

CC2025-12 PLANNING AND DESIGN GRANT - PROGRAM AND DATA ORGANIZATIONAL SUPPORT FOR TRENTON WATER WORKS LEAD SERVICE LINE REPLACEMENT PROJECTS - VIRTUAL PROPOSAL OPENING 9/24/2025 AT 11:00AM

CC2025-12 PLANNING AND DESIGN GRANT - PROGRAM AND DATA ORGANIZATIONAL SUPPORT FOR TRENTON WATER WORKS LEAD SERVICE LINE REPLACEMENT PROJECTS - VIRTUAL PROPOSAL OPENING 9/24/2025 AT 11:00AM						
NUMBER OF RESPONDENTS:		5				
NAME OF BIDDER	SUBURBAN CONSULTING ENGINEERS, INC	GEOSCOPE ANALYTICS	ARCADIS U.S., INC	CDM SMITH INC	CHRONICLE HERITAGE	
ADDRESS	96 US HIGHWAY 206, SUITE 101	17641 W. MAYA WAY	15 EAST MIDLAND AVENUE, SUITE 3E	110 FIELDCREST AVE, 8#, 6TH FLOOR	319 PALM AVE	
CITY, STATE, ZIP	FLANDERS, NJ 07836	SURPRISE, AZ 85387	PARAMUS, NJ 07652	EDISON, NJ 08837	PHOENIX, AZ 85004	
CONTACT NAME	LEANN E FETCHO	KHALED GARADAH	CATHERINE MALLON TRAYNOR	CHRISTINE A. BALLARD	RACHEL SMITH	
TELEPHONE	973.398.1776	702.505.9200	201.797.7400	732.25.7000	256.338.4328	
FAX	973.398.2121	N/A	N/A	732.225.7851	N/A	
E-MAIL	MARKETING@SUBURBANCONSULTING.COM	KGARADA@GEOSCOPEANALYTICS.COM	CATHERINE.MALLON@ARCADIS.COM	BALLARDCA@CDMSMITH.COM	RSMITH@CHRONICLEHERITAGE.COM	
NOTICE OF INTENT TO SUBCONTRACT(MANDATORY)	YES	YES	YES	YES	NO	
SUBCONTRACTORS NAME AND LICENSING (REQUIRED TO BE AWARDED)	INCLUDED	YES, EIC NOT SUBMITTED	RODRIGUEZ INCLUDED / ARYA NOT INCLUDED	INCLUDED	N/A	
DISCLOSURE OF OWNERSHIP STATEMENT(MANDATORY)	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
ACKNOWLEDGMENT OF RECEIPT OF ADDENDA #1 09/10/2025	INCLUDED	INCLUDED	INCLUDED	INCLUDED	NOT INCLUDED	
NON-COLLUSION AFFIDAVIT (MANDATORY)	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
AMERICAN WITH DISABILITIES ACT OF 1990 LANGUAGE (MANDATORY)	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
CERTIFICATION OF NON-DEBARMENT FOR FEDERAL GOVERNMENT CONTRACTS	INCLUDED	NOT INCLUDED	INCLUDED	INCLUDED	INCLUDED	
POLITICAL CONTRIBUTION DISCLOSURE FORM (REQUIRED)	INCLUDED	NOT INCLUDED	INCLUDED	INCLUDED	INCLUDED	
EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE (EXHIBIT A)	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
REQUIRED EVIDENCE AFFIRMATIVE ACTION REGULATIONS	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
DISCLOSURE OF INVESTMENT ACTIVITIES IN RUSSIA OR BELARUS	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
CITY OF TRENTON RESIDENT EMPLOYMENT POLICY	INCLUDED	NOT INCLUDED	INCLUDED	INCLUDED	INCLUDED	
ETHICS COMPLAINT DISCLOSURE	INCLUDED	NOT INCLUDED	INCLUDED	INCLUDED	INCLUDED	
NJ BUSINESS REGISTRATION CERTIFICATE (PRIOR TO AWARD)	INCLUDED	REQUIRED PRIOR TO BE AWARDED	INCLUDED	INCLUDED	REQUIRED PRIOR TO BE AWARDED	
EIC (EMPLOYEE INFORMATION CERTIFICATE)	CERT#13480 EXP 15/02/2027	REQUIRED FROM AWARDED BIDDER WITH SIGNED CONTRACTS	CERT#188 EXP 15/08/2027	CERT#1509 EXP 15/06/2025	REQUIRED FROM AWARDED BIDDER WITH SIGNED CONTRACTS	
DATA ORGANIZATIONAL LICENSES AND CERTIFICATIONS	REQUIRED PRIOR TO BE AWARDED	REQUIRED PRIOR TO BE AWARDED	REQUIRED PRIOR TO BE AWARDED	REQUIRED PRIOR TO BE AWARDED	REQUIRED PRIOR TO BE AWARDED	
COMPLETE PROPOSAL PAGE	INCLUDED	NOT INCLUDED	INCLUDED	INCLUDED	INCLUDED	
TOTAL PRICE FOR PROJECT	\$1,068,795.00	\$1,465,614.73	\$1,629,541.00	\$1,980,307.00	GRAND TOTAL AMOUNT NOT INCLUDED, SEE ATTACHED PRICES	
60-DAY EXTENSION COMPLIANCE	YES	NONE	YES	YES	NONE	
COMPLIANCE WITH EMERGENCY SERVICES	NONE	NONE	YES	YES	NONE	
EXCEPTIONS	NONE	NONE	NONE	NONE	NONE	
THREE (3) REFERENCES	INCLUDED	INCLUDED	INCLUDED	INCLUDED	NONE	
FATAL FLAW	NONE	REJECTED INCOMPLETE PROPOSAL	NONE	NONE	REJECTED NO ADDENDUM SUBMITTED WITH PROPOSAL	

PROJECT

Fee Proposal

REQUEST FOR COMPETITIVE CONTRACTING PROPOSALS (CC2025-12)
PLANNING AND DESIGN GRANT – PROGRAM AND DATA ORGANIZATIONAL
SUPPORT FOR TWW LEAD SERVICE LINE REPLACEMENT PROJECTS

PROPOSED FEES:

1. GIS & Website Tasks	\$ 407,740
1.1 ArcGIS Enterprise Geodatabase Development	\$ 67,450
1.3 Online Survey Enhancement & Quality Control	\$ 15,045
1.4 Website Maintenance & GIS Infrastructure Support	\$ 34,535
1.5 Large-Scale Service Line Inventory & Spatial Analysis	\$ 140,130
1.6 SOP for ArcGIS Database Maintenance	\$ 13,855
1.7 Project Management	\$ 95,440
1.8 TWW Staff Training	\$ 41,285
2. Service Line Material Inventory Tasks	\$ 346,730
2.0 Service Line Material Inventory Tasks	\$ 69,590
2.1 In Field Verification of Service Line Materials	\$ 254,030
2.2 Customer Communications	\$ 23,110
3. Website Redesign	\$ 152,340
3.1 Website Redesign & Service Line Inventory Integration	\$ 152,340
4. Contingency/Allowance Tasks	\$ 100,000
5. Project Closeout Tasks	\$ 61,985
5.1 Test New Procedures Developed for Annual NJDEP LSL Inventory Reporting and Compliance	\$ 23,595
5.2 Assist TWW Staff in Implementing New Processes for that are Developed for Construction Phases	\$ 22,590
5.3 Transfer of all SOPs, Editable Files, Data, Manuals, to TWW	\$ 15,800
TOTAL ESTIMATED FEE	\$1,068,795



PROJECT FEE PROPOSAL

REQUEST FOR COMPETITIVE CONTRACTING PROPOSALS (CC2025-12) PLANNING AND DESIGN GRANT – PROGRAM AND DATA ORGANIZATIONAL SUPPORT FOR TWW LEAD SERVICE LINE REPLACEMENT PROJECTS

PROPOSED HOURLY RATES:

Principal/Project Officer	\$215/hour	<u>Equipment Unit Cost:</u>
Senior Project Manager	\$210/hour	⇒ Unmanned Aerial Systems/Remotely Operated Vehicle \$150/hour
Project Manager	\$205/hour	
Senior Project Licensed Professional	\$200/hour	⇒ Robotic/LiDAR \$50/hour
Project Licensed Professional	\$190/hour	⇒ GPS \$25/hour
Licensed Professional	\$180/hour	
Senior Project Coordinator	\$200/hour	⇒ Environmental Injection Pump
Project Coordinator	\$195/hour	⇒ Equipment \$150/day
Senior Designer/Senior Survey Analyst	\$170/hour	
Designer/Survey Analyst	\$155/hour	
Senior Environmental Scientist	\$170/hour	Reimbursable expenses may include but are not limited to printing / reproduction, mileage, parking and tolls, overnight postage, messenger fees, certified mailings, certified property owners list, uniformed traffic protection, permit applications, and associated filing or recording fees.
Environmental Scientist	\$155/hour	
Senior Project GIS Analyst	\$180/hour	
Project GIS Analyst	\$170/hour	
GIS Analyst	\$165/hour	
Senior GIS Technician	\$155/hour	
GIS Technician	\$145/hour	Any third-party incurred reimbursable expenses and/or subconsultant fees will be invoiced at SCE's cost plus 15% .
Senior GIS Project Coordinator	\$170/hour	
GIS Project Coordinator	\$165/hour	
Senior Observer	\$155/hour	
Observer	\$145/hour	Mileage will be billed in accordance with federal prevailing wage.
Senior Technician	\$150/hour	
Technician	\$140/hour	
Project Administrator	\$155/hour	
Administrative Support	\$95/hour	

SCE will utilize the above rates for this project in accordance with our attached project schedule. If there are any significant project delays or changes in the project schedule that extends the project beyond the anticipated time-frame, SCE's rates may increase.

Cost Breakdown

PHASE DESCRIPTION	STAFFING TITLES												TOTAL HRS.	SUBS	EXP	TOTALS
	PTC/PD	SG. PM	PM	GIS Director/ Administrator	GIS Analyst	GIS Tech	GIS Proj. Coordinator	Sr. Observer	Asst. Technician	Technician	Admin.					
Phase 1 - GIS and Website Tasks																
1.1 ArcGIS Enterprise Geodatabase Development				48	92	154	92						386			\$ 67,450
1.3 Online Survey Enhancement & Quality Control				7	13	47	22						89			\$ 15,045
1.4 Website Maintenance & GIS Infrastructure Support				38	80	43							161		\$ 3,250	\$ 34,535
1.5 Large-Scale Service Line Inventory & Spatial Analysis				94	232	272	196						794			\$ 140,130
1.6 SOP for ArcGIS Database Maintenance				9	28	38							75			\$ 13,855
1.7 Project Management	24	72	240	40	80								48	504		\$ 95,440
1.8 TWW Staff Training		5	41	114	42	18							12	24	256	\$ 41,285
Sub-Total	24	77	477	485	748	352	18	0	0	12	72	2,265	\$ -	\$ 3,250	\$ 407,740	
Phase 2 - Service Line Material Inventory Tasks																
2.0 Service Line Material Inventory Tasks				6	30	16	190	190					432			\$ 69,590
2.1 In Field Verification of Service Line Materials				12	42		112	108					48	420	1730	\$ 9,000 \$ 254,030
2.2 Customer Communications				36	10	72							12		130	\$ 23,110
Sub-Total	0	18	108	26	374	298	0	988	12	48	420	2,292	\$ -	\$ 9,000	\$ 346,730	
Phase 3 - Website Redesign																
3.1 Website Redesign & Service Line Inventory Integration				36	16	56	112						36	28	284	\$ 108,500 \$ -
Sub-Total	0	0	36	16	56	112	0	0	0	36	28	284	\$ 108,500	\$ -	\$ 152,340	
Phase 4 - Contingency/Allowance Tasks																
Contingency/Allowance Tasks				0	0	0	0	0	0	0	0	0	0	0		\$ 100,000
Sub-Total	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	\$ -	\$ 100,000	
Phase 5 - Project Closeout Tasks																
5.1 Test New Procedures Developed for Annual NJDEP LSL Inventory Reporting and Compliance				4	17	28	82						131			\$ 23,595
5.2 Assist TWW Staff in Implementing New Processes for that are Developed for Construction Phases				26	36	58							122			\$ 22,590
5.3 Transfer of all SOPs, Editable Files, Data, Manuals, to TWW				8	12	64							12	96		\$ 15,800
Sub-Total	0	4	51	76	204	0	0	2	0	0	12	349	\$ -	\$ -	\$ 61,985	
Total Hours	24	99	672	603	1,382	762	18	990	12	96	532	5,190	\$ 108,500	\$ 12,250	\$ 1,068,795	
Fee Structure	\$ 215	\$ 210	\$ 205	\$ 205	\$ 165	\$ 145	\$ 165	\$ 155	\$ 150	\$ 140	\$ 95				CHECK	\$ 1,068,795
Total	\$ 5,160	\$ 20,790	\$ 137,760	\$ 123,615	\$ 228,030	\$ 110,490	\$ 2,970	\$ 153,450	\$ 1,800	\$ 13,440	\$ 50,540					

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

NAME DataBank IMX LLC
ADDRESS 458 Pike Road
CITY, STATE, ZIP Huntingdon Valley, Pennsylvania 19006
TELEPHONE: (704) 728-1147
FAX NO. N/A
TRADE Document Conversion and Digital Transformation Services
LICENSE NO. N/A

NAME Bergen Design Co.
ADDRESS 53 Pomona Avenue
CITY, STATE, ZIP Fair Lawn, New Jersey 07410
TELEPHONE: N/A Email: bergendesignco@gmail.com
FAX NO. N/A
TRADE Website Design and Development
LICENSE NO. N/A

NAME _____
ADDRESS _____
CITY, STATE, ZIP _____
TELEPHONE: _____
FAX NO. _____
TRADE _____
LICENSE NO. _____

NAME _____
ADDRESS _____
CITY, STATE, ZIP _____
TELEPHONE: _____
FAX NO. _____
TRADE _____
LICENSE NO. _____

NAME _____
ADDRESS _____
CITY, STATE, ZIP _____
TELEPHONE: _____
FAX NO. _____
TRADE _____
LICENSE NO. _____

CITY OF TRENTON

ACKNOWLEDGMENT OF RECEIPT OF ADDENDUM NO. 1 AND POSTPONEMENT NOTICE
(MANDATORY)

The undersigned Respondent hereby acknowledges receipt of the following Addenda:

Addendum Number #1

Dated

Addendum #1

9/10/25(ICG)

Acknowledged for: Suburban Consulting Engineers, Inc.

(Name of Respondent)

By: 

(Signature of Authorized Representative)

Name: Leann E. Fetcho

Title: Assistant Corporate Secretary

Category	Amount
Total Personnel Cost	\$1,161,496.00
Cost Per Month for 25 months	\$46,459.84
Equipment & Software	\$8,000.00
Papers and Prints	\$500.00
Travel Expenses	\$10,000.00
Total Estimate for all phases	\$1,226,455.84

Contingency (10%) \$122,645.58

Taxes and fees \$116,513.30

Grand Total \$1,465,614.73

Resource	Position	Total Months of Project	Allocation %	Total Hours per Month	Hourly Rate	Cost per Month	Total Cost
PM	Seif Mahmoud	25.2	20	32	\$40.00	\$1,280.00	\$32,256.00
Project Lead	Khaled Garadah	25.2	70	112	\$85.00	\$9,520.00	\$239,904.00
Data TL	Hassanien Zaki Kotb	5	100	160	\$25.00	\$4,000.00	\$20,000.00
GIS Data Specialist (implementation)	Mostafa Kamel Soliman ElAzab	5	100	160	\$25.00	\$4,000.00	\$20,000.00
GIS Data Specialist (implementation)	Eman Ahmed El-Sayed Hassan El-Sagan	5	100	160	\$25.00	\$4,000.00	\$20,000.00
Data Entry	Amira Azab Abdel Fattah Azab	5	100	160	\$25.00	\$4,000.00	\$20,000.00
Data Entry	Hebat Allah Osama Gamal El-Din Abdel-Kreem	5	100	160	\$25.00	\$4,000.00	\$20,000.00
Data Entry	Karim Mohsen Mousa Sead Salim	5	100	160	\$25.00	\$4,000.00	\$20,000.00
Data Entry	Eman Abd El Hamid Abd El Fatah Mohamed	5	100	160	\$25.00	\$4,000.00	\$20,000.00
Data Entry	Gehad Ahmed Ahmed Mohamed El-Nagar	5	100	160	\$25.00	\$4,000.00	\$20,000.00
Data QC	Amr Adel Abdel Aziz El Sayed	5	100	160	\$25.00	\$4,000.00	\$20,000.00
GIS Solution Expert/TL	Hatem Helmy	14.5	100	160	\$25.00	\$4,000.00	\$20,000.00
Database Administrator	Hebatullah Saad Hamed	5	100	160	\$30.00	\$4,800.00	\$69,600.00
Database Administrator	Pavly Magdy	5	100	160	\$30.00	\$4,800.00	\$24,000.00
Database Administrator Lead	Mona Yahia	5	100	160	\$30.00	\$4,800.00	\$24,000.00
Solution Engineer	Samy Abdullah	14.5	100	160	\$30.00	\$4,800.00	\$24,000.00
Solution Engineer	Mahmoud magsood	14.5	100	160	\$30.00	\$4,800.00	\$69,600.00
Solution Engineer	Ahmed el Sayed	14.5	100	160	\$30.00	\$4,800.00	\$69,600.00
Business Analyst	TBD	6.1	100	160	\$30.00	\$4,800.00	\$69,600.00
Technical Writer	TBD	4.09	100	160	\$30.00	\$4,800.00	\$29,280.00
UX Designer	TBD	1.5	100	160	\$25.00	\$4,000.00	\$16,360.00
UI Developer	TBD	2.54	50	80	\$32.00	\$5,120.00	\$7,680.00
Software Developer Lead	Ahmed Gheryani	12	100	160	\$30.00	\$2,400.00	\$6,096.00
Senior Software Developer	Hussein Ezaat	12	100	160	\$30.00	\$4,800.00	\$57,600.00
Software Developer	Menna Saad	12	100	160	\$30.00	\$4,800.00	\$57,600.00
Software Developer	Ahmed Hassaan	13.8	100	160	\$30.00	\$4,800.00	\$57,600.00
Data Expert	Mostafa Mohamed	12.6	50	80	\$30.00	\$2,400.00	\$66,240.00
Data Analyst	Mohamed Diab	12.6	50	80	\$30.00	\$2,400.00	\$30,240.00
						Total	\$1,161,496.00

CITY OF TRENTON

ACKNOWLEDGMENT OF RECEIPT OF ADDENDUM NO. 1 AND POSTPONEMENT NOTICE

(MANDATORY)

The undersigned Respondent hereby acknowledges receipt of the following Addenda:

Addendum Number #1

Dated

9/10/25(ICG)

Acknowledged for: Geoscope Analytics

(Name of Respondent)

By: KG

(Signature of Authorized Representative)

Name: Khaled Garsedah

Title: Owner

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

NAME Asian Techne

ADDRESS _____

CITY, STATE, ZIP _____

TELEPHONE: _____

FAX NO. _____

TRADE _____

LICENSE NO. _____

*Please the
attached info.*

NAME _____

ADDRESS _____

CITY, STATE, ZIP _____

TELEPHONE: _____

FAX NO. _____

TRADE _____

LICENSE NO. _____

NAME _____

ADDRESS _____

CITY, STATE, ZIP _____

TELEPHONE: _____

FAX NO. _____

TRADE _____

LICENSE NO. _____

NAME _____

ADDRESS _____

CITY, STATE, ZIP _____

TELEPHONE: _____

FAX NO. _____

TRADE _____

LICENSE NO. _____

NAME _____

ADDRESS _____

CITY, STATE, ZIP _____

TELEPHONE: _____

FAX NO. _____

TRADE _____

LICENSE NO. _____

Fee Proposal Table

	Contract Officer	Project Manager	Technical Lead	GIS Task Lead	GIS Staff	Field/Tap Card Coordinator	Website Designer	Project Engineer	Database Developer	GIS Dashboards/ QAQC	Public Outreach Specialist	Basement Inspection Staff	Call Center Staff	Modeling Lead	Data Analyst	Assistant PM	Total Hours	Subconsultants	Indirect Costs	Total Cost	
Proposed Hourly Rate	\$ 245.00	\$ 240.00	\$ 230.00	\$ 210.00	\$ 155.00	\$ 155.00	\$ 245.00	\$ 145.00	\$ 170.00	\$ 145.00	\$ 185.00	\$ 110.00	\$ 170.00	\$ 210.00	\$ 170.00	\$ 230.00					
GIS Data Management																				\$392,311.00	
1.1 Database Development																				734.5	\$125,035.00
1.2 Online Survey Enhancement																				155	\$26,690.00
1.3 Infrastructure Support																				2	\$19,600.00
1.4 Integration & Modeling / Advanced Geospatial Analysis																				406	\$75,090.00
1.5 Maintenance SOP																				35	\$5,370.00
1.6 Project Management	22	155	120															96	371	\$8,726.00	\$100,996.00
1.7 Staff training		8	8	98	98														212		\$39,530.00
Service Line Inventory																					\$745,550.00
2.1 SLI Tasks																				210	\$32,240.00
2.2 Field Verification																				2072	\$357,500.00
2.3 Customer Communications																				195	\$35,000.00
Website Redesign & Tap Card Digitization																					\$372,130.00
3.1 Website Redesign																				162	\$34,880.00
3.2 Tap Card Digitization																				124	\$286,000.00
3.3 Tap Card GIS Portal																				112	\$18,830.00
3.4 SOPs and Staff Training																				63	\$11,880.00
Project Closeout																					\$19,550.00
5.1 Annual NJDEP LSL Inventory Reporting																				28	\$4,980.00
5.2 Implementation for LSLR Phase 5																				40	\$7,480.00
5.3 Transfer Documents																				12	\$7,090.00
Proposal Hours	22	277.5	250	287	578	340	80	106	272	659	184	1500	105	123	192	118	5071.5				
Contingency																				\$643,500.00	\$74,726.00
Project Total Costs																					\$1,629,541.00

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

NAME Rodriguez Consulting, LLC
ADDRESS 100 W Oxford Street
CITY, STATE, ZIP Philadelphia, PA 19122
TELEPHONE: 215.987.1931
FAX NO. N/A
TRADE Civil Engineering and Geospatial Services
LICENSE NO. Sequence # 1422249 - Business ID # 0400191064

NAME Arya Farahi (University of Texas)
ADDRESS 110 Inner Campus Drive
CITY, STATE, ZIP Austin, TX 78712
TELEPHONE: 512.232.0693
FAX NO. N/A
TRADE Predictive Modeling
LICENSE NO. N/A

NAME _____
ADDRESS _____
CITY, STATE, ZIP _____
TELEPHONE: _____
FAX NO. _____
TRADE _____
LICENSE NO. _____

NAME _____
ADDRESS _____
CITY, STATE, ZIP _____
TELEPHONE: _____
FAX NO. _____
TRADE _____
LICENSE NO. _____

NAME _____
ADDRESS _____
CITY, STATE, ZIP _____
TELEPHONE: _____
FAX NO. _____
TRADE _____
LICENSE NO. _____

CITY OF TRENTON

**ACKNOWLEDGMENT OF RECEIPT OF ADDENDUM NO. 1 AND POSTPONEMENT NOTICE
(MANDATORY)**

The undersigned Respondent hereby acknowledges receipt of the following Addenda:

Addendum Number #1

cm

Dated

9/10/25(ICG)

Acknowledged for: Arcadis U.S., Inc.

(Name of Respondent)

By: *Catherine Mallon Traynor*

(Signature of Authorized Representative)

Name: Catherine Mallon Traynor

Title: Senior Vice President

SECTION 7

Project Fees

Professional engineering services to perform the scope outlined for the Program and Data Organizational Support for Trenton Water Works Lead Service Line Replacement Projects (LSLRPS) will be invoiced on an hourly basis at the billing rates shown in the summary table for each respective category. Other direct costs, such as printed materials, copying, subscriptions, mileage, and hotels, will be billed at actual cost (0 percent markup). CDM Smith will utilize a subconsultant to support website design and GIS tasks. This subconsultant will be billed with a 10 percent markup for technical support services.

CDM Smith will provide each field staff with a tablet and cellular service for one year. We have included subscription costs for one Calendly seat for one year. Mileage for necessary travel will be billed at the U.S. General Services Administration mileage reimbursement rate (presently \$0.70 per mile). In the performance of services, CDM Smith may use personnel and resources from CDM Smith affiliated companies. Notwithstanding any provision to the contrary contained in the Agreement, the personnel from CDM Smith Global Services India LLP will be billed at the hourly rate table provided.

CDM Smith proposes to perform the scope of services for the amounts identified below. Modifications to the scope and fee will require authorization by the City of Trenton.

		Total Fee Per Task
Task 1	GIS and Website	
Task 1.1	ArcGIS Enterprise Geodatabase Development	\$117,896.00
Task 1.3	Online Survey Enhancement & Quality Control (includes reviewing customer surveys)	\$29,312.00
Task 1.4	Website Maintenance & GIS Infrastructure Support (Hopeworks)	\$7,318.00
Task 1.5	Large-Scale Service Line Inventory & Spatial Analysis	\$42,100.00
Task 1.6	SOP for ArcGIS Database Maintenance	\$8,166.00
Task 1.7	Project Management	\$127,996.32
Task 1.8	TWW Staff Training	\$47,066.00
Task 2	Service Line Material Inventory	
Task 2.1	In Field Verification of Service Line Materials	\$982,852.00
Task 2.2	Customer Communications	\$64,456.00
Task 3	Website Redesign	
Task 3.1	Website & Service Line Inventory Integration	\$440,473.00
Task 4	Contingency/Allowance	
Task 4.1	Allowance	\$100,000.00
Task 5	Closeout	
Task 5.1	Test new procedures developed for Annual NJDEP LSL reporting	\$3,048.00
Task 5.2	Assist TWW staff in implementing new processes	\$3,048.00
Tak 5.3	Transfer of all files and data	\$6,576.00
		\$1,980,307

The detailed cost breakdown for each task may be found in the Fee Schedule spreadsheet that follows.
An hourly rate has been established for each of the various job classifications.

Billing Rates for CDM Smith Affiliated Companies

Designer/Drafter - DNDF 1 to 4	Engineer/Architect/Planner - EN/AR/PL 4, 5
BIM Modeler - DNIM 1 to 4	Designer/Drafter - DNDF 7 and above
GIS Specialist - GS 1 to 4	BIM modeler - DNIM 7 and above
Estimator - ESES 1 to 4	GIS Specialist - GS 7 and above
Finance Accountant or Admin - FN/AS all levels	Estimator - ESES 7
Intern and Apprentice	Project Controls Specialist - PMPC 7
Engineer/Architect/Planner - EN/AR/PL 1 to 3	Engineer/Architect/Planner - EN/AR/PL 6 and above
Designer/Drafter - DNDF 5,6	Estimator - ESES 8 and above
BIM Modeler - DNIM 5,6	Project Controls Specialist - PMPC 8 and above
GIS Specialist - GS 5,6	
Estimator - ESES 5,6	
Project Controls Specialist - PMPC 5,6	

Assumptions

1. Each canvasser can visit at least 35 homes per day (door-to-door or scheduled) and 25 percent are successful attempts resulting in an inspection.
2. An average of two visits per home for a maximum of 34,000 visits.
3. 10,996 full-time inspection days are included in the proposal (average of five canvassers for 190 days each)
4. Three printed communication materials included for Task 2.2. One round of review comments and revisions per item.
5. Print 35,000 doorhangers, 12,000 results flyers, and 20,000 postcards
6. Test pit contract is assumed to not be I-Bank funded and does not require NJDEP submittal or reviews.
7. Scanning, digitizing, indexing, and geocoding information to existing parcels is budgeted for up to 63,000 tap cards.

**City of Trenton/Trenton Water Works
Planning and Design Grant - Program and Data Organizational Support for Trenton Water Works LSLRPS**

		Project Director	PM	PTL	Technical Advisor	Project Engineer	GIS Lead	GIS Staff	GIS Dashboards	Field Coordinator	Construction Manager	Canvassing Coordinator	Admin/ Call Support	Admin/ Call Support	Comms Material Lead	Comms Material	Comms Graphics	Admin	PCS	Canvassers	Hopeworks (Labor)	Hopeworks	Allowance	ODCs					
		Proposed Hourly Rate	\$334.00	\$196.00	\$312.00	\$248.00	\$122.00	\$143.00	\$101.00	\$82.00	\$121.00	\$140.00	\$75.00	\$123.00	\$123.00	\$127.00	\$127.00	\$143.00	\$146.16	\$83.00	\$75.00	\$115.00			Total Hours per Task	Total Fee per Task			
Task 1	GIS and Website																												
Task 1.1	ArcGIS Enterprise Geodatabase Development			26	52		208	200	300	150															936	\$117,896.00			
Task 1.3	Online Survey Enhancement & Quality Control (includes reviewing customer surveys)	4	8	8		32	16	32	100							24	12	12							248	\$29,312.00			
Task 1.4	Website Maintenance & GIS Infrastructure Support (Hopeworks)		8																						58	\$7,318.00			
Task 1.5	Large-Scale Service Line Inventory & Spatial Analysis		4	8				90	200																352	\$42,100.00			
Task 1.6	SOP for ArcGIS Database Maintenance		2	2				50																	54	\$8,166.00			
Task 1.7	Project Management	26	230	128	30	60		70	40	8	24							52	52	24					\$1,500	626	\$127,996.32		
Task 1.8	TWW Staff Training		20	20																						\$1,500	338	\$47,066.00	
Task 2	Service Line Material Inventory																												
Task 2.1	In Field Verification of Service Line Materials	4	100	40		100	20		100	600	380	1600	208	104								7760			\$60,000	11016	\$982,852.00		
Task 2.2	Customer Communications		16	6			8									156	40	60								\$25,000	286	\$64,456.00	
Task 3	Website Redesign																												
Task 3.1	Website & Service Line Inventory Integration	8	48	48		40	28	40								40	12	16								630	\$440,473.00		
Task 4	Contingency/Allowance																												
Task 4.1	Allowance																										\$100,000.00		\$100,000.00
Task 5	Closeout																												
Task 5.1	Test new procedures developed for Annual NJDEP LSL reporting		6	6																						12	\$3,048.00		
Task 5.2	Assist TWW staff in implementing new processes		6	6																						12	\$3,048.00		
Task 5.3	Transfer of all files and data		6					20								20									46	\$6,576.00			
Proposed Hours		42	480	324	30	448	494	612	358	600	404	1600	208	104	240	64	88	52	52	7760	654								
Project Cost		\$14,028.00	\$94,080.00	\$101,088.00	\$7,440.00	\$54,656.00	\$70,642.00	\$61,812.00	\$29,356.00	\$72,600.00	\$56,560.00	\$120,000.00	\$25,584.00	\$12,792.00	\$30,480.00	\$8,128.00	\$12,584.00	\$7,600.32	\$4,316.00	\$582,000.00	\$75,210.00	\$351,351.00	\$100,000.00	\$88,000					
																									Total Hours	14614			
																									Total Labor (CDM)	\$1,365,746.32			
																									Hopeworks	\$426,561			
																									Allowance	\$100,000.00			
																									ODCs	\$88,000			
																										\$1,980,307			

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

NAME Hopeworks
ADDRESS 808 Market St.
CITY, STATE, ZIP Camden, NJ 08102
TELEPHONE: 856 - 365 - 4673
FAX NO. _____
TRADE Tap Card Scanning, Review and Website Design, and Maintenance
LICENSE NO. 0836118

NAME _____
ADDRESS _____
CITY, STATE, ZIP _____
TELEPHONE: _____
FAX NO. _____
TRADE _____
LICENSE NO. _____

NAME _____
ADDRESS _____
CITY, STATE, ZIP _____
TELEPHONE: _____
FAX NO. _____
TRADE _____
LICENSE NO. _____

NAME _____
ADDRESS _____
CITY, STATE, ZIP _____
TELEPHONE: _____
FAX NO. _____
TRADE _____
LICENSE NO. _____

NAME _____
ADDRESS _____
CITY, STATE, ZIP _____
TELEPHONE: _____
FAX NO. _____
TRADE _____
LICENSE NO. _____

CITY OF TRENTON

ACKNOWLEDGMENT OF RECEIPT OF ADDENDUM NO. 1 AND POSTPONEMENT NOTICE
(MANDATORY)

The undersigned Respondent hereby acknowledges receipt of the following Addenda:

Addendum Number #1

Dated



9/10/25(ICG)

Acknowledged for: CDM Smith Inc.

(Name of Respondent)

By:



(Signature of Authorized Representative)

Name: Christine A. Ballard, PE

Title: Vice President

Cost

The overall budget for this project reflects a balanced approach between technical GIS development and intensive field verification activities. The costs are distributed across four major tasks and the additional components of Project Management and Customer Communication. The total estimated cost for all tasks, including labor and direct expenses, is **USD 295,940.18** on a time-and-materials basis. This structure provides flexibility to adjust for unforeseen conditions while ensuring that TWW only pays for the work provided. Direct costs are concentrated in the field verification task, with limited allocations for project management travel, associated with required in-person meetings. To remain competitive, we have applied a **25% discount** across labor categories and direct expenses.

Task	Labor Subtotal	Direct Expenses	Task Total
Customer Communications	\$4,050.00	-	\$4,050.00
Project Management	\$28,200.00	\$4752.50	\$32,952.50
Task 1 – GIS Setup	\$41,550.00	-	\$41,550.00
Task 2 – Field Verification	\$130,777.50	\$32,010.18	\$162,787.68
Task 3 – Website Redesign	\$32,400.00	-	\$32,400.00
Task 4 – Closeout & Training	\$22,200.00	-	\$22,200.00
Total			\$295,940.18

The Service Line Inventory (GIS Setup) is primarily an office-based task, with costs concentrated in GIS specialists, database management, and project oversight. These hours cover configuring the enterprise system, integrating legacy datasets, and structuring outputs for NJDEP compliance.

The Field Verification of 500 Homes represents the most resource-intensive portion of the budget. This work requires a dedicated field team of technicians and supervisory staff supported by GIS specialists, deployed over several weeks to physically inspect, record, and validate service line materials. Direct expenses for this task include airfare, per diem, lodging, and vehicle rentals, reflecting the scale of in-person inspections.

Project Management is budgeted to provide consistent oversight, schedule tracking, and reporting to TWW, as well as coordination with contractors and regulatory partners. The budget here balances remote engagement with limited in-person travel for key milestones.

For Customer Communications, the budget allocates staff time to develop public-facing updates, fact sheets, and dashboards. This ensures TWW residents and stakeholders receive clear and accessible progress updates throughout the program.

The Website Redesign is a highly technical effort, with costs covering GIS and database staff who will digitize service records, redesign the public portal for Section 508 compliance, and integrate secure dashboards and data submission tools.

Finally, Project Closeout includes the labor needed to complete final data audits, test NJDEP reporting processes, and prepare recommendations for Year 2. This ensures continuity and compliance beyond the initial program year. The Staff Training task is modest relative to other tasks,

covering approximately 60 hours of instruction provided by senior GIS staff. Training is delivered primarily online, with a small allowance for on-site support, keeping direct expenses low.

The following section outlines the detailed totals for each task, including labor hours, classifications, rates, and direct expenses, aligned with the RFP's required format:

Task 1—Service Line Inventory (GIS Setup)

Labor Category	Hours	Rate	Total
Project Manager	60	\$150.00	\$9,000.00
Senior GIS Specialist (x2)	220	\$127.50	\$28,050.00
Database Specialist	40	\$112.50	\$4,500.00

Task 2—Field Verification (500 Homes)

Labor Category	Hours	Rate	Total
Project Manager	20	\$150.00	\$3,000.00
GIS Specialist	60	\$90.00	\$5,400.00
Lead Technician	333	\$127.50	\$42,457.50
Field Technicians (x2)	666	\$120.00	\$79,920.00

Direct Expenses – Task 2

Category	Description	Total
Travel	Flights (3 staff), lodging (42 days/3 staff)	\$17,820.18
Per Diem	(43 days/3 staff)	\$8,385.00
Rental Vehicle	(1 vehicle/43 days)	\$5,805.00

Task 3—Website Redesign

Labor Category	Hours	Rate	Total
Project Manager	30	\$150.00	\$4,500.00
Senior GIS Specialist	60	\$127.50	\$7,650.00
Database Specialist	180	\$112.50	\$20,250.00

Task 4—Project Closeout and Training

Labor Category	Hours	Rate	Total
Project Manager	20	\$150.00	\$3,000.00
Senior GIS Specialist	80	\$127.50	\$10,200.00
Database Specialist	40	\$112.50	\$4,500.00

GIS Technician	40	\$90.00	\$3,600.00
Administrative Support	10	\$90.00	\$900.00

Project Management

Labor Category	Hours	Rate	Total
Project Manager	100	\$150.00	\$15,000.00
Senior GIS Specialist(x2)	40	\$127.50	\$5,100.00
Database Specialist	40	\$112.50	\$4,500.00
Administrative Support	40	\$90.00	\$3,600.00

Direct Expenses - Project Management

Category	Description	Total
Travel	Flights (2 staff), lodging (days/2 staff)	\$2,925.00
Per Diem	(7 days/2 staff)	\$1,040.00
Rental Vehicle	(1 vehicle/7 days)	\$787.50

Customer Communications

Labor Category	Hours	Rate	Total
Project Manager	10	\$150.00	\$1,500.00
Senior GIS Specialist	20	\$127.50	\$2,550.00

We are enthusiastic about the opportunity to support Trenton Water Works in advancing this critical program. Our team looks forward to the opportunity to bring expertise, practical tools, and a collaborative approach to ensure success from day one. Beyond meeting compliance and transparency goals, we are committed to building capacity within TWW for long-term independence and resilience. Chronicle Heritage is excited for the opportunity to partner on this work and to

Assumptions

1. All tasks will be initiated only after a written scope, success criteria, and not-to-exceed hours are approved by the City of Trenton Water Works prior to commencement.
2. Any work that falls outside the agreed scope, including but not limited to new maps, datasets, integrations, expanded audiences, or additional revision cycles, will require a formal change order with updated hours and schedule.
3. One consolidated City review cycle is included for each deliverable; additional reviews will be billable on a time and materials basis.
4. Deliverables will follow a draft to review to final process, with the City provided not less than five business days for consolidated review.
5. Deliverables shall be deemed accepted upon written City sign-off or upon the lapse of ten business days without material objection following delivery.

CITY OF TRENTON
ACKNOWLEDGMENT OF RECEIPT OF ADDENDA
(MANDATORY)

The undersigned Respondent hereby acknowledges receipt of the following Addenda:

Addendum Number

Dated

Acknowledged for: Chronicle Heritage
(Name of Respondent)

By:



(Signature of Authorized Representative)

Name: Rachel Smith

Title: Technology Service Line Lead

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

NAME N/A

ADDRESS _____

CITY, STATE, ZIP _____

TELEPHONE: _____

FAX NO. _____

TRADE _____

LICENSE NO. _____

NAME N/A

ADDRESS _____

CITY, STATE, ZIP _____

TELEPHONE: _____

FAX NO. _____

TRADE _____

LICENSE NO. _____

NAME N/A

ADDRESS _____

CITY, STATE, ZIP _____

TELEPHONE: _____

FAX NO. _____

TRADE _____

LICENSE NO. _____

NAME N/A

ADDRESS _____

CITY, STATE, ZIP _____

TELEPHONE: _____

FAX NO. _____

TRADE _____

LICENSE NO. _____

NAME N/A

ADDRESS _____

CITY, STATE, ZIP _____

TELEPHONE: _____

FAX NO. _____

TRADE _____

LICENSE NO. _____