

TABLE OF CONTENTS

SECTION 1: GENERAL REQUIREMENTS AND PROPOSALS

General Requirements

1.	Description Of The Work	1.1
2.	Subcontracting & Direct Employment Of Labor.....	1.2
3.	Required Time For Completion Of The Work	1.2
4.	Security Regulations	1.3
5.	Payment for Bonds and Insurance	1.5

Contract Drawings

Contract Drawings	Contract Drawings 1
-------------------------	---------------------

Proposal Forms

Bidder's Identification	Proposal Page 1
Proposal Requirements and Addendum Receipt.....	Proposal Page 2
Non-Collusive Bidding Certification.....	Proposal Page 4
Bid Page(s).....	Proposal Page 6
Contractor's Acknowledgement.....	Proposal Page 7
Contractor's Acknowledgement (Corporation/Sole Officer).....	Proposal Page 8
Limited Liability Company Acknowledgement	Proposal Page 9
Certificate of Authority	Proposal Page 10
Certificate of Authority-Limited Liability Company	Proposal Page 11
Bid Bond and Consent of Surety	Proposal Page 12
Affirmative Action Program Requirement (Contractors)	Proposal Page 13
Apprenticeship Training Program Requirement.....	Proposal Page 14
Certificate of License (Electrical).....	Proposal Page 15
Certificate of License (Plumbing).....	Proposal Page 17
Certificate of License (Hauler)	Proposal Page 19
Stormwater Pollution Prevention Certification.....	Proposal Page 20
Prevailing Wage Rates and Supplement	Proposal Page 21
MBE/WBE Program Questionnaire	Proposal Page 22
Contractor Disclosure Statement	Proposal Page 23
Required Disclosure of Relationships to County	Proposal Page 32
Service-Disabled Veterans-Owned Business Questionnaire	Proposal Page 34
Schedule "F" Criminal Background Disclosure	Proposal Page 35
Subcontractors Sealed Bid Submission.....	Proposal Page 41

TABLE OF CONTENTS

SECTION 2: INFORMATION FOR BIDDERS

1.	Addenda And Interpretation	2.1
2.	Voided Clauses	2.1
3.	Pre-Bid Site Inspection	2.1
4.	Bid Security	2.1
5.	Performance And Payment Bond.....	2.2
6.	Indemnification Agreement	2.3
7.	Insurance Requirements.....	2.3
8.	Prevailing Wage Rates And Supplements	2.6
9.	Labor And Compliance With Labor Law	2.9
10.	Contractor's Report Of Employment And Weekly Affidavit	2.13
11.	Laws/Regulations And Appropriations.....	2.13
12.	Refusal To Answer Questions	2.13
13.	Bid Requirements.....	2.14
14.	Miscellaneous Additional Work (Item W-800)	2.14
15.	Correction Of Errors	2.15
16.	Shown Quantities	2.15
17.	Qualification Of Bidders.....	2.15
18.	Required Experience	2.16
19.	Increase Or Decrease Of Quantities: Elimination Of Items.....	2.16
20.	Breakdown Cost Of Lump Sum Items And Contracts.....	2.16
21.	Engineering Charges.....	2.17
22.	Estimates And Payments.....	2.17
23.	Payments To Subcontractors And Materialmen By Contractor	2.21
24.	Time Of Starting	2.22
25.	Safety And Health Regulations For Construction And Demolition Work	2.22
26.	Accident Prevention And First Aid Facilities	2.23
27.	Fire Prevention And Control.....	2.23
28.	State And Local Sales Tax Exemption	2.24
29.	Apprentices	2.24
30.	Affirmative Action Provision	2.24
31.	Affirmative Action Program Requirement	2.24
32.	Authority To Do Business In New York	2.25
33.	License Requirements (Electrical).....	2.25
34.	License Requirements (Plumbing).....	2.26
35.	License Requirements (Haulers).....	2.27
36.	Minority Participation Policy.....	2.30
37.	Sexual Harassment Policy.....	2.32
38.	Smoke-Free Workplace Policy	2.33
39.	County Energy Efficient Purchasing Policy	2.33
40.	Restriction On Use Of Tropical Hardwoods.....	2.33
41.	Disclosure Of Relationships To County	2.34
42.	Contractor Disclosure Statement	2.34
43.	Criminal Background Information.....	2.34
44.	Mandatory OSHA Construction Safety And Health Training.....	2.36

TABLE OF CONTENTS

SECTION 3: GENERAL CLAUSES

1.	Material And Workmanship	3.1
2.	Definitions.....	3.1
3.	Boundaries Of Work	3.2
4.	Overlapping Work	3.2
5.	Proper Method Of Work And Proper Materials	3.4
6.	Control Of Area	3.5
7.	Permits, Fees, Etc.....	3.5
8.	Traffic	3.5
9.	Inspection.....	3.5
10.	Stopping Work.....	3.5
11.	Dimensions	3.6
12.	Payments To County.....	3.6
13.	Protection Of Utilities And Structures.....	3.6
14.	Protection Of Water Resources & The Environment	3.6
15.	Sanitary Regulations	3.8
16.	Cleaning Up	3.8
17.	Prevention Of Dust Hazard.....	3.8
18.	Representative Always Present.....	3.9
19.	Work In Bad Weather	3.9
20.	Protection Of Work Until Completion.....	3.9
21.	Removal Of Temporary Structures And Cleaning Up.....	3.9
22.	Gross Loads Hauled On Highway	3.9
23.	Concrete Batch Proportions - Yield.....	3.9
24.	Damage Due To Contractor's Operations	3.10
25.	Property Damage	3.10
26.	Claims For Damages.....	3.10
27.	Extensions Of Time	3.11
28.	Request For Approval Of Equal	3.12
29.	Substitution	3.15
30.	Extra Work: Increased Compensation/Decreased Work: Credit To The Owner.....	3.18
31.	Disputed Work - Notice Of Claims For Damages	3.20
32.	Contractor's Subcontracts And Material Lists	3.21
33.	Assignment Of Contract	3.22
34.	Payment For General Provisions	3.22
35.	Costs Incurred By County.....	3.22
36.	Guarantee Of Work.....	3.23
37.	Separate Contracts	3.23
38.	Cooperation With Owner.....	3.24
39.	Job Meetings & Project Superintendant	3.24

TABLE OF CONTENTS

SECTION 3: GENERAL CLAUSES

40.	Patent Warranty	3.25
41.	Materials	3.26
42.	Standard Of Quality	3.29
43.	Proprietary Item	3.29
44.	Shop Drawings.....	3.30
45.	Sequence Of Construction Operations.....	3.34
46.	Protection	3.36
47.	Cleanup And Removal Of Debris	3.36
48.	Temporary Service.....	3.36
49.	Operating Tests	3.37
50.	Operating Instructions And Parts Lists	3.37
51.	Cutting And Patching.....	3.37
52.	Conflicts Among Contract Documents.....	3.39
53.	Record Drawings	3.39
54.	Time	3.40
55.	Acceleration Of The Work.....	3.40
56.	Ultra Low Sulfur Diesel Fuel.....	3.40
57.	Qualified Transportation Fringe Program.....	3.42
58.	Use of Fluorescent Light Bulbs & Energy Efficient Bulbs	3.42
59.	County of Westchester Phosphorus-Free Lawn Fertilizer Policy.....	3.42

TABLE OF CONTENTS

SAMPLE FORMS AND ATTACHMENTS

Sample Forms

Affirmative Action Program Requirement – Subcontractor(s).....	Forms Page 1
Contractor’s Report Of Employment And Weekly Affidavit.....	Forms Page 2
Monthly Employment Utilization Report	Forms Page 4
Shop Drawing Schedule.....	Forms Page 5
Shop Drawing ID	Forms Page 6
Request For Approval Of Equal	Forms Page 7
Request For Approval Of Substitutions.....	Forms Page 8
Contractor’s Ultra Low Sulfur Diesel Fuel Affidavit.....	Forms Page 9
Contractor’s Ultra Low Sulfur Diesel Fuel-LOG	Forms Page 10
Electronic Funds Transfer (EFT)-Vendor Direct Payment Authorization Form.....	Forms Page 11

Sample Contract And Bond

Sample Contract And Bond For Construction	A-1
---	-----

Schedule Of Hourly Rates And Supplements

Schedule Of Hourly Rates And Supplements.....	B-1
---	-----

TABLE OF CONTENTS

TECHNICAL SPECIFICATIONS

CONTRACT NO. 22-526

DIVISION 1 – GENERAL REQUIREMENTS

Section 01 11 13	Summary of Work	01 11 13-1 to -6
Section 01 13 13	Schedule of Completion	01 13 13-1 to -2
Section 01 14 16	Coordination with Owner's Operations	01 14 16-1 to -6
Section 01 22 13	Measurement and Payment	01 22 13-1 to -6
Section 01 26 00	Contract Clarification Procedures	01 26 00-1 to -10
Section 01 29 73	Schedule of Values	01 29 73-1 to -4
Section 01 31 13	Project Coordination	01 31 13 to -2
Section 01 31 19.13	Pre-Construction Conference	01 31 19.13-1 to -4
Section 01 31 19.23	Progress Meetings	01 31 19.23-1 to -4
Section 01 32 16	Progress Schedule	01 32 16-1 to -4
Section 01 32 33	Photographic Documentation	01 32 33-1 to -4
Section 01 33 00	Submittal Procedures	01 33 00-1 to -10
Section 01 35 23	Safety Requirements	01 35 23-1 to -6
Section 01 35 43.13	Environmental Procedures for Hazardous Materials	01 35 43.13-1 to -4
Section 01 41 28	Confined Space Entry Permit	01 41 28-1 to -8
Section 01 42 00	References	01 42 00-1 to -10
Section 01 45 29.13	Testing Laboratory Services Furnished by Contractor	01 45 29.13-1 to -4
Section 01 45 33	Code-Required Special Inspections	01 45 33-1 to -12
Section 01 51 05	Temporary Utilities	01 51 05-1 to -6
Section 01 51 41	Temporary Pumping	01 51 41-1 to -8
Section 01 52 11	Engineer's Field Office	01 52 11-1 to -10
Section 01 52 13	Contractor's Field Office and Sheds	01 52 13-1 to -2
Section 01 55 13	Access Roads and Parking Areas	01 55 13-1 to -4
Section 01 55 26	Maintenance and Protection of Traffic	01 55 26-1 to -4
Section 01 57 05	Temporary Controls	01 57 05-1 to -10
Section 01 57 33	Security	01 57 33-1 to -4
Section 01 61 00	Common Products Requirements	01 61 00-1 to -2
Section 01 62 00	Product Options	01 62 00-1 to -2
Section 01 65 00	Product Delivery Requirements	01 65 00-1 to -4
Section 01 66 00	Product Storage and Handling Requirements	01 66 00-1 to -6
Section 01 71 23	Field Engineering	01 71 23-1 to -6
Section 01 71 33	Protection of Work and Property	01 71 33-1 to -6
Section 01 73 19	Installation	01 73 19-1 to -4
Section 01 73 24	Connections to Existing Facilities	01 73 24-1 to -2
Section 01 73 29	Cutting and Patching	01 73 29-1 to -6
Section 01 74 05	Cleaning	01 74 05-1 to -4
Section 01 74 19	Construction Waste Management and Disposal	01 74 19-1 to -6
Section 01 75 11	Checkout and Startup Procedures	01 75 11-1 to -6
Section 01 78 23	Operations and Maintenance Data	01 78 23-1 to -8
Section 01 78 36	Warranties	01 78 36-1 to -4
Section 01 78 39	Project Record Documents	01 78 39-1 to -6

TABLE OF CONTENTS

Section 01 78 43	Spare Parts and Extra Materials	01 78 43-1 to 4
Section 01 79 23	Instruction of Operations and Maintenance Personnel	01 79 23-1 to -6
DIVISION 2 – EXISTING CONDITIONS		
Section 02 41 00	Demolition	02 41 00-1 to -10
Section 02 83 19	Lead Management	02 83 19-1 to -14
DIVISION 3 – CONCRETE		
Section 03 00 05	Concrete	03 00 05-1 to -16
Section 03 01 30	Repair and Rehabilitation of Cast-in-Place Concrete	03 01 30-1 to -12
Section 03 60 00	Grouting	03 60 00-1 to -10
DIVISION 4 – MASONRY		
Section 04 00 05	Masonry	04 00 05-1 to -22
DIVISION 5 – METALS		
Section 05 05 33	Anchor Systems	05 05 33-1 to -18
Section 05 14 00	Structural Aluminum Framing	05 14 00-1 to -6
Section 05 31 23	Steel Roof Decking	05 31 23-1 to -10
Section 05 40 00	Cold Formed Metal Truss and Framing	05 31 23-1 to -6
Section 05 50 13	Miscellaneous Metal Fabrications	05 50 13-1 to -8
Section 05 51 17	Aluminum Stairs	05 51 17-1 to -6
Section 05 52 15	Aluminum Handrails and Railings	05 52 15-1 to -14
Section 05 53 16	Aluminum Grating	05 53 16-1 to -6
Section 05 54 63	Floor Access Hatch Covers	05 54 63-1 to -6
Section 05 56 00	Metal Castings	05 56 00-1 to -4
DIVISION 6 - WOOD AND PLASTICS		
Section 06 82 13	Fiberglass-Reinforced Plastic Grating	06 82 13-1 to -6
Section 06 82 23	Fiberglass-Reinforced Plastic Handrails and Railings	06 82 23-1 to -10
Section 06 82 53	Fiberglass-Reinforced Plastic Miscellaneous Fabrications	06 82 53-1 to -10
DIVISION 7 - THERMAL AND MOISTURE PROTECTION		
Section 07 11 13	Bituminous Damproofing	07 11 13-1 to -6
Section 07 19 16	Silane Water Repellents	07 19 16-1 to -4
Section 07 21 05	Building Insulation	07 21 05-1 to -10
Section 07 41 13	Metal Roof Panels	07 41 13-1 to -10
Section 07 62 00	Sheet Metal Flashing and Trim	07 62 00-1 to -8
Section 07 71 00	Roof Specialties	07 71 00-1 to -8
Section 07 92 00	Joint Sealants	07 92 00-1 to -12
DIVISION 8 - OPENINGS		
Section 08 11 19	Stainless Steel Door and Frames	08 11 19-1 to -12
Section 08 31 00	Access Doors and Panels	08 31 00-1 to -6

TABLE OF CONTENTS

Section 08 71 00 Door Hardware	08 71 00-1 to -18
DIVISION 9 – FINISHES	
Section 09 21 16 Gypsum Board Assemblies	09 21 16-1 to -14
Section 09 61 53 Concrete Hardener	09 61 53-1 to -6
Section 09 91 00 Painting	09 91 00-1 to -28
DIVISION 10 – SPECIALTIES	
Section 10 14 00 Signage	10 14 00-1 to -16
Section 10 44 00 Fire Protection Specialties	10 44 00-1 to -4
DIVISION 11 – EQUIPMENT	
Not Used	
DIVISION 12 – FURNISHINGS	
Not Used	
DIVISION 13 - SPECIAL CONSTRUCTION	
Not Used	
DIVISION 14 - CONVEYING SYSTEMS	
Not Used	
DIVISION 15 – MECHANICAL	
Not Used	
DIVISION 21 – FIRE SUPPRESSION	
Not Used	
DIVISION 22 – PLUMBING	
Section 22 00 05 Plumbing	22 00 05-1 to -12
Section 22 13 33 Packaged Submersible Sewerage Pump Units	22 13 33-1 to -8
DIVISION 23 – HVAC	
Section 23 05 29 Hangers and Supports for HVAC Piping & Equipment	23 05 29-1 to -10
Section 23 05 93 Testing, Adjusting and Balancing for HVAC	23 05 93-1 to -10
Section 23 31 13 Metal Ductwork	23 31 13-1 to -16
Section 23 34 05 Metallic HVAC Fans	23 34 05-1 to -12
Section 23 34 06 Non-Metallic HVAC Fans	23 34 06-1 to -12
Section 23 37 23 HVAC Gravity Ventilators	23 37 23-1 to -8
Section 23 82 39.43 Electric Unit Heaters	23 82 39.43-1 to -8
DIVISION 25 – INTEGRATED AUTOMATION	
Not Used	
DIVISION 26 – ELECTRICAL	

TABLE OF CONTENTS

Section 26 05 00	Electrical Work	26 05 00-1 to -28
Section 26 05 26	Grounding	26 05 26-1 to -6
Section 26 05 29	Electrical Supports, Anchors, and Fasteners	26 05 29-1 to -6
Section 26 08 00	Testing and Inspection	26 08 00-1 to -8
Section 26 09 16	Auxiliary Controls and Relays	26 09 16-1 to -8
Section 26 27 13	Electrical Utility Services	26 27 13-1 to -4
Section 26 27 16	Control Panels and Enclosures	26 27 16-1 to -10
Section 26 32 13	Packaged Engine Generator System – 125kW Diesel	26 32 13-1 to -20
Section 26 36 16	Enclosed Transfer Switches	26 36 16-1 to -6
Section 26 40 00	Overcurrent Protective Devices	26 40 00-1 to -8

DIVISION 27 – COMMUNICATION

Not Used

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

Not Used

DIVISION 31 – EARTHWORKS

Section 31 20 00	Earth Moving	32 20 00-1 to -20
Section 31 63 29	Drilled Concrete Piers	31 63 29-1 to -10

DIVISION 32 – EXTERIOR IMPROVEMENTS

Section 32 01 91	Tree Protection and Trimming	32 01 91-1 to -8
Section 32 12 00	Flexible Paving	32 12 00-1 to -12
Section 32 31 00	Fences	32 31 00-1 to -14
Section 32 92 00	Lawns and Meadows	32 92 00-1 to -16

DIVISION 33 – UTILITIES

Not Used

DIVISION 34 – TRANSPORTATION

Not Used

DIVISION 35 – WATERWAY AND MARINE

Not Used

DIVISION 40 – PROCESS INTEGRATION

Section 40 05 05	Exposed Piping Installation	40 05 05-1 to -16
Section 40 05 06	Coupling, Adaptors, and Specials	40 05 06-1 to -6
Section 40 05 07	Pipe Hangers and Supports	40 05 07-1 to -8
Section 40 05 08	Wall Pipes, Floor Pipes, and Pipe Sleeves	40 05 08-1 to -4
Section 40 05 19	Ductile Iron Process Pipe	40 05 19-1 to -8
Section 40 05 31	Thermoplastic Process Pipe	40 05 31-1 to -4
Section 40 05 53	Process Valves	40 05 53-1 to -12
Section 40 05 76.23	Piping Specialties	40 05 76.23-1 to -6

TABLE OF CONTENTS

Section 40 05 93	Common Motor Requirements for Process Equipment	40 05 93-1 to -12
Section 40 60 05	Instrumentation and Control for Process Systems	40 60 05-1 to -62
DIVISION 41 – MATERIAL PROCESSING AND HANDLING EQUIPMENT		
Section 41 22 23	Portable Davit Cranes	41 22 23-1 to -8
DIVISION 42 – PROCESS HEATING, COOLING AND DRYING EQUIPMENT		
Not Used		
DIVISION 43 – PROCESS GAS - LIQUID HANDLING PURIFICATION STORAGE EQUIPMENT		
Section 43 21 13.12	Centrifugal End Suction Pumps – Dry Pit	43 21 13.12-1 to-10
Section 43 26 23	Stainless Steel Slide Gates	43 26 23-1 to -14
DIVISION 45 – INDUSTRY- SPECIFIC MANUFACTURING EQUIPMENT		
Not Used		
DIVISION 46 – WATER AND WASTEWATER EQUIPMENT		
Section 46 41 23	Submersible Mixers	46 41 23-1 to -10

EXHIBITS

Exhibit A Hazardous Materials Inventory Report for the Fenimore Road, Weaver Street, Archville, and Country Club Lane Pumping Stations