

RFP2021-45 ENGINEERING SERVICES FOR PREPARATION OF PLANS SPECIFICATIONS INSPECTIONS FOR THE RECONSTRUCTION OF WEST STATE STREET BETWEEN PROSPECT STREET PARKSIDE AVENUE FOR THE CITY OF TRENTON PROPOSAL OPENED 11/4/2021 AT 11:00AM

RFP2021-45 ENGINEERING SERVICES FOR PREPARATION OF PLANS SPECIFICATIONS AND INSPECTIONS FOR THE RECONSTRUCTION OF WEST STATE STREET BETWEEN PROSPECT STREET AND PARKSIDE AVENUE (NJDOT MUNICIPAL AID PROJECT) IN THE CITY OF TRENTON FOR THE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ENGINEERING									
NUMBER OF RESPONDENTS:	8								
NAME OF BIDDER	B&G ENGINEERING, LLC	GREENMAN-PEDERSEN, INC.	BANC3 ENGINEERING	ROBERTS ENGINEERING GROUP, LLC	FRENCH AND PARRELLO ASSOCIATES, PA	ENVIRONMENT RESOLUTIONS, INC.	REMINGTON AND VERNICK ENGINEERS	PENNONI ASSOCIATES, INC.	
ADDRESS	30 BERNARD DRIVE	301 GIBRALTAR DRIVE, SUTIE 2A	300 ALEXANDER PARK, SUITE 300	1670 WHITEHORSE-HAMILTON SQUARE ROAD	1800 ROUTE 34, SUITE 101	815 EAST GATE DRIVE, SUITE 103	2059 SPRINGDALE ROAD	515 GROVE STREET, SUITE 1B	
CITY, STATE, ZIP	EWING, NJ 08628	MORRIS PLAINS, NJ 07950	PRINCETON, NJ 08540	HAMILTON, NJ 08690	WALL, NJ 07719	MOUNT LAUREL, NJ 08054	CHERRY HILL, NJ 08003	HADDON HEIGHTS, NJ 08035	
CONTACT NAME	BESRICK PLUMMER	ANDREW CANGIANO	WILLIAM BRIAN DUKE	CARMELA ROBERTS	STEVEN A. TARDY, PE	CHRISTOPHER J. NOLL	LEONARD A. FAIOLA	BETH-ANN GRASSO	
TELEPHONE	732-598-6616	973-434-8349	609-436-5800	609-586-1141	732-312-9800	856-235-7170	856-795-9595	856-547-0505	
FAX	609-671-0715	973-877-0925	609-356-0295	609-586-1143	732-312-9801	856-273-9239	856-795-1882	N/A	
E-MAIL	BGPLUMMER@VERIZON.NET	ACANGIANO@GPINET.COM	BRIANDUKE@BANC3ENGINEERING.COM	CROBERTS@ROBERTSENGINEERING.COM	STEVEN.TARDY@FPAENGINEERS.COM	CNOLL@ERINJ.COM	LEONARD.FAIOLA@RVE.COM	BGRASSO@PENNONI.COM	
STATEMENT OF OWNERSHIP DISCLOSURE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
EQUAL EMPLOYMENT OPPORTUNITY EXHIBIT A	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
REQUIRED EVIDENCE EEO/AFFIRMATIVE ACTION REGULATIONS QUESTIONNAIRE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA DATED 10/27/2021	VENDOR DIDN'T NOT SUBMIT THE UPDATED ADDENDUM THAT WAS ISSUED IN THEIR PACKAGE	INCLUDED	VENDOR DIDN'T NOT SUBMIT THE UPDATED ADDENDUM THAT WAS ISSUED IN THEIR PACKAGE	VENDOR DIDN'T NOT SUBMIT THE UPDATED ADDENDUM THAT WAS ISSUED IN THEIR PACKAGE	VENDOR DIDN'T NOT SUBMIT THE UPDATED ADDENDUM THAT WAS ISSUED IN THEIR PACKAGE	INCLUDED	VENDOR DIDN'T NOT SUBMIT THE UPDATED ADDENDUM THAT WAS ISSUED IN THEIR PACKAGE	VENDOR DIDN'T NOT SUBMIT THE UPDATED ADDENDUM THAT WAS ISSUED IN THEIR PACKAGE	
NJ BUSINESS REGISTRATION CERTIFICATE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	REQUIRED PRIOR TO AWARDED FROM VENDOR	
NON-COLLUSION AFFADAVIT	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
AMERICANS WITH DISABILITIES ACT OF 1990 LANGUAGE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
ETHICS COMPLAINT DISCLOSURE	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
CERTIFICATION AND DISCLOSURE OF POLITICAL CONTRIBUTIONS	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
DISCLOSURE OF INVESTED ACTIVITIES IN IRAN	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
DEBARMENT NOTICE	REQUIRED PRIOR TO AWARDED FROM VENDOR	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
CITY OF TRENTON RESIDENT EMPLOYMENT POLICY	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
EIC	CERT.#41637 EXP. 11/15/2023	CERT.#17365 EXP. 09/15/2024	CERT.#56918 EXP. 12/15/2023	CERT.#42995 EXP. 03/15/2023	CERT.#7359 EXP. 04/15/2022	CERT.#19397 EXP. 07/15/2023	CERT.#61809 EXP. 10/15/2022	CERT.#2919 EXP. 10/15/2024	
CERTIFICATE OF INSURANCE	REQUIRED PRIOR TO AWARDED FROM VENDOR	REQUIRED PRIOR TO AWARDED FROM VENDOR	REQUIRED PRIOR TO AWARDED FROM VENDOR	REQUIRED PRIOR TO AWARDED FROM VENDOR	REQUIRED PRIOR TO AWARDED FROM VENDOR	REQUIRED PRIOR TO AWARDED FROM VENDOR	REQUIRED PRIOR TO AWARDED FROM VENDOR	REQUIRED PRIOR TO AWARDED FROM VENDOR	
60-DAY EXTENSION COMPLIANCE	N/A	YES	YES	YES	YES	YES	YES	N/A	
PROVIDE PRIORITY EMERGENCY SERVICES	N/A	YES	YES	YES	YES	YES	YES	N/A	
REFERENCES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
W-9	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	
EXCEPTIONS (IF ANY)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
TOTAL AMOUNT FOR TASK ITEMS#1-9	\$47,325.00 (SEE ATTACHED BREAKDOWN OF TASK PER ITEM)	\$48,620.00 (SEE ATTACHED BREAKDOWN OF TASK PER ITEM)	\$54,960.00 (SEE ATTACHED BREAKDOWN OF TASK PER ITEM)	\$55,500.00 (SEE ATTACHED BREAKDOWN OF TASK PER ITEM)	\$69,795.00 (SEE ATTACHED BREAKDOWN OF TASK PER ITEM)	\$94,911.04 (SEE ATTACHED BREAKDOWN OF TASK PER ITEM)	\$124,305.00 (SEE ATTACHED BREAKDOWN OF TASK PER ITEM)	\$259,884.15 (SEE ATTACHED BREAKDOWN OF TASK PER ITEM)	
FATAL FLAW	FATAL FLAW	NONE	FATAL FLAW	FATAL FLAW	NONE	NONE	FATAL FLAW	FATAL FLAW	

November 2, 2021

FEE SCHEDULE- RFP 2021-45
CITY OF TRENTON
DEPARTMENT OF PUBLIC WORKS

For your convenience we have broken down the total estimated cost of the project into the categories identified within the Scope of Services.

PHASE 1.0 RESEARCH/INSPECION, FIELD SURVEY & BASE MAP	\$13,125.00
PHASE 2.0 CONSTRUCTION PLANS & SPECIFICATIONS	\$22,500.00
PHASE 3.0 BID TABULATION AND CONTRACT AWARAD	\$1,500.00
PHASE 4.0 CONSTRUCTION INSPECTION AND MANAGEMENT	\$9,000.00
PHASE 5.0 REIMBURSABLES (PRINTING/MTGS/CORRESPONDENCES	\$1,200.00
TOTAL: PHASES 1 TO 5	\$47,325.00

We appreciate the opportunity of submitting this proposal and look forward to performing this work. Should you have any questions regarding this proposal, please feel free to contact this office.

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GPI GREENMAN-PEDERSEN, INC.

CONSULTING ENGINEERS · SURVEYORS · PLANNERS · LANDSCAPE ARCHITECTS
MORRIS PLAINS, NEW JERSEY

RECONSTRUCTION OF WEST STATE STREET BETWEEN PROSPECT STREET AND PARKSIDE AVENUE

The following is our proposed fee for the project. The fee includes all labor costs, as well as direct costs (mileage, reproduction, etc.) required to complete the project.

Attached is an hourly breakdown, by task, for the project.

COST PROPOSAL

TASK DESCRIPTION	TASK HOURS	TASK FEE
FIELD SURVEYING AND BASE MAPPING	184	\$ 16,690.00
RESEARCH & INITIAL INSPECTION	12	\$ 1,340.00
PREPARE PLANS & SPECIFICATIONS	182	\$ 17,630.00
PAYMENT SUBMISSION/CONTRACT ADMIN.	32	\$ 3,360.00
PERIODIC CONSTRUCTION OBSERVATION	104	\$ 9,600.00
ADDITIONAL SERVICES (Mileage & Printing)		NO CHARGE
TOTALS	514	\$ 48,620.00



300 Alexander Park, Suite 300
 Princeton, NJ 08540
 609.436.5800 phone
 609.356.0295 fax
 www.banc3engineering.com
 SBE | MBE | DBE certified

November 2, 2021

Ms. Isabel Garcia, QPA
 Purchasing Agent
 City of Trenton, City Hall
 319 East State Street
 Division of Purchasing
 1st Floor
 Trenton, NJ 08608

RE: FEE PROPOSAL

Engineering Services for the Preparation of Plans, Specifications and Inspections for the Reconstruction of West State Street between Prospect Street and Parkside Avenue

Dear Ms. Garcia:

Please find below our Fee Proposal, broken down as requested within the proposal.

Research	\$2,200
Initial Inspection	\$1,940
Field Surveying	\$10,080
Preparation of Plans and Specifications	\$28,270
Additional Services	\$1,430
Periodic Observation During Construction	\$8,160
Payment Submission to NJDOT	\$2,880
Total	\$54,960

Regards,

William Brian Duke
 Director

 ORIGINAL

ORIGINAL



Roberts
ENGINEERING GROUP LLC
Women Business Enterprise Certified

1670 Whitehorse-Hamilton Square Rd.
Hamilton, New Jersey 08690
609-586-1141 fax 609-586-1143
www.RobertsEngineeringGroup.com

Cost Proposal

Engineering Services for the Preparation of Plans, Specifications and Inspections for the Reconstruction of West State Street Between Prospect Street and Parkside Avenue NJDOT Municipal Aid Project November 2, 2021 Our File No.: T2101		
1	Field Survey/Base Map Preparation	\$23,000.00
2	75% Preliminary Construction Plans/Specifications/Bid Document Preparation	\$12,000.00
3	Final Construction Plans/Specifications/Bid Document Preparation	\$10,500.00
4	Bid Tabulation and Contract Administration	\$2,000.00
5	Construction Inspection and Management	\$7,500.00
6	Reimbursables (Mileage, Photocopies, etc.)	\$500.00
	Total:	\$55,500.00

Note: This is an Hourly Not to Exceed Amount and individual item totals may vary.



**ENGINEERING SERVICES FOR PREPARATION OF PLANS SPECIFICATIONS & INSPECTIONS FOR
THE RECONSTRUCTION OF WEST STATE STREET BETWEEN PROSPECT STREET & PARKSIDE AVENUE
CITY OF TRENTON, MERCER COUNTY, NEW JERSEY**

DESCRIPTION	PROJECT CONSULTANT	SENIOR PROJECT MANAGER	SENIOR ENGINEER	SENIOR STAFF ENGINEER	STAFF ENGINEER	ADMINISTRATIVE ASSISTANT	TOTAL HOURS
FIELD SURVEY & BASE MAPPING							
Research	0	0	0	0	2	0	2
Initial Inspection	0	0	0	0	0	0	0
Field Surveying	0	0	0	0	0	0	0
Final Base Map Preparation	0	2	0	0	4	0	6
Total Hours:	0	2	0	0	6	0	8
Hourly Rate	\$195.00	\$180.00	\$165.00	\$115.00	\$100.00	\$65.00	
Total:	\$0.00	\$360.00	\$0.00	\$0.00	\$600.00	\$0.00	Task Total: \$960.00
PRELIMINARY DESIGN PLANS & REPORTS							
Project Kickoff Meeting	0	2	0	0	0	0	2
Field Investigations	0	0	0	0	10	0	10
Design Plans	0	4	0	0	60	0	64
Engineer's Estimate	0	2	0	0	8	0	10
Project Manual	0	12	0	0	0	0	12
NJDOT Submission	0	1	0	0	2	2	5
Total Hours:	0	21	0	0	80	2	103
Hourly Rate	\$195.00	\$180.00	\$165.00	\$115.00	\$100.00	\$65.00	
Total:	\$0.00	\$3,780.00	\$0.00	\$0.00	\$8,000.00	\$130.00	Task Total: \$11,910.00
FINAL DESIGN							
Final Bid Documents	1	6	0	0	16	2	25
Total Hours:	1	6	0	0	16	2	25
Hourly Rate	\$195.00	\$180.00	\$165.00	\$115.00	\$100.00	\$65.00	
Total:	\$195.00	\$1,080.00	\$0.00	\$0.00	\$1,600.00	\$130.00	Task Total: \$3,005.00
CONSTRUCTION PHASE SERVICES							
Bid Analysis & Recommendation of Award	0	1	0	0	4	0	5
Pre-construction & Progress Meetings	0	6	0	0	0	0	6
Periodic Field Inspection	0	4	0	112	0	0	116
Construction Administration (payment requests, RFI's, shop drawings, project closeout)	0	12	0	0	0	0	12
Total Hours:	0	23	0	112	4	0	139
Hourly Rate	\$195.00	\$180.00	\$165.00	\$115.00	\$100.00	\$65.00	
Total:	\$0.00	\$4,140.00	\$0.00	\$12,880.00	\$400.00	\$0.00	Task Total: \$17,420.00
Sub-Consultants (PS&S - Surveying):							\$36,000.00
Direct Expenses (reproduction, certified mailing, mileage, etc.):							\$500.00
PROJECT TOTAL:							\$69,795.00

FEE PROPOSAL
ENVIRONMENTAL RESOLUTIONS, INC.
ENGINEERING SERVICES FOR THE PREPARATION OF PLANS, SPECIFICATIONS AND INSPECTIONS FOR
THE RECONSTRUCTION OF WEST STATE STREET BETWEEN PROSPECT STREET AND PARKSIDE AVENUE
NJDOT MUNICIPAL AID PROJECT
CITY OF TRENTON DEPARTMENT OF PUBLIC WORKS

Principal in Charge	Project Manager	Project Engineer	Licensed Surveyor	Survey Department Manager	One Man Robotic Crew	Engineering Support	Inspector	Drafting	Total for Task	Total \$/Task
Christopher J. Noll, PE, PE, CME	C. Jeremy Noll, PE, CME, CPWM	Ryan McCarthy, PE	John Dura, PLS	Ethan Hyder, CST	Nick Alexander	Brendan Mulvihill, EIT Paul Dezi	John Scott, PLS, NICET III Matthew Kenster, NICET III Chuck Potts	David Hudson Kimberly Weygand		
\$65.00	\$46.50	\$35.00	\$60.00	\$43.25	\$29.00	\$29.00	\$35.00	\$38.00	\$27.00	
4	20	20	0	8	0	16	8	0	0	\$2,980.00
0	0	0	0	4	8	28	0	8	0	\$1,521.00
0	2	0	16	28	70	0	0	0	0	\$4,294.00
0	2	0	4	8	0	0	0	10	50	\$2,409.00
4	60	60	0	4	0	50	0	80	30	\$10,623.00
0	34	8	0	0	0	20	0	20	0	\$3,201.00
2	6	4	0	0	0	4	0	0	0	\$665.00
4	24	30	0	0	0	40	48	0	0	\$5,266.00
2	20	20	0	0	0	20	10	0	0	\$2,690.00
16	168	142	20	52	78	178	66	118	80	
\$1,040.00	\$7,812.00	\$4,970.00	\$1,200.00	\$2,249.00	\$2,262.00	\$5,162.00	\$2,310.00	\$4,484.00	\$2,160.00	\$33,649.00
Overhead Approved Rate 156.42%										
Subtotal										
10% Profit										
Total Costs for Labor										

SUMMARY	
Permit Fees (Soil Erosion)	\$1,935.00
Personnel Costs Above	\$94,911.04
Total Fee	Not To Exceed \$96,846.04





Schedule of Hourly Rates

ENGINEERING SERVICES FOR
PREPARATION OF PLANS, SPECIFICATIONS AND INSPECTIONS
FOR
THE RECONSTRUCTION OF WEST STATE STREET BETWEEN
PROSPECT STREET AND PARKSIDE AVENUE
(NJDOT MUNICIPAL AID PROJECT)
IN THE CITY OF TRENTON
RFP #2021-45

<i>Staff Member</i>	<i>Billable Hourly Rate</i>
Principal In Charge	\$ 183.34
Project Manager	\$ 131.16
Project Engineer	\$ 98.72
Engineering Support	\$ 83.21
Inspector	\$ 107.18
Survey Department Manager	\$ 121.99
Professional Licensed Surveyor	\$ 169.24
CAD Drafter/Designer	\$ 107.18
CAD Drafter	\$ 76.16
One Man Robotic Crew	\$ 81.80

Overhead costs are included in the above hourly rates.



W. State Street - Cost Breakdown	
Phase	Cost(s)
Phase I: Reseach - above / below ground public utilities, plans, tax maps, etc.	\$1,680.00
Phase II: Initial Inspection (prior to field survey)	\$1,625.00
Phase III: Field Surveying	\$33,095.00
Phase IV: Preparation of Plans and Specifications	\$69,570.00
Phase V: Additional Services - Printing, Meetings, Correspondence	\$1,880.00
Phase VI: Construction Observation (Part-Time)	\$14,055.00
Phase VII: Contract Administration for NJDOT Project	\$2,400.00
Total Professional Service Cost(s):	\$124,305.00

MANPOWER ESTIMATE
 Pro # CTRNX21002
 Division: 308
 Project: West Siste Street
 Location: City of Trenton, Mercer County, NJ

Client: City of Trenton

Date: 11/3/2021
 By: BMG/SS
 Rev. Date:
 By:

NOTE:
 ITEM # DESCRIPTION
 Roadway Rehabilitation

STAFFING

ITEM #	DESCRIPTION	Hourly Rates										TOTAL	
		Principal Professional	Senior Professional	Project Manager	Project Professional	Staff Professional	Associate Professional	Graduate Professional	Sr. Eng. Technician	2-Person Survey	Subs/Direct		
		\$87.10	\$72.50	\$68.03	\$59.53	\$44.71	\$23.68	\$27.88	\$46.55	\$74.00			
Task 1													
	Kick-off Meeting (1 meeting)			2									\$ 3,924.04
	Pre-Design Meeting (1 meeting)			2									\$ 136.06
	Utility Investigation/ NJ Transit			8				8					\$ 3,141.68
	Field meeting with Engineering (1 meeting)			4	4								\$ 510.24
Task 2 -													
	Initial Inspection												
	Pavement Materials (24 pavement cores)			1				16					\$ 8,462.16
	Pavement Design Report			2	40								\$ 542.91
	ADA inventory			1	16								\$ 4,305.66
	Signs and Striping			1				16					\$ 1,268.27
	Plan Prep			1				4	4				\$ 729.11
	QA/QC		2	2				6	20				\$ 1,345.15
													\$ 281.06
													\$ -
													\$ 10,320.90
Task 3 -													
	Field Survey and Base Mapping												
	Project Control		2						6	27			\$ 2,422.30
	Roadway Cross Sections		2		12				40	30			\$ 4,941.36
	Establish ROW and Easements		4										\$ 2,812.24
	QA/QC		2				16	16		18			\$ 145.00
													\$ -
Task 4 -													
	Stormwater Management & Permitting												
	Design			2					4				\$ 5,595.15
	Calculations			2					4	20			\$ 1,357.42
	SWM Rules			1					16	40			\$ 2,444.14
	Mercer SCD								8	8			\$ 514.11
	EO215/CED update		2	4					4				\$ 460.48
													\$ 819.00



MANPOWER ESTIMATE
 Pro # CTRMX21002
 Division: 308
 Project: West Stste Street
 Location: City of Trenton, Mercer County, NJ

Client: City of Trenton

Date: 11/3/2021
 By: BMG/SS
 Rev. Date:
 By:

NOTE: ITEM # DESCRIPTION
 Roadway Rehabilitation

STAFFING

Task 9 - Meetings	Hourly Rates										TOTAL
	Principal Professional	Senior Professional	Project Manager	Project Professional	Staff Professional	Associate Professional	Graduate Professional	Sr. Eng. Technician	2-Person Survey	Subs/Direct	
Web-based Stakeholder Meeting (2 meetings)	\$87.10	\$72.50	\$68.03	\$59.53	\$44.71	\$29.68	\$27.88	\$46.55	\$74.00		\$ 14,931.47
Public Meeting (1 meeting)			8				8				\$ 767.28
Field meeting with Engineering (1 meeting)			8				8				\$ 767.28
Design Review Meeting (3 meetings total, Preliminary and Final submissions)			4								\$ 272.12
Web-based Design Status Meetings with Engineering (bi-weekly)			9			9					\$ 879.39
Conference Call Meetings with Engineering (bi-weekly)			80								\$ 5,442.40
NJDOT/NJDOT/SHPO Meeting (3 meeting)			12								\$ 5,442.40
Pre-Bid Meeting (1 meeting)			4								\$ 816.36
Pre-Construction Meeting (1 meeting)			4								\$ 272.12
TOTAL	0	22	324	114	146	347	640	406	75	0	\$ 93,466.30

Total Salaries overhead rate \$ 93,466.30
 \$ 148,471.22
 Fixed Fee (% of salaries) \$ 241,937.52
 Total Salaries Cost \$ 9,346.63
 x 10%
 Reimbursable Expenses \$ 251,284.15

Traffic Countd \$ 1,000.00
 Driller (24 cores) \$ 4,200.00
 Traffic Control \$ 2,200.00
 Regulatory Permit Fees & Certification Fees (Soil Erosion & 5G3) \$ 1,200.00
 \$ 8,600.00

Total Cost \$ 259,884.15