



# CONTRACT DATA SHEET

Monroe County Division of Purchasing  
200 County Office Building, Rochester NY 14614

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**TITLE:** HIGHWAY MATERIALS – GROUP II

**CONTRACT #:** 0102-24

**CONTRACT DATES:** 03/01/2024 – 02/28/2026

**BUYER:** Sean Wilcox  
**PHONE:** 585/753-1136  
**EMAIL:** swilcox@monroecounty.gov

**VENDOR(S):** Various – See Attached List

Sean Wilcox  
Buyer

XC: BP FILE  
VENDOR

HIGHWAY MATERIALS GROUP II  
VENDORS

Contract	Vendor Name	Awarded some or all of Items:
7700000218	ADVANCED DRAINAGE SYSTEMS INC	37
7700000219	BARRE STONE PRODUCTS INC	1A,1B,3,4,5,7,8,9,11,12
7700000220	CHEMUNG SUPPLY CORPORATION	17,19,20,21,22,28,32,34,35
7700000221	CROSSROADS HIGHWAY SUPPLY INC	26,27,34,36
7700000---	DAN GERNATT GRAVEL PRODUCTS	5,12,40
7700000222	DOLOMITE PRODUCTS CO INC	7,12
7700000223	HEIDELBERG MATERIALS NE-NY LLC	1A,1B,5,7
7700000224	HERB BOYCE GRADING CO	8
7700000225	INNOVATIVE MUNICIPAL PRODUCTS US IN	2,3,39A
7700000226	IROQUOIS ROCK PROD INC	1A,1B3,4,7,12
7700000227	J C SMITH INC	16,18,23
7700000228	KEELER CONSTRUCTION CO INC	5
7700000229	MACEDON LANDSCAPING INC	8
7700000230	MILLENNIUM ROADS LLC	39A,39B
7700000231	MILLER BRICK COMPANY	14,15
7700000232	MILTON RENTS	13,17,25,28,29,30,32,33
7700000233	NORTHERN ASPHALT LLC	1A,1B,3,4,5,
7700000234	RAL LANDSCAPE INC	8,9,10
7700000235	RANDSCO PIPELINE	
7700000236	ROCHESTER ASPHALT MATERIALS	1A,1B,3,4,6
7700000237	SHELBY CRUSHED STONE INC	3
7700000238	SITEONE LANDSCAPE SUPPLY	41,42
7700000239	SPALLINA MATERIALS INC	1A,1B,5,6,8,9,10,11,12
7700000240	SYRACUSE SAND & GRAVEL LLC	5,7,8,9,10,11,12
7700000241	TAOUK DEVELOPMENT LLC	7,8,9
7700000242	UNIQUE PAVING MATERIALS CORP	2
7700000243	US STANDARD SIGN COMPANY INC	24
7700000244	VALLEY SAND & GRAVEL	7,11,12

## TERMS AND CONDITIONS

**BID ITEM:**

**HIGHWAY MATERIALS - GROUP II**

**FOR:**

**Department of Transportation**

**BUYER CONTACT:**

The Buyer, identified below, is the sole point of contact regarding this Bid from the date of issuance until the bids are opened and the results made public.

Sean Wilcox  
Monroe County Division of Purchasing  
39 West Main Street Room 200  
Rochester, NY 14614  
Email: [swilcox@monroecounty.gov](mailto:swilcox@monroecounty.gov)

All requests for bid clarification must be submitted in writing to the Buyer referenced above and received no later than noon. (5:00 PM Eastern Standard Time) on **Wednesday, January 10, 2024.**

All questions will be answered and documented in writing as an Addendum to the Bid. These will be sent out to all Bidders who received the original Bid no later than **Friday, January 12, 2024.**

**DUPLICATE COPIES:**

**PLEASE SUBMIT YOUR BID IN DUPLICATE; THE ORIGINAL AND ONE (1) COPY.**

**BID INFORMATION:**

At the time of bid, the bidder shall supply detailed specifications covering the item(s) contained herein and shall clearly indicate any areas in which item or items offered do not fully comply with the specifications contained herein.

**SUBMITTAL OF  
FORMAL PROPOSAL:**

Bid proposal must be legible and submitted in the original form, bearing an original signature. **EMAILS AND FACSIMILES ARE NOT ACCEPTABLE.**

All bidders must submit proof that they have obtained the required **Workers' Compensation and Disability Benefits Insurance** coverage or **PROOF** that they are exempt. (Visit [www.wcb.ny.gov](http://www.wcb.ny.gov) for forms.)

**SPECIFICATION  
ALTERATIONS:**

Specifications will be construed to be complete and be considered the entire description of the goods or services upon which Monroe County is now seeking bids. **Only formal written addenda can materially alter this set of specifications.** No verbal statement made by a Monroe County employee or anyone else is binding nor shall such statement be considered an official part of this public bid proposal.

**BRAND REFERENCE:**

References to a manufacturer's product by brand name or number are done solely to establish the minimum quality and performance characteristics required. Bidders may submit bids on alternates, but must attach two (2) copies of manufacturer specifications for any alternate at the time of the bid. Further, the bidder must demonstrate that the alternate proposed has a sufficient operating track record to show the equipment will perform per the specified brand. The acceptance of a bidder's alternate rests solely with Monroe County.

**QUALIFIED BIDDER:**

Each bidder must be prepared to present satisfactory proof of his capacity and ability to perform this contract. Such proof may include, but is not limited to, an inspection of the bidder's facilities and equipment, financial statements, references and performance of similar contracts. **The Purchasing Manager reserves the right to reject any bid where the bidder cannot satisfy the County as to their ability to perform.** Monroe County reserves the right to reject any and all bids if the Monroe County Purchasing Manager deems said action to be in the best interests of Monroe County.

**METHOD OF AWARD:**

Monroe County intends to award one or more contract(s) to the lowest responsive and responsible bidder(s). The County reserves the right to award the bid as a **whole or by group or item, depending on whichever method results in the lowest overall cost to the County. Separate awards will be considered when in the County's best interests to do so, such as when the price offered is great enough to offset the additional costs inherent to multiple contracts.** Bidders are not required to bid on every item included in the bid. **The County reserves the right to reject any and all bids** if the Purchasing Manager deems said action to be in the best interest of the County

**CONTRACT TERM:**

Contract will start with the date of the contract award and run through **February 28, 2025**, with the option to renew the contract up to **two (2)** additional twelve (12) month periods with the mutual consent of both parties.

**MINIMUM ORDER:**

No minimum order is specified for this contract, unless stated otherwise in the specifications. Agencies must be able to order as needed. **Political subdivisions and others authorized by law may participate in this contract.**

**PRICE CHANGES:**

Price changes may be proposed by either party no later than forty-five (45) days prior to contract extension, based upon manufacturer price changes which must be supported with documentation. Should price changes not be acceptable to both parties, the contract will not be extended. Prices may change only at the time of extension.

**DELIVERY:**

Delivery to be **F.O.B. destination as specified by Purchase Order**. Delivery costs must be built into the unit prices bid. Deliveries must be made within **two (2) weeks, or as stated in specifications**, after receipt of purchase order number. The County reserves the right to terminate the contract in the event the specified delivery time is not met.

**PURCHASE ORDER  
ISSUANCE:**

Delivery of goods may be directed by the receipt of a Purchase Order only. **Items that are not part of this bid will not be paid for by Monroe County.** As to all purchase orders issued by Monroe County, exceptions may only be authorized, in writing, by the Purchasing Manager or her authorized agent prior to delivery.

**BILLING  
PROCEDURE:**

All invoices for items sold any authorized agency as a result of this contract must be billed in the following manner: Purchase Order #, Quantity, Description of Item Purchased, BP#, Item #, Extension and Total. **ALL INVOICES MUST BE MARKED WITH THE PURCHASE ORDER NUMBER. INVOICES WITHOUT THIS INFORMATION WILL NOT BE PROCESSED FOR PAYMENT.**

**WARRANTY/  
GUARANTEE:**

All warranties by manufacturer shall apply. Bidder shall, as part of its proposal, furnish its warranty/guarantee for all goods/services to be furnished hereunder. As a minimum, Bidder shall warrant all goods for a period of one (1) year from date of acceptance. Bidder shall be obligated to repair or replace all defects in material or workmanship, which are discovered or exist during said period. All labor, parts and transportation shall be at Bidder's expense.

**UNCONTEMPLATED  
PURCHASES:**

Monroe County reserves the right to request separate bids for such quantities of items on this contract that may be best procured via separate public bid offering and to otherwise act in furthering its own best interests.

**SUBCONTRACT:**

The Contractor shall not subcontract any work without first obtaining the written consent of the Monroe County Purchasing Manager.

**RELATED ITEMS:**

The County reserves the right to add miscellaneous related items to this contract during the contract term upon agreement by both parties as to the price. Approval must be given in writing by the Purchasing Manager or her Designee.

**REPORT OF  
PURCHASE:**

The Contractor must, upon request, provide the County Purchasing Manager with detailed information showing how much of each item was delivered, to any and all agencies under this contract. This includes deliveries to not only the County but any other municipality or agency which orders from this contract.

**OTHER AGENCIES:**

The Contractor(s) **must** honor the prices, terms and conditions of this contract with political subdivisions or districts located in whole or in part within Monroe County. In addition, the contractor **may**, but is not required to, extend the prices, terms and conditions of this contract to any other political subdivision or district. Usage of this contract by any of these other political subdivisions or districts will have to be coordinated between that subdivision or district and the contractor. Orders placed against this contract between any subdivision or district will be contracts solely between the Contractor(s) and those entities. Monroe County will not be responsible for, nor will it have any liability or other obligation for, such contract between the Contractor(s) and any third party.

**INDEMNIFICATION:**

The Contractor agrees to defend, indemnify and save harmless the County, its officers, agents, servants and employees from and against any and all liability, damages, costs or expenses, causes of action, suits, judgments, losses and claims of every name not described, including attorneys' fees and disbursements, brought against the County which may arise, be sustained, or occasioned directly or indirectly by any person, firm or corporation arising out of or resulting from the performance of the services by the Contractor, arising from any act, omission or negligence of the Contractor, its agents and employees, or arising from any breach or default by the Contractor under this Agreement. Nothing herein is intended to relieve the County from its own negligence or misfeasance or to assume any such liability for the County by the Contractor.

**EQUAL PAY  
CERTIFICATION:**

Prior to the execution of this Agreement, the Contractor shall submit to the County an Equal Pay Certification ("Certification") affirming the Contractor's compliance with the Federal Equal Pay Act, 29 USC § 206 and New York State Labor Law §194, as amended from time to time ("Equal Pay Laws"). As set forth in the Certification, the Contractor's violation of one or more of the Equal Pay Laws or its filing of a false or misleading Certification during the term of this Agreement may constitute grounds for the County in its sole discretion to immediately terminate the Agreement and for determining the Contractor to be not qualified to participate in future Monroe County contracts.

## **COMPLIANCE WITH FEDERAL SINGLE AUDIT ACT**

In the event the Contractor is a recipient through this contract, directly or indirectly of any funds of or from the United States Government, Contractor agrees to comply fully with the terms and requirements of Federal Single Audit Act [Title 31 United States Code, Chapter 75], as amended from time to time. The Contractor shall comply with all requirements stated in Federal Office of Management and Budget Circulars A-102, A-110 and A-133 and such other circulars, interpretations, opinions, rules or regulations that may be issued in connection with the Federal Single Audit Act.

If on a cumulative basis the Contractor expends Seven Hundred Fifty Thousand and no/100 Dollars (\$750,000.00) or more in federal funds in any fiscal year, it shall cause to have a single audit conducted, the Data Collection Form (defined in Federal Office of Management and Budget Circular A-133) shall be submitted to the County; however, if there are findings or questioned costs related to the program that is federally funded by the County, the Contractor shall submit the complete reporting package (defined in Federal Office of Management and Budget Circular A-133) to the County.

If on a cumulative basis the Contractor expends less than Seven Hundred Fifty Thousand and no/100 Dollars (\$750,000.00) in federal funds in any fiscal year, it shall retain all documents relating to the federal programs for three (3) years after the close of the Contractor's fiscal year in which any payment was received from such federal programs.

All required documents must be submitted within nine (9) months of the close of the Contractor's fiscal year end to:

Monroe County Internal Audit Unit  
304 County Office Building  
39 West Main Street  
Rochester, New York 14614

The Contractor shall, upon request of the County, provide the County such documentation, records, information and data and response to such inquiries as the County may deem necessary or appropriate and shall fully cooperate with internal and/or independent auditors designated by the County and permit such auditors to have access to, examine and copy all records, documents, reports and financial statements as the County deems necessary to assure or monitor payments to the Contractor under this contract.

The County's right of inspection and audit pursuant to this contract shall survive the payment of monies due to Contractor and shall remain in full force and effect for a period of three (3) years after the close of the Contractor's fiscal year in which any funds or payment was received from the County under this contract.

# Monroe County Department of Transportation

## **2024 Group 2: Highway Materials**

### **Technical Specifications**

The item numbers and descriptions on the following page will provide the reference between the technical specifications and the Bid Proposal Sheets.



## **2024 Group 2: Highway Materials**

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## ASPHALT PRICE ADJUSTMENT APPENDIX

### DESCRIPTION

Asphalt price adjustments will be allowed based on the **December 2023** New York State Department of Transportation (NYSDOT) Average Posted Price for Asphalt (Performance Grade Binder); this will be considered the Base Index Price. Monthly Average Posted Prices for Asphalt (Performance Graded Binder) are determined by NYSDOT based on prices of pre-approved primary sources of Performance Graded Binder in accordance with NYSDOT Standard Specifications. Instructions for calculating the Asphalt Price Adjustment (Item 698.04) are contained in the NYSDOT Standard Specifications; the formula is included below.

**The December 2023 Average Posted Price for Asphalt (Performance Graded Binder) is \$615.00 per US Ton; this will be considered the Base Index Price.**

**Note:** The same grade of asphalt used in establishing the Base Index Price shall be used in establishing the New Monthly Average Price.

1. In the event that one or more of the NYSDOT preapproved sources discontinue posting a monthly Average Posted Price for Asphalt, the Base Index Price **shall not be recalculated**.
2. Price Adjustments will be in accordance with the formula below and will be effective for deliveries made on and after the first of the month.
3. The **unit price per Ton of Bituminous Asphalt** material for any item referencing this Appendix will be subject to adjustment based on the following formula:

Asphalt Price Adjustment (per Ton)	=	New Monthly Average (per Ton)	-	Base Index Price (per Ton)	x	Total % Asphalt + Fuel Allowance
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4. The **unit price per Square Yard (SY) of Paver Placed Surface Treatment (NOVA CHIP)** material for any item referencing this Appendix will be subject to adjustment based on the following formula:

NOVA CHIP Adjustment (per SY)	=	New Monthly Average (per Ton)	-	Base Index Price (per Ton)	X	.07 (7% Total Petroleum)	x	0.03
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5. The **unit price per Square Yard (SY) of Fiber Reinforced Surface Treatment** material for any item referencing this Appendix will be subject to adjustment based on the following formula:

Fiber Reinforced Surface Treatment Adjustment (per SY)	=	New Monthly Average (per Ton)	-	Base Index Price (per Ton)	x	Total % Asphalt + Fuel Allowance	x	0.40
		235						

## ASPHALT PRICE ADJUSTMENT APPENDIX

6. The **unit price per Gallon (GAL) of Liquid Bituminous Asphalt Emulsion** material for any item referencing this Appendix will be subject to adjustment based on the following formula:

Price Adjustment (per Gallon)	=	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">New Monthly Average (per Ton)</div> <div style="text-align: center;">-</div> <div style="text-align: center;">Base Index Price (per Ton)</div> </div> <hr style="width: 80%; margin: 0 auto;"/> <div style="text-align: center;">235</div>	x	Total % Asphalt + Fuel Allowance
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### NEW MONTHLY AVERAGE PRICE

The new Average Posted Price for Asphalt (Performance Graded Binder) as determined by NYSDOT each month after the bid letting in accordance with NYSDOT Standard Specifications.

### BASE INDEX PRICE

The **December 2023** Average Posted Price for Asphalt (Performance Graded Binder) as determined by NYSDOT; **\$615.00 per Ton**.

### TOTAL % ASPHALT PLUS FUEL BY MATERIAL TYPE

The percentage of total allowable Asphalt and Fuel for each item is as follows:

ITEM	% ASPHALT	% FUEL ALLOWANCE *	TOTAL % ASPHALT + FUEL ALLOWANCE
<b>Hot Mix Asphalt (HMA) and Warm Mix Asphalt (WMA)</b>			
Type MC1 Binder Course (County #1 Binder)	5.75%	1.00%	6.75%
Flexible Overlay (Smooth Seal)	7.00%	1.00%	8.00%
Flexible Top (County Top)	6.20%	1.00%	7.20%
True & Leveling F9 (< 0.3 M ESAL's)	**	1.00%	***
Shim Course F9 (< 0.3 M ESAL's)	8.25%	1.00%	9.25%
6.3 F2 Top Course (< 0.3 M ESAL's)	6.70%	1.00%	7.70%
9.5 F2 Top Course (< 0.3 M ESAL's)	6.20%	1.00%	7.20%
12.5 F2 Top Course (< 0.3 M ESAL's)	5.50%	1.00%	6.50%
19 F9 Binder Course (< 0.3 M ESAL's)	4.90%	1.00%	5.90%
25 F9 Binder Course (< 0.3 M ESAL's)	4.50%	1.00%	5.50%
37.5 F9 Base Course (< 0.3 M ESAL's)	4.00%	1.00%	5.00%
Paver Placed Surface Treatment (NOVA CHIP)	6.40%	0	6.40%
<b>Asphalt Emulsions</b>			
CMS-2	65.00%	12.20%	77.20%
CRS-2	65.00%	3.20%	68.20%
CRS-2p	65.00%	3.20%	68.20%
CSS-1	57.00%	0.20%	57.20%
CSS-1h	57.00%	0.20%	57.20%
RS-2	63.00%	3.20%	66.20%
RS-2p	63.00%	3.20%	66.20%
HFRA	65.00%	5.00%	70.00%

## ASPHALT PRICE ADJUSTMENT APPENDIX

HFMS-2	65.00%	10.20%	75.20%
HFMS-2gh	75.00%	3.00%	78.00%
HFMS-2h	65.00%	3.20%	68.20%
HFRS-2	63.00%	3.20%	66.20%
HFRS-2p	63.00%	3.20%	66.20%
HFMS-2h Tack coat	40.00%	0.20%	40.20%
RS-1h (Rapid breaking tack)	55.00%	0.20%	55.20%
CSS-1h Tack Coat	57.00%	0.20%	57.20%
PG 64-22 (AC-20 w/ fiber crack fill)	95.00%	0	95.00%
18-64	100.00%	0	100.00%
Polymer Crack fill (ASTM D6690)	56.00%	0	56.00%
MC 30	100.00%	2.00%	102.00%
DEC 50	25.00%	25.00%	50.00%

\*Fuel Allowance represents an allowance for energy (fuel, electricity, natural gas) used in the production of Asphalt. It is a cost associated with the material and not intended to represent any trucking or hauling of the material.

\*\* The % Asphalt shall be computed separately using the conversion factors for the individual Asphalt mixture used.

\*\* The total % Asphalt + Fuel Allowance will vary depending on the % Asphalt used.

### **EXAMPLE BITUMINOUS ASPHALT PRICE ADJUSTMENT CALCULATION**

Item being adjusted: 9.5 F2 Top Course (< 0.3 M ESAL's)

Base Index Price = \$615.00 per Ton

New Average Price = \$750.00 per Ton

Total % Asphalt plus Fuel = 6.20% + 1.00% = 7.2%

$(\$750.00 - \$615.00) \times 0.072 = +\$9.72 \text{ per Ton}$

### **EXAMPLE ASPHALT EMULSION PRICE ADJUSTMENT CALCULATION**

Item being adjusted: Hand spray using HFRS-2p (Polymer Modified High Float Rapid Setting Asphalt Emulsion)

Base Index Price = \$615.00 per Ton

New Average Price = \$750.00 per Ton

Total % Asphalt plus Fuel = 63.00% + 3.20% = 66.20%

$(\$750.00 - \$615.00) \times 0.6620 = +\$0.38 \text{ per Gallon}$

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**Note:** All materials with identical numbers preceding the decimal and identical first and second number after the decimal receive the price adjustment shown for the base material.

Positive Price Adjustment number shall be added to original bid price per Ton.

## ASPHALT PRICE ADJUSTMENT APPENDIX

Negative Price Adjustment number shall be subtracted from original bid price per Ton.

Price adjustments allowed by this contract shall be calculated and applied to the original unit bid prices. **There will not be price adjustments unless the calculated adjustment results in more than \$0.10 per Ton from the original unit bid price for Hot Mix Asphalt (HMA) and Warm Mix Asphalt (WMA), and \$0.01 for Asphalt Emulsions and Paver Placed Surface Treatment (NOVA CHIP).** In instances where the calculated adjustment is less than these values, prices will revert back to the original bid unit prices.

All price adjustments shall be computed to two (2) decimal places.

Should these provisions result in a price structure which becomes unworkable, detrimental, or injurious to the County, in unit prices which are not truly reflective of market conditions, or which are deemed by the Monroe County Director of Transportation to be unreasonable or excessive, and no adjustment in price is mutually agreeable, the Monroe County Director of Transportation reserves the sole right upon ten (10) days written notice mailed to the Vendor(s)/Contractor(s) to terminate any contract resulting from this bid opening.

Monthly price adjustment shall be published by Monroe County and issued to all contract holders, whose responsibility it will be to attach the appropriate Monroe County notification (based on when the work was performed) to the payment invoice submitted to Agency.

Work performed after expiration of the contract, where no extension has been granted, resulting from purchase orders placed prior to expiration of the contract, will receive monthly price adjustments based on the monthly average price in effect during the last month of the contract.

Monthly price adjustments for any contracts that are extended will be based on the new average for the month in which the work is completed applying the same Base Index Price established for that contract.

## ITEM 1 HOT MIX ASPHALT (HMA) AND WARM MIX ASPHALT (WMA)

### **DESCRIPTION**

Vendor shall provide Hot Mix Asphalt (HMA) and/or Warm Mix Asphalt (WMA) pavement material at the Vendor's Plant.

### **MATERIALS**

All materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 400 Asphalt Mixture and Pavement, with the following exceptions:

The aggregate gradation for the following mixes shall be as follows:

Sieve	Flexible Overlay (Smooth Seal)	Flexible Top (County Top)	MC1 Binder (County #1)
	% Passing	% Passing	% Passing
1"		100	100
1/2"	100	95 – 100	90 – 100
1/4"	90 – 100	78 – 98	60 – 85
1/8"	65 – 85	34 – 58	42 – 72
# 20	30 – 45	12 – 30	18 – 42
# 40	18 – 35	6 – 22	12 – 32
# 80	8 – 15	4 – 12	6 – 18
# 200	3 - 8	2 – 6	2 - 18
Asphalt Content %	6.0 – 8.0	5.7 – 6.7	5.0 – 6.5

The following mixes shall be produced utilizing performance graded (PG) binders meeting the criteria for PG 64-22:

- True & Leveling F9 (< 0.3 M ESAL's)
- Shim Course F9 (< 0.3 M ESAL's)
- 6.3 F2 Top Course (< 0.3 M ESAL's)
- 9.5 F2 Top Course (< 0.3 M ESAL's)
- 12.5 F2 Top Course (< 0.3 M ESAL's)
- 19 F9 Binder Course (< 0.3 M ESAL's)
- 25 F9 Binder Course (< 0.3 M ESAL's)
- 37.5 F9 Base Course (< 0.3 M ESAL's)

### **ASPHALT PRICE ADJUSTMENTS**

Asphalt price adjustments will be made according to the provisions provided in the asphalt adjustment Appendix.

## **ITEM 1 HOT MIX ASPHALT (HMA) AND WARM MIX ASPHALT (WMA)**

### **BASIS OF AWARD**

The Agency will select the Vendor for each project based upon the lowest total cost of the following elements:

1. Round trip distance (in miles) from the asphalt Plant to the midpoint of the project multiplied by \$0.65 per Ton of asphalt per mile.
2. Material cost.
3. Production rate of asphalt material for project at the Plant.
4. The Agency reserves the right to select the Vendor for projects that do not require a paver and/or are less than 200 tons per day.

### **QUALIFICATION OF BIDDER**

No bid will be considered unless the Bidder meets the following conditions:

1. Bidder owns or leases, manages, and controls a plant adequate for and devoted to the manufacture of the item which it proposes to furnish.
2. Material furnished under this contract shall be produced in an approved bituminous mixing plant meeting the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications, Section 401 Plant Production, Section 404 Asphalt Pavements, and Section 406 Asphalt Pavement with Polymer Fibers. An approved plant shall be in operation at the location indicated by the Bidder herein within the twelve (12) month period prior to the bid opening date.
3. Bidder must indicate plant location(s) and/or the NYSDOT Facility number from which material will be supplied on the Invitation for Bids. If bidding for multiple plant locations, submit an individual sheet per plant.

### **METHOD OF MEASUREMENT:**

The quantity of asphalt material to be paid for shall be measured by the Ton. All items shall be available as either Hot Mix Asphalt (HMA) or Warm Mix Asphalt (WMA), as directed by the Agency.

Add-On Items shall be an additional cost per Ton added to the unit bid price of asphalt material.

### **BASIS OF BID**

Unit bid price shall be per Ton and shall include all costs of furnishing and loading the material into the Agency's trucks at the Vendor's Plant.

It will be required that reasonable quantities of all asphalt mixes bid upon shall be available at all times during the term of the contract.

**ITEM 1 HOT MIX ASPHALT (HMA) AND WARM MIX ASPHALT (WMA)****BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Type MC1 Binder Course (County #1 Binder)	Ton
Flexible Overlay (Smooth Seal)	Ton
Flexible Top (County Top)	Ton
True & Leveling F9 (< 0.3 M ESAL's)	Ton
Shim Course F9 (< 0.3 M ESAL's)	Ton
6.3 F2 Top Course (< 0.3 M ESAL's)	Ton
9.5 F2 Top Course (< 0.3 M ESAL's)	Ton
12.5 F2 Top Course (< 0.3 M ESAL's)	Ton
19 F9 Binder Course (< 0.3 M ESAL's)	Ton
25 F9 Binder Course (< 0.3 M ESAL's)	Ton
37.5 F9 Base Course (< 0.3 M ESAL's)	Ton

<b>Option A</b>	<b>Option B</b>
<b>Hot Mix Asphalt (HMA)</b>	<b>Warm Mix Asphalt (WMA)</b>

**TABLE II – Add-On Items**

<b>Allowable Additions per Ton</b>	<b>Unit Price</b>
<b>Polymers:</b> Addition of Polymers to any of the asphalt material items listed above.	Per Ton
<b>Fibers:</b> Addition of Fibers to any of the asphalt material items listed above.	Per Ton



**DESCRIPTION**

Vendor shall provide a Plant Mixed Asphalt Patching Material capable of storage in a stockpile composed of mineral aggregates, bituminous materials, and polymer fibers. The mix provided shall conform to one of the asphalt mixtures described in the Table of Composition herein, as directed by the Agency.

Regardless of the material provided, it shall be uniform, workable, and have satisfactory setting properties at the time of delivery.

**MATERIALS**

Patching material shall be produced using asphalt batch plants in accordance meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 401 Plant Production, with the following exceptions:

1. *Aggregates* – Fine aggregate shall conform to the requirements of the current version of NYSDOT Section 703-01 Fine Aggregate. Course aggregate shall conform to the requirements of the current version of NYSDOT Section 703-02 Coarse Aggregate. Crushed stone, crushed gravel, or approved crushed slag may be used.
2. *Mineral Filler* – Mineral filler, if used, shall conform to the requirements of the current version of NYSDOT Section 703-08 Mineral Filler.
3. *Bituminous Materials* – Bituminous materials shall conform to the requirements of the current version of NYSDOT Section 702 Bituminous Materials. The Vendor may elect to use an alternative bituminous material with or without modifying agents; prior approval shall be obtained from the Agency for the use of alternative materials. For any bituminous material not listed in NYSDOT Section 702 Bituminous Materials, the Vendor shall provide specifications for the alternative material to the Agency for approval.
4. *Anti-Stripping Mixtures* – An anti-stripping agent approved by the Agency shall be used as needed to meet the stripping test requirements. This may be incorporated with the bituminous material at the refinery or at the mixing plant.

*Composition or Mixtures* – The aggregate gradation, fiber, and bituminous material quantities shall meet the requirements noted below:

The Vendor shall submit a Job Mix Formula (JMF) on forms available at the NYSDOT Regional Offices. The following information shall be provided with the JMF submission:

- Aggregate gradation band and aggregate types.
- *Bituminous Material* – amount and type.
- *Fiber Material* – description and quantity.
- Description and quantities of additives, if used.
- Temperature ranges for material preparation.

**ITEM 2****PLANT MIXED ASPHALT PATCHING MATERIAL**

The JMF shall be submitted to the Agency for approval. The JMF shall be approved by the Agency and received by the Vendor prior to the production of any mixture.

**TABLE OF COMPOSITION  
FIBER REINFORCED ASPHALT PATCHING MIXTURES  
GENERAL LIMITS AND JOB MIX FORMULA TOLERANCES**

<b>Sieve Size</b>	<b>Coarse Mix</b>		<b>Intermediate Mix</b>		<b>Fine Mix</b>	
	<b>% Passing</b>	<b>Tol (1)</b>	<b>% Passing</b>	<b>Tol (1)</b>	<b>% Passing</b>	<b>Tol (1)</b>
1"	100	-				
1/2"	95 - 100	-	100	-	100	-
1/4"	55 - 75	+5	90 - 100	-	90 - 100	-
1/8"	15 - 40	±6	12 - 40	±6	35 - 60	±6
#80	0 - 5	±2	0 - 5	±2	2 - 10	±3
#200	-		-		0 - 5	±2
Bituminous Material	4.0 - 7.5	±0.4	4 - 8	± 0.4	5.5 - 8.0	± 0.4

Notes:

1. All aggregate percentages are based on the total weight of the aggregate.
2. Bituminous material percentage is based on the total weight of the mix and shall include any additives.

*Preparation of Mixtures* – The aggregate shall be introduced into the pugmill at a temperature to eliminate free moisture on the aggregate surface. The mixture temperature shall be no greater than 212°F. The net mixing time shall be sufficient to ensure uniform coating after all materials are in the pugmill. Preparation of the mixture shall conform to the requirements of the current version of NYSDOT Section 401 Plant Production, except that automatic proportioning and recording equipment is not required.

*Inspection, Testing & Acceptance* – The Vendor shall contact the Agency plant to arrange for an independent testing firm to inspect the preparation of mixtures. If inspection is not performed at the time of mixture preparation, samples from the stockpile shall be tested by the Agency to determine the acceptability of the mixture prior to use for patching.

The following stripping test shall be conducted on the plant mixed material:

*Stripping Test* – A suitable size sample of the plant mixed material shall be permitted to cure at normal laboratory temperature for at least 24 hours after which it shall be placed in a glass jar, fitted with a tight cover, and completely covered with distilled water. The jar and contents shall then be allowed to stand for a period of 24 hours at normal laboratory temperature (approximately 70°F). The sample shall then be shaken vigorously for a period of 15 minutes. The water shall then be poured from the jar and the sample removed to a flat surface and be permitted to air dry after which it shall be visually examined for stripping of the bituminous film from the aggregate. The aggregate surfaces shall be at

**ITEM 2****PLANT MIXED ASPHALT PATCHING MATERIAL**

least 90 percent coated with bituminous film. Fibers stripped of bituminous material shall not be included as part of the determination of bituminous material stripping from aggregate surfaces.

The initial approval or the initial acceptance of material shall in no way preclude further examination and testing if unsatisfactory results are achieved. The acceptance at any time shall not bar its future rejection.

**METHOD OF MEASUREMENT**

The Plant Mixed Asphalt Patching Material quantity shall be measured by the Ton.

**BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Plant Mixed Asphalt Patching Material	Ton

## ITEM 3

## MODIFIED ASPHALT PATCHING MATERIAL

### **DESCRIPTION**

Vendor shall provide a Modified Plant Mixed Asphalt Patching Material capable of bulk storage in a stockpile composed of mineral aggregates, bituminous materials, and polymer fibers. The Modified Packaged (Bagged/Bucket) Asphalt Patching Material shall meet all the criteria of the bulk mix. The mix provided shall conform to one of the asphalt mixtures described in the Table of Composition herein, as directed by the Agency.

Regardless of the material provided, it shall be uniform, workable, and have satisfactory setting properties at the time of delivery.

### **MATERIALS**

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 401, latest revision, except as modified herein.

1. *Aggregates* – Fine aggregate shall conform to the requirements of the current version of NYSDOT Section 703-01 Fine Aggregate. Course aggregate shall conform to the requirements of the current version of NYSDOT Section 703-02 Coarse Aggregate. Crushed stone, crushed gravel, or approved crushed slag may be used.
2. *Mineral Filler* – Mineral filler, if used, shall conform to the requirements of the current version of NYSDOT Section 703-08 Mineral Filler.
3. *Bituminous Materials* – Bituminous materials shall be on the NYSDOT Approved List of Bituminous Material Used for Modified Stockpile Patching Materials, or approved equal.
4. *Anti-Stripping Mixtures* – An anti-stripping agent approved by the Agency shall be used as needed to meet the stripping test requirements. This may be incorporated with the bituminous material at the refinery or at the mixing plant.

*Composition or Mixtures* – The aggregate gradation, fiber, and bituminous material quantities shall meet the requirements noted below:

The Vendor shall submit a Job Mix Formula (JMF) on forms available at the NYSDOT Regional Offices. The following information shall be provided with the JMF submission:

- Aggregate gradation band and aggregate types.
- *Bituminous Material* – amount and type.
- *Fiber Material* – description and quantity.
- Description and quantities of additives, if used.
- Temperature ranges for material preparation.

The JMF shall be submitted to the Agency for approval. The JMF shall be approved by the Agency and received by the Vendor prior to the production of any mixture.

### **TABLE OF COMPOSITION**

**FIBER REINFORCED ASPHALT PATCHING MIXTURES  
GENERAL LIMITS AND JOB MIX FORMULA TOLERANCES**

Sieve Size	Coarse Mix		Intermediate Mix		Fine Mix	
	% Passing	Tol (1)	% Passing	Tol (1)	% Passing	Tol (1)
1"	100	-				
1/2"	95 - 100	-	100	-	100	-
1/4"	55 - 75	+5	90 - 100	-	90 - 100	-
1/8"	15 - 40	±6	12 - 40	±6	35 - 60	±6
#80	0 - 5	±2	0 - 5	±2	2 - 10	±3
#200	-		-		0 - 5	±2
Bituminous Material	4.0 - 7.5	±0.4	4 - 8	± 0.4	5.5 - 8.0	± 0.4

## Notes:

1. All aggregate percentages are based on the total weight of the aggregate.
2. Bituminous material percentage is based on the total weight of the mix and shall include any additives.

*Preparation of Mixtures* – The aggregate shall be introduced into the pugmill at a temperature to eliminate free moisture on the aggregate surface. The mixture temperature shall be no greater than 212°F. The net mixing time shall be sufficient to ensure uniform coating after all materials are in the pugmill. Preparation of the mixture shall conform to the requirements of the current version of NYSDOT Section 401 Plant Production, except that automatic proportioning and recording equipment is not required.

*Inspection, Testing & Acceptance* – The Vendor shall contact the Agency plant to arrange for an independent testing firm to inspect the preparation of mixtures. If inspection is not performed at the time of mixture preparation, samples from the stockpile shall be tested by the Agency to determine the acceptability of the mixture prior to use for patching.

The following stripping test shall be conducted on the plant mixed material:

*Stripping Test* – A suitable size sample of the plant mixed material shall be permitted to cure at normal laboratory temperature for at least 24 hours after which it shall be placed in a glass jar, fitted with a tight cover, and completely covered with distilled water. The jar and contents shall then be allowed to stand for a period of 24 hours at normal laboratory temperature (approximately 70°F). The sample shall then be shaken vigorously for a period of 15 minutes. The water shall then be poured from the jar and the sample removed to a flat surface and be permitted to air dry after which it shall be visually examined for stripping of the bituminous film from the aggregate. The aggregate surfaces shall be at least 90 percent coated with bituminous film. Fibers stripped of bituminous material shall not be included as part of the determination of bituminous material stripping from aggregate surfaces.

**ITEM 3****MODIFIED ASPHALT PATCHING MATERIAL**

The initial approval or the initial acceptance of material shall in no way preclude further examination and testing if unsatisfactory results are achieved. The acceptance at any time shall not bar its future rejection.

**METHOD OF MEASUREMENT**

The Modified Plant Mixed Asphalt Patching Material quantity shall be measured by the Ton.

The Modified Packaged (Bagged/Bucket) Asphalt Patching Material quantity shall be measured by the Pound (LB).

**BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Modified Plant Mixed Asphalt Patching Material	Ton
Modified Packaged (Bagged/Bucket) Asphalt Patching Material	Pound (LB)

## **ITEM 4 RECLAIMED ASPHALT PAVEMENT (RAP)/MILLINGS & CREDIT**

### **DESCRIPTION**

Vendor shall provide processed Reclaimed Asphalt Pavement (RAP)/Millings material at the Vendor's plant, pit, or quarry.

Alternatively, Vendor shall provide a Credit for asphalt millings accepted from the Agency at the Vendor's plant, pit, or quarry.

### **MATERIALS**

All materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 490 Cold Milling.

RAP/Milling material provided by the Vendor shall consist of exclusively milled and processed asphalt pavement free from soil organics or other deleterious materials. The material gradation shall meet one of the following categories:

- 1" RAP/Millings
- 9/16" RAP/Millings
- 3/8" RAP/Millings

### **METHOD OF MEASUREMENT**

The quantity of RAP/Millings material to be paid for (or credited) shall be measured by the Ton.

The Asphalt Millings Credit shall be applied to the same invoice as Hot Mix Asphalt (HMA) / Warm Mix Asphalt (WMA), whenever possible, on a per project basis as directed by the Agency.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
1" Reclaimed Asphalt Pavement (RAP)/Millings	Ton
9/16" Reclaimed Asphalt Pavement (RAP)/Millings	Ton
3/8" Reclaimed Asphalt Pavement (RAP)/Millings	Ton
Asphalt Millings Credit	Ton

## ITEM 5 MATERIAL HAULING

### **DESCRIPTION**

This item shall include the hauling of construction materials from the Vendor's plant, pit, or quarry to any point in Monroe County. Construction materials may include the Asphalt Mixes, Stone Aggregates, Topsoil, Fill Material, and/or Sand as included in various other items in this bid package. Material Hauling (transportation) costs shall be based on two (2) unit prices; one unit price for hauling Up to 1 Mile, and one unit price for any additional hauling (one way) Over 1 Mile.

For loading, hauling, and delivery of stone fill (heavy) a Fixed Price per Ton will be added to the bid price for the material.

### **MATERIALS**

Material costs are included in other Asphalt Mixes, Stone Aggregates, Topsoil, Fill Material, and/or Sand items as part of this bid package.

### **DELIVERY REQUIREMENT**

This Material Hauling Item shall only be used for a single **delivery load size of 10 Tons or greater.**

### **METHOD OF MEASUREMENT**

The quantity for payment will be based on the actual miles traveled one way; for each Ton or CY of material delivered. The material unit cost and the material hauling unit cost shall be paid by the same unit.

For loading, hauling, and delivery of stone fill (heavy), a Fixed Price per Ton contained in the Proposal shall be added to the unit bid price for the material hauling. This price is to cover the additional labor, equipment, and handling costs associated with loading of the heavy stone fill into specific trucks, as well as the delivery of the material to the project site. The special loading, hauling, and delivery charge shall be added to each Ton of material delivered. **This additional Fixed Price per Ton in the Proposal only applies to the hauling of the stone fill (heavy).**

### **BASIS OF BID**

1. The Up to 1 Mile unit bid price will be the price (per Ton or CY) for any distance traveled up to and including one (1) mile. This Up to 1 Mile material hauling bid price will be **added to the material cost.** The final amount will constitute the cost to deliver one (1) Ton of material up to one mile (one way).
2. The Over 1 Mile unit bid price will be the price (per Ton or CY) for any distance traveled after the first mile. This Over 1 Mile material hauling bid price shall be multiplied by the total number of miles (less the first mile), added to the bid price for Up to 1 Mile, **and then added to the material cost.** This final amount will constitute the cost to deliver one (1) Ton of material the total number of miles (one way).



## ITEM 5 MATERIAL HAULING

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Material Hauling (Asphalt Mix Items) – Up to 1 Mile per Ton of Material	Ton
Material Hauling (Asphalt Mix Items) – Over 1 Mile per Ton of Material	Ton
Material Hauling (Aggregate Items) – Up to 1 Mile per Ton of Material	Ton
Material Hauling (Aggregate Items) – Over 1 Mile per Ton of Material	Ton
Material Hauling (Aggregate Items) – Up to 1 Mile per CY of Material	Cubic Yard (CY)
Material Hauling (Aggregate Items) – Over 1 Mile per CY of Material	Cubic Yard (CY)
Material Hauling and Loading for Stone Fill (Heavy) <b>ONLY</b> (Additional Charge per Ton of Material)	<b>Fixed Price</b> <b>\$14.00/Ton</b>

**ITEM 6****BITUMINOUS MATERIAL (LIQUID) TACK COAT****DESCRIPTION**

Vendor shall provide Bituminous Material (Liquid) Tack Coat in five (5) Gallon buckets/pails at the Vendor's plant.

**MATERIALS**

Materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 702 Bituminous Materials.

The Vendor shall have a minimum of ten (10) five (5) Gallon buckets/pails of Bituminous Material (Liquid) Tack Coat available for order at all times.

**METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) five (5) Gallon bucket/pail.

**BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Bituminous Material (Liquid) Tack Coat – 5 Gallon Bucket/Pail	Each (EA)

**ITEM 7****STONE AGGREGATES (QUARRY & GRAVEL PIT)****DESCRIPTION**

Vendor shall provide Stone Aggregate material at the Vendor's Quarry and/or Gravel Pit.

**MATERIALS**

Materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 304 Subbase Course, Section 623 Screened Gravel, Crushed Gravel, Crushed Stone, Crushed Slag, and Section 703-02 Coarse Aggregate.

Items specified as "washed" shall conform to the provisions of Table 703-3 Coarse Aggregate Physical Requirements (Deleterious Materials), and Footnote 3 as it pertains to "surface treatments and cold mix bituminous pavements."

Items specified as 3/8W, CR-5/8, CR-1, CR-2, refer to maximum aggregate size of 3/8", 5/8", 1", and 2", respectively.

Items specified as "crusher run" shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 203 Excavation and Embankment and Section 302 Bituminous Stabilized Course with the exception that the usage of crushed concrete and masonry products will be allowed for the creation of Recycled Concrete.

**METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Ton.

**BASIS OF BID**

Unit bid price shall be per Ton and shall include all costs of furnishing and loading the material into the Agency's trucks at the Vendor's Quarry or Gravel Pit.

It will be required that reasonable quantities of all Stone Aggregate sizes bid upon shall be available at all times during the term of the contract.

The County also requests a unit price per Ton for plant mixing of Stone Aggregates to facilitate a specific gradation of sized aggregates as determined by the Agency.

**BASIS OF AWARD**

The Agency will select the Vendor for each project based upon the lowest total cost of the following elements:

1. Round trip distance (in miles) from the Quarry or Gravel Pit to the midpoint of the project multiplied by \$0.65 per Ton of Stone Aggregate per mile.
2. Material cost.

**ITEM 7****STONE AGGREGATES (QUARRY & GRAVEL PIT)**

3. The Agency reserves the right to select the Vendor based on material quality, quantity, and availability for each project.

**BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
5/8" Crushed Stone	Ton
5/8" Crusher Run	Ton
#1 Crushed Stone	Ton
#1 Crusher Run	Ton
#2 Crushed Stone	Ton
#2 Crusher Run	Ton
#3 Crusher Run	Ton
Crushed Stone Screenings	Ton
#1 Washed Crushed Stone	Ton
#1A Stone	Ton
3/8" Washed Stone	Ton
#1A Washed Stone	Ton
#1B Stone	Ton
#1B Washed Stone	Ton
#1 ST Washed Stone	Ton
#1 & #2 Stone (Dry)	Ton
#1 & #2 Stone (Washed)	Ton
#2 Stone	Ton
#2 Washed Stone	Ton
#3 Stone	Ton
#4 Stone	Ton
#4A Stone	Ton
#5 Stone	Ton
Screened Gravel	
Recycled Concrete	Ton
Stone Filling (Fine)	Ton
Stone Filling (Light)	Ton
Stone Filling (Medium)	Ton
Stone Filling (Heavy)	Ton
Rip Rap	Ton
Mixing of Aggregates	Ton

## **ITEM 8        TOPSOIL**

### **DESCRIPTION**

Vendor shall provide screened and/or unscreened Topsoil material at the Vendor's Quarry or Pit.

### **MATERIALS**

Materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 713-01 Topsoil.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Ton, where an approved scale is available. If an approved scale is not available, a Cubic Yard (CY) price will be accepted.

### **BASIS OF BID**

Unit bid price shall be per Ton and Cubic Yard (CY), and shall include all costs of furnishing and loading the material into the Agency's trucks at the Vendor's Quarry or Pit.

A separate Material Hauling price per Ton or Cubic Yard (CY) for Vendor hauling will be bid as a separate item and added to the material price in this specification, if applicable.

### **BASIS OF AWARD**

Due to the variable project locations and availability of Topsoil throughout the construction season, the Agency will select the Vendor based upon the closest location of the Vendor material stockpile and the availability of dry, quality Topsoil meeting the specifications and the quantity requirements of the project.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Topsoil – Screened	Ton
Topsoil – Screened	Cubic Yard (CY)
Topsoil – Unscreened	Ton
Topsoil – Unscreened	Cubic Yard (CY)

**ITEM 9****FILL DIRT MATERIAL****DESCRIPTION**

Vendor shall provide Fill Dirt Material at the Vendor's Quarry or Pit.

**MATERIALS**

In general, this material shall consist of mineral (inorganic) soil. Such soil shall not contain organic material or solids (stones) larger than 6 inches. Material shall be subject to the approval of the Agency.

**METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Ton, where an approved scale is available. If an approved scale is not available, a Cubic Yard (CY) price will be accepted.

**BASIS OF BID**

Unit bid price shall be per Ton and Cubic Yard (CY), and shall include all costs of furnishing and loading the material into the Agency's trucks at the Vendor's Quarry or Pit.

A separate Material Hauling price per Ton or Cubic Yard (CY) for Vendor hauling will be bid as a separate item and added to the material price in this specification, if applicable.

**BASIS OF AWARD**

Due to the variable project locations and availability of Fill Dirt Material throughout the construction season, the Agency will select the Vendor based upon the closest location of the Vendor material stockpile and the availability of dry, quality Fill Dirt Material meeting the specifications and the quantity requirements of the project.

**BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Fill Dirt Material	Ton
Fill Dirt Material	Cubic Yard (CY)

## ITEM 10

## COMPOST TOPSOIL

### **DESCRIPTION**

Vendor shall provide Compost Topsoil at the Vendor's Quarry or Pit.

### **MATERIALS**

Materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 713-15 Compost.

Topsoil component ratios will vary according to the designated use of this mixture.

The following is an ideal mixture:

- 2 parts topsoil (sandy)
- 1 part organic material (compost)

The particle size of the sand should be consistently a medium sand with less than 15% fine sand or coarse sand.

The material shall meet the following criterion:

DESCRIPTION	PARTICLE SIZE	%
Gravel	Greater than 3 mm	0
Fine Gravel	2 – 3 mm	0
Very Coarse Sand	1 – 2 mm	Max 10% above 1 mm
Coarse Sand	0.5 – 1 mm	Min 65% between 0.25 and 1 mm
Medium Sand	0.25 – 0.5 mm	Min 65% between 0.25 and 1 mm
Fine Sand	0.05 – 0.1 mm	Less than 25% below 0.25 mm
Very Fine Sand	0.05 – 0.1 mm	Less than 25% below 0.25 mm
Silt	0.002 – 0.05 mm	Less than 5%
Clay	Less than 0.002 mm	Less than 3%
Bulk Density	1.2 – 1.6 g/cm	
Porosity	Total 40 – 55% of water	Non-capillary minimum 15%
Infiltration Rate	4 – 10 in/hour @ 40 cm water	
pH	5.5 – 6.5	

**Bidders shall include the pH spec when submitting bids for this material.** Bulk density, porosity, and infiltration rate specs may drive prices high. Specification may be relaxed to include a coarse sand, but steer clear of fine sands, silts, and clays as they tend to compact. A mixture of this quality will be a premium mix.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Ton, where an approved scale is available. If an approved scale is not available, a Cubic Yard (CY) price will be accepted.

**ITEM 10****COMPOST TOPSOIL****BASIS OF BID**

Unit bid price shall be per Ton and Cubic Yard (CY), and shall include all costs of furnishing and loading the material into the Agency's trucks at the Vendor's Quarry or Pit.

A separate Material Hauling price per Ton or Cubic Yard (CY) for Vendor hauling will be bid as a separate item and added to the material price in this specification, if applicable.

**BASIS OF AWARD**

Due to the variable project locations and availability of Compost Topsoil throughout the construction season, the Agency will select the Vendor based upon the closest location of the Vendor material stockpile and the availability of dry, quality Compost Topsoil meeting the specifications and the quantity requirements of the project.

**BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Compost Topsoil	Ton
Compost Topsoil	Cubic Yard (CY)



**ITEM 11****SELECT STRUCTURAL FILL MATERIAL****DESCRIPTION**

Vendor shall provide Select Structural Fill Material at the Vendor's Quarry or Pit.

**MATERIALS**

Materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 733-11 Select Granular Fill.

**METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Ton, where an approved scale is available. If an approved scale is not available, a Cubic Yard (CY) price will be accepted.

**BASIS OF BID**

Unit bid price shall be per Ton and Cubic Yard (CY), and shall include all costs of furnishing and loading the material into the Agency's trucks at the Vendor's Quarry or Pit.

A separate Material Hauling price per Ton or Cubic Yard (CY) for Vendor hauling will be bid as a separate item and added to the material price in this specification, if applicable.

**BASIS OF AWARD**

The County or a local municipal subdivision will select the vendor based upon the lowest total cost of the following elements:

1. Round trip distance (in miles) from the Vendor's Quarry or Pit to the midpoint of the project multiplied by \$0.65 per Ton or Cubic Yard (CY) of material per mile.
2. Material cost.
3. The Agency reserves the right to select the Vendor based on material quality and quantity for each given project.

**BASIS OF PAYMENT**

Payment will be made under:

DESCRIPTION	UNIT
Select Structural Fill	Ton
Select Structural Fill	Cubic Yard (CY)

**ITEM 12****SAND MATERIAL****DESCRIPTION**

Vendor shall provide Sand material at the Vendor's Quarry or Pit.

**MATERIALS**

Materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 703-03 Mortar Sand, Section 703-04 Grout Sand, and Section 703-07 Concrete Sand. Snow and Ice Control Sand, Abrasive Gradations A & B, shall meet the detailed specifications of the current contract award for New York State Office of General Services Group 33700 Fine and Coarse Aggregates (Statewide). Material descriptions, sizes, and uses are summarized below:

<b>NYSDOT Spec #</b>	<b>Material</b>	<b>Material Size Range &amp; Miscellaneous Notes</b>		<b>Material Use</b>
703-03	Mortar Sand	Sieve Size	% Passing by Weight	Fine sand for use in making mortar for masonry work.
		No. 4	100	
		No. 8	95 - 100	
		No. 50	10 - 40	
		No. 100	0 - 15	
		<i>Concrete sand is a permitted alternate</i>		
703-04	Grout Sand	Sieve Size	% Passing by Weight	Fine sand for use in making grout.
		No. 16	100	
		No. 100	0 - 10	
703-07	Concrete Sand	Percent Passing by Weight		Sand for use in making Portland cement concrete.
		Sieve Size	Min Max	
		3/8"	100 -	
		No.	90 100	
		No.	75 100	
		No.	50 85	
		No.	25 60	
		No.	10 30	
			1 10	
			0 3	

**ITEM 12****SAND MATERIAL**

Snow and Ice Control Sand	Abrasive Gradation A	#200 - 3/8"	Abrasive used to treat snow and ice on pavements.
Snow and Ice Control Sand	Abrasive Gradation B	#200 - 3/8"	Abrasive used to treat snow and ice on pavements.

**METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Ton.

**BASIS OF BID**

Unit bid price shall be per Ton, and shall include all costs of furnishing and loading the material into the Agency's trucks at the Vendor's Quarry or Pit.

A separate Material Hauling price per Ton for Vendor hauling will be bid as a separate item and added to the material price in this specification, if applicable.

**BASIS OF AWARD**

The County or a local municipal subdivision will select the vendor based upon the lowest total cost of the following elements:

1. Round trip distance (in miles) from the Quarry or Gravel Pit to the midpoint of the project multiplied by \$0.65 per Ton of Sand per mile.
2. Material cost.
3. The Agency reserves the right to select the Vendor based on material quality, quantity, and availability for each project.

**BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Mortar Sand	Ton
Grout Sand	Ton
Concrete Sand	Ton
Snow and Ice Control Sand – Abrasive Gradation A	Ton
Snow and Ice Control Sand – Abrasive Gradation B	Ton

## ITEM 13 BAGGED MASONRY ITEMS

### **DESCRIPTION**

Vendor shall furnish and deliver Bagged Masonry Material to any point in Monroe County.

### **MATERIALS**

Materials shall meet the following requirements, or approved equal:

*Concrete Mix – 80 lb Bag* – 80 lb bags of Quikrete® Concrete Mix 1101-80.

*Portland Cement – 94 lb Bag* – 94 lb bags of Lehigh Heidelberg Cement Group Portland Cement. Material shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 701-01 Portland Cement, Type 2.

*Mortar Mix – 80 lb Bag* – Quikrete® Mortar Mix 1102-80. Material shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 701-01 Portland Cement, Type 2.

*Type S Pre Blended Mortar Mix (ASTM C270) – 80 lb Bag* – 80 lb bags of Quikrete® 0DM. Material shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 701-01 Portland Cement, Type 2 and ASTM C270 Mortar for Unit Masonry and C1714 Preblended Dry Mortar Mix for Unit Masonry.

*Super 5000 Concrete Mix – 80 lb Bag* – 80 lb bags of Quikrete® Q5000 High Early Strength Concrete Mix 1007-80. The material shall have a minimum compressive strength of 5,000 psi after 28 days.

*Speed Crete Red Line – 50 lb Bag* – 50 lb bags of Euclid Chemical Rapid-Setting, Repair Material for vertical repairs. Initial set shall occur within 8 to 20 minutes and final set shall occur within 30 minutes. Typical minimum compressive strengths are listed below:

AGE	COMPRESSIVE STRENGTH
1 DAY	2,550 PSI
7 DAYS	4,000 PSI
28 DAYS	5,700 PSI

*Speed Crete Green Line – 50 lb Bag* – 50 lb bags of Euclid Chemical Fast-Setting, Semi-Flowable, Cement Based Repair Mortar for horizontal repairs or SikaQuick®-2500 Very Rapid Hardening, Repair Mortar. Initial set shall occur within 6 to 15 minutes and final set shall occur within 20 minutes. Repaired areas may open to traffic in one hour. Typical minimum compressive strengths are listed below:

AGE	COMPRESSIVE STRENGTH
1 HOUR	2,000 PSI
1 DAY	4,000 PSI
28 DAYS	6,000 PSI

## ITEM 13 BAGGED MASONRY ITEMS

*Speed Crete Blue Line – 50 lb Bag* – 50 lb bags of Euclid Chemical Rapid-Setting, Cement Based Repair Mortar for underwater repairs. Initial set shall occur within 3 to 5 minutes with underwater cure. Typical minimum compressive strengths are listed below:

AGE	COMPRESSIVE STRENGTH
1 DAY	3,200 PSI
7 DAYS	4,000 PSI
28 DAYS	6,015 PSI

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) bag. Bag sizes for each item are listed below:

ITEM	WEIGHT
Concrete Mix	80 lb Bag
Portland Cement	94 lb Bag
Mortar Mix	80 lb Bag
Type S Pre Blended Mortar Mix (ASM C270)	80 lb Bag
Super 5000 Concrete Mix	80 lb Bag
Speed Crete Red Line	50 lb Bag
Speed Crete Green Line	50 lb Bag
Speed Crete Blue Line	50 lb Bag

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

### **BASIS OF AWARD**

A separate award will be made for each item. In the event that multiple Bidders provide a bid price for the same item, award will be made to the lowest Bidder.

### **BASIS OF PAYMENT**

DESCRIPTION	UNIT
Quikrete® Concrete Mix – 80 lb Bag	Each (EA)
Portland Cement – 94 lb Bag	Each (EA)
Quikrete® Mortar Mix – 80 lb Bag	Each (EA)

**ITEM 13      BAGGED MASONRY ITEMS**

Type S Pre Blended Mortar Mix (ASM C270) – 80 lb Bag	Each (EA)
Super 5000 Concrete Mix – 80 lb Bag	Each (EA)
Speed Crete Red Line – 50 lb Bag	Each (EA)
Speed Crete Green Line – 50 lb Bag	Each (EA)
Speed Crete Blue Line – 50 lb Bag	Each (EA)

## **ITEM 14      COMMON SEWER BRICK**

### **DESCRIPTION**

Vendor shall furnish and deliver of Common Sewer Brick and/or Highway Common Brick – Half Height to any point in Monroe County.

### **MATERIALS**

Common Sewer Brick materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 704-01 Common Brick and ASTM C32 Grade MS, including the requirement for saturation coefficient. Common brick shall be solid.

Highway Common Brick – Half Height materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 704-01 Common Brick. Dimensions shall be 8" length x 4" width x 1 1/3" height.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) brick. Purchases of these items shall be by the Pallet. Pallet sizes are listed below:

- *Common Sewer Brick* – Item shall include 525 bricks per Pallet.
- *Highway Common Brick – Half Height* – Item shall include 825 bricks per Pallet.

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 7 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

### **BASIS OF AWARD**

A separate award will be made for each item. In the event that multiple Bidders provide a bid price for the same item, award will be made to the lowest Bidder.

### **BASIS OF PAYMENT**

Payment will be made under:

**ITEM 14      COMMON SEWER BRICK**

<b>DESCRIPTION</b>	<b>UNIT</b>
Common Sewer Brick	Each (EA)
Highway Common Brick – Half Height	Each (EA)



## ITEM 15 PATIO PAVERS

### **DESCRIPTION**

Vendor shall furnish and deliver Patio Pavers to any point in Monroe County.

### **MATERIALS**

Patio Paver materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 704-08 Brick Sidewalk and Driveway Pavers. Dimensions shall be 8" length x 4" width x 2 1/4" height.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) Patio Paver. Purchases of this item shall be by the Pallet. Pallet size shall be 525 Patio Pavers per Pallet.

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 7 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Patio Pavers	Each (EA)

## ITEM 16 DETECTABLE WARNING UNIT (DWU) MATERIALS

### **DESCRIPTION**

Vendor shall furnish and deliver Detectable Warning Unit (DWU) Materials to any point in Monroe County.

### **MATERIALS**

#### **Surface Applied Detectable Warning Units**

Surface Applied Detectable Warning Unit (DWU) materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 726-01 Surface-Applied Detectable Warning Units and shall appear on the current NYSDOT Approved List for Surface-Applied Detectable Warning Units (726-01).

Surface Applied Detectable Warning Units (DWUs) shall conform to the dimensions shown on the current version of NYSDOT Standard Sheet 608-01 Pedestrian Facilities. DWUs shall be composed of cementitious materials, steel, iron, plastics, polymeric materials, resins, pigments, or as approved by the Director of the NYSDOT Materials Bureau. DWUs shall be the color requested by the Agency. DWUs shall provide the required contrast (light-on-dark or dark-on-light) with the adjacent curb ramp or other applicable walkway. DWUs shall be uniform in color and texture, be free of cracks or other defects, and have clean-cut and well-defined edges. DWUs shall adhere to hot mix asphalt (HMA), warm mix asphalt (WMA), or Portland cement concrete (PCC) surfaces at a minimum air temperature of 60°F and a minimum surface substrate temperature of 70°F. DWUs shall be weather resistant and durable to normal pedestrian wear and maintenance activities, and show no appreciable fading, lifting, or shrinkage. DWUs shall be capable of molding or fitting to the contours, breaks, and faults of HMA or PCC surfaces, and show no significant tearing, rollback, lifting, or other signs of poor adhesion. DWUs shall have friction characteristics similar to a broomed PCC surface.

Surface Applied Detectable Warning Units (DWUs) shall meet the following physical properties:

<b>Standard</b>	<b>Property</b>	<b>Results</b>
ASTM C501	Wear Resistance	Wear Index: >15
ASTM C1028	Slip Resistance	Dry Coefficient of friction 0.8 minimum
ASTM E96	Water Vapor Transmission	10 grams/square foot/24 hours
Various	Adhesion/Bonding Strength	See Note*

\*Note: Due to the various types of materials available, the Manufacturer shall certify, through independent laboratory testing, that the type of material used for detectable warnings will bond to a prepared surface.

#### **Embedded Detectable Warning Units**

Embedded Detectable Warning Unit (DWU) materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 726-02 Embedded Detectable Warning Units and shall appear on the current NYSDOT Approved List for Embedded Detectable Warning Units (726-02).

## **ITEM 16      DETECTABLE WARNING UNIT (DWU) MATERIALS**

Embedded Detectable Warning Units (DWUs) shall conform to the dimensions shown on the current version of NYSDOT Standard Sheet 608-01 Pedestrian Facilities. DWUs shall be composed of cementitious materials, steel, iron, plastics, polymeric materials, resins, pigments, or as approved by the Director of the NYSDOT Materials Bureau. DWUs shall be the color requested by the Agency. DWUs shall provide the required contrast (light-on-dark or dark-on-light) with the adjacent curb ramp or other applicable walkway. DWUs shall be uniform in color and texture, be free of cracks or other defects, and have clean-cut and well-defined edges. DWUs shall adhere to hot mix asphalt (HMA), warm mix asphalt (WMA), or Portland cement concrete (PCC) surfaces at a minimum air temperature of 60°F and a minimum surface substrate temperature of 70°F. DWUs shall be weather resistant and durable to normal pedestrian wear and maintenance activities, and show no appreciable fading, lifting, or shrinkage. DWUs shall be capable of molding or fitting to the contours, breaks, and faults of HMA or PCC surfaces, and show no significant tearing, rollback, lifting, or other signs of poor adhesion. DWUs shall have friction characteristics similar to a broomed PCC surface.

Embedded Detectable Warning Units (DWUs) shall meet the following physical properties:

<b>Property</b>	<b>Results</b>
Compressive Strength, Min., 28 days	8000 psi Minimum
Freeze-thaw Loss (25 Cycles, one per day, 10% NaCl solution) in accordance with NY Test Method 502-3P	1.0 % Maximum

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Square Foot (SF).

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 7 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied for each item.

### **BASIS OF AWARD**

A separate award will be made for each item. In the event that multiple Bidders provide a bid price for the same item, award will be made to the lowest Bidder.

**ITEM 16      DETECTABLE WARNING UNIT (DWU) MATERIALS**

**BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Surface Applied Detectable Warning Unit (DWU)	Square Foot (SF)
Embedded Preformed Detectable Warning Unit (DWU)	Square Foot (SF)

## **ITEM 17      BAGGED CALCIUM CHLORIDE**

### **DESCRIPTION**

Vendor shall furnish and deliver Calcium Chloride to any point in Monroe County.

### **MATERIALS**

Calcium Chloride materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 712-02 Calcium Chloride.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) Bag or by Each (EA) Bag per Pallet. Bag size shall be 50 lb. A Pallet shall consist of 42 Bags.

A separate Delivery Cost shall apply to orders less than one Pallet. Delivery Cost shall be measured by Lump Sum (LS) per order.

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Calcium Chloride – 50 lb Bag	Each (EA)
Delivery Cost (if Order is Less than One Pallet)	Lump Sum (LS)
Calcium Chloride – Pallet (50 lb Bag Cost per Pallet)	Each (EA)

## **ITEM 18      POLYETHYLENE SNOW FENCE**

### **DESCRIPTION**

Vendor shall furnish and deliver Polyethylene Snow Fence to any point in Monroe County.

### **MATERIALS**

Polyethylene Snow Fence material shall be high-density polyethylene; black, orange, or forest green in color. Roll width shall be 4 ft. and roll length shall be 100 ft. Mesh size shall be 1.25" (horizontal) x 3.25" (vertical). Other characteristics shall be as follows:

Tensile Yield	4,450 psi
Tensile Strength	370 lbs/ft
Ultimate Tensile Strength	5,200 psi

Material supplied shall meet the above requirements; any proposed deviation must be noted in the Proposal with the bid price.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) 100 ft. Roll.

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 7 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Polyethylene Snow Fence (100 ft. Roll)	Each (EA)

## **ITEM 19      ORANGE PLASTIC SAFETY FENCE**

### **DESCRIPTION**

Vendor shall furnish and deliver Orange Plastic Safety Fence material to any point in Monroe County.

### **MATERIALS**

Orange Plastic Safety Fence material shall be plastic netting made from UV stabilized high-density polyethylene; high visibility orange in color. Roll width shall be 4 ft. and roll length shall be 100 ft. Porosity shall be 50%.

Material supplied shall meet the above requirements; any proposed deviation must be noted in the Proposal with the bid price.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) 100 ft. Roll.

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 7 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Orange Plastic Safety Fence (100 ft. Roll)	Each (EA)

## **ITEM 20      WOOD SNOW FENCE**

### **DESCRIPTION**

Vendor shall furnish and deliver Wood Snow Fence to any point in Monroe County.

### **MATERIALS**

Wood Snow Fence material shall be uniformly spaced natural wood slats/pickets held securely in place with five (5) double cables of galvanized wire. Roll width shall be 4 ft. and roll length shall be 50 ft. Each roll shall be double dipped in red oxide for even penetration.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) 50 ft. Roll.

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 7 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Wood Snow Fence (50 ft. Roll)	Each (EA)



## ITEM 21 GREEN STEEL U-CHANNEL POSTS

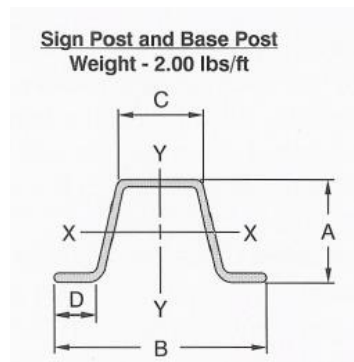
### DESCRIPTION

Vendor shall furnish and deliver Green Steel U-Channel Posts to any point in Monroe County.

### MATERIALS

The cross section of the Green Steel U-Channel Posts shall be a flanged channel "T" bar type weighing 2 lb./ft. formed from 12-gauge (0.105 inch) steel. The Posts shall be rolled from material meeting the requirements of ASTM Standard Specification A499-15 Steel Bars and Shapes. Carbon Rolled from "T" Rails. The posts shall have 3/8" diameter holes at 1" center for the full length of each 10 ft. long post. The furnished member shall be straight and shall have a smooth uniform finish. All holes and cut off ends shall be free from burrs. The post shall be non-rib back. Posts must be painted with all-weather resistant high quality dark green enamel.

Green Steel U-Channel Posts shall meet the following physical properties:



Flanged Channel Properties									
Weight *Lbs/Ft	Dimensions				Area IN <sup>2</sup>	X - X Axis +		Y - Y Axis	
	"A"	"B"	"C"	"D"		I (IN <sup>4</sup> )	S (IN <sup>3</sup> )	I (IN <sup>4</sup> )	S (IN <sup>3</sup> )
2.00	1.516	3.125	1.250	.625	.59	.18	.23	.42	.27

Material supplied shall meet the above requirements; any proposed deviation must be noted in the Proposal with the bid price.

### **Packaging and Delivery**

Green Channel Posts shall be securely steel banded in Bundles of twenty-five (25) posts. Materials shall be transported on a flatbed truck in order for the Agency to unload the materials at the delivery site. Vendor shall be responsible for the unloading of all materials not transported in this manner.

### METHOD OF MEASUREMENT

The quantity of material to be paid for shall be measured by Each (EA) Green Steel U-Channel Post.

Orders shall be placed per Bundle of 25 Green Steel U-Channel Posts.

**ITEM 21      GREEN STEEL U-CHANNEL POSTS**

**BASIS OF BID**

The unit bid price shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 7 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

**BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Green Steel U-Channel Post	Each (EA)

## **ITEM 22      STEEL TRAFFIC SIGN POSTS (SQUARE TUBING)**

### **DESCRIPTION**

Vendor shall furnish and deliver Steel Traffic Sign Posts (Square Tubing) to any point in Monroe County.

### **MATERIALS**

The steel posts furnished under this specification shall conform to the standard specification for cold-rolled carbon steel sheets, commercial quality ASTM designation A-366.

The cross section of the post shall be a square tube formed of 12 gauge (.105 United States Standard gauge) steel, carefully rolled to size and welded in the corner.

Post shall be of one or more of the following sizes as called for on the purchase order:

<b>Post Size</b>	<b>Gauge</b>	<b>Weight per Foot (pound)</b>	<b>*Hole Diameter</b>	<b>Post Length</b>
1 3/4" x 1 3/4"	12	2.060	7/16"	10'
2" x 2"	12	2.416	7/16"	10'
2 1/4" x 2 1/4"	12	2.773	7/16"	3'

**\*Holes spaced one inch on centers on all four sides for the entire length of the post.**

The furnished member shall be straight and shall have a smooth uniform finish. It shall be possible to telescope consecutive sizes of tubes freely with a minimum amount of play. All holes and cut off ends shall be free from burrs.

All posts shall be weather protected by galvanizing. Posts shall be formed from cold-rolled steel strip which has been zinc coated, commercial quality (1.25 oz.) conforming to ASTM Specifications A-93.

Material supplied shall meet the above requirements; any proposed deviation must be noted in the Proposal with the bid price.

### **Packaging and Delivery**

Steel Traffic Sign Posts (Square Tubing) shall be securely steel banded in Bundles of twenty-five (25) posts. Materials shall be transported on a flatbed truck in order for the Agency to unload the materials at the delivery site. Vendor shall be responsible for the unloading of all materials not transported in this manner.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) Steel Traffic Sign Post (Square Tubing).

## **ITEM 22      STEEL TRAFFIC SIGN POSTS (SQUARE TUBING)**

Orders shall be placed per Bundle of 25 Steel Traffic Sign Posts (Square Tubing).

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 7 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

### **BASIS OF AWARD**

A separate award will be made for each item. In the event that multiple Bidders provide a bid price for the same item, award will be made to the lowest Bidder.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Steel Traffic Sign Post (Square Tubing) 1 3/4" x 1 3/4" x 10'	Each (EA)
Steel Traffic Sign Post (Square Tubing) 2" x 2" x 10'	Each (EA)
Steel Traffic Sign Post (Square Tubing) 2 1/4" x 2 1/4" x 3'	Each (EA)

## ITEM 23      STEEL SNOW FENCE POSTS

### **DESCRIPTION**

Vendor shall furnish and deliver Steel Snow Fence Posts to any point in Monroe County.

### **MATERIALS**

Steel Snow Fence Posts shall be “T” bar type with a weight of at least 1.7 lbs. per foot. Posts shall be painted and 6 feet in length. A spade shall be attached at least 12 in. from the bottom of the post.

Material supplied shall meet the above requirements; any proposed deviation must be noted in the Proposal with the bid price.

### **Packaging and Delivery**

Steel Snow Fence Posts shall be securely steel banded in Bundles of twenty-five (25) posts. Materials shall be transported on a flatbed truck in order for the Agency to unload the materials at the delivery site. Vendor shall be responsible for the unloading of all materials not transported in this manner.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) Steel Snow Fence Post.

Orders shall be placed per Bundle of 25 Steel Snow Fence Posts.

### **BASIS OF BID**

The unit bid price shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 7 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Steel Snow Fence Post	Each (EA)

## **ITEM 24      ALUMINUM SIGN BLANKS**

### **DESCRIPTION**

Vendor shall furnish and deliver Aluminum Sign Blanks to any point in Monroe County.

### **MATERIALS**

Aluminum Sign Blanks shall be made of 100% recycled aluminum and shall be commercially flat, free from oils, grease, dust, oxidation, or any other substances. Aluminum Sign Blanks shall be ready for adhesion of reflective sign sheeting to be used in the fabrication of traffic signs meeting the requirements of the current version of the national Manual on Uniform Traffic Control Devices (MUTCD), including the New York State Supplement (NYSS). Aluminum Sign Blanks shall meet the following properties:

- Base Metal: 100% Recycled Aluminum.
- Thickness: .063" or 0.080", as noted in the items below.
- Holes: All holes are to be punched 7/16" diameter, unless otherwise noted.
- Testing: The material shall meet the requirements of ASTM B449.

Aluminum Sign Blanks shall be free of any trademarks, markings, or logos. The first dimension is always horizontal unless otherwise noted. All blanks are to be manufactured per Federal Highway Administration (FHWA) Standards. Aluminum Sign Blanks shall have 1-1/2" radius corners meeting the requirements of the current version of the national Manual on Uniform Traffic Control Devices (MUTCD), including the New York State Supplement (NYSS), and national Standard Highway Signs manual. Aluminum Sign Blanks are to be chemically treated to meet ASTM B449 Chromates on Aluminum specifications as pretreated for paint and/or reflective sheeting. Corners and holes are to be burr free.

Material supplied shall meet the above requirements; any proposed deviation must be noted in the Proposal with the bid price. Bidder shall provide drawings of each proposed item with Proposal.

### **Packaging and Delivery**

Aluminum Sign Blanks shall be shipped on Pallets with a minimum of 250 Blanks to a maximum of 500 Blanks on each Pallet. Pallets shall not exceed 2,000 lbs. Materials shall be transported on a covered flatbed truck in order for the Agency to unload the materials at the delivery site. Vendor shall be responsible for the unloading of all materials not transported in this manner.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) Aluminum Sign Blank.

## ITEM 24 ALUMINUM SIGN BLANKS

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 30 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

### **BASIS OF AWARD**

**There will be a single award for all items; all items will be awarded to the Bidder with the lowest multiplier.** Bidders shall only submit a single multiplier. Deletion or changes to items listed or scheduled unit prices will be cause for rejection of the bid.

The item multiplier bid price shall be applied to the payment item prices contained in the Proposal. **Do not show percentages as the multiplier.** Any bid showing percentages will be rejected. **The multiplier shall be submitted to two (2) decimal places (i.e. 0.xx or 1.xx).**

### **BASIS OF PAYMENT**

Payment will be made under:

DESCRIPTION	THICKNESS	UNIT
Aluminum Sign Blank – 8” x 24” (0 Holes)	0.063”	Each (EA)
Aluminum Sign Blank – 8” x 24” (2 Holes)	0.063”	Each (EA)
Aluminum Sign Blank – 8” x 24” (4 Holes)	0.063”	Each (EA)
Aluminum Sign Blank – 8” x 30” (0 Holes)	0.063”	Each (EA)
Aluminum Sign Blank – 8” x 30” (2 Holes)	0.063”	Each (EA)
Aluminum Sign Blank – 8” x 30” (4 Holes)	0.063”	Each (EA)
Aluminum Sign Blank – 30” Octagon (2 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 36” Octagon (2 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 48” Octagon (2 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 12” x 24” (2 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 12” x 30” (2 Holes)	0.080”	Each (EA)

**ITEM 24      ALUMINUM SIGN BLANKS**

Aluminum Sign Blank – 18” x 18” (4 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 24” x 24” (4 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 24” x 30” (2 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 24” x 36” (2 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 30” x 30” (4 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 30” x 36” (4 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 36” x 36” (4 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 12” x 36” (4 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 18” x 36” (4 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 12” x 36” (0 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 12” x 42” (0 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 12” x 48” (0 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 12” x 54” (0 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 12” x 60” (0 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 12” x 72” (0 Holes)	0.080”	Each (EA)
Aluminum Sign Blank – 24” x 48” (6 Holes)	0.080”	Each (EA)



## **ITEM 25      GEOTEXTILE BEDDING FABRIC**

### **DESCRIPTION**

Vendor shall furnish and deliver Geotextile Bedding Fabric to any point in Monroe County.

### **MATERIALS**

Geotextile Erosion Control Fabric material shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 737-01 Geotextiles, including the requirements of Table 737-01A Bedding Geotextile Requirements. The proposed material shall appear on the NYSDOT Materials Approved List for Geosynthetics for Highway Construction.

Unless otherwise specified, the material strength classification shall be Strength Class 1 as noted on the aforementioned Approved List. In addition, 200 – 6” metal Indian Valley staples, or approved equal, shall be supplied with every roll (900 SF) of Geotextile Bedding Fabric provided.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Square Foot (SF) provided.

### **BASIS OF BID**

The unit bid price shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Geotextile Bedding Fabric	Square Foot (SF)

## **ITEM 26      GEOTEXTILE UNDERCUT SEPARATION FABRIC**

### **DESCRIPTION**

Vendor shall furnish and deliver Geotextile Undercut Separation Fabric to any point in Monroe County.

### **MATERIALS**

Geotextile Erosion Control Fabric material shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 737-01 Geotextiles, including the requirements of Table 737-01B Separation Geotextile Requirements. The proposed material shall appear on the NYSDOT Materials Approved List for Geosynthetics for Highway Construction.

Unless otherwise specified, the material strength classification shall be Strength Class 2 as noted on the aforementioned Approved List.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Square Foot (SF) provided.

### **BASIS OF BID**

The unit bid price shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Geotextile Undercut Separation Fabric	Square Foot (SF)

## ITEM 27      **BIAXIAL GEOGRID BASE REINFORCEMENT MATERIAL**

### **DESCRIPTION**

Vendor shall furnish and deliver a Biaxial Geogrid Base Reinforcement Material composed of high strength polypropylene geogrid material to any point in Monroe County. The product shall be capable of improving the distribution of applied loads and prevent localized shear failure.

### **MATERIALS**

Biaxial Geogrid Base Reinforcement Material shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Geotechnical Design Manual, Chapter 18 Geosynthetic Design Section 18.4.2 Geogrids.

Geogrid base reinforcement shall be a stiff, structural polypropylene biaxial geogrid such as Carthage Mills Tenaz MS-220, Tensar BX 1100, or approved equal.

The material shall conform to the following property requirements:

<b>PROPERTY</b>	<b>TEST METHOD</b>	<b>UNITS</b>	<b>REQUIREMENTS</b>
<i>Interlock</i> Aperture Size <sup>1</sup> MD TD Open Area Thickness Rib Junctions	I.D. Callipered   COE Method <sup>2</sup> ASTM D1777-64	  in in %  in in	  1.0-1.7 1.3-1.2 70 (min)  0.034 (nom) 0.11 (nom)
<i>Reinforcement</i> Flexural Rigidity Ultimate Strength MD TD Tensile Modulus @ 2% Tensile Modulus @ 5% Junction Strength; MD	ASTM D1388-64 <sup>3</sup> GRI GG1-87 <sup>4</sup>  GRI GG1-87 <sup>4</sup> GRI GG1-87 <sup>4</sup> GRI GG2-87 <sup>4</sup>	Mg-cm  lb/ft lb/ft lb/ft lb/ft lb/ft	250,000  800-900 1400 15,000 (MD) 22,269 (TD) 12,330(MD) 17800 (TD) 750-850
<i>Material</i> Polypropylene Carbon Black	ASTM D 4101 Group 1/Class 1/Grade 2 ASTM 4218	% %	98 (min) 0.5 (min)

1. MD and TD correspond to the dimensions along roll length and roll width, respectively.
2. Corps of Engineers method per CW 02215 Civil Works Construction Guide, November 1977.
3. Modify method to account for wide specimen testing.
4. GeoSynthetic Research Institute test method.

## **ITEM 27      BIAXIAL GEOGRID BASE REINFORCEMENT MATERIAL**

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Square Foot (SF) provided.

### **BASIS OF BID**

The unit bid price shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Biaxial Geogrid Base Reinforcement Material	Square Foot (SF)

## **ITEM 28      GEOTEXTILE DRAINAGE FABRIC**

### **DESCRIPTION**

Vendor shall furnish and deliver Geotextile Drainage Fabric material for drainage to any point in Monroe County.

### **MATERIALS**

Geotextile Drainage Fabric material shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 737-01 Geotextiles, including the requirements of Table 737-01C Drainage Geotextile Requirements. The proposed material shall appear on the NYSDOT Materials Approved List for Geosynthetics for Highway Construction.

Unless otherwise specified, the material strength classification shall be Strength Class 2 as noted on the aforementioned Approved List.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Square Foot (SF) provided.

### **BASIS OF BID**

The unit bid price shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Geotextile Drainage Fabric	Square Foot (SF)
Geotextile Drainage Fabric – Permanent	Square Foot (SF)

## **ITEM 29      EROSION CONTROL SILT FENCE**

### **DESCRIPTION**

Vendor shall furnish and deliver Erosion Control Silt Fence to any point in Monroe County.

### **MATERIALS**

Erosion Control Silt Fence material shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 737-01 Geotextiles, including the requirements of Table 737-01G Silt Fence Requirements. The proposed material shall appear on the NYSDOT Materials Approved List for Geosynthetics for Highway Construction.

Erosion Control Silt Fence shall include pre-assembled hardwood stakes at a minimum 4' on center.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Square Foot (SF) provided.

### **BASIS OF BID**

The unit bid price shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Erosion Control Silt Fence (Roll)	Square Foot (SF)

## **ITEM 30      TURBIDITY CURTAIN**

### **DESCRIPTION**

Vendor shall furnish and deliver Turbidity Curtain to any point in Monroe County.

### **MATERIAL**

Turbidity Curtain material shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 737-01 Geotextiles, including the requirements of Table 737-01F Turbidity Curtain Requirements. The proposed material shall appear on the NYSDOT Materials Approved List for Geosynthetics for Highway Construction.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Square Foot (SF) provided.

### **BASIS OF BID**

The unit bid price shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Turbidity Curtain	Square Foot (SF)

## **ITEM 31      SEDIMENT FILTRATION MAT**

### **DESCRIPTION**

Vendor shall furnish and deliver erosion control Sediment Filtration Mat to any point in Monroe County.

### **MATERIALS**

Sediment Filtration Mat material shall meet the requirements of the Indian Valley Industries SEDIMAT®, or approved equal, suitable for filtering sediment-laden stream flows.

Each Sediment Filtration Mat shall be a flat 4 ft. x 10 ft. pad.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) Sediment Filtration Mat provided.

### **BASIS OF BID**

The unit bid price shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Sediment Filtration Mat	Each (EA)



## **ITEM 32      SILT FILTRATION DEWATERING BAG**

### **DESCRIPTION**

Vendor shall furnish and deliver erosion control Silt Filtration Dewatering Bags to any point in Monroe County.

### **MATERIALS**

Material shall meet the requirements of the Indian Valley Industries Silt Filtration Bag, or approved equal, capable of filtering pumped water discharged from a 4" to 6" hose.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) Silt Filtration Dewatering Bag provided.

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF AWARD**

A separate award will be made for each item. In the event that multiple Bidders provide a bid price for the same item, award will be made to the lowest Bidder.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Silt Filtration Dewatering Bag – 6' x 15'	Each (EA)
Silt Filtration Dewatering Bag – 10' x 15'	Each (EA)
Silt Filtration Dewatering Bag – 15' x 15'	Each (EA)

## **ITEM 33      GEOTEXTILE SLOPE PROTECTION**

### **DESCRIPTION**

Vendor shall furnish and deliver Geotextile Slope Protection material to any point in Monroe County.

### **MATERIALS**

Geotextile Slope Protection material shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 737-01 Geotextiles, including the requirements of Table 737-01D Slope Protection Geotextile Requirements. The proposed material shall appear on the NYSDOT Materials Approved List for Geosynthetics for Highway Construction.

Unless otherwise specified, the material strength classification shall be Strength Class 3 as noted on the aforementioned Approved List.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Square Foot (SF) provided.

### **BASIS OF BID**

The unit bid price shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Geotextile Slope Protection	Square Foot (SF)

**DESCRIPTION**

Vendor shall furnish and deliver Centerline Delineators to any point in Monroe County.

**MATERIALS**

Centerline Delineator material shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 727-02 Removable Raised Pavement Markers. Materials shall meet the requirements of temporary chip seal markers manufactured by Apex Universal Inc., or approved equal.

The Centerline Delineators shall be made of yellow or white polyurethane. The vertical section shall be two inches (2") high and four inches (4") wide. The vertical section shall have reflective tape on both sides with a minimum reflectivity of 1,800 candle power per foot-candle per square foot at one tenth observation and zero entrance angle. The reflective tape shall be fully protected from oil and dirt by a sealed clear plastic removable cover. The base shall have a factory applied solid butyl rubber adhesive for bonding the marker to pavement. The adhesive shall be 1/8" thick, 3/4" wide, and 4" long, and shall be protected by a release paper.

Centerline Delineators – One Sided shall meet all of the same requirements as Centerline Delineators, except that the vertical section shall have reflective tape on only one side. Centerline Delineators – One Sided will be used to delineate travel lanes of the same direction.

**Packaging**

The units shall be delivered in boxes or multiple boxes with a quantity of 500 in each box.

**METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) Case including 500 Count Centerline Delineators provided.

**BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

**BASIS OF PAYMENT**

Payment will be made under:

**ITEM 34****CENTERLINE DELINEATORS**

<b>DESCRIPTION</b>	<b>UNIT</b>
Centerline Delineators (500 Count) – Yellow	Each (EA)
Centerline Delineators (500 Count) – White	Each (EA)
Centerline Delineators – One Sided (500 Count) – White	Each (EA)

## **ITEM 35      PREFABRICATED STEEL ADJUSTMENT RINGS FOR MANHOLES**

### **DESCRIPTION**

Vendor shall furnish and deliver Prefabricated Steel Adjustment Rings for Manholes to any point in Monroe County.

### **MATERIALS**

Prefabricated Steel Adjustment Rings for Manholes materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 715-13 Prefabricated Adjustment Rings, Frames, and Utility Valve Risers for Drainage Units, Manholes, and Utilities. Prefabricated Steel Adjustment Rings for Manholes shall meet the requirements for Type AR2 Single Height – One Cut Unit rings. The proposed material shall appear on the NYSDOT Materials Approved List for Prefabricated Adjustment Rings for Drainage Units and Manholes (715-13).

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) Steel Adjustment Ring for Manhole provided.

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 14 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF AWARD**

A separate award will be made for each item. In the event that multiple Bidders provide a bid price for the same item, award will be made to the lowest Bidder.

**ITEM 35      PREFABRICATED STEEL ADJUSTMENT RINGS FOR MANHOLES****BASIS OF PAYMENT**

Payment will be made under:

<b>PREFABRICATED STEEL ADJUSTMENT RINGS FOR MANHOLES</b>						
<b>Adjustment Height (Inches)</b>	<b>Diameter (Inches)</b>					
	< 26"	26" – 29 3/4"	30" – 35 3/4"	36" – 39 3/4"	40" - 45"	45 1/8" – 52"
3/4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
1	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
1 1/4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
1 1/2	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
1 3/4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
2	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
2 1/4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
2 1/2	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
2 3/4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
3	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
3 1/4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
3 1/2	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
4 1/2	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
5	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
5 1/2	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
6	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)

## **ITEM 36      PREFABRICATED PLASTIC ADJUSTMENT RINGS FOR MANHOLES**

### **DESCRIPTION**

Vendor shall furnish and deliver Prefabricated Plastic Adjustment Rings for Manholes to any point in Monroe County.

### **MATERIALS**

Prefabricated Plastic Adjustment Rings for Manholes materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 715-13 Prefabricated Adjustment Rings, Frames, and Utility Valve Risers for Drainage Units, Manholes, and Utilities. Prefabricated Steel Adjustment Rings for Manholes shall meet the requirements for Type AR3 Single Height – Solid Unit rings. The proposed material shall appear on the NYSDOT Materials Approved List for Prefabricated Adjustment Rings for Drainage Units and Manholes (715-13).

Prefabricated Plastic Adjustment Rings for Manholes materials shall meet the requirements of Turner Manhole Risers®, or approved equal.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) Prefabricated Plastic Adjustment Ring for Manhole provided.

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 14 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF AWARD**

A separate award will be made for each item. In the event that multiple Bidders provide a bid price for the same item, award will be made to the lowest Bidder.

### **BASIS OF PAYMENT**

Payment will be made under:

**ITEM 36      PREFABRICATED PLASTIC ADJUSTMENT RINGS FOR MANHOLES**

<b>PREFABRICATED PLASTIC ADJUSTMENT RINGS FOR MANHOLES</b>						
<b>Adjustment Height (Inches)</b>	<b>Diameter (Inches)</b>					
	24" (1 1/2" seat)	27" (1 1/2" seat)	30" (1 1/2" seat)	32" (1 1/2" seat)	34" (1 1/2" seat)	36" (1 1/2" seat)
3/4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
1	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
1 1/4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
1 1/2	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
1 3/4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
2	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
2 1/4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
2 1/2	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
2 3/4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
3	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
3 1/4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
3 1/2	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
4	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
4 1/2	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
5	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
5 1/2	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
6	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)
3/4 to 1 1/2 (Angled)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)	Each (EA)



## **ITEM 37      POLYETHYLENE PIPE FITTINGS**

### **DESCRIPTION**

Vendor shall furnish and deliver Polyethylene Pipe Fittings manufactured by Advanced Drainage Systems, or approved equal.

### **MATERIALS**

Materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 706 Concrete, Clay, and Thermoplastic Pipe.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) Polyethylene Pipe Fitting provided.

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 14 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

### **BASIS OF AWARD**

A separate award will be made for each item. In the event that multiple Bidders provide a bid price for the same item, award will be made based on the lowest Bidder.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>	<b>DESCRIPTION</b>	<b>UNIT</b>
Saddle Tee 4" x 12"	Each (EA)	Saddle Tee 6" x 24"	Each (EA)
Saddle Tee 4" x 15"	Each (EA)	Saddle Tee 6" x 30"	Each (EA)
Saddle Tee 4" x 18"	Each (EA)	Saddle Tee 6" x 36"	Each (EA)
Saddle Tee 4" x 24"	Each (EA)	Clay Adapter 3"	Each (EA)
Saddle Tee 4" x 30"	Each (EA)	Clay Adapter 4"	Each (EA)
Saddle Tee 4" x 36"	Each (EA)	Clay Adapter 6"	Each (EA)
Saddle Tee 6" x 12"	Each (EA)	Snap T's 4" x 4"	Each (EA)
Saddle Tee 6" x 15"	Each (EA)	Snap T's 6" x 4"	Each (EA)
Saddle Tee 6" x 18"	Each (EA)	Snap T's 6" x 6"	Each (EA)

## **ITEM 38      PVC DRAIN BASINS AND COMPONENTS**

### **DESCRIPTION**

Vendor shall furnish and deliver PVC Drain Basins and Components to any point in Monroe County.

### **MATERIALS**

PVC Drain Basin materials shall be manufactured from PVC pipe stock meeting SDR 35, utilizing a thermo-molding process to reform the pipe stock to the finished configuration. The drainage pipe connections stubs shall be manufactured from PVC pipe stock and formed to provide a watertight connection with the piping system. PVC Drain Basins shall be available with 6" and 12" adapters for connection with 6" and 12" corrugated polyethylene pipe (smooth bore or tubing); adapters shall be specified at the time of order. PVC Drain Basins shall meet the requirements of Nyloplast by Advanced Drainage Systems, or approved equal. The 12" grate shall be made of cast iron and capable of supporting a H-20 loading with a standard hinged grate. Metal used in the manufacture of the casting shall conform to ASTM A-48 Class 30B for cast iron. The casting shall be furnished with a black paint.

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 14 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

Bidder shall specify the product name that is intended to be supplied.

### **BASIS OF AWARD**

There will be a single award for all items. All items will be awarded to the lowest Bidder.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
12" PVC Drain Basin	Each (EA)
12" Cast Iron Frame and Hinged Grate	Each (EA)
12" PVC Drain Basin, Cast Iron Frame, and Hinged Grate	Each (EA)

## ITEM 39      ORGANIC SNOW AND ICE CONTROL PRODUCTS

### **DESCRIPTION**

Vendor shall make available to end users a variety of Organic Snow and Ice Control Products available in the marketplace and suitable for their intended use.

Products available under this award are required to meet the specifications and requirements contained herein. Users should note that the products offered by various Vendors under this award are not identical. Like other commodities, each offered product will have its own unique set of properties. Products may vary in many areas including color, composition, and performance, and cost. It is therefore incumbent on the users of these materials to attempt to select a cost effective product that best suits the circumstances of usage anticipated.

Vendors of these materials are a valuable resource of technical assistance and information regarding the products they offer. End users of this award are strongly encouraged to contact the various Vendors of these materials to request technical advice and information to aid in selection of appropriate product, proper usage of that product, and/or resolution of any problems encountered during usage.

### **MATERIALS**

Organic Snow and Ice Product materials shall be suitable for stockpile treatment of salt with a de-icing liquid comprised of organic based performance enhancer by itself or a blend of OBPE with a chloride brine as indicated on the bid sheet. The de-icing materials when mixed with rock salt or a combination of rock salt and sand shall demonstrate the following benefits:

- Enhance the melting capabilities of rock salt down to 0°F when used by itself or with an onboard pre-wetting liquid.
- Reduce bounce and scatter of the granular products to be applied to the road surface.
- Demonstrate a residual effect on the applied road surface.
- The OBPE shall have a corrosion value less than that of distilled water.
- In addition, materials shall meet the following general chemical requirements:

#### **General Chemical Requirements**

**Note:** This section applies only to products offered that **do not** have a Beneficial Use Determination (BUD) from New York State Department of Environmental Conservation. **HOWEVER, ALL PRODUCTS OFFERED MUST CONTAIN 250 PPM OR LESS PHOSPHORUS, CALCULATED ON AN UNDILUTED BASIS, WITH OR WITHOUT BENEFICIAL USE DETERMINATION.**

Bids may not be accepted on any product that contains constituents in excess of the following established total concentration limits. Results are stated as Parts Per Million (ppm). If a product exceeds any of the following constituents, the Bidder shall identify the exception(s) and explain any mitigating circumstances. The County reserves the right to evaluate these exceptions and make a determination of product eligibility based on the best interest of the County.

## ITEM 39      ORGANIC SNOW AND ICE CONTROL PRODUCTS

Phosphorus 250.00 ppm	Chromium 0.50 ppm
Cyanide 0.20 ppm	Cadmium 0.20 ppm
Arsenic 5.00 ppm	Barium 75.00 ppm
Copper 0.50 ppm	Selenium 5.00 ppm
Lead 1.00 ppm	Zinc 10.00 ppm
Mercury 0.05 ppm	

### **Chemical Analysis**

Bidders shall supply a certified analysis conducted within the last three (3) years from an independent laboratory showing compliance with all the above listed requirements, including those listed in the **General Chemical Requirements** section above. Exceptions to the requirements must be stated in the Proposal; the County reserves the right to reject the product.

### **EQUIPMENT**

When the price per Gallon (GAL) includes mixing (Option B), the Vendor shall deliver the necessary pug mill mixing equipment plant to the Agency's site. The mixing equipment shall be supplied with adjustable liquid flow controls and a qualified operator trained by the Vendor. The pug mill shall be capable of receiving different blends of aggregates and salt to produce a homogeneous blend of aggregates, salt, and liquid as desired by the Agency. The Agency shall provide the loader and operators to assist in the mixing process to obtain optimal mixing production.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Gallon (GAL) for either Option A or Option B.

### **BASIS OF BID**

This item will be paid for under the following options as indicated in the option descriptions below and detailed within this specification:

**Option A – Product Furnished and Delivered:** The unit bid price per Gallon (GAL) shall include all costs for the Vendor to furnish and deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 14 days of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

**Option B – Product Furnished, Delivered, and Mixed:** The unit bid price per Gallon (GAL) shall include all costs for the Vendor to furnish, deliver the material Free On Board (F.O.B.) Destination to any point in Monroe County within 14 days of receipt of order, and mix (with portable pug mill) the material with Agency salt and aggregate at the Agency's storage facility. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

## **ITEM 39      ORGANIC SNOW AND ICE CONTROL PRODUCTS**

### **BASIS OF AWARD**

A separate award will be made for each Option. In the event that multiple Bidders provide a bid price for the same Option, award will be made based on the proposed product.

### **BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Option A – Organic Snow and Ice Control Product Furnished and Delivered	Gallon (GAL)
Option B – Organic Snow and Ice Control Product Furnished, Delivered, and Mixed	Gallon (GAL)

**DESCRIPTION**

Vendor shall provide Cornell University (CU) Structural Soil material at the Vendor's Quarry, Pit, or Yard.

CU Structural Soil (U.S. Patent # 5,849,069) was developed by Cornell University's Research Foundation. The Foundation has named Amereq, Inc. the exclusive licensee for the product who, in turn, has sublicensed to qualified local/regional Vendors to produce the CU Structural Soil and make it available to local markets and agencies.

**MATERIALS**

CU Structural Soil is a patented two-part system comprised of a rigid stone "lattice" to meet engineering requirements for a load-bearing soil and a quantity of soil to meet tree requirements for root growth. This mixture provides stability as well as interconnected voids for root penetration, air, and water movement. The uniformly graded (3/4" – 1-1/2") angular crushed stone specified for this soil is designed to ensure the greatest porosity.

- Since stone is the load-bearing component of CU structural soil, the aggregates used shall meet NYSDOT standards for pavement base courses.
- A heavy clay or loam-type soil shall be used for the CU Structural Soil with a minimum of 20% clay and organic matter content of 2%-5%.
- In addition to stone and soil components, CU Structural Soil utilizes Gelscape hydrogel as a non-toxic, non-phytotoxic tackifier.

With proper stone to soil ratio, CU Structural Soil is a medium for healthy root growth and can be compacted to meet load-bearing requirements.

**METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by the Ton.

**BASIS OF BID**

Unit bid price shall be per Ton and Cubic Yard (CY), and shall include all costs of furnishing and loading the material into the Agency's trucks at the Vendor's Quarry, Pit, or Yard.

A separate Material Hauling price per Ton or Cubic Yard (CY) for Vendor hauling will be bid as a separate item and added to the material price in this specification, if applicable.

**NOTE: The Bid Proposal Sheet for Item 40 is on the same sheet as Item 11 and Item 12.**

**BASIS OF AWARD**

The Agency will select the vendor based upon the lowest total cost of the following elements:

**ITEM 40****CORNELL UNIVERSITY (CU) STRUCTURAL SOIL**

1. Round trip distance (in miles) from the Quarry, Pit, or Yard to the midpoint of the project multiplied by \$0.65 per Ton of material per mile.
2. Material cost.
3. The Agency reserves the right to select the Vendor based on material quality, quantity, and availability for each project.

**BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Cornell University (CU) Structural Soil	Ton
Cornell University (CU) Structural Soil	Cubic Yard (CY)

**ITEM 41****BAGGED GRASS SEED – VARIOUS OPTIONS****DESCRIPTION**

Vendor shall furnish and deliver Bagged Grass Seed to any point in Monroe County.

**MATERIALS**

Bagged Grass Seed materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 713-04 Seeds. All seed shall be entophyte enhanced for disease resistance. All germination testing shall be no more than six (6) months from the date of purchase.

Bagged Grass Seed mixes shall meet the requirements below:

**General Mix (Highway Blend):**

NAME	% PER LB.
Fine Textured Perennial Rye	50%
Chewing Fescue	20%
Creeping Red Fescue	15%
Kentucky Blue Grass	15%
Weed seed shall not exceed	0.05%
Noxious seed shall not exceed	0.0%
Crop seed shall not exceed	0.0%
Inert matter shall not exceed	1.5%
Germination shall not be less than	90%

**Premium Mix (Pure Waters Blend):**

NAME	% PER LB.
Kentucky Bluegrass	40%
Fine Texture Perennial Rye	35%
Chewing Fescue	25%
Weed seed shall not exceed	0.05%
Noxious seed shall not exceed	0.0%
Crop seed shall not exceed	0.0%
Inert matter shall not exceed	1.5%
Germination shall not be less than	90%



**ITEM 41****BAGGED GRASS SEED – VARIOUS OPTIONS****Annual Ryegrass:**

NAME	% PER LB.
Annual Ryegrass	100%
Weed seed shall not exceed	0.05%
Noxious seed shall not exceed	0.0%
Crop seed shall not exceed	0.0%
Inert matter shall not exceed	1.5%
Germination shall not be less than	90%

**Quick Grow/Triple Perennial Ryegrass (Mill Seat Blend):**

NAME	% PER LB.
Prelude II Perennial Ryegrass	33%
Elf Perennial Ryegrass	33%
Palmer II Perennial Ryegrass	33%
Weed seed shall not exceed	0.05%
Noxious seed shall not exceed	0.0%
Crop seed shall not exceed	0.0%
Inert matter shall not exceed	1.5%
Germination shall not be less than	90%

**METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Each (EA) 50 pound (LB) bag of Bagged Grass Seed provided.

**BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Delivery to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

**BASIS OF AWARD**

A separate award will be made for each item. In the event that multiple Bidders provide a bid price for the same item, award will be made to the lowest Bidder.

**ITEM 41****BAGGED GRASS SEED – VARIOUS OPTIONS****BASIS OF PAYMENT**

Payment will be made under the following items:

<b>DESCRIPTION</b>	<b>UNIT</b>
Bagged Grass Seed General Mix (Highway Blend) – 50 LB Bag	Each (EA)
Bagged Grass Seed Premium Mix (Pure Waters Blend) – 50 LB Bag	Each (EA)
Bagged Grass Seed Annual Ryegrass – 50 LB Bag	Each (EA)
Bagged Grass Seed Quick Grow/Triple Perennial Ryegrass (Mill Seat Blend) – 50 LB Bag	Each (EA)

## ITEM 42

## HYDROSEED MULCHES AND TACKIFIER

### **DESCRIPTION**

Vendor shall furnish and deliver Hydroseed Mulch and/or Tackifier to any point in Monroe County.

### **MATERIALS**

Hydroseed Mulch materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 713-11 Mulch for Turf Establishment and Erosion Control. Hydroseed Tackifier materials shall meet the requirements of the current version of the New York State Department of Transportation (NYSDOT) Standard Specifications Section 713-12 Mulch Anchorage. Hydroseed Mulches shall be provided in packaged bales and Hydroseed Tackifier shall be provided in packaged containers.

Hydroseed Mulch mixtures shall be 100% biodegradable with a maximum moisture content of 14%. All mulch shall be free of all weed seeds, dyed in a dark green for easy metering, and free of any growth inhibiting factors. Two Hydroseed Mulches shall be available:

- *Hydroseed Mulch (Cellulose-Paper)* – The material shall be manufactured from recycled cellulose fibers.
- *Hydroseed Mulch (Wood and Cellulose Fiber Mixture)* – The material shall be manufactured from recycled wood and cellulose fibers. The mixture shall contain 70% recycled wood fiber and 30% recycled paper products.

Hydroseed Tackifier material shall be non- asphaltic in nature and contain polyacrylamide (PAM) copolymers and hydro-colloid polymers. The material shall contain a concentrated green dye for easy metering.

### **METHOD OF MEASUREMENT**

The quantity of material to be paid for shall be measured by Pound (LB).

### **BASIS OF BID**

The unit bid price for each item shall include all costs to furnish and deliver the material Free On Board (F.O.B.) Delivery to any point in Monroe County within 48 hours of receipt of order. Delivery must be made between the hours of 7:30 AM – 2:30 PM Monday – Friday; excluding holidays.

The cost of pallets, if applicable, shall be included in the cost of the material. No pallet rental charges or any other pallet charges will be allowed or accepted.

### **BASIS OF AWARD**

A separate award will be made for each item. In the event that multiple Bidders provide a bid price for the same item, award will be made to the lowest Bidder.

**ITEM 42****HYDROSEED MULCHES AND TACKIFIER****BASIS OF PAYMENT**

Payment will be made under:

<b>DESCRIPTION</b>	<b>UNIT</b>
Hydroseed Mulch (Cellulose-Paper)	Pound (LB)
Hydroseed Mulch (Wood and Cellulose Fiber Mixture)	Pound (LB)
Hydroseed Tackifier	Pound (LB)

## Monroe County Department of Transportation

**2025 Highway Materials  
Group 2  
BID AWARDS (BASE PRICES)**

**BP# 0102-24**



2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

Asphalt Materials Base Index Price = \$615.00 per Ton (December 2023)

ITEM	MATERIAL	UNIT	Barre Stone Products, Inc. Albion, NY	Heidelberg Materials Northeast-NY LLC Honeoye Falls, NY	Heidelberg Materials Northeast-NY LLC McKee Road	Heidelberg Materials Northeast-NY LLC Stafford, NY	Iroquois Rock Products Brockport, NY	Iroquois Rock Products Henrietta, NY	Northern Asphalt, LLC Waterloo, NY	Rochester Asphalt Materials Gates, NY	Rochester Asphalt Materials Penfield, NY	Rochester Asphalt Materials Walworth, NY	Spallina Materials, Inc. Mount Morris, NY
Item 1 Option A Hot Mix Asphalt (HMA)	Type MC1 Binder Course (County #1 Binder)	Ton	\$ 73.00	\$ 84.00	\$ 87.15	\$ 84.00	\$ 78.25	\$ 78.25	\$ 74.00	\$ 78.25	\$ 78.25	\$ 78.25	
	Flexible Overlay (Smooth Seal)	Ton	\$ 80.00	\$ 92.40	\$ 97.65	\$ 92.40	\$ 87.50	\$ 87.50	\$ 83.00	\$ 87.50	\$ 87.50	\$ 87.50	
	Flexible Top (County Top)	Ton	\$ 77.00	\$ 89.25	\$ 92.40	\$ 89.25	\$ 82.50	\$ 82.50	\$ 80.00	\$ 82.50	\$ 82.50	\$ 82.50	
	True & Leveling F9 (< 0.3 M ESAL's)	Ton	\$ 75.00	\$ 90.30	\$ 96.60	\$ 90.30	\$ 93.75	\$ 93.75	\$ 82.00	\$ 93.75	\$ 93.75	\$ 93.75	\$ 86.00
	Shim Course F9 (< 0.3 M ESAL's)	Ton	\$ 87.00	\$ 105.00	\$ 110.25	\$ 105.00	\$ 93.75	\$ 93.75	\$ 93.00	\$ 93.75	\$ 93.75	\$ 93.75	\$ 100.00
	6.3 F2 Top Course (< 0.3 M ESAL's)	Ton	\$ 84.00	\$ 102.90		\$ 102.90	\$ 91.75	\$ 91.75	\$ 89.00	\$ 91.75	\$ 91.75	\$ 91.75	\$ 93.00
	9.5 F2 Top Course (< 0.3 M ESAL's)	Ton	\$ 79.00	\$ 90.30	\$ 96.60	\$ 90.30	\$ 85.50	\$ 85.50	\$ 80.00	\$ 85.50	\$ 85.50	\$ 85.50	\$ 86.00
	12.5 F2 Top Course (< 0.3 M ESAL's)	Ton	\$ 75.00	\$ 87.15	\$ 91.35	\$ 87.15	\$ 80.25	\$ 80.25	\$ 77.00	\$ 80.25	\$ 80.25	\$ 80.25	\$ 84.50
	19 F9 Binder Course (< 0.3 M ESAL's)	Ton	\$ 69.00	\$ 81.90	\$ 86.10	\$ 81.90	\$ 75.25	\$ 75.25	\$ 72.00	\$ 75.25	\$ 75.25	\$ 75.25	\$ 75.00
	25 F9 Binder Course (< 0.3 M ESAL's)	Ton	\$ 68.00	\$ 79.80	\$ 84.00	\$ 79.80	\$ 74.25	\$ 74.25	\$ 71.00	\$ 74.25	\$ 74.25	\$ 74.25	\$ 74.00
	37.5 F9 Base Course (< 0.3 M ESAL's)	Ton	\$ 67.00	\$ 76.65	\$ 81.90	\$ 76.65	\$ 73.00	\$ 73.00	\$ 69.00	\$ 73.00	\$ 73.00	\$ 73.00	\$ 70.00
	<b>Polymers:</b> Addition of Polymers to any of the asphalt material items listed above.	Per Ton	\$ 6.00	\$ 5.25		\$ 5.25	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	
Item 1 Option B Warm Mix Asphalt	Type MC1 Binder Course (County #1 Binder)	Ton	\$ 75.00	\$ 86.10		\$ 86.10	\$ 78.25	\$ 78.25	\$ 76.00	\$ 78.25	\$ 78.25	\$ 78.25	
	Flexible Overlay (Smooth Seal)	Ton	\$ 82.00	\$ 94.50		\$ 94.50	\$ 87.50	\$ 87.50	\$ 85.00	\$ 87.50	\$ 87.50	\$ 87.50	

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

Asphalt Materials Base Index Price = \$615.00 per Ton (December 2023)

ITEM	MATERIAL	UNIT	Barre Stone Products, Inc. Albion, NY	Heidelberg Materials Northeast-NY LLC Honeoye Falls, NY	Heidelberg Materials Northeast-NY LLC McKee Road	Heidelberg Materials Northeast-NY LLC Stafford, NY	Iroquois Rock Products Brockport, NY	Iroquois Rock Products Henrietta, NY	Northern Asphalt, LLC Waterloo, NY	Rochester Asphalt Materials Gates, NY	Rochester Asphalt Materials Penfield, NY	Rochester Asphalt Materials Walworth, NY	Spallina Materials, Inc. Mount Morris, NY
(WMA)	Flexible Top (County Top)	Ton	\$ 79.00	\$ 91.35		\$ 91.35	\$ 82.50	\$ 82.50	\$ 82.00	\$ 82.50	\$ 82.50	\$ 82.50	
Item 1 Option B Warm Mix Asphalt (WMA)	True & Leveling F9 (< 0.3 M ESAL's)	Ton	\$ 77.00	\$ 92.40		\$ 92.40	\$ 93.75	\$ 93.75	\$ 84.00	\$ 93.75	\$ 93.75	\$ 93.75	\$ 88.50
	Shim Course F9 (< 0.3 M ESAL's)	Ton	\$ 89.00	\$ 107.10		\$ 107.10	\$ 93.75	\$ 93.75	\$ 95.00	\$ 93.75	\$ 93.75	\$ 93.75	\$ 100.00
	6.3 F2 Top Course (< 0.3 M ESAL's)	Ton	\$ 86.00	\$ 105.00		\$ 105.00	\$ 91.75	\$ 91.75	\$ 91.00	\$ 91.75	\$ 91.75	\$ 91.75	\$ 95.50
	9.5 F2 Top Course (< 0.3 M ESAL's)	Ton	\$ 81.00	\$ 92.40		\$ 92.40	\$ 85.50	\$ 85.50	\$ 82.00	\$ 85.50	\$ 85.50	\$ 85.50	\$ 88.50
	12.5 F2 Top Course (< 0.3 M ESAL's)	Ton	\$ 77.00	\$ 89.25		\$ 89.25	\$ 80.25	\$ 80.25	\$ 79.00	\$ 80.25	\$ 80.25	\$ 80.25	\$ 86.00
	19 F9 Binder Course (< 0.3 M ESAL's)	Ton	\$ 71.00	\$ 84.00		\$ 84.00	\$ 75.25	\$ 75.25	\$ 74.00	\$ 75.25	\$ 75.25	\$ 75.25	\$ 77.50
	25 F9 Binder Course (< 0.3 M ESAL's)	Ton	\$ 70.00	\$ 81.90		\$ 81.90	\$ 74.25	\$ 74.25	\$ 73.00	\$ 74.25	\$ 74.25	\$ 74.25	\$ 76.50
	37.5 F9 Base Course (< 0.3 M ESAL's)	Ton	\$ 69.00	\$ 78.75		\$ 78.75	\$ 73.00	\$ 73.00	\$ 71.00	\$ 73.00	\$ 73.00	\$ 73.00	\$ 72.50
	<b>Polymers:</b> Addition of Polymers to any of the asphalt material items listed above.	Per Ton	\$ 6.00	\$ 5.25		\$ 5.25	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	\$ 8.00	
	<b>Fibers:</b> Addition of Fibers to any of the asphalt material items listed above.	Per Ton	\$ 12.00	\$ 15.75		\$ 15.75	\$ 12.00	\$ 12.00	\$ 12.00	\$ 12.00	\$ 12.00	\$ 12.00	

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

Asphalt Materials Base Index Price = \$615.00 per Ton (December 2023)

ITEM	MATERIAL	UNIT	Barre Stone Products, Inc. Albion, NY	Innovative Municipal Products "US" Inc. Glenmont, NY	Iroquois Rock Products Brockport, NY	Northern Asphalt, LLC Waterloo, NY	Rochester Asphalt Materials Gates, NY	Rochester Asphalt Materials Penfield, NY	Rochester Asphalt Materials Walworth, NY	Shelby Crushed Stone, Inc. Medina, NY	Spallina Materials, Inc. Mount Morris, NY	Unique Paving Materials Corp. Caledonia, NY
Item 2	Plant Mixed Asphalt Patching Material	Ton		\$ 133.250								\$ 128.000
Item 3	Modified Asphalt Patching Material	Ton	\$ 130.000	\$ 133.250	\$ 140.000	\$ 155.000	\$ 140.000	\$ 140.000		\$ 125.000		
	Modified Packaged (Bagged/Bucket) Asphalt Patching Material	Pound (LB)		\$ 0.239								
Item 4	1" Reclaimed Asphalt Pavement (RAP)/Millings	Ton	\$ 18.000			\$ 20.000						
	9/16" Reclaimed Asphalt Pavement (RAP)/Millings	Ton	\$ 18.000			\$ 20.000						
	3/8" Reclaimed Asphalt Pavement (RAP)/Millings	Ton	\$ 18.000			\$ 20.000						
	Asphalt Millings Credit	Ton	\$ 4.000		\$ 5.000	\$ 4.000	\$ 5.000	\$ 5.000	\$ 5.000			
Item 6	Bituminous Material (Liquid ) Tack Coat - 5 Gallon Bucket/Pail	Each (EA)			\$ 70.000		\$ 70.000	\$ 70.000	\$ 70.000		\$ 95.000	



2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT	Barre Stone Products, Inc. Albion, NY	Dan Gernatt Gravel Products Collins, NY	Heidelberg Materials Northeast-NY LLC Butler, NY	Heidelberg Materials Northeast-NY LLC Clarendon, NY	Heidelberg Materials Northeast-NY LLC Honeoye Falls, NY	Heidelberg Materials Northeast-NY LLC Stafford, NY	Keeler Construction Co., Inc. Albion, NY	Northern Asphalt, LLC Waterloo, NY	Spallina Materials, Inc. Mount Morris, NY	Spallina Materials, Inc. Pavilion, NY	Spallina Materials, Inc. West Bloomfield, NY	Syracuse Sand & Gravel, LLC Phelps, NY	Syracuse Sand & Gravel, LLC Sodus, NY
Item 5 (For Items 1-4 Asphalt Mix Items)	Material Hauling (Asphalt Mix Items) Up to 1 Mile per Ton of Material	Ton	\$ 6.00						\$ 5.00	\$ 5.00	\$ 6.00				
	Material Hauling (Asphalt Mix Items) Over 1 Mile per Ton of Material	Ton	\$ 0.80						\$ 0.50	\$ 0.25	\$ 0.65				
Item 5 (For Item 7 Aggregate Items)	Material Hauling (Aggregate Items) Up to 1 Mile per Ton of Material	Ton			\$ 3.15	\$ 3.15	\$ 3.15	\$ 3.15	\$ 5.00					\$ 5.23	\$ 5.23
	Material Hauling (Aggregate Items) Over 1 Mile per Ton of Material	Ton			\$ 0.53	\$ 0.53	\$ 0.53	\$ 0.53	\$ 0.50					\$ 0.55	\$ 0.55
	Material Hauling and Loading for Stone Fill (Heavy) ONLY (*Additional Charge per Ton of Material)	Fixed Price / Ton	\$ 14.00	\$ 14.00	\$ 14.70	\$ 14.70	\$ 14.70	\$ 14.70	\$ 14.00	\$ 14.00	\$ 14.00	\$ 14.00	\$ 14.00	\$ 14.00	\$ 14.00
Item 5 (For Items 8-12 & Item 40 Aggregate Items)	Material Hauling (Aggregate Items) Up to 1 Mile per Ton of Material	Ton		\$ 5.00								\$ 3.50	\$ 3.50	\$ 5.23	
	Material Hauling (Aggregate Items) Over 1 Mile per Ton of Material	Ton		\$ 0.32								\$ 0.50	\$ 0.50	\$ 0.55	
	Material Hauling (Aggregate Items) Up to 1 Mile per Cubic Yard (CY) of Material	Cubic Yard (CY)												\$ 7.98	
	Material Hauling (Aggregate Items) Over 1 Mile per Cubic Yard (CY) of Material	Cubic Yard (CY)												\$ 0.83	

\*Note: For Stone Filling (Heavy) Mileage rate will not apply. Loading and delivery will be at a rate of \$14.00 per Ton

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT	Barre Stone Products, Inc. Albion, NY	Dolomite Products Co., Inc. Gates, NY	Dolomite Products Co., Inc. LeRoy, NY	Dolomite Products Co., Inc. Ogden, NY	Dolomite Products Co., Inc. Penfield, NY	Dolomite Products Co., Inc. Walworth, NY	Heidelberg Materials Northeast-NY LLC Butler, NY	Heidelberg Materials Northeast-NY LLC Clarendon, NY	Heidelberg Materials Northeast-NY LLC Honeoye Falls, NY	Heidelberg Materials Northeast-NY LLC McKee Road	Heidelberg Materials Northeast-NY LLC Oaks Corners, NY	Heidelberg Materials Northeast-NY LLC Scottsville Road	Heidelberg Materials Northeast-NY LLC Stafford, NY	Iroquois Rock Products Brockport, NY	Syracuse Sand & Gravel, LLC Sodus, NY
Item 7 Stone Aggregates (Quarry)	5/8" Crushed Stone	Ton															
	5/8" Crusher Run	Ton	\$ 13.50	\$ 21.00	\$ 14.50		\$ 18.50	\$ 15.50	\$ 17.33	\$ 17.33	\$ 17.33	\$ 23.10		\$ 23.10	\$ 17.33		\$ 15.95
	#1 Crushed Stone	Ton	\$ 20.00	\$ 28.50	\$ 21.00		\$ 23.00	\$ 21.00	\$ 21.53	\$ 21.53	\$ 21.53				\$ 21.53	\$ 21.00	\$ 22.00
	#1 Crusher Run	Ton	\$ 13.00	\$ 21.00	\$ 15.50	\$ 17.50	\$ 17.50	\$ 15.50	\$ 15.23	\$ 15.23	\$ 15.23	\$ 23.10		\$ 23.10	\$ 15.23	\$ 15.50	\$ 15.95
	#2 Crushed Stone	Ton	\$ 19.00	\$ 28.50	\$ 21.00		\$ 23.00	\$ 21.00	\$ 21.53	\$ 21.53	\$ 21.53				\$ 21.53	\$ 21.00	\$ 22.00
	#2 Crusher Run	Ton	\$ 12.50	\$ 20.00	\$ 13.50	\$ 15.00	\$ 15.00	\$ 13.50	\$ 14.70	\$ 14.70	\$ 14.70	\$ 23.10		\$ 23.10	\$ 14.70	\$ 13.50	\$ 13.75
	#3 Crusher Run	Ton	\$ 13.00		\$ 14.50		\$ 16.00	\$ 14.50			\$ 14.70				\$ 14.70	\$ 14.50	\$ 14.03
	Crushed Stone Screenings	Ton	\$ 18.00								\$ 21.53				\$ 21.53		\$ 23.10
	#1 Washed Crushed Stone	Ton	\$ 20.00		\$ 22.50	\$ 24.50	\$ 24.50	\$ 22.50	\$ 21.53	\$ 21.53	\$ 21.53				\$ 21.53	\$ 22.50	\$ 22.55
	#1A Stone	Ton	\$ 22.00		\$ 23.50		\$ 24.50	\$ 23.50	\$ 24.15	\$ 24.15	\$ 24.15				\$ 24.15		\$ 21.45
	3/8" Washed Stone	Ton	\$ 20.00		\$ 24.00			\$ 24.00	\$ 24.15		\$ 24.15		\$ 24.15		\$ 24.15		\$ 23.65
	#1A Washed Stone	Ton	\$ 21.00		\$ 24.00	\$ 26.00	\$ 26.00	\$ 24.00	\$ 24.15	\$ 24.15	\$ 24.15		\$ 24.15		\$ 24.15		\$ 23.65
	#1B Stone	Ton	\$ 22.00		\$ 22.75		\$ 23.00	\$ 22.75	\$ 24.15	\$ 24.15	\$ 24.15				\$ 24.15		\$ 23.10

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT	Barre Stone Products, Inc. Albion, NY	Dolomite Products Co., Inc. Gates, NY	Dolomite Products Co., Inc. LeRoy, NY	Dolomite Products Co., Inc. Ogden, NY	Dolomite Products Co., Inc. Penfield, NY	Dolomite Products Co., Inc. Walworth, NY	Heidelberg Materials Northeast-NY LLC Butler, NY	Heidelberg Materials Northeast-NY LLC Clarendon, NY	Heidelberg Materials Northeast-NY LLC Honeoye Falls, NY	Heidelberg Materials Northeast-NY LLC McKee Road	Heidelberg Materials Northeast-NY LLC Oaks Corners, NY	Heidelberg Materials Northeast-NY LLC Scottsville Road	Heidelberg Materials Northeast-NY LLC Stafford, NY	Iroquois Rock Products Brockport, NY	Syracuse Sand & Gravel, LLC Sodus, NY
Item 7 Stone Aggregates (Quarry)	#1B Washed Stone	Ton	\$ 22.00			\$ 24.00		\$ 24.00	\$ 24.15	\$ 24.15	\$ 24.15				\$ 24.15		\$ 23.65
	#1 ST Washed Stone	Ton	\$ 22.00		\$ 24.00			\$ 24.00									
	#1 & #2 Stone (Dry)	Ton	\$ 19.50		\$ 21.00		\$ 23.00	\$ 21.00	\$ 21.53	\$ 21.53	\$ 21.53		\$ 21.53		\$ 21.53		\$ 22.55
	#1 & #2 Stone (Washed)	Ton	\$ 19.50				\$ 25.00	\$ 22.50	\$ 21.53	\$ 21.53	\$ 21.53		\$ 21.53		\$ 21.53	\$ 22.50	\$ 23.65
	#2 Stone	Ton	\$ 19.00	\$ 28.50	\$ 21.00		\$ 23.00	\$ 21.00	\$ 21.53	\$ 21.53	\$ 21.53				\$ 21.53	\$ 21.00	\$ 22.00
	#2 Washed Stone	Ton	\$ 19.00			\$ 24.50	\$ 24.50	\$ 22.50	\$ 21.53	\$ 21.53	\$ 21.53				\$ 21.53	\$ 22.50	\$ 23.10
	#3 Stone	Ton	\$ 19.00		\$ 21.00		\$ 23.00	\$ 21.00			\$ 21.53				\$ 21.53	\$ 21.00	\$ 22.00
	#4 Stone	Ton	\$ 19.00														\$ 22.00
	#4A Stone	Ton	\$ 19.00		\$ 21.00		\$ 23.00	\$ 21.00									\$ 22.00
	#5 Stone	Ton	\$ 19.00														
	Screened Gravel	Ton															
	Recycled Concrete	Ton	\$ 12.00	\$ 10.00							\$ 10.50				\$ 10.50		
	Stone Filling (Fine)	Ton	\$ 20.00						\$ 25.20		\$ 25.20				\$ 25.20		\$ 22.00
	Stone Filling (Light)	Ton	\$ 20.00		\$ 25.00	\$ 26.00	\$ 26.00	\$ 26.00	\$ 25.20		\$ 25.20				\$ 25.20		\$ 24.20
	Stone Filling (Medium)	Ton	\$ 25.00			\$ 32.00	\$ 32.00	\$ 32.00	\$ 33.60		\$ 33.60				\$ 33.60		\$ 29.15
	Stone Filling (Heavy)	Ton	\$ 42.00			\$ 50.00	\$ 50.00	\$ 50.00	\$ 42.00		\$ 42.00				\$ 42.00		\$ 40.15
	Rip Rap	Ton	\$ 95.00				\$ 60.00	\$ 60.00	\$ 52.50		\$ 52.50				\$ 52.50		\$ 48.40

ITEM	MATERIAL	UNIT	Barre Stone Products, Inc. Albion, NY	Dolomite Products Co., Inc. Gates, NY	Dolomite Products Co., Inc. LeRoy, NY	Dolomite Products Co., Inc. Ogden, NY	Dolomite Products Co., Inc. Penfield, NY	Dolomite Products Co., Inc. Walworth, NY	Heidelberg Materials Northeast-NY LLC Butler, NY	Heidelberg Materials Northeast-NY LLC Clarendon, NY	Heidelberg Materials Northeast-NY LLC Honeoye Falls, NY	Heidelberg Materials Northeast-NY LLC McKee Road	Heidelberg Materials Northeast-NY LLC Oaks Corners, NY	Heidelberg Materials Northeast-NY LLC Scottsville Road	Heidelberg Materials Northeast-NY LLC Stafford, NY	Iroquois Rock Products Brockport, NY	Syracuse Sand & Gravel, LLC Sodus, NY
Item 7 Stone Aggregates (Quarry)	Plant Mixing of Aggregates	Ton															

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT	Dolomite Products Co., Inc. Palmyra, NY	Syracuse Sand & Gravel, LLC Phelps, NY	Taouk Development, LLC Gates, NY	Valley Sand & Gravel Caledonia, NY
Item 7 Stone Aggregates (Gravel Pit)	5/8" Crushed Stone	Ton				
	5/8" Crusher Run	Ton				
	#1 Crushed Stone	Ton	\$ 20.00	\$ 26.68		
	#1 Crusher Run	Ton		\$ 21.73		
	#2 Crushed Stone	Ton	\$ 20.00	\$ 26.68		
	#2 Crusher Run	Ton		\$ 21.73		
	#3 Crusher Run	Ton				
	Crushed Stone Screenings	Ton				
	#1 Washed Crushed Stone	Ton	\$ 21.00			\$ 18.50
	#1A Stone	Ton	\$ 23.00	\$ 33.28		\$ 18.50
	3/8" Washed Stone	Ton	\$ 23.00			\$ 18.50
	#1A Washed Stone	Ton	\$ 23.00			\$ 18.50

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT	Dolomite Products Co., Inc. Palmyra, NY	Syracuse Sand & Gravel, LLC Phelps, NY	Taouk Development, LLC Gates, NY	Valley Sand & Gravel Caledonia, NY
Item 7 Stone Aggregates (Gravel Pit)	#1B Stone	Ton				
	#1B Washed Stone	Ton				
	#1 ST Washed Stone	Ton				
	#1 & #2 Stone (Dry)	Ton		\$ 137.78		
	#1 & #2 Stone (Washed)	Ton				\$ 15.00
	#2 Stone	Ton	\$ 20.00	\$ 26.68		\$ 15.00
	#2 Washed Stone	Ton	\$ 21.00			\$ 15.00
	#3 Stone	Ton		\$ 33.28		
	#4 Stone	Ton		\$ 33.28		
	#4A Stone	Ton				
	#5 Stone	Ton				
	Screened Gravel	Ton		\$ 16.23		

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT	Dolomite Products Co., Inc. Palmyra, NY	Syracuse Sand & Gravel, LLC Phelps, NY	Taouk Development, LLC Gates, NY	Valley Sand & Gravel Caledonia, NY
Item 7 Stone Aggregates (Gravel Pit)	Recycled Concrete	Ton			\$ 12.00	
	Stone Filling (Fine)	Ton				
	Stone Filling (Light)	Ton				
	Stone Filling (Medium)	Ton				
	Stone Filling (Heavy)	Ton				
	Rip Rap	Ton				
	Plant Mixing of Aggregates	Ton				

ITEM	MATERIAL	UNIT	Barre Stone Products, Inc. Albion, NY	Dan Gernatt Gravel Products Collins, NY	Dolomite Products Co., Inc. Gates, NY	Dolomite Products Co., Inc. Palmyra, NY	Dolomite Products Co., Inc. Penfield, NY	Herb Boyce Grading Co. Inc. Fairport, NY	Herb Boyce Grading Co. Inc. Webster, NY	Iroquois Rock Products Brockport, NY	Macedon Excavating and Paving Macedon, NY	RAL Landscape Inc. Hilton, NY	Randsco Pipeline Inc. Macedon, NY	Spallina Materials, Inc. Pavilion, NY	Spallina Materials, Inc. West Bloomfield, NY	Syracuse Sand & Gravel, LLC Phelps, NY	Taouk Development, LLC Gates, NY	Valley Sand & Gravel Caledonia, NY
Item 8	Topsoil – Screened	Ton	\$ 18.00												\$ 23.50	\$ 27.50		
	Topsoil – Screened	Cubic Yard (CY)						\$ 25.00	\$ 25.00		\$ 23.00	\$ 30.00	\$ 30.00				\$ 30.00	
	Topsoil – Unscreened	Ton	\$ 16.00												\$ 17.90	\$ 22.00		
	Topsoil – Uncreened	Cubic Yard (CY)						\$ 20.00	\$ 20.00			\$ 20.00					\$ 18.00	
Item 9	Fill Dirt Material	Ton	\$ 7.00												\$ 7.00	\$ 11.00		
	Fill Dirt Material	Cubic Yard (CY)										\$ 15.00					\$ 8.00	
Item 10	Compost Topsoil	Ton													\$ 44.95	\$ 44.00		
	Compost Topsoil	Cubic Yard (CY)										\$ 48.00						
Item 11	Select Structual Fill	Ton	\$ 12.00											\$ 11.00	\$ 10.00	\$ 16.23		\$ 10.00
	Select Structual Fill	Cubic Yard (CY)																
Item 12	Mortar Sand	Ton	\$ 19.00	\$ 17.00											\$ 25.00	\$ 13.48		
	Grout Sand	Ton	\$ 19.00															
	Concrete Sand	Ton	\$ 19.00		\$ 26.75	NB	\$ 26.75			\$ 26.75						\$ 26.40		\$ 15.00
	Snow and Ice Control Sand – Abrasive Gradation A	Ton	\$ 21.00		\$ 20.00	\$ 7.50	\$ 20.00			\$ 20.00				\$ 10.00	\$ 14.95	\$ 26.40		\$ 5.00
	Snow and Ice Control Sand – Abrasive Gradation B	Ton	\$ 21.00		\$ 20.00	\$ 7.50	\$ 20.00			\$ 20.00				\$ 10.00	\$ 14.95	\$ 26.40		
Item 40	Cornell University (CU) Structural Soil	Ton		\$ 47.00														
	Cornell University (CU) Structural Soil	Cubic Yard (CY)																



2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT	UNIT PRICE	VENDOR	PRODUCT NAME
Item 13	Quikrete® Concrete Mix – 80 lb Bag	Each (EA)	\$ 6.80	Milton Rents - Rochester, NY	Sakrete Concrete Mix
	Portland Cement – 94 lb Bag	Each (EA)	\$ 21.50	Milton Rents - Rochester, NY	
	Quikrete® Mortar Mix – 80 lb Bag	Each (EA)	\$ 9.60	Milton Rents - Rochester, NY	Sakrete Type N 400 Mortar Mix
	Type S Pre Blended Mortar Mix (ASM C270) – 80 lb Bag	Each (EA)	\$ 9.10	Milton Rents - Rochester, NY	Sakrete Type S 400 Mortar Mix
	Super 5000 Concrete Mix – 80 lb Bag	Each (EA)	\$ 7.45	Milton Rents - Rochester, NY	
	Speed Crete Red Line – 50 lb Bag	Each (EA)	\$ 27.50	Milton Rents - Rochester, NY	
	Speed Crete Green Line – 50 lb Bag	Each (EA)	\$ 24.00	Milton Rents - Rochester, NY	Sika-Quick®-2500
	Speed Crete Blue Line – 50 lb Bag	Each (EA)	\$ 40.00	Milton Rents - Rochester, NY	
Item 14	Common Sewer Brick	Each (EA)	\$ 0.55	Miller Brick Company - Rochester, NY	
	Highway Common Brick – Half Height	Each (EA)	\$ 0.68	Miller Brick Company - Rochester, NY	
Item 15	Patio Pavers	Each (EA)	\$ 0.55	Miller Brick Company - Rochester, NY	
Item 16	Surface Applied Detectable Warning Unit (DWU)	Square Foot (SF)	NB	JC Smith, Inc. - Rochester, NY	Access Tile®
	Embedded Preformed Detectable Warning Unit (DWU)	Square Foot (SF)	NB	JC Smith, Inc. - Rochester, NY	Access Tile®

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT	UNIT PRICE	VENDOR	PRODUCT NAME
Item 17	Calcium Chloride – 50 lb Bag	Each (EA)	\$ 19.37	Chemung Supply Corp. - Elmira, NY	
	Delivery Cost (if Order is Less than One Pallet)	Lump Sum (LS)	\$ 125.00	Chemung Supply Corp. - Elmira, NY	
	Calcium Chloride – Pallet (50 lb Bag Cost per Pallet)	Each (EA)	\$ 22.98	Milton Rents - Rochester, NY	
Item 18	Polyethylene Snow Fence (100 ft. Roll)	Each (EA)	NB	JC Smith, Inc. - Rochester, NY	Quest® Better Barriers™
Item 19	Orange Plastic Safety Fence (100 ft. Roll)	Each (EA)	\$ 24.50	Chemung Supply Corp. - Elmira, NY	
Item 20	Wood Snow Fence (50 ft. Roll)	Each (EA)	\$ 75.00	Chemung Supply Corp. - Elmira, NY	
Item 21	Green Steel U-Channel Post	Each (EA)	\$ 20.46	Chemung Supply Corp. - Elmira, NY	
Item 22	Steel Traffic Sign Post (Square Tubing) 1 3/4" x 1 3/4" x 10'	Each (EA)	\$ 36.45	Chemung Supply Corp. - Elmira, NY	
	Steel Traffic Sign Post (Square Tubing) 2" x 2" x 10'	Each (EA)	\$ 39.55	Chemung Supply Corp. - Elmira, NY	
	Steel Traffic Sign Post (Square Tubing) 2 1/4" x 2 1/4" x 3'	Each (EA)	\$ 15.83	Chemung Supply Corp. - Elmira, NY	
Item 23	Steel Snow Fence Post	Each (EA)	NB	JC Smith, Inc. - Rochester, NY	Grip-Rite®

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	THICKNESS	UNIT	UNIT COST	VENDOR
Item 24	Aluminum Sign Blank – 8” x 24” (0 Holes)	0.063"	Each (EA)	\$ 4.86	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 8” x 24” (2 Holes)	0.063"	Each (EA)	\$ 3.98	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 8” x 24” (4 Holes)	0.063"	Each (EA)	\$ 4.86	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 8” x 30” (0 Holes)	0.063"	Each (EA)	\$ 5.08	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 8” x 30” (2 Holes)	0.063"	Each (EA)	\$ 5.53	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 8” x 30” (4 Holes)	0.063"	Each (EA)	\$ 5.75	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 30” Octagon (2 Holes)	0.080"	Each (EA)	\$ 23.87	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 36” Octagon (2 Holes)	0.080"	Each (EA)	\$ 33.59	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 48” Octagon (2 Holes)	0.080"	Each (EA)	\$ 53.04	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 12” x 24” (2 Holes)	0.080"	Each (EA)	\$ 7.29	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 12” x 30” (2 Holes)	0.080"	Each (EA)	\$ 9.06	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 18” x 18” (4 Holes)	0.080"	Each (EA)	\$ 8.40	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 24” x 24” (4 Holes)	0.080"	Each (EA)	\$ 14.59	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 24” x 30” (2 Holes)	0.080"	Each (EA)	\$ 17.68	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 24” x 36” (2 Holes)	0.080"	Each (EA)	\$ 21.22	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 30” x 30” (4 Holes)	0.080"	Each (EA)	\$ 26.52	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 30” x 36” (4 Holes)	0.080"	Each (EA)	\$ 31.82	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 36” x 36” (4 Holes)	0.080"	Each (EA)	\$ 11.05	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 12” x 36” (4 Holes)	0.080"	Each (EA)	\$ 17.24	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 18” x 36” (4 Holes)	0.080"	Each (EA)	\$ 10.61	US Standard Sign - Franklin Park, IL

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	THICKNESS	UNIT	UNIT COST	VENDOR
Item 24	Aluminum Sign Blank – 12” x 36” (0 Holes)	0.080"	Each (EA)	\$ 22.54	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 12” x 42” (0 Holes)	0.080"	Each (EA)	\$ 13.70	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 12” x 48” (0 Holes)	0.080"	Each (EA)	\$ 15.47	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 12” x 54” (0 Holes)	0.080"	Each (EA)	\$ 17.24	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 12” x 60” (0 Holes)	0.080"	Each (EA)	\$ 20.77	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 12” x 72” (0 Holes)	0.080"	Each (EA)	\$ 20.77	US Standard Sign - Franklin Park, IL
	Aluminum Sign Blank – 24” x 48” (6 Holes)	0.080"	Each (EA)	\$ 28.73	US Standard Sign - Franklin Park, IL

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT	UNIT PRICE	VENDOR	PRODUCT NAME
Item 25	Geotextile Bedding Fabric	Square Foot (SF)	\$ 0.210	Milton Rents - Rochester, NY	MIRAFI® FW700 (12' x 300')
Item 26	Geotextile Undercut Separation Fabric	Square Foot (SF)	\$ 0.053	Crossroads Highway Supply - Nedrow, NY	
Item 27	Biaxial Geogrid Base Reinforcement Material	Square Foot (SF)	\$ 0.099	Crossroads Highway Supply - Nedrow, NY	GBX®-11
Item 28	Geotextile Drainage Fabric	Square Foot (SF)	\$ 0.098	Milton Rents - Rochester, NY	MIRAFI® 160N (15' x 300')
	Geotextile Drainage Fabric – Permanent	Square Foot (SF)	\$ 0.098	Chemung Supply Corp. - Elmira, NY	No. 6
Item 29	Erosion Control Silt Fence (Roll)	Square Foot (SF)	\$ 0.170	Milton Rents - Rochester, NY	Hanes Geo DOT Silt Fence
Item 30	Turbidity Curtain	Square Foot (SF)	\$ 5.100	Milton Rents - Rochester, NY	
Item 31	Sediment Filtration Mat	Each (EA)	Each (EA)	No Bidders	
Item 32	Silt Filtration Dewatering Bag – 6’ x 15’	Each (EA)	\$ 72.000	Milton Rents - Rochester, NY	
	Silt Filtration Dewatering Bag – 10’ x 15’	Each (EA)	\$ 101.250	Chemung Supply Corp. - Elmira, NY	
	Silt Filtration Dewatering Bag – 15’ x 15’	Each (EA)	\$ 114.750	Chemung Supply Corp. - Elmira, NY	

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT	UNIT PRICE	VENDOR	PRODUCT NAME
Item 33	Geotextile Slope Protection	Square Foot (SF)	\$ 0.130	Milton Rents - Rochester, NY	Hanes Geo TerraTex® N08
Item 34	Centerline Delineators (500 Count) – Yellow	Each (EA)	\$ 445.000	Crossroads Highway Supply - Nedrow, NY	
	Centerline Delineators (500 Count) – White	Each (EA)	\$ 445.000	Crossroads Highway Supply - Nedrow, NY	
	Centerline Delineators – One Sided (500 Count) – White	Each (EA)	\$ 435.000	Chemung Supply Corp. - Elmira, NY	ATS Traffic TRPM-W-1

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT
Item 35	Prefabricated Steel Adjustment Rings For Manholes	Each (EA)

		DIAMETER (INCHES)								
		< 26"	VENDOR	26" - 29 3/4"	VENDOR	30" - 35 3/4"	VENDOR	36" - 39 3/4"	40" - 45"	45 1/8" - 52"
ADJUSTMENT HEIGHT (INCHES)	3/4"	\$ 130.95	Chemung Supply Corp. - Elmira, NY	\$ 137.70	Chemung Supply Corp. - Elmira, NY	\$ 151.20	Chemung Supply Corp. - Elmira, NY			
	1"	\$ 130.95	Chemung Supply Corp. - Elmira, NY	\$ 137.70	Chemung Supply Corp. - Elmira, NY	\$ 151.20	Chemung Supply Corp. - Elmira, NY			
	1 1/4"	\$ 134.16	Chemung Supply Corp. - Elmira, NY	\$ 148.95	Chemung Supply Corp. - Elmira, NY	\$ 154.41	Chemung Supply Corp. - Elmira, NY			
	1 1/2"	\$ 137.35	Chemung Supply Corp. - Elmira, NY	\$ 149.95	Chemung Supply Corp. - Elmira, NY	\$ 157.61	Chemung Supply Corp. - Elmira, NY			
	1 3/4"	\$ 140.57	Chemung Supply Corp. - Elmira, NY	\$ 150.21	Chemung Supply Corp. - Elmira, NY	\$ 160.82	Chemung Supply Corp. - Elmira, NY			
	2"	\$ 142.42	Chemung Supply Corp. - Elmira, NY	\$ 150.21	Chemung Supply Corp. - Elmira, NY	\$ 164.02	Chemung Supply Corp. - Elmira, NY			
	2 1/4"	\$ 147.06	Chemung Supply Corp. - Elmira, NY	\$ 154.41	Chemung Supply Corp. - Elmira, NY	\$ 167.91	Chemung Supply Corp. - Elmira, NY			
	2 1/2"	\$ 151.53	Chemung Supply Corp. - Elmira, NY	\$ 158.25	Chemung Supply Corp. - Elmira, NY	\$ 183.60	Chemung Supply Corp. - Elmira, NY			
	2 3/4"	\$ 163.34	Chemung Supply Corp. - Elmira, NY	\$ 170.10	Chemung Supply Corp. - Elmira, NY	\$ 183.60	Chemung Supply Corp. - Elmira, NY			
	3"	\$ 163.34	Chemung Supply Corp. - Elmira, NY	\$ 170.10	Chemung Supply Corp. - Elmira, NY	\$ 194.06	Chemung Supply Corp. - Elmira, NY			
	3 1/4"	\$ 173.81	Chemung Supply Corp. - Elmira, NY	\$ 180.55	Chemung Supply Corp. - Elmira, NY	\$ 194.06	Chemung Supply Corp. - Elmira, NY			
	3 1/2"	\$ 173.81	Chemung Supply Corp. - Elmira, NY	\$ 180.55	Chemung Supply Corp. - Elmira, NY	\$ 209.92	Chemung Supply Corp. - Elmira, NY			
	4"	\$ 189.67	Chemung Supply Corp. - Elmira, NY	\$ 196.42	Chemung Supply Corp. - Elmira, NY	\$ 217.60	Chemung Supply Corp. - Elmira, NY			
	4 1/2"	\$ 197.10	Chemung Supply Corp. - Elmira, NY	\$ 204.18	Chemung Supply Corp. - Elmira, NY	\$ 230.85	Chemung Supply Corp. - Elmira, NY			
	5"	\$ 210.60	Chemung Supply Corp. - Elmira, NY	\$ 217.25	Chemung Supply Corp. - Elmira, NY	\$ 244.35	Chemung Supply Corp. - Elmira, NY			
	5 1/2"	\$ 224.10	Chemung Supply Corp. - Elmira, NY	\$ 231.52	Chemung Supply Corp. - Elmira, NY	\$ 244.35	Chemung Supply Corp. - Elmira, NY			
	6"	\$ 224.10	Chemung Supply Corp. - Elmira, NY	\$ 231.52	Chemung Supply Corp. - Elmira, NY	\$ 251.21	Chemung Supply Corp. - Elmira, NY			

ITEM	MATERIAL	UNIT
Item 36	Prefabricated Plastic Adjustment Rings For Manholes	Each (EA)

		DIAMETER (INCHES)									
		24" (1 1/2" seat)	VENDOR	27" (1 1/2" seat)	VENDOR	30" (1 1/2" seat)	VENDOR	32" (1 1/2" seat)	VENDOR	34" (1 1/2" seat)	36" (1 1/2" seat)
ADJUSTMENT HEIGHT (INCHES)	3/4"		No Bidders		No Bidders		No Bidders		No Bidders		
	1"	\$ 115.00	Crossroads Highway Supply - Nedrow, NY	\$ 115.00	Crossroads Highway Supply - Nedrow, NY	\$ 137.00	Crossroads Highway Supply - Nedrow, NY	\$ 137.00	Crossroads Highway Supply - Nedrow, NY		
	1 1/4"		No Bidders		No Bidders		No Bidders		No Bidders		
	1 1/2"	\$ 115.00	Crossroads Highway Supply - Nedrow, NY	\$ 115.00	Crossroads Highway Supply - Nedrow, NY	\$ 137.00	Crossroads Highway Supply - Nedrow, NY	\$ 137.00	Crossroads Highway Supply - Nedrow, NY		
	1 3/4"		No Bidders		No Bidders		No Bidders		No Bidders		
	2"	\$ 115.00	Crossroads Highway Supply - Nedrow, NY	\$ 115.00	Crossroads Highway Supply - Nedrow, NY	\$ 137.00	Crossroads Highway Supply - Nedrow, NY	\$ 137.00	Crossroads Highway Supply - Nedrow, NY		
	2 1/4"		No Bidders		No Bidders		No Bidders		No Bidders		
	2 1/2"		No Bidders		No Bidders		No Bidders		No Bidders		
	2 3/4"		No Bidders		No Bidders		No Bidders		No Bidders		
	3"		No Bidders		No Bidders		No Bidders		No Bidders		
	3 1/4"		No Bidders		No Bidders		No Bidders		No Bidders		
	3 1/2"		No Bidders		No Bidders		No Bidders		No Bidders		
	4"		No Bidders		No Bidders		No Bidders		No Bidders		
	4 1/2"		No Bidders		No Bidders		No Bidders		No Bidders		
	5"		No Bidders		No Bidders		No Bidders		No Bidders		
	5 1/2"		No Bidders		No Bidders		No Bidders		No Bidders		
	6"		No Bidders		No Bidders		No Bidders		No Bidders		
	3/4" to 1 1/2" (Angled)		No Bidders		No Bidders		No Bidders		No Bidders		



2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT	UNIT PRICE	VENDOR
Item 37	Saddle Tee 4” x 12”	Each (EA)	\$ 118.41	Advanced Drainage Systems - Hilliard, OH
	Saddle Tee 4” x 15”	Each (EA)	\$ 125.79	Advanced Drainage Systems - Hilliard, OH
	Saddle Tee 4” x 18”	Each (EA)	\$ 205.71	Advanced Drainage Systems - Hilliard, OH
	Saddle Tee 4” x 24”	Each (EA)	\$ 210.57	Advanced Drainage Systems - Hilliard, OH
	Saddle Tee 4” x 30”	Each (EA)	\$ 310.90	Advanced Drainage Systems - Hilliard, OH
	Saddle Tee 4” x 36”	Each (EA)	\$ 386.55	Advanced Drainage Systems - Hilliard, OH
	Saddle Tee 6” x 12”	Each (EA)	\$ 123.25	Advanced Drainage Systems - Hilliard, OH
	Saddle Tee 6” x 15”	Each (EA)	\$ 163.89	Advanced Drainage Systems - Hilliard, OH
	Saddle Tee 6” x 18”	Each (EA)	\$ 230.73	Advanced Drainage Systems - Hilliard, OH
	Saddle Tee 6” x 24”	Each (EA)	\$ 250.78	Advanced Drainage Systems - Hilliard, OH
	Saddle Tee 6” x 30”	Each (EA)	\$ 328.05	Advanced Drainage Systems - Hilliard, OH
	Saddle Tee 6” x 36”	Each (EA)	\$ 413.04	Advanced Drainage Systems - Hilliard, OH
	Clay Adapter 3”	Each (EA)		No Bidders
	Clay Adapter 4”	Each (EA)		No Bidders
	Clay Adapter 6”	Each (EA)		No Bidders

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT	UNIT PRICE	VENDOR
Item 37	Snap T's 4'' x 4''	Each (EA)	\$ 41.72	Advanced Drainage Systems - Hilliard, OH
	Snap T's 6'' x 4''	Each (EA)	\$ 92.28	Advanced Drainage Systems - Hilliard, OH
	Snap T's 6'' x 6''	Each (EA)	\$ 58.03	Advanced Drainage Systems - Hilliard, OH

Item 38	12" PVC Drain Basin	Each (EA)		All Bids Rejected
	12" Cast Iron Frame and Hinged Grate	Each (EA)		All Bids Rejected
	12'' PVC Drain Basin, Cast Iron Frame, and Hinged Grate	Each (EA)		All Bids Rejected

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

Item 39 Option A – Organic Snow and Ice Control Product Furnished and Delivered

ITEM	PRODUCT NAME	PRODUCT COLOR	% BLEND (w/ Chloride Liquid)	CHLORIDE LIQUID TYPE	UNIT	UNIT PRICE	VENDOR
Item 39 Option A	Magic Minus Zero	Brown	80% Chloride 20% Molasses	Magnesium	Gallon (GAL)	\$ 1.66	Innovative Municipal Products "US" Inc. - Glenmont, NY
	ProMelt Ultra 2000 INH	Clear or Blue	80% Chloride 20% Corn Syrup	Magnesium	Gallon (GAL)	\$ 1.76	Innovative Municipal Products "US" Inc. - Glenmont, NY
	ProMelt Ultra 1000 INH	Clear or Blue	90% Chloride 10% Corn Syrup	Magnesium	Gallon (GAL)	\$ 1.59	Innovative Municipal Products "US" Inc. - Glenmont, NY
	ProMelt Mag 26% INH	Clear	26% Chloride	Magnesium	Gallon (GAL)	\$ 1.33	Innovative Municipal Products "US" Inc. - Glenmont, NY
	Ice Ban 30/70	Black	30%	Calcium Chloride	Gallon (GAL)	\$ 1.25	Millenium Roads, LLC - Lyndonville, NY

Item 39 Option B – Organic Snow and Ice Control Product Furnished, Delivered, and Mixed

ITEM	PRODUCT NAME	PRODUCT COLOR	% BLEND (w/ Chloride Liquid)	CHLORIDE LIQUID TYPE	UNIT	UNIT PRICE	VENDOR
Item 39 Option B	Ice Ban 30/70	Black	30%	Calcium Chloride	Gallon (GAL)	\$ 1.40	Millenium Roads, LLC - Lyndonville, NY

\*\*\*NOTE: The Bid Award (Base Prices) Sheet for Item 40 is on the same sheet as Items 8-12.\*\*\*

2024 HIGHWAY MATERIALS - GROUP 2  
BID AWARDS (BASE PRICES)  
BP 0102-24

ITEM	MATERIAL	UNIT	UNIT PRICE	VENDOR	PRODUCT NAME
Item 41	Bagged Grass Seed General Mix (Highway Blend) – 50 LB Bag	Each (EA)	\$ 131.05	SiteOne Landscape Supply - Rochester, NY	General Mix - Highway
	Bagged Grass Seed Premium Mix (Pure Waters Blend) – 50 LB Bag	Each (EA)	\$ 128.05	SiteOne Landscape Supply - Rochester, NY	Pure Water Blend
	Bagged Grass Seed Annual Ryegrass – 50 LB Bag	Each (EA)	\$ 47.79	SiteOne Landscape Supply - Rochester, NY	Annual Ryegrass
	Bagged Grass Seed Quick Grow/Triple Perennial Ryegrass (Mill Seat Blend) – 50 LB Bag	Each (EA)	\$ 116.65	SiteOne Landscape Supply - Rochester, NY	Quick Grow
Item 42	Hydroseed Mulch (Cellulose-Paper)	Pound (LB)	\$ 0.53	SiteOne Landscape Supply - Rochester, NY	Cellulose Mulch (#084716-20)
	Hydroseed Mulch (Wood and Cellulose Fiber Mixture)	Pound (LB)	\$ 0.48	SiteOne Landscape Supply - Rochester, NY	Lesco Mulch Blend (#089779)
	Hydroseed Tackifier	Pound (LB)	\$ 6.62	SiteOne Landscape Supply - Rochester, NY	Profile ConTack Tackifier