	16	18	0	0	10	1	0	0	65	\$ 186.15	\$ 12,100	\$ 490	---	\$ 12,590
TOTAL		749	1221	940	1446	323	84	1767	35	835	1970	9370	\$ 147.54	\$ 1,382,465	\$ 32,523	\$ -	\$ 1,414,988	
Allowances		Distribution System Allowance	---	---	---	---	---	---	---	---	---	---	---	---	---	---	\$ 150,000	
		Klockner P.S. Allowance	---	---	---	---	---	---	---	---	---	---	---	---	---	---	\$ 100,000	
		Storage Modification Allowance	---	---	---	---	---	---	---	---	---	---	---	---	---	---	\$ 50,000	
TOTAL (WITH ALLOWANCES) \$ 1,714,988																		

\* Subcontractor costs will be added upon receipt of quotes once the scope of their services is defined.

The following describes the basis for compensation and terms of payment. All rates presented apply to services rendered after January 1, 2026 and will be adjusted annually thereafter. In addition to these fees, clients will also be responsible for any sales or value-added taxes that may apply to engineering services performed.

**Hourly Rates:** Charges for services provided will be in accordance with the following schedule:

Category	Hourly Rate
CADD Technician / Designer	\$55.00
Senior CADD Technician/Designer	\$90.00
Technician/Project Assistant I	\$110.00
Technician/Project Assistant II	\$125.00
Technician/Project Assistant III	\$140.00
Technician/Project Assistant IV	\$160.00
Engineer/Scientist	\$145.00
Staff Engineer/Scientist/Architect	\$155.00
Project Engineer/Scientist/Architect	\$170.00
Senior Engineer/Scientist/Architect I	\$185.00
Senior Engineer/Scientist/Architect II	\$210.00
Principal Engineer/Scientist/Architect I	\$230.00
Principal Engineer/Scientist/Architect II	\$240.00
Engineer/Scientist Director	\$245.00

Work completed by staff in positions not presented in the table above will be billed at a rate of 3.0x their direct salary.

**Other Direct Costs:** All expenses incurred for a project (except in-house services specified below) from outside vendors will be invoiced at cost plus 10% to cover administrative expenses. These items may include but are not limited to: shipping charges; printing; supplies; equipment; traveling expenses; special insurance; licenses; permits.

**In-house services consist of:**

- Transportation - the Federal Reimbursement Rate, which is currently \$0.70 per mile for vehicles (only for the first 35 miles will be billed).
- Equipment - a schedule of usage rates for specialty equipment is available for field assignments
- Web Hosting – a schedule of monthly web hosting rates is available for client access web sites

**Payment:** All invoices are due and payable within 30 days of billing date. Any attorney's fees, court costs, or other related expenses incurred in collecting delinquent accounts shall be paid by the client. Delinquent bills are subject to finance charges of 1.5% per month.

Rates will be adjusted on an annual basis in accordance with the CPI-U index +1%.

**PROVIDE A LIST OF SUB-CONTRACTORS  
COPY OF LICENSES SUBMITTED WITH BID  
(MANDATORY IF APPLICABLE)**

NAME DPK Consulting, LLC  
ADDRESS 200 Metroplex Drive, Suite 285  
CITY, STATE, ZIP Edison, NJ 08817  
TELEPHONE: 732.764.0100  
FAX NO. N/A  
TRADE Surveying  
LICENSE NO. 0730616

NAME Converse Consultants  
ADDRESS 245 E. Pine Grove Rd., PO Box #98  
CITY, STATE, ZIP Pine Grove Mills, PA 16868  
TELEPHONE: 814-234-3223  
FAX NO. 814-234-3255  
TRADE Geotechnical Investigations  
LICENSE NO. 24GA27930400  
NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
FAX NO. \_\_\_\_\_  
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