CONTRACT DATA SHEET

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

TITLE:	Highway Materials – Group II
CONTRACT #:	0218-09
CONTRACT DATES:	4/1/09-3/31/10
BUYER: **PHONE:** **FAX:**	Sharon A. Berndt 585/753-1110 585/753-1104
VENDOR(S):	various

BP 0218-09
HIGHWAY MATERIALS-GROUP II

SAP Contract#	VENDOR
4700006533	104 CONTRACTORS INC PO BOX 46 UNION HILL NY 14563 585-265-2070
4700006534	ALLIED BUILDING PRODUCTS KEYSTONE DIVISION 1075 BUFFALO ROAD ROCHESTER NY 14624-1814 585-328-1300
4700006535	AMERICAN GREEN LANDSCAPE 2368 MANITOU ROAD SPENCERPORT NY 14559-2052 585-352-4843
4700006563	AMERICAN RENTALS LLC - VOLVO RENTS 299 JEFFERSON ROAD ROCHESTER NY 14623-2424 585-292-9870
4700006536	AMERICAN TOPSOIL & TRUCKING PO BOX 292 PALMYRA NY 14522 315-597-8803
4700006537	BARRE STONE PRODUCTS INC 14120 WEST LEE ROAD ALBION NY 14411-9327 585-589-4481
4700006538	BEEHLER CONSTRUCTION INC 1407 HAMLIN-PARMA T.L. ROAD HILTON NY 14468 585-392-2979
4700006539	BRENWOOD INC PO BOX 155 NORTH GREECE NY 14515 585-330-5321
4700006540	CHEMUNG SUPPLY CORPORATION PO BOX 527 ELMIRA NY 14902-0527 607-733- 5506
4700006541	CROSSROADS HIGHWAY SUPPLY INC 103 MARY LANE NEDROW NY 13120-1122 315-478-1824
4700006542	DOLOMITE PRODUCTS CO INC 1150 PENFIELD ROAD ROCHESTER NY 14625-2202 585-381-7010
4700006543	EAGLE HARBOR SAND & GRAVEL INC 10830 BLAIR ROAD MEDINA NY 14103 585-798-4501

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HIGHWAY MATERIALS-GROUP II

SAP Contract#	VENDOR
4700006544	ELAM SAND & GRAVEL CORPORATION PO BOX 65 WEST BLOOMFIELD NY 14585-0065 585-657-8001
4700006545	FULL CYCLE SOIL INC 783 WANGUM ROAD PO BOX 436 FISHERS NY 14453 585-924-5200
4700006546	HAMLIN SAND & GRAVEL INC PO BOX 24 HAMLIN NY 14464 585-964-3128
4700006547	HANSON AGGREGATES NEW YORK INC 6895 ELLICOTT STREET PAVILION NY 14525-9614 585-584-8840
4700006557	HIGH POINT MILLS INC 1225 LEHIGH STATION ROAD HENRIETTA NY 14467 585-334-4574
4700006548	I M U S INC 9035 DRIFTWOOD DRIVE AVA NY 13303 800-387-5777
4700006549	IROQUOIS ROCK PRODUCTS INC 1150 PENFIELD ROAD ROCHESTER NY 14625-2202 585-637-6834
4700006550	KEELER CONSTRUCTION CO INC 13519 WEST LEE ROAD ALBION NY 14411-9345 585-589-4481
4700006551	MACEDON LANDSCAPING INC 1711 NORTH WAYNEPORT ROAD MACEDON NY 14502-9198 585-223-6421
4700006553	MANITOU CONCRETE COMPANY INC 1260 JEFFERSON ROAD ROCHESTER NY 14623 585-424-6410
4700006552	MANITOU PARMA LAND COMPANY LLC 1662 MANITOU ROAD ROCHESTER NY 14626 585-352-0760

BP 0218-09
HIGHWAY MATERIALS-GROUP II

SAP Contract#	VENDOR
4700006554	MONROE ROADWAYS INC 300 HOGAN ROAD FAIRPORT NY 14450-8414 585-223-2660
4700006555	MORRISON EXCAVATING INC 740 QUAKER ROAD MACEDON NY 14502 585-454-1220
4700006556	NORTHERN NURSERIES INC 7532 PITTSFORD-PALMYRA ROAD FAIRPORT NY 14450 585-223-3311
4700006558	R M LANDSCAPE INDUSTRIES INC 293 PECK ROAD HILTON NY 14468 585-392-7120
4700006559	ROCHESTER ASPHALT MATERIALS INC 1150 PENFIELD ROAD ROCHESTER NY 14625 585-381-1901
4700006560	SOIL SIFTERS INC 961 HAMLIN CENTER ROAD HAMLIN NY 14464 585-964-5795
4700006561	SYRACUSE CASTINGS SALES CORP PO BOX 1821 CICERO NY 13039-1821 315-699-2601
4700006562	VALLEY SAND & GRAVEL INC 94 RIVER ROAD PO BOX 220 SCOTTSVILLE NY 14546 585-889-3078

TERMS AND CONDITIONS

BID ITEM:	**HIGHWAY MATERIALS – GROUP II**
FOR:	**Department of Transportation**
DEPARTMENT CONTACT:	**Timothy Frelier, (585) 753-7731**
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. **COPIES AND FACSIMILES ARE NOT ACCEPTABLE.** All bidders must submit proof that they have obtained the required **Workers' Compensation** and **disability benefits** coverage or proof that they are exempt.
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.
WAGE RATES:	Contractor agrees to comply with the provisions of the New York State Labor Law relating to the payment of prevailing wage rates to the extent that such rules may be applicable to the Contractor. Wage rates may be obtained at www.labor.state.ny.us
QUANTITIES:	The quantities listed are the estimated annual requirements and should not be construed to represent either maximum or minimum quantities to be ordered during the contract term. **Estimates are based upon actual annual usage for 2006 by County departments only.**

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 only when the price offered is great enough to offset the additional costs inherent to multiple contracts.** Bidders **are not required to bid on every Group included in the bid; however, they must bid on every item within each Group in order to be considered. 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 **March 31, 2010**, with the option to renew the contract up to four (4) additional twelve (12) month periods with the mutual consent of both parties.

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.

MINIMUM ORDER: No minimum order is specified for this contract. Agencies must be able to order as needed. **Political subdivisions and others authorized by law may participate in this contract**.

DELIVERY:

All deliveries to be F.O.B. Monroe County to agency as specified by a Purchase Order. Delivery costs must be built into the unit prices bid. Deliveries must be made within **two (2) weeks** 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 services 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 his 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.

SECURITIES AND INSURANCE:

Any Certificate of Insurance, Bonds or other forms of security required by this bid are to be submitted to the Purchasing Manager no later than ten (10) normal business days following the date of notification of award. Documents must be received by the close of business, 5:00 PM, on that day.

COMPLIANCE WITH THE LAW:

The Contractor agrees to procure all necessary licenses and permits. The Contractor shall comply with all laws, rules and regulations pertaining to the payment of wages and all other matters applicable to the work performed under this contract.

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 his 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 political subdivision or district located in New York State. 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.

INSURANCE REQUIREMENTS
INDEMNIFICATION

The Contractor shall procure and maintain at his own expense until final completion of the work covered by the Contract, insurance for liability for damages imposed by law of the kinds and in the amounts hereinafter provided, issued by insurance companies authorized to do business in the State of New York, covering all operations under the Contract whether performed by the Contractor or by his subcontractors. Monroe County must be named as Additional Insured on all policies.

Within ten (10) days after notice of award, the Contractor shall furnish to the County a certificate or certificates of insurance in a form satisfactory to the Monroe County Attorney (a sample form is attached to these specifications) showing that he has complied with all insurance requirements set forth herein, which certificate or certificates shall provide that the policies shall not be changed or canceled until thirty (30) days written notice has been given to the County. Except for Workers' Compensation Insurance, no insurance required herein shall contain any exclusion of municipal operations performed in connection with the Contract resulting from this bid solicitation. The kinds and amounts of insurance are as follows:

A. **WORKERS' COMPENSATION AND DISABILITY INSURANCE:** A policy covering the operations of the Contractor in accordance with the provisions of Chapter 41 of the Laws of 1914, as amended, known as the Workers' Compensation Law, covering all operations under Contract, whether performed by him or by his subcontractors. The Contract shall be void and of no effect unless the person or corporation making or executing same shall secure compensation coverage for the benefits of and keep insured during the life of said Contract, such employees in compliance with the provisions of the Workers' Compensation Law know as the Disability Benefits Law (Chapter 600 of the Laws of 1949) and amendments hereto.

B. **LIABILITY AND PROPERTY DAMAGE INSURANCE:**

(1) CONTRACTOR'S GENERAL LIABILITY INSURANCE issued to the Contractor and covering the liability for damages imposed by law upon the Contractor with respect to all work performed by him under the within Contract. All of the following coverages shall be included:

Comprehensive Form
Premises-Operations
Products/Completed Operations
Contractual Insurance covering the Hold Harmless Provision
Broad Form Property Damage
Independent Contractors
Personal injury

(2) Unless otherwise specifically required by special specifications, each policy shall have limits of not less than the following:

BODILY INJURY LIABILITY	PROPERTY DAMAGE LIABILITY	AGGREGATE
Each Occurrence $1,000,000	Each Occurrence $1,000,000	$3,000,000

C. **MOTOR VEHICLE INSURANCE** issued to the Contractor and covering public liability and property damage on the Contractor's vehicles in the amount of:

BODILY INJURY LIABILITY	PROPERTY DAMAGE LIABILITY	AGGREGATE
Each Occurrence $1,000,000	Each Accident $1,000,000	$3,000,000

A sample insurance certificate is included with these specifications. All categories and amounts of insurance required for this bid project have been checked off on the sample. These are the minimum requirements that the Contractor must supply. Failure to supply a satisfactory certificate within ten (10) days after receipt of Notice of Award may result in the cancellation of the award.

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

PRODUCER

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A:	
INSURER B:	
INSURER C:	
INSURER D:	
INSURER E:	

INSURED

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS	
		GENERAL LIABILITY				EACH OCCURRENCE	$ 1,000
		X COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence)	$
		CLAIMS MADE X OCCUR				MED EXP (Any one person)	$
						PERSONAL & ADV INJURY	$
						GENERAL AGGREGATE	$ 3,000
		GEN'L AGGREGATE LIMIT APPLIES PER:				PRODUCTS-COMP/OP AGG	$
		POLICY X PROJECT LOC					
		AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident)	$ 3,000
		ANY AUTO					
		X ALL OWNED AUTOS				BODILY INJURY (Per person)	$ 1,000
		SCHEDULED AUTOS					
		X HIRED AUTOS				BODILY INJURY (Per accident)	$ 1,000
		X NON-OWNED AUTOS					
						PROPERTY DAMAGE (Per accident)	$ 1,000
		GARAGE LIABILITY				AUTO ONLY – EA ACCIDENT	$
		ANY AUTO				OTHER THAN AUTO ONLY: EA ACC	$
						AGG	$
		EXCESS/UMBRELLA LIABILITY				EACH OCCURRENCE	$
		OCCUR CLAIMS MADE				AGGREGATE	$
							$
		DEDUCTIBLE					$
		RETENTION $					$
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATUTORY LIMITS / OTHER	
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				E.L. EACH ACCIDENT	$
		If yes, describe under SPECIAL PROVISIONS below	INSERT #			E.L. DISEASE-EA EMPLOYEE	$
						E.L. DISEASE-POLICY LIMIT	$
		OTHER					

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

REFER TO BID PROJECT #0218-09 HIGHWAY MATERIALS – GROUP II

COUNTY MUST BE NAMED AS ADDITIONAL INSURED.

CERTIFICATE HOLDER

County of Monroe
Department of Purchasing
39 West Main Street, Room 200
Rochester, NY 14614
Attn: Sharon A. Berndt

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

ACORD 25 (2001/08)

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IMPORTANT

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s) representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

NOTICE OF JOB VACANCIES

a) The contractor recognizes the continuing commitment on the part of Monroe County to assist those receiving temporary assistance to become employed in jobs for which they are qualified and the County's need to know when jobs become available in the community.

b) The contractor agrees to notify the County when the contractor has or is about to have a job opening for a full time position within Monroe County or any contiguous county. Such notice shall be given as soon as practicable after the contractor has knowledge that a job opening will occur. The notice shall contain information that will facilitate the identification and referral of appropriate candidates in a form and as required by the Employment Coordinator. This would include at least a description of conditions for employment, including the job title and information concerning wages, hours per work week, location and qualifications (education and experience).

c) Notice shall be given in writing to:

Employment Coordinator
Monroe County Department of Human and Health Services
Rm 535
691 St. Paul St.
Rochester, NY 14605
Telephone: (585) 753-6322
Fax: (585) 753-6308

d) The contractor recognizes that this is an opportunity to make a good faith effort to work with Monroe County for the benefit of the community. Nothing contained in this provision, however, shall be interpreted as an obligation on the part of the contractor to employ any individual who may be referred by or through the County for job openings as a result of the above notice. Any decisions made by the contractor to hire any individual referred by or through the County shall be voluntary and based solely upon the contractor's job requirements and the individual's qualifications for the job, as determined by the contractor.

e) If the contractor is a local municipality within Monroe County, said municipality shall be subject to the above subparagraphs, except that said municipalities shall not be required to give notice where the position is subject to a published civil service list.

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 Five Hundred Thousand and no/100 Dollars ($500,000.00) 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 Five Hundred Thousand and no/100 Dollars ($500,000.00) 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

2009 Highway Material Group II

Technical Specifications

Item numbers are not included in the specifications or bid price sheets. The specification item description will provide the reference between the technical specification and the item bid sheet proposal.

ITEM _____ ASPHALT CONCRETE HOT MIX COURSES

DESCRIPTION:

Provide asphalt concrete material at the vendor's plant F.O.B. utilizing County trucks.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 400, latest revision, for asphalt concrete materials with the following exceptions.

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

Sieve	Flexible Overlay/ Smooth Seal	Flexible Top	MC1 Binder
	% Passing	% Passing	% Passing
1"		100	100
½"	100	95 – 100	90 – 100
¼"	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 made produced utilizing performance graded binders meeting the criteria for PG 64-28:

True & Leveling F9, Superpave HMA, (< 0.3 M ESAL's)
True & Leveling F9, Superpave HMA, (< 3 M ESAL's)
Shim Course F9, Superpave HMA, (< 0.3 M ESAL's)
Shim Course F9, Superpave HMA, (< 3 M ESAL's)
6.3mm F2 Polymer modified HMA (< 3 M ESAL's)
Top Course 9.5 mm F2 Superpave HMA, (< 0.3 M ESAL's)
Top Course 9.5 mm F2 Superpave HMA, (< 3 M ESAL's
Top Course 12.5 mm F2 Superpave HMA, (< 0.3 M ESAL's)
Top Course 12.5 mm F2 Superpave HMA, (< 3M ESAL's)
Binder Course 19 mm F9 Superpave HMA, (< 0.3 M ESAL's)
Binder Course 19 mm F9 Superpave HMA, (< 3 M ESAL's)

ASPHALT PRICE ADJUSTMENTS:

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

BASIS OF AWARD:

The County or a local municipal subdivision will select the asphalt vendor 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 $0.40 per english ton of asphalt per mile.
2. Paver cost.
3. Material cost.
4. Production rate of asphalt material for project at the plant.
5. The County reserves the right to select the asphalt vendor for projects that do not require a paver and/or are less than 200 english tons per day.

QUALIFICATION OF BIDDER:

No bid will be considered unless firm submitting same can meet the following conditions:

1. That it 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 these contracts shall be produced in an approved bituminous mixing plant meeting the requirements outlined in Section 401 or 402 of the New York State Department of Transportation Standard Specifications, latest revision. An approved plant shall be in operation at the location indicated by bidder herein within the (12) twelve month period prior to the bid opening date.

3. Bidder must indicate in the Invitation for Bids, plant locations and/or the NYS DOT Facility number from which material will be supplied in the event of award.

METHOD OF MEASUREMENT:

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

BASIS OF PAYMENT:

The bid price will be for material by the English ton

Payment will be made under:

Item No.	Item Description	Pay Unit
	Type 1 Base Course	Ton
	Type 1 Base Course (Recycled)	Ton
	Type 3 Binder Course	Ton
	Type 3 Binder Course (Recycled)	Ton
	Type MC1 Binder Course	Ton
	Type MC1 Binder Course (Recycled)	Ton
	Type 5 Shim Course	Ton
	Type 6F Top Course	Ton
	Type 6F Top Course (Recycled)	Ton
	Type 7F Top Course	Ton
	Type 7F Top Course (Recycled)	Ton
	Flexible Overlay/Smooth Seal	Ton
	Flexible Top	Ton
	6.3mm F2 Polymer modified HMA	Ton
	True & Leveling F9, Superpave HMA, (< 0.3 M ESAL's)	Ton
	True & Leveling F9, Superpave HMA, (< 3 M ESAL's)	Ton
	Shim Course F9, Superpave HMA, (< 0.3 M ESAL's)	Ton
	Shim Course F9, Superpave HMA, (< 3 M ESAL's)	Ton
	Top Course 9.5 mm F2 Superpave HMA, (< 0.3 M ESAL's)	Ton
	Top Course 9.5 mm F2 Superpave HMA, (< 3 M ESAL's)	Ton
	Top Course 12.5 mm F2 Superpave HMA, (< 0.3 M ESAL's)	Ton
	Top Course 12.5 mm F2 Superpave HMA, (< 3M ESAL's)	Ton
	Binder Course 19 mm F9 Superpave HMA, (< 0.3 M ESAL's)	Ton
	Binder Course 19 mm F9 Superpave HMA, (< 3 M ESAL's)	Ton

ITEM _____PLANT MIXED ASPHALT PATCHING MATERIAL

DESCRIPTION:

This material shall be a plant mixed pavement 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.

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

MATERIAL REQUIREMENT:

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 section NYSDOT Section 703-01, Fine Aggregate. Course aggregate shall conform to 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 NYSDOT Section 703-08, Mineral Filler.
3. Bituminous Materials - The bituminous material shall conform to the requirements outlined in NYSDOT Section 702, Bituminous Materials, or the Producer may elect to use an alternative bituminous material with or without modifying agents. Prior approval shall be obtained from the Associate Engineer - Highways for the use of alternative materials. For any bituminous material not listed in NYSDOT Section 702, Bituminous Materials, the Producer shall provide specifications for the alternative material to the Associate Engineer – Highways for approval.
4. Anti-Stripping Mixtures - An anti-stripping agent approved by the Associate Engineer - Highways 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 Producer shall submit a Job Mix Formula on forms available at the NYSDOT Regional Offices. The following information shall be provided with the Job Mix Formula submission:

a. Aggregate gradation band and aggregate types.
b. Bituminous Material - amount and type.
c. Fiber Material - description and quantity.
d. Description and quantities of additives, if used.
e. Temperature ranges for material preparation.

ITEM _____PLANT MIXED ASPHALT PATCHING MATERIAL

The Job Mix Formula shall be submitted to MCDOT for approval.. The Job Mix Formula shall be approved by the Associate Engineer – Highways and received by the Producer 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	-				
½”	95 - 100	-	100	-	100	-
¼”	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

(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 215 deg. F. The net mixing time shall be sufficient to insure uniform coating after all materials are in the pugmill. Preparation of the mixture shall conform to the specification requirements outlined in NYSDOT Section 401, Plant Mix Pavements - General, except that automatic proportioning and recording equipment is not required.

Inspection, Testing & Acceptance: The Producer shall contact the MCDOT Associate Engineer – Highways having jurisdiction for his plant to arrange for an independent testing firm’s Inspector 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 Department 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 deg. 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.

The initial approval of a mixture 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 quantity of material to be paid for shall be measured by the English Ton.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Item Description	Pay Unit
	Plant Mixed Asphalt Patching Material	Ton

ITEM _____MODIFIED PLANT MIXED ASPHALT PATCHING MATERIAL

DESCRIPTION:

This material shall be a plant mixed pavement 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.

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

MATERIAL REQUIREMENT:

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 section NYSDOT Section 703-01, Fine Aggregate. Course aggregate shall conform to 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 NYSDOT Section 703-08, Mineral Filler.
3. Bituminous Materials - The bituminous material shall be one of the following or an approved equal:

BRAND NAME	SUPPLIER
UPM	UNIQUE PAVING MATERIALS
MC-400P	KOCH MATERIALS CO.
QPR	QPR, A DIVISION OF LAGARGE N.A.
SK-MOD	SUIT KOTE CORP.
NORJOHN SPC	NORJOHN LTD.
DUROPATCH 115	GORMAN BROS.
I.A.R.	I.M.U.S., INC.
MAC-V	MIDLAND ASPHALT CORP.
BOND X	SEABOARD ASPHALT PRODUCTS, INC.
SYLCRETE EV	SYLCRETE CORP.
HYPERPATCH	VESTAL ASPHALT, INC.
PERFORMIX	SEABOARD ASPHALT PRODUCTS, INC.
OPTIMIX	OPTIMIX, INC.
TOP MIX	TECH MIX
PARCO PATCH	PECKHAM MATERIALS CORP.

4. Anti-Stripping Mixtures - An anti-stripping agent approved by the Associate Engineer - Highways 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 Producer shall submit a Job Mix Formula on forms available at the NYSDOT Regional Offices. The following information shall be provided with the Job Mix Formula submission:

a. Aggregate gradation band and aggregate types.
b. Bituminous Material - amount and type.
c. Fiber Material - description and quantity.
d. Description and quantities of additives, if used.
e. Temperature ranges for material preparation.

The Job Mix Formula shall be submitted to MCDOT for approval.. The Job Mix Formula shall be approved by the Associate Engineer – Highways and received by the Producer 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	-				
½”	95 - 100	-	100	-	100	-
¼”	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

(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 215 deg. F. The net mixing time shall be sufficient to insure uniform coating after all

materials are in the pugmill. Preparation of the mixture shall conform to the specification requirements outlined in NYSDOT Section 401, Plant Mix Pavements - General, except that automatic proportioning and recording equipment is not required.

Inspection, Testing & Acceptance: The Producer shall contact the MCDOT Associate Engineer – Highways having jurisdiction for his plant to arrange for an independent testing firm's Inspector 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 Department 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 deg. 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.

The initial approval of a mixture 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 quantity of material to be paid for shall be measured by the English Ton.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Item Description	Pay Unit
	Modified Plant Mixed Asphalt Patching Material	Ton

ITEM _____ RECRUSHED ASPHALT MILLINGS & ASPHALT MILLINGS CREDIT

DESCRIPTION:

A. Provide a credit for asphalt millings accepted at a specific location, from Monroe County or one of its political subdivisions, to be recycled as a 1¼" minus asphalt milling subbase.
B. Provide recrushed processed asphalt milling material F.O.B. at vendor's plant utilizing County trucks.

MATERIAL REQUIREMENT:

Material provided (incoming and outgoing) shall be exclusively asphalt pavement free from soil organics, or other deleterious materials.

METHOD OF MEASUREMENT:

The quantity of material to be paid for (or credited) shall be measured by the English Ton, where an approved scale is available.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Item Description	Pay Unit
	Asphalt Millings Credit	Ton
	Recrushed Asphalt Millings	Ton

ITEM _____ 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. Transportation (hauling) costs shall be based on two (2) unit prices. One price will be bid for transportation for 0 – 1 mile, and one price will be bid for any additional miles (one way).

MATERIAL REQUIREMENT:

None specified.

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. If material bid unit cost and the material hauling cost will be paid by the same unit.

BASIS OF BID:

A. The 0 to 1 mile price will be the bid price (per ton or cy)for any distance traveled up to and including one mile. This 0 to 1 mile material hauling bid price will be **added** to the material cost. The final figure will constitute the cost to deliver one ton of material up to one mile (one way).

B. The 1 + mile price will be the bid price (per ton or cy) for any distance traveled after the first mile. This 1+ mile bid price will be multiplied by the total number of miles (less the first mile), added to the bid price for 0 to 1 mile, **and then added** to the material cost. This final figure will constitute the cost to deliver one ton of material the total number of miles (one way).

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Material hauling cost for 0 to 1 mile per ton of material	Ton
	Material hauling cost for > 1 mile per ton of material	Ton
	Material hauling cost for 0 to 1 mile per ton of material	CY
	Material hauling cost for > 1 mile per ton of material	CY

ITEM _____BITUMINOUS MATERIAL (LIQUID) TACK COAT IN FIVE (5) GALLON METAL PAILS:

DESCRIPTION:

Provide bituminous liquid tack coat material in five (5) gallon metal pails at bidder's plant F.O.B. utilizing County vehicles.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 702-90, latest revision, for bituminous liquid tack coat material.

The bidder shall have a minimum of 10 (ea) 5 gallon pails of liquid tack coat available at all times.

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the number of five (5) gallon pails.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Item Description	Pay Unit
	Bituminous Liquid Tack Coat (5 Gallon Metal Pails)	5 Gallon Pails

ITEM _____ STONE AGGREGATES (QUARRY)
STONE AGGREGATES (GRAVEL PIT)

DESCRIPTION:

Provide stone aggregate material at the vendor's plant F.O.B. utilizing County trucks.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Sections 304, 620& 703-02 coarse aggregate, latest revision as appropriate.

Items specified as "washed" shall conform to the provisions of Table 703-3, Physical Requirements, and Footnote 3, (NYSDOT Standard Specifications) 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 size of aggregate 3/8", 5/8", 1", 2", respectively.

Items specified as crusher run shall conform to all the provisions of Section 203 & 302 New York State Specifications 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 English Ton

BASIS OF BID:

Unit price bid shall be per ton and include all costs of furnishing and loading the material F.O.B. County trucks at bidders pit or quarry. If an approved scale is not available a price per cubic yard will be accepted as indicated in the proposal. Bidders should not bid both a cubic yard and per ton price.

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

The County also requests a unit price per ton or CY for plant mixing of aggregates to facilitate a specific gradation of sized aggregates to be determined by a municipality.

ITEM _____ STONE AGGREGATES (QUARRY)
STONE AGGREGATES (GRAVEL PIT)

BASIS OF PAYMENT:

Payment will be made under either unit as indicated in the bid proposal:

Item No.	Item Description	Pay Unit
	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 Stone	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
	#2 Stone	Ton
	#2 Washed Stone	Ton
	#3 Stone	Ton
	#4 Stone	Ton
	#4A Stone	Ton
	#5 Stone	Ton
	Screened gravel	Ton or CY
	Stone Filling _ (Fine)	Ton
	Stone Filling – (Light)	Ton
	Stone Filling – (Medium)	Ton
	Stone Filling – (Heavy)	Ton
	Plant Mixing of Aggregates	CY

<u>BASIS OF AWARD:</u>

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 plant to the midpoint of the project multiplied by $0.40 per english ton of asphalt per mile.
2. Material cost.
3. The County reserves the right to select the vendor based on material quality and quantity for each given project.

ITEM _____ CONCRETE FOR STRUCTURES

DESCRIPTION:

Furnish and deliver portland cement concrete material, as specified, F.O.B. to any point in Monroe County on 24 hour notice.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 500, latest revision, for portland cement concrete material. The plant, equipment and materials shall be NYSDOT approved.

BASIS OF AWARD:

Award will be to 1 vendor only, based upon the lowest bid. The bid price shall include delivery and the 1st hour of on site waiting time.

A small load is defined as an order of less than 4 Cubic Yards.

Excess waiting time is defined as any on site waiting time in excess of 1 hour, and shall be paid at the bid price ($/minute).

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the cubic yard delivered.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Item Description	Pay Unit
	Concrete for Structures Class A	CY
	Concrete for Structures Class D	CY

ITEM _____ CONCRETE GROUTING MATERIAL:

DESCRIPTION:

Furnish and deliver portland cement concrete grouting material, F.O.B. to any point in Monroe County on 24 hour notice.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 701-05, Concrete Grouting Material, latest revision. The plant, equipment and materials shall be NYSDOT approved.

BASIS OF AWARD:

Award will be to 1 vendor only, based upon the lowest bid. The bid price shall include delivery and the 1st hour of on site waiting time.

A small load is defined as an order of less than 4 Cubic Yards.

Excess waiting time is defined as any on site waiting time in excess of 1 hour, and shall be paid at the bid price ($/minute).

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the cubic yard delivered.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Item Description	Pay Unit
	Concrete Grouting Material	CY

ITEM _____ CONTROLLED LOW STRENGTH MATERIAL:

DESCRIPTION:

Furnish and deliver controlled low strength material, F.O.B. to any point in Monroe County on 24 hour notice.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 204, controlled low strength material, latest revision. The plant, equipment and materials shall be NYSDOT approved.

BASIS OF AWARD:

Award will be to 1 vendor only, based upon the lowest bid. The bid price shall include delivery and the 1st hour of on site waiting time.

A small load is defined as an order of less than 4 Cubic Yards.

Excess waiting time is defined as any on site waiting time in excess of 1 hour, and shall be paid at the bid price ($/minute).

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the cubic yard delivered.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Item Description	Pay Unit
	Controlled Low Strength Material	CY

ITEM _____ FLOWABLE FILL (PURE WATERS BLEND)

DESCRIPTION:

The work shall consist of furnishing and placing a cementitious, flowable, low strength slurry backfill as shown on the plans or as directed by the Engineer, in writing, and in accordance with this Specification.

MATERIAL REQUIREMENT:

Portland Cement - Type I or II - ASTM C-150.

Water - Potable.

Fly Ash - Shall be tested for toxicity pursuant to a testing protocol approved by the New York State Department of Environmental Conservation (NYSDEC). The Engineer shall be provided with a copy of documentation issued by the supplier, confirming conformance with applicable NYSDEC rules and regulations. Fly Ash shall conform to the chemical and physical requirements for mineral admixture for Class F and/or Class C as listed in ASTM C-618, including Table2 (except footnote A). The loss of ignition shall be waived.

Crushed Glass Aggregate - Shall be used in flowable mixtures purchased by Monroe County Pure Waters. Flowable Fills using crushed glass aggregate shall typically contain 500 to 1000 lbs. (15% - 30% of total mixture by weight) of crushed glass aggregate. The maximum size of crushed glass aggregate shall be 100% passing the 3/8" sieve.

Chemical admixtures - Shall be liquid or in powdered form that are used for standard ready mixed concrete production unless specifically designed for a flowable fill (i.e. high air generators).

MONROE COUNTY PURE WATERS BLEND FOR FLOWABLE FILL WITH CRUSHED GLASS:

85# Portland Cement ASTM C-150.

1450# Fly Ash ASTM C-618 Class F (loss of ignition waived).

700# Crushed Glass processed by Monroe County Recycling Center and/or Monroe County Fleet Center

Compressive strength 50 - 150 PSI @ 28 days.

CONSTRUCTION DETAILS:

Prior to mixing any flowable fill back fill material, the Contractor shall submitt to the Engineer, a mix design and laboratory test results or historical test data from previous projects using a

similar flowable fill mixture. Test results shall show source and type (or Class) of materials, batch proportions and conformance to the strength requirements.

All equipment for this work shall be subject to the approval of the Engineer at all times. The plant shall be either a continuous or batch type plant, designed to proportion either by weight or by volume, such that a uniform mix will result.

Prior to placement, the operator shall insure a thorough and uniform mix, by mixing at the plant or in transit.

If prepared at a continuous plant, the mix may be transported in open-top haul units when the material can be placed within 30 minutes at the completion of mixing. Material placed in excess of 30 minutes after the completion of mixing shall be transported in rotating drum type units capable of 2-6 rpm.

The method of placing the flowable fill shall be as approved by the Engineer.

The flowable fill shall be accepted on the basis of inspection and approval by the Engineer.

METHOD OF MEASUREMENT:

Flowable fill shall be placed and measured in cubic yard quantities.

AWARD will be to 1 vendor only, based upon the lowest bid.

A SMALL LOAD is defined as an order of less than 4 Cubic Yards.

WAITING TIME is defined as any on site waiting time in excess of 30 minutes .

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Item Description	Pay Unit
	Flowable Fill (Pure Waters Blend)	CY

ITEM _____TOPSOIL

DESCRIPTION:

Provide topsoil material at the vendor's pit or quarry F.O.B. utilizing County trucks.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 713-01, Topsoil, latest revision.

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the English Ton, where an approved scale is available. If an approved scale is not available, a cubic yard price will be accepted.

BASIS OF BID:

The county requests bids in for each material designated as follows:

Unit price bid shall include all costs of furnishing and loading the material F.O.B. County trucks at vendors pit or quarry.

A separate material hauling price per ton or cubic yard for vendor hauling will be bid and applied to the material in this specification.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Topsoil - Screened	Ton
	Topsoil – Screened	CY
	Topsoil – Unscreened	Ton
	Topsoil – Unscreened	CY

BASIS OF AWARD:

Due to the variable locations and availability of topsoil throughout the construction season; The County or a local municipal subdivision 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.

ITEM _____ FILL DIRT MATERIAL

DESCRIPTION:

Provide fill dirt material at the vendor's pit or quarry F.O.B. utilizing County trucks.

MATERIAL REQUIREMENT:

In general, this material will 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 Associate Engineer – Highways.

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the English Ton, where an approved scale is available. If an approved scale is not available, a cubic yard price will be accepted.

BASIS OF BID:

The county requests bids for each material designated as follows:

Unit price bid shall include all costs of furnishing and loading the material F.O.B. County trucks at vendors pit or quarry.

A separate material hauling price per ton or cubic yard for vendor hauling will be bid and applied to the material in this specification.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Item Description	Pay Unit
	Fill Dirt Material	Ton
	Fill Dirt Material	CY

BASIS OF AWARD:

Due to the variable locations and availability of suitable fill material throughout the construction season; The County or a local municipal subdivision will select the vendor based upon the closest location of the vendor material stockpile and the availability of suitable fill material meeting the specifications and the quantity requirements of the project.

ITEM _____ COMPOST TOPSOIL

DESCRIPTION:

Provide compost topsoil at the vendor's pit or quarry F.O.B. utilizing County trucks.

MATERIAL REQUIREMENT:

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:

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	

Vendors, when submitting bids for this material, be sure to include the pH spec. 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 English Ton, where an approved scale is available. If an approved scale is not available, a cubic yard price will be accepted.

ITEM _____ COMPOST TOPSOIL

BASIS OF BID:

The county requests bids for each material designated as follows:

Unit price bid shall include all costs of furnishing and loading the material F.O.B. County trucks at vendors location

A separate material hauling price cubic yard for vendor hauling will be bid and applied to the material in this specification.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Item Description	Pay Unit
	Compost Topsoil	CY

BASIS OF AWARD:

Due to the variable locations and availability of topsoil throughout the construction season; The County or a local municipal subdivision 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

ITEM _____ SELECT STRUCTURAL FILL MATERIAL:

DESCRIPTION:

Provide structural fill material at the vendor's plant F.O.B. utilizing County trucks.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 203, latest revision.

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the English Ton, where an approved scale is available. If an approved scale is not available, a cubic yard price will be accepted.

BASIS OF BID:

The county requests bids for each material designated as follows:

Unit price bid shall include all costs of furnishing and loading the material F.O.B. County trucks at vendors pit or quarry.

A separate material hauling price per ton or cubic yard for vendor hauling will be bid and applied to the material in this specification.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Item Description	Pay Unit
	Select Structural Fill	Ton
	Select Structural Fill	CY

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 asphalt plant to the midpoint of the project multiplied by $0.40 per english ton of asphalt per mile.
2. Material cost.
3. The County reserves the right to select the vendor based on material quality and quantity for each given project.

ITEM _____ SAND MATERIAL:

DESCRIPTION:

Provide sand material at the vendor's plant F.O.B. utilizing County trucks.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Sections 703-03, 04 & 07, latest revision, for mortar sand, grout sand and concrete sand.

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the English Ton, where an approved scale is available. If an approved scale is not available, a cubic yard price will be accepted.

BASIS OF BID:

The county requests bids for each material designated as follows:

Unit price bid shall include all costs of furnishing and loading the material F.O.B. County trucks at vendors pit or quarry.

A separate material hauling price per ton for vendor hauling will be bid and applied to the material in this specification.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Item Description	Pay Unit
	Mortar Sand	Ton
	Grout Sand	Ton
	Concrete Sand	Ton

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 asphalt plant to the midpoint of the project multiplied by $0.40 per english ton of asphalt per mile.
2. Material cost.
3. The County reserves the right to select the vendor based on material quality and quantity for each given project.

ITEM _____ MASONRY ITEMS

DESCRIPTION:

Provide material F.O.B. to any point in Monroe County within 24 hours of receipt of order.

MATERIAL REQUIREMENT:

1. **Common Brick - Full Height**: Bid for common brick shall meet the requirements of NYSDOT Standard Specifications Section 704-01, latest revision. Dimensions will be 8" long, 4" wide, 2 2/3" high.

2. **Common Brick - Half Height**: Bid for common brick shall meet the requirements of NYSDOT Standard Specifications Section 704-01, latest revision. Dimensions will be 8" long, 4" wide, 1 1/3" high.

3. **Mortar Mix (Bagged)**: Bid shall be for 80 lb. bags Sakrete Mortar Mix or equal.

4. **Concrete Mix (Bagged)**: Bid shall be for 80 lb. bags Sakrete Concrete Mix or equal.

5. **Portland Cement (Bagged)**: Bid for Portland Cement shall meet the requirements of NYSDOT Standard Specifications Section 701-1, Type 2, latest revision. Price will be for 94 lb. bags.

6. **Black Beauty (Bagged)**: Bid shall be for 100 lb. bags of Sand Blasting Sand Type 1240 medium.

METHOD OF MEASUREMENT:

Material shall be measured for payment as follows:

#	ITEM	PAYMENT UNIT
1	Common Brick – Full Height	Each
2	Common Brick – Half Height	Each
3	Mortar Mix - 80 # Bag	Bags
4	Concrete Mix – 80 # Bag	Bags
5	Portland Cement – 94 # Bag	Bags
6	Black Beauty – 100 # Bag	Bags

ITEM _____ MASONRY ITEMS

BASIS OF BID:

Th unit price bid for each item shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County within 24 hours of receipt of order.

The cost of a pallet is to be included in the cost of the commodity. No pallet rental charges or any other pallet charges will be allowed or accepted.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Common Brick – Full Height	Each
	Common Brick – Half Height	Each
	Mortar Mix - 80 # Bag	Bag
	Concrete Mix – 80 # Bag	Bag
	Portland Cement - 94# Bag	Bag
	Black Beauty – 100 # Bag	Bag

ITEM _____ COMMON SEWER BRICK

DESCRIPTION:

This item shall include furnishing and delivery of common sewer brick F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

The composition of the bricks shall be first quality, sound, hand-burned, and standard size conforming to ASTM Standard C-32-69 Grade SS, ASTM C-216-71, Grade SW.

METHOD OF MEASUREMENT:

The unit price bid solicited is per each brick; pricing F.O.B. at any point in Monroe County..

The cost of a pallet is to be included in the cost of the commodity. No pallet rental charges or any other pallet charges will be allowed or accepted.

BASIS OF BID:

Item shall be ready for delivery within 7 working days of order. Shipments are to be palletized consisting of no more than 500 bricks per pallet. Deliveries shall be made between 8:00 AM and 3:00 PM Monday through Friday.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Common Sewer Brick	EA

ITEM _____ PATIO PAVERS

DESCRIPTION:

Provide Patio Pavers F.O.B. to any point in Monroe County within 7 working days of order.

MATERIAL REQUIREMENT:

The Patio Pavers shall be 4" X 8" X 1½" Red Range Bantam Patio Pavers. Deliveries shall be made between 8:00 AM and 3:00 PM Monday through Friday.

METHOD OF MEASUREMENT:

Item will be 630 pavers to a pallet and delivered within 7 working days of order. Item shall be measured for payment per paver for each pallet delivered.

BASIS OF BID:

Bid should be per paver for unit F.O.B. any point in Monroe County.

The cost of a pallet is to be included in the cost of the commodity. No pallet rental charges or any other pallet charges will be allowed or accepted.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Patio Pavers	Each

ITEM _____ DETECTABLE WARNING MATERIALS

DESCRIPTION:

Provide detectable warning materials F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 608, latest revision, and appear on the NYSDOT current approved list (copy below) for the specific application.

PROVISIONALLY APPROVED SURFACE APPLIED DETECTABLE WARNINGS PRODUCT LIST

PRODUCT NAME	MANUFACTURER/LOCATION
Armor-Tile Surface Applied System	Engineered Plastics, Inc. Williamsville, NY 14221
DWS TILES	Troy DieCutting Company Troy, NY 12180
SAFTI-TRAX	Cote-L Industries Teaneck, NJ 07666
STRONGWARN	Strongwall Industries, Inc. Ridgewood, NJ 07450
Tactile Warning Tile	ADA Solutions, Inc. North Billerica, MA 01862
Trelleborg's TGS (Tactile Guidance System)	Trelleborg Industri-AB Edison, NJ 08820

PROVISIONALLY APPROVED EMBEDDED PREFORMED DETECTABLE WARNINGS PRODUCT LIST

PRODUCT NAME	MANUFACTURER/LOCATION
ADA Pavers	Whitacre-Greer Alliance, Ohio 44601
Armor-Tile Cast-in-Place System	Engineered Plastics, Inc. Williamsville, NY 14221
Detecto-Tile	Detecto-Tile, Inc. Central Valley, NY 10917
Press in Place Paver Tile	ADA Solutions, Inc. North Billerica, MA 01862
STEP-Safe Precast Polymer Concrete	Transpo Industries New Rochelle, NY 10801
Provisionally Approved Detectable Warnings Paver Product List	
Oaks Detectable Warning Paver	Oaks Concrete Products Milton, Ontario
Hanover Detectable Warning Paver	Hanover Architectural Products Hanover, PA 17331

METHOD OF MEASUREMENT:

A. Surface Applied Detectable Warning material shall be measured for payment by the square foot.
B. Embedded Detectable Warning material shall be measured for payment by the square foot
C. Detectable Warning material paver bricks shall be measured for payment by the square foot

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County.

The cost of a pallet is to be included in the cost of the commodity. No pallet rental charges or any other pallet charges will be allowed or accepted.

BASIS OF AWARD

Each vendor will supply pricing for the products which they can provide. A separate award will be made for each product. In the event that Bidders provide a bid price on the same product the award will be made to the lowest bidder.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Surface Applied Detectable Warning Material	SF
	Embedded Preformed Detectable Warning Material	SF
	Detectable warning paver bricks	SF

ITEM_____ GRASS SEED – GENERAL MIX (HIGHWAY BLEND)

DESCRIPTION:

This item shall include providing grass seed to any point F.O.B. in Monroe County within 24 hours of order.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 713, latest revision. All seed shall be entophyte enhanced for disease resistance. All germination testing shall be no more than six months from the date of purchase.

Grass seed shall meet the requirements below:

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%

METHOD OF MEASUREMENT:

The quantity of material to be paid for will be measured by the 50 pound bag.

BASIS OF BID:

The unit price bid solicited is per 50 lb. bag F.O.B. at any point in Monroe County within 24 hours of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Grass Seed – General Mix (Highway Blend)	50 Lb. Bag

ITEM _____ GRASS SEED - PREMIUM MIX (PURE WATERS BLEND)

DESCRIPTION:

This item shall include providing grass seed to any point F.O.B. in Monroe County within 24 hours of order.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 713, latest revision. All seed shall be entophyte enhanced for disease resistance. All germination testing shall be no more than six months from the date of purchase.

Grass seed shall meet the requirements below:

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%

METHOD OF MEASUREMENT:

The quantity of material to be paid for will be measured by the pound.

BASIS OF BID:

The unit price bid solicited is per 50 lb. bag F.O.B. at any point in Monroe County within 24 hours of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Grass Seed – Premium Mix (Pure Waters Blend)	50 Lb. bag

ITEM_____ GRASS SEED – ANNUAL RYEGRASS

DESCRIPTION:

This item shall include providing grass seed to any point F.O.B. in Monroe County 24 hours of order.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 713, latest revision. All seed shall be entophyte enhanced for disease resistance. All germination testing shall be no more than six months from the date of purchase.

Grass seed shall meet the requirements below:

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%

METHOD OF MEASUREMENT:

The quantity of material to be paid for will be measured by the 50 pound bag.

BASIS OF BID:

The unit price bid solicited is per 50 lb. bag F.O.B. at any point in Monroe County within 24 hours of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Grass Seed – Annual Ryegrass	50 Lb. bag

ITEM_____ GRASS SEED – QUICK GROW / TRIPLE PERENIAL RYEGRASS MIX (MILL SEAT BLEND)

DESCRIPTION:

This item shall include providing grass seed to any point F.O.B. in Monroe County 24 hours of order.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 713, latest revision. All seed shall be entophyte enhanced for disease resistance. All germination testing shall be no more than six months from the date of purchase.

Grass seed shall meet the requirements below:

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 will be measured by the 50 pound bag.

BASIS OF BID:

The unit price bid solicited is per 50 lb. bag F.O.B. at any point in Monroe County within 24 hours of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Grass Seed – Quick Grow / Triple Perennial Ryegrass Mix (Mill Seat Blend)	50 Lb. bag

ITEM_____ HYDROSEED MULCH (CELLULOSE- PAPER)

DESCRIPTION:

This item shall include providing packaged bales of paper hydroseed mulch to any point F.O.B. in Monroe County within 24 hours of order.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 713, latest revision. The material shall be manufactured from recycled cellulose fibers and 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, free of any growth inhibiting factors.

METHOD OF MEASUREMENT:

The quantity of material to be paid for will be measured by the pound.

BASIS OF BID:

The unit price bid solicited is per lb. F.O.B. at any point in Monroe County within 24 hours of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	HYDROSEED MULCH (CELLULOSE- PAPER)	Lb.

ITEM_____ HYDROSEED MULCH (WOOD AND CELLULOSE FIBER MIXTURE)

DESCRIPTION:

This item shall include providing packaged bales of a combination of wood and cellulose(paper) hydroseed mulch to any point F.O.B. in Monroe County within 24 hours of order.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 713, latest revision. The material shall be manufactured from recycled wood and cellulose fibers. The mixture shall contain 70% recycled wood fiber and 30% recycled paper products. The mixture 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, free of any growth inhibiting factors.

METHOD OF MEASUREMENT:

The quantity of material to be paid for will be measured by the pound.

BASIS OF BID:

The unit price bid solicited is per Pound (lb.) F.O.B. at any point in Monroe County within 24 hours of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	HYDROSEED MULCH (WOOD AND CELLULOSE FIBER MIXTURE))	Lb.

ITEM_____ HYDROSEED TACKIFIERS

DESCRIPTION:

This item shall include providing packaged containers of hydroseed tackifiers to any point F.O.B. in Monroe County within 24 hours of order.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 713, latest revision. The 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 will be measured by the Pound (lb.)

BASIS OF BID:

The unit price bid solicited is per lb F.O.B. at any point in Monroe County within 24 hours of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	HYDROSEED TACKIFIER	Lb.

ITEM _____ TURF LINE ICE MELTER

DESCRIPTION:

Provide Turf Line Ice Melter material F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Ice Melter is used on sidewalks, driveways, steps, and parking lots and will not harm grass, shrubs, trees, walks and driveways. It can be used on hard packed snow and ice. It can be used to prevent sleet and freezing rain from accumulating on surfaces.

Do not use on precast concrete products. Do not use on concrete less than two years old. If concrete is porous or in bad condition this product could cause surface damage.

CONTENTS:

Potassium Chloride	98.8%
Sodium Chloride	0.9%
Inert Ingredients	0.03%

METHOD OF MEASUREMENT:

Item shall be measured for payment by the 50 # bag. or by the pallet, a pallet shall be defined as 42 bags.

BASIS OF BID:

Unit price bid shall include all costs to furnish and deliver material F.O.B. to any point in Monroe County. Material shall be available at vendor's yard within 7 working days of order.

The cost of a pallet is to be included in the cost of the commodity. No pallet rental charges or any other pallet charges will be allowed or accepted.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Turf Line Ice Melter	Bag
	Turf Line Ice Melter	Pallet

ITEM _____ SUPER 5000 CONCRETE MIX

DESCRIPTION:

Provide Super 5000 Concrete Mix**.**

MATERIAL REQUIREMENT:

Material shall be Super 5000 Concrete Mix by Pakmix, or approved equal. The material shall have a minimum compressive strength of 5000 psi @ 28 days.

METHOD OF MEASUREMENT:

Material shall be measured for payment by the 80 lb. bag.

BASIS OF BID:

The unit price bid solicited is for F.O.B. at any point in Monroe County and shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Super 5000 Concrete Mix	Bag

ITEM _____ SPEEDCRETE RED LINE FAST SETTING CONCRETE

DESCRIPTION:

Provide Speedcrete Red Line fast setting concrete mix or approved equal.

MATERIAL REQUIREMENT:

This is a fast setting high strength concrete used for patching bridge decks manufactured by Tamms Industries Co. The following compressive strengths are required (ASTM C-109):

AGE	COMPRESSIVE STRENGTH
1 HOUR	150 PSI
24 HOURS	2,500 PSI
7 DAYS	4,300 PSI
14 DAYS	4,500 PSI
28 DAYS	5,000 PSI

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the 50 pound bag.

BASIS OF BID:

The unit price bid solicited is for F.O.B. at any point in Monroe County and shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Speedcrete Red Line Fast Setting Concrete or approved equal	Bag

ITEM _____ SPEEDCRETE GREEN LINE

DESCRIPTION:

Provide Speedcrete Green Line fast setting semi-flowable concrete mix or approved equal.

MATERIAL REQUIREMENT:

This is a fast setting, semi-flowable, high strength patching material requiring only potable water for mixing. GREEN LINE achieves initial set in 6 – 15 minutes, and final set within 20 minutes. Repaired areas may be opened to traffic in approximately one hour following the final set.

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the 50 pound bag.

BASIS OF BID:

The unit price bid solicited is for F.O.B. at any point in Monroe County and shall be available at supplier's yard within 24 hours of receipt of order. No material substitute will be accepted for this product.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Speedcrete Green Line Concrete or approved equal	Bag

ITEM _____ SPEEDCRETE BLUE LINE

DESCRIPTION:

Provide Speedcrete Blue Line fast setting concrete mix or approved equal.

MATERIAL REQUIREMENT:

This is a fast setting micro concrete primarily intended for underwater concrete repairs with initial set obtained in 3-5 minutes, and final set in about one hour manufactured by Tamms Industries Co. The following compressive strengths are required:

- 24 hrs - 2000 psi
- 28 days - 5000 psi

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the 50 pound bag.

BASIS OF BID:

The unit price bid solicited is for F.O.B. at any point in Monroe County and shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Speedcrete Blue Line or approved equal	Bag

ITEM _____PLASTIC SAFETY FENCING

DESCRIPTION:

Provide recycled plastic safety fencing material F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall be plastic netting made from UV stabilized high-density polyethylene. It shall be provided in 4 ft. X 50 ft. rolls. Weight shall be 38 lbs/roll. Color shall be orange. Porosity shall be 50%. Other characteristics shall be as follows:

Tensile Strength Yield	Horizontal 3190 psi	Vertical 3840 psi
Ultimate Tensile Strength	Horizontal 2200 psi	Vertical 2600 psi
Strength Elongated at Break	Horizontal 90%	Vertical 260%

Material supplied will be equal to above listing, any deviation must be noted in proposal section with bid price. Delivery will be within 14 days of order.

METHOD OF MEASUREMENT:

The material shall be measured for payment by the roll.

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver material F.O.B. to any point in Monroe County within 14 days of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Recycled Plastic Safety Fencing	Roll

ITEM _____ POLYETHYLENE SNOW FENCE

DESCRIPTION:

Provide polyethylene snow fence material delivered to various locations within Monroe County.

MATERIAL REQUIREMENT:

Material shall be High-Density Polyethylene black, orange or forest green in color .

Roll width shall be 4' and roll length shall be 100'.

Mesh size shall be 1.25" (Horizontal) X 3.25" (Vertical).

Tensile Yield shall be 320 psi.

Ultimate Tensile Yield shall be 370 lbs/Ft.

Elongation @ Break Point 150%

METHOD OF MEASUREMENT:

The material shall be measured for payment by the roll.

BASIS OF BID:

Material supplied shall be ready for pickup or delivered within 14 days of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Polyethylene Snow Fence	Roll

ITEM _____ STEEL SNOW FENCE POSTS

DESCRIPTION:

Provide steel snow fence posts F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Post will be T bar type with a weight of at least 1.7 lbs. per foot. Post must be painted and 6 feet in length. The spade shall be attached at least 12 in. from the bottom of the post.

Material supplied will be equal to above listing, any deviation will be noted in proposal section with bid price. Delivery will be within 14 days of order.

METHOD OF MEASUREMENT:

The material shall be measured for payment by the post.

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Steel Snow Fence Posts	Each

ITEM _____ CALCIUM CHLORIDE

DESCRIPTION:

This item shall consist of furnishing and delivering bags of calcium chloride to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 712.02, latest revision.

METHOD OF MEASUREMENT:

The material shall be measured for payment by the pound as supplied in 50 # bags.

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Calcium Chloride	50 # bags

ITEM _____ GEOTEXTILE BEDDING FABRIC

DESCRIPTION:

Provide geotextile erosion control fabric material for bedding F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 207, Item 207.10 Geotextile Bedding, latest revision. The material shall appear on the NYSDOT Materials Approved List of Geosynthetics for Highway Construction.

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

METHOD OF MEASUREMENT:

The material shall be measured for payment by the square foot provided.

BASIS OF BID:

The unit price bid per square foot shall include all costs to furnish and deliver the material F.O.B to any point in Monroe County within 24 hours. The bidder shall specify the product name that is intended to be supplied.

A separate award will be made for each product which meets the specification

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Geotextile Bedding Fabric	SF

ITEM _____ GEOTEXTILE UNDERCUT SEPARATION FABRIC

DESCRIPTION:

Provide geotextile undercut separation fabric material F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 207, Item 207.11 Geotextile Separation, latest revision. The material shall appear on the NYSDOT Materials Approved List of Geosynthetics for Highway Construction.

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

METHOD OF MEASUREMENT:

The material shall be measured for payment by the square foot provided.

BASIS OF BID:

The unit price bid per square foot shall include all costs to furnish and deliver the material F.O.B to any point in Monroe County within 24 hours. The bidder shall specify the product name that is intended to be supplied.

A separate award will be made for each product which meets the specification

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Geotextile Undercut Separation Fabric	SF

ITEM _____ BIAXIAL GEOGRID BASE REINFORCEMENT MATERIAL

DESCRIPTION:

Provide a Biaxial Geogrid Base material composed of high strength polypropylene geogrid material. The product shall be capable of improving the distribution of applied loads and prevent localized shear failure. F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Geogrid base reinforcement shall be a stiff, structural polypropylene biaxial geogrid similar to Carthage Millls Tenaz MS-220 or Tensar BX 1100 or equivalent.

The material shall conform to the following property requirements.

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

METHOD OF MEASUREMENT:

The material shall be measured for payment by the square foot provided.

BASIS OF BID:

The unit price bid per square foot shall include all costs to furnish and deliver the material F.O.B to any point in Monroe County within 24 hours. The bidder shall specify the product name that is intended to be supplied.
A separate award will be made for each product which meets the specification

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Geogrid Base Reinforcement Material	SF

ITEM _____ GEOTEXTILE DRAINAGE FABRIC

DESCRIPTION:

Provide geotextile filter fabric material for drainage F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 207, Item 207.12 Geotextile Drainage, latest revision. The material shall appear on the NYSDOT Materials Approved List of Geosynthetics for Highway Construction.

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

METHOD OF MEASUREMENT:

The material shall be measured for payment by the square foot provided.

BASIS OF BID:

The unit price bid per square foot shall include all costs to furnish and deliver the material F.O.B to any point in Monroe County. The bidder shall specify the product name that is intended to be supplied.

A separate award will be made for each product which meets the specification

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Geotextile Drainage Fabric	SF

ITEM _____ EROSION CONTROL SILT FENCE

DESCRIPTION:

Provide erosion control silt fence material F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 209, Item 209.13 Temporary Silt Fence, latest revision. The material shall appear on the NYSDOT Materials Approved List of Geosynthetics for Highway Construction, and shall include pre-assembled hardwood stakes at a minimum 4' on center.

METHOD OF MEASUREMENT:

The material shall be measured for payment by the linear foot of 3-foot high silt fence provided.

BASIS OF BID:

The unit price bid per linear foot shall include all costs to furnish and deliver the material F.O.B to any point in Monroe County. The bidder shall specify the product name that is intended to be supplied.
A separate award will be made for each product which meets the specification

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Erosion Control Silt Fence	LF

ITEM _____ TURBIDITY CURTAIN

DESCRIPTION:

Provide turbidity curtain F.O.B. to any point in Monroe County within 24 hours of order.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 209, Item 209.15, latest revision. The material shall appear on the NYSDOT Materials Approved List of Geosynthetics for Highway Construction.

METHOD OF MEASUREMENT:

The material will be measured for payment by the square foot

BASIS OF BID:

The unit price bid per square foot shall include all costs to furnish and deliver the material F.O.B to any point in Monroe County within 24 hours. The bidder shall specify the product name that is intended to be supplied.

A separate award will be made for each product which meets the specification

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Turbidity Curtain	SF

ITEM _____ SEDIMENT FILTRATION MAT

DESCRIPTION:

Provide erosion control sediment filtration material F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the IVI Sedimat, or approved equal, suitable for filtering sediment-laden stream flows.

METHOD OF MEASUREMENT:

The material shall be measured for payment by the square foot of material provided.

BASIS OF BID:

The unit price bid per square foot shall include all costs to furnish and deliver the material F.O.B to any point in Monroe County with 24 hours. The bidder shall specify the product name that is intended to be supplied.

A separate award will be made for each product which meets the specification

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Sediment Filtration Mat	SF

ITEM _____ SILT FILTRATION BAG

DESCRIPTION:

Provide erosion control silt filtration bag units F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

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

METHOD OF MEASUREMENT:

The material shall be measured for payment by the quantity of units provided.

BASIS OF BID:

The unit price bid per each shall include all costs to furnish and deliver the material F.O.B to any point in Monroe County. The bidder shall specify the product name that is intended to be supplied.

A separate award will be made for each product which meets the specification

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Silt Filtration Bag	EA

ITEM _____ GEOTEXTILE SLOPE PROTECTION - TEMPORARY

DESCRIPTION:

Provide geotextile slope protection material F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 207, Item 207.13 Geotextile Slope Protection, latest revision. The material shall appear on the NYSDOT Materials Approved List of either Geosynthetics for Highway Construction or Erosion Control Products.

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

METHOD OF MEASUREMENT:

The material shall be measured for payment by the square foot provided.

BASIS OF BID:

The unit price bid per square foot shall include all costs to furnish and deliver the material F.O.B to any point in Monroe County. The bidder shall specify the product name that is intended to be supplied.

A separate award will be made for each product which meets the specification

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Geotextile Slope Protection - Temporary	SF

ITEM _____ GEOTEXTILE SLOPE PROTECTION - PERMANENT

DESCRIPTION:

Provide geotextile slope protection material F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 207, Item 207.13 Geotextile Slope Protection, latest revision. The material shall appear on the NYSDOT Materials Approved List of Geosynthetics for Highway Construction.

Unless otherwise specified, the material strength classification requested shall be Strength Class 1 as noted on the aforementioned Approved List.

METHOD OF MEASUREMENT:

The material shall be measured for payment by the square foot provided.

BASIS OF BID:

The unit price bid per square foot shall include all costs to furnish and deliver the material F.O.B to any point in Monroe County. The bidder shall specify the product name that is intended to be supplied.

A separate award will be made for each product which meets the specification

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Geotextile Slope Protection - Permanent	SF

ITEM _____ CENTERLINE DELINEATORS

DESCRIPTION:

The following spec is for temporary chip seal markers made by Apex Universal Inc. or approved equal.

MATERIAL REQUIREMENT:

The markers body shall be made of yellow polyurethane. The vertical section shall be two inches high and four inches wide. The vertical section shall have reflective tape on both sides with a minimum reflectance of 1800 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, 4" long and shall be protected by a release paper.

Packaging

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

BASIS OF BID:

The basis of bid shall be a box quantity totaling 500 units. The bid price should include delivery of each box to any point in Monroe County.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Item Description	Pay Unit
	Centerline Delineators (500 ct)	Box

ITEM _____CHANNELIZER CONES WITH MOLDED BASES

SCOPE

It is the intent of this item to furnish and deliver break away design, stackable 42" tall polyethylene channelizing cones, with or without solid rubber bases, with reflective sheeting, or just solid rubber bases as manufactured by the 'Navigator' ® or approved equal as indicated on the proposal pages. The bid price for each individual cone or base unit shall include branding the owners identification on each individual cone or base unit. The cost for the branding iron will be a indicated in the proposal and shall become the property of the agency upon completion of the first order. All units shall meet the requirements of NCHRP-350.

REQUIREMENTS

The channelizer cone shall be 42 " tall and 4" wide, and shall weigh approx. 3 lbs. The channelizer cone shall be made of flexible and impact resistant low density polyethylene. The units shall have a closed top to prevent precipitation to enter from the top and be UV stabilized to resist fading and provide longer life.

All units shall have a loop handle with a molded hole, suitable for the installation of lights or signs. The handle shall be non-breakaway to resist separation of attachments upon impact.

The channelizer shall have five (5) 6 " flat surfaces to allow for reflective stripes. Units are to be supplied with reflective sheeting; with or without solid rubber bases as requested and indicated in the bid proposal. All sheeting shall be applied after flame treating to provide for maximum adhesion. The sides shall be stepped to assure non-sticking when the channelizers are stacked. The reflective sheeting shall meet the specifications of 3M series CW 80 or equal

The channelizer shall accept slip over solid rubber bases of varying weights that are designed to release upon a 20MPH impact. The bases shall have recessed bottoms to mate with the bottom shape of the channelizer, and have stacking lugs to allow for stacks to lock in position for transportation.

The bid price for each cone or base unit will include the installation of an permanent engraved and supplemental painted black lettered identification label of up to 5-2" letters installed at 2 locations on each cone, and top and bottom on each base. The exact location of the identification label will be determined by the ordering agency. The branding iron fixed cost shall be as indicated in the proposal and shall be a one time fee to be charged to the agency for fabrication and delivery of the tool upon completion of the first order. The agency will be responsible for storage and delivery of the tool for future orders and the low bidder agrees to work with each agency on the layout, installation and reuse of the branding tool.

BASIS OF AWARD

The basis of the award will be to one bidder who provides the lowest bid on the complet unit - Channelizer Cone with 16 # Rubber base with Reflective Sheeting and owner identifacation label. Bidders must submit a bid on all items and be able to meet all the requirements of the specification. All units shall be delivered to Monroe County NY within 3 weeks of the issued purchase order. The owner shall coordinate with vendor on the exact lettering and location of the permanent engraved identification label. The vendor will provide the owner with the branding tool upon completion of the first order. The fixed price for the tool shall be a one time charge to the agency for the fabrication and delivery of each branding tool. The owner will be responsible for storage and delivery of the tool for future orders.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	42” Channelizer Cone w/16 # Rubber base/Reflective Sheeting/owner ID	Each
	42” Channelizer Cone (only) with Reflective Sheeting/owner ID	Each
	16 # Rubber bases (only) w/owner ID	Each
	Branding tool (fixed price include fabrication, usage and delivery to owner)	$300 Fixed price

ITEM _____ SET-45 CONCRETE

DESCRIPTION:

Provide Set-45 Concrete material or approved equal

MATERIAL REQUIREMENT:

This is a material used for making concrete repairs and shall be Set-45 Concrete, as manufactured by Master Builders or approved equal. Setting time @ 95 deg. F. should be:

- initial - 10 to 15 minutes
- final - 12 to 20 minutes

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the 50 pound bag.

BASIS OF BID:

The material shall be available at supplier's yard within 24 hours of receipt of order.
The unit price bid solicited is for F.O.B. at any point in Monroe County within twenty-four hours of receipt of order. No substitute material will be accepted.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Set-45 Concrete or approved equal	Bag

ITEM _____ PENETRATING PROTECTIVE SEALER

DESCRIPTION:

This item shall consist of furnishing and delivering penetrating protective sealer to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 717.03, latest revision.

METHOD OF MEASUREMENT:

The material shall be measured for payment by the gallon.

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Penetrating Protective Sealer	Gallon

ITEM _____ CONO/CRETE 149 EPOXY MORTAR

DESCRIPTION:

Provide cono/crete 149 epoxy mortar material F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall be two-component fast setting epoxy mortar for patching, joint re-building, and filling holes as manufactured by Coatings/Composites, Inglewood California or approved equal. It should have an ultimate compressive strength of 9000 psi and impact strength of 300 in./lbs. Material shall be gray in color.

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the 40 pound container.

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Cono-Crete 149 Epoxy Mortar (or approved equal)	40# Container

ITEM _____THORITE FAST SETTING HIGH STRENGTH PATCHING MATERIAL

DESCRIPTION:

Provide Thorite fast setting high strength patching material.

MATERIAL REQUIREMENT:

This is a fast setting high strength patching material designed for repairing vertical and horizontal concrete and masonry manufactured by Thoro System Products, Miami, FL. or approved equal. The following compressive strengths are required:

AGE	COMPRESSIVE STRENGTH
1 DAY	3,200 PSI
7 DAYS	4,300 PSI
28 DAYS	5,200 PSI

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the 50 pound bag.

BASIS OF BID:

The unit price bid solicited is for F.O.B. at any point in Monroe County and shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Thorite Fast Setting High Strength Patching Material (or approved equal)	Bag

ITEM _____ MASTERFLOW® 648 CP PLUS

DESCRIPTION:

Provide MASTERFLOW® 648 CP PLUS material or approved equal F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall be MASTERFLOW® 648 CP PLUS, solvent free high flow epoxy resin based grout as manufactured by BASF Construction Chemicals or approved equal.

METHOD OF MEASUREMENT:

Material shall be measured for payment by the unit, which consists of (3) Parts totaling 109.72kg (241.89 Lb). Part A=10.16kg (22.39 Lb) Part B = 4.00 kg (8.82 Lb) Part C = 23.89 kg (52.67 Lb) x 4.

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	MASTERFLOW® 648 CP PLUS (or approved equal)	Kit

ITEM _____ MASTERFLOW® 713 PLUS

DESCRIPTION:

Provide MASTERFLOW® 713 PLUS cement based grout material or approved equal F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall be MASTERFLOW® 713 PLUS, cement based grout as manufactured by BASF Construction Chemicals or approved equal. It should have an ultimate compressive strength of 8,500 psi.

METHOD OF MEASUREMENT:

The quantity of material to be paid for shall be measured by the 55 Lb bag.

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	MASTERFLOW® 713 PLUS or approved equal	55# Bag

ITEM _____ CATALYTIC BONDING ASPHALT

DESCRIPTION:

Provide catalytic bonding asphalt material F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall be a cut-back asphalt product specifically designed for use with Premolded Membrane. This is a non-setting bitumen with extremely low oxidation rate, to provide a positive joint seal capable of expanding and contracting without breaking bond.

METHOD OF MEASUREMENT:

The material shall be measured for payment by the gallon in five (5) gallon units.

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Catalytic Bonding Asphalt	5 Gallon Units

ITEM _____ DARAWELD-C

DESCRIPTION:

Provide Daraweld-C epoxy bonding compound.

MATERIAL REQUIREMENT:

The material shall be Daraweld-C, which is a synthetic latex emulsion, used for bonding new concrete to old, as manufactured by W.R. Grace & Co. or approved equal.

METHOD OF MEASUREMENT:

The quantity of material shall be measured by the 5 gallon container.

BASIS OF BID:

The unit price bid solicited is for F.O.B. at any point in Monroe County within twenty-four hours of receipt of order. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Daraweld-C or approved equal	5 Gal Container

ITEM _____ EPOXY POLYSULFIDE BINDER

DESCRIPTION:

This item shall consist of furnishing and delivering epoxy polysulfide binder to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall meet the requirements of the New York State Department of Transportation Standard Specifications, Section 721-03, latest revision.

METHOD OF MEASUREMENT:

The material shall be measured for payment by the 3 gallon unit.

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Epoxy Polysulfide Binder	3 Gallon Unit

ITEM _____ EUCO CONCRETE COAT LATEX MODIFIED PATCH KIT

DESCRIPTION:

Provide Euco Concrete Coat latex modified patch kit or approved equal F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall be Euco Concrete Coat latex modified patch kit, as manufactured by Euclid Chemical Co., Cleveland, Ohio or approved equal.

METHOD OF MEASUREMENT:

The quantity of material shall be measured by the kit, which consists of (1) 61# container of concrete coat powder, and (1) gallon container of concrete coat liquid.

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Euco Concrete Coat Latex Modified patch Kit Or approved equal	Kit

ITEM _____ EUCO VERTICOAT

DESCRIPTION:

Provide Euclid Euco Verticoat polymer modified mortar or approved equal.

MATERIAL REQUIREMENT:

This is a polymer modified cementicious mortar for vertical and overhead concrete repairs (manufactured by Euclid Chemical Co. Cleveland, OH) or approved equal. The following strengths are to be achieved.

COMPRESSIVE STRENGTH		BOND STRENGTH		FLEXURAL STRENGTH	
(ASTM C-109)		(ASTM C-882 MODIFIED)		(ASTM C-348)	
AGE	STRENGTH	AGE	STRENGTH	AGE	STRENGTH
1 DAY	5,800 PSI	-	-	-	-
3 DAYS	8,300 PSI	-	-	-	-
7 DAYS	8,900 PSI	7 DAYS	2,100 PSI	7 DAYS	1,200 PSI
28 DAYS	10,000 PSI	28 DAYS	2,500 PSI	28 DAYS	2,001 PSI

METHOD OF MEASUREMENT:

The quantity of material shall be measured by the unit, which consists of one 54 pound pail of dry powder with 1 gallon of verticoat mixing liquid.

BASIS OF BID:

The unit price bid solicited is for F.O.B. at any point in Monroe County within twenty-four hours of receipt of order. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Euco Verticoat or approved equal	Kit

ITEM _____ BITUTHENE 4000 MEMBRANE WATERPROOFING

DESCRIPTION:

This item shall consist of furnishing and delivering Bituthene 4000 membrane waterproofing or approved equal to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall be Bituthene System 4000 Waterproofing Membrane as manufactured by W. R. Grace or approved equal.

METHOD OF MEASUREMENT:

The material shall be measured for payment by the square foot, as provided in 3' X 60' rolls.

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Bituthene System 4000 Waterproofing Membrane Or approved equal	SF

ITEM _____ BITUTHENE P-3000 PRIMER

DESCRIPTION:

Provide Bituthene P-3000 Primer or approved equal F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall be Bituthene P-3000 Primer as manufactured by W. R. Grace, and be compatible with Bituthene System 4000 Waterproofing Membrane or approved equal. The material shall be provided in 5 gallon containers.

METHOD OF MEASUREMENT:

The material will be measured for payment by the gallon.

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Bituthene P-3000 Primer or approved equal	Gallon

ITEM _____ BITUTHENE EDGE MASTIC

DESCRIPTION:

Provide Bituthene Edge Mastic or approved equal F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material shall be Bituthene Edge Mastic as manufactured by W. R. Grace, and be compatible with Bituthene System 4000 Waterproofing Membrane or approved equal. The material shall be provided in 5 gallon containers.

METHOD OF MEASUREMENT:

The material will be measured for payment by the gallon.

BASIS OF BID:

The unit price bid shall include all costs to furnish and deliver the material F.O.B. to any point in Monroe County. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Bituthene Edge Mastic or approved equal	Gallon

ITEM _____WP-140 INDUSTRIAL WATER-BASED WATER REPELLENT

DESCRIPTION:

Provide WP-140 industrial water-based water repellent F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENT:

Material will be a water-repellent compound that is a stable, clear, penetrating solution of silicone compounds in solution, free of suspended matter. When applied to clean dry concrete or masonry surface, it will not cause any perceptible change in color, surface texture or leave a visible film. It produces a water-repellent surface after application.

The treated surface will have an average water absorption of less than .01 %.

The treated surface will repel water after 2 hours. Full cure time will be approximately 48 hours, depending upon temperature and humidity. Item will be delivered in 5 gallon pails.

METHOD OF MEASUREMENT:

Item shall be measured for payment by the gallon.

BASIS OF BID:

Unit Price bid shall include all costs to furnish and deliver material F.O.B. to any point in Monroe County. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Wp-140 Industrial Water-Based Water Repellent	Gallon

ITEM _____ WOVEN POLYETHYLENE NYLON SHEETS

DESCRIPTION:

Provide woven nylon reinforced polyethylene sheets.

MATERIAL REQUIREMENT:

This material shall be heavy duty 6 mil thickness.

METHOD OF MEASUREMENT:

The quantity of material shall be measured and supplied in rolls of 20' x 100'.or 40’x100’.

BASIS OF BID:

The unit price bid solicited is for F.O.B. at any point in Monroe County. The material shall be available at supplier's yard within 24 hours of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Woven Polyethylene Sheets(20’ x 100’)	Roll
	Woven Polyethylene Sheets(40’ x 100’)	Roll

ITEM _____PREFABRICATED STEEL ADJUSTMENT RINGS FOR MANHOLES:

MATERIAL REQUIREMENTS

The material specifications shall conform with Section 604-2.04 of the New York State Specifications, where applicable, to supply A –36 steel Manhole Adjustment Rings (Heavy Duty) by Andrews Metal Products, Youngstown Ohio, type AR3, single height-solid unit as shown in the attached detail, type one or approved equal.

UNIT PRICE BID

The unit price bid shall be for each, including all costs of furnishing and delivering the material to any point in Monroe County for the quantity of units as specified.

DELIVERY

F.O.B. any point in Monroe County within 30 days of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Prefabricated Steel Adjustment Rings	Each

ITEM POLYETHYLENE PIPE PRODUCTS BY ADVANCED DRAINAGE SYSTEM (ADS)

SCOPE

This specification covers the material and quality requirements for furnishing and delivery of polyethylene fittings manufactured by Advanced Drainage System.

MATERIAL REQUIREMENTS

The material shall meet the requirements of NYSDOT Standard Specifications Section 706 latest revision.

BASIS OF BID:

The unit bid price shall be for any requested amount of polyethylene fittings needed during the contract period delivered; including all delivery costs to anywhere in Monroe County within 14 days.

> Bid prices will be requested for saddle T's, snap T's and adapters to be available at each unit cost.

Delivery

All requested fittings shall to be delivered within 14 days of the order, with deliveries scheduled to arrive at point of destination between the hours of 8:00 A.M. and 3:00 P.M., Monday through Friday excluding holidays.

Basis of Award

The award will be based on the price bid for each size fitting .

ITEM _____PVC DRAIN BASINS AND COMPONENTS

DESCRIPTION

Provide PVC drain basin and components F.O.B. to any point in Monroe County.

MATERIAL REQUIREMENTS

The material requirements for the Drain Basin shall be manufactured from PVC pipe stock meeting SDR 35, utilizing a thermomolding 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. The basin to be available with 12" and 6" adapters for connection with 12" and 6" corrugated polyethylene pipe (smooth bore or tubing) (to be specified at the time of order). The drain basin shall be as manufactured by Nyloplast USA, Inc. or approved equal. The 12" grate shall be made of cast iron and capable of supporting a H-20 loading with the standard 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. Drain basin shall conform to the attached detail.

UNIT PRICE BID

The unit price bid shall be for each unit, including all cost of furnishing and delivering the unit F.O.B. to any point in Monroe County within 14 days of receipt of order.

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	12” PVC Drain Basin	Each
	12” Cast Iron Frame and Hinged Grate	Each
	12” PVC Drain Basin and Cast Iron Frame and Hinged Grate	Each

ITEM _____ORGANIC SNOW AND ICE CONTROL PRODUCTS

DESCRIPTION:

It shall be the purpose and intent of this award to make available to end users a variety of snow/ice control agents 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. They may vary in many areas including color, composition, and performance and cost to name a few. It is therefore incumbent on the users of these materials to attempt to select a cost effective products that best suits the circumstances of usage anticipated.

The 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 and 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.

MATERIAL REQUIREMENT:

The material 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 deicing 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 degrees 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 that that of distilled water.
- The material shall meet the specifications, testing requirements and protocol consistent with the standards of the PNS "Pacific Northwest Snowfighters' Group
- In addition the material shall meet the following 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 WITH OR WITHOUT BENEFICIALUSE 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 product exceeds any of the following constituents then the bidder shall identify the exception(s) and explain any mitigating circumstances. The Agency reserves the right to evaluate these exceptions and make a determination of product eligibility based on the best interests of the Agency.

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

An independent certified analysis conducted within the last 3 years showing compliance with the above requirements must be submitted with the bid along with an intended use statement for the product. Exceptions to the requirements must be stated and the Agency reserves the right to reject the product

EQUIPMENT REQUIREMENT

When the price per gallon includes the mixing (Option B) the vendor shall deliver the necessary pug mill mixing equipment plant to the purchasing agents site, the mixing equipment shall be supplied with adjustable liquid flow controls and a qualified operator trained by the vendor. The pugmill 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 purchasing agency. The purchasing agency will 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 by the gallon for either Option A or Option B.

BASIS OF BID:

The county requests bids in for each material designated as follows:

The unit price bid per gallon for Option A shall include all costs of furnishing and delivering the material to any point in Monroe County

The unit price per gallon for Option B shall include all costs for the vendor furnishing, delivering the material and mixing (w/portable pugmill) the material with agency salt and aggregate at the agency storage facility.

ITEM _____ORGANIC SNOW AND ICE CONTROL PRODUCTS

BASIS OF PAYMENT:

Payment will be made under:

Item No.	Description	Pay Unit
	Organic Snow and Ice control liquid (Option A- delivered)	Gallon
	Organic Snow and Ice control liquid (Option B delivered and mixed at agency storage facility)	Gallon

ASPHALT PRICE ADJUSTMENT APPENDIX

Description

Price adjustments allowed will be based on the February 1, 2009 average of the F.O.B. terminal price per English ton of unmodified PG 64-22 binder without anti-stripping agent (base average F.O.B. terminal price). The new monthly average terminal price will be determined by the New York State Department of Transportation based on prices of preapproved primary sources of performance graded binder in accordance with the New York State Department of Transportation Standard Specification.

The February 1, 2009 average terminal price is **$426/Ton**

NOTE: The same grade of asphalt cement used in establishing the base average F.O.B. terminal price shall be used in establishing the new average F.O.B. terminal price.

In the event that one or more of the New York State Department of Transportation preapproved sources discontinue posting a price for asphalt cement, the base average F.O.B. terminal **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 prices per english ton of bituminous concrete material** purchased from any award based on this specification will be subject to adjustment based on the following formula:

Price Adjustment (per ton) Asphalt	=	New Monthly Average (per english ton)	-	Base Average Terminal Price	x	Total % Asphalt Plus Fuel Allowance

4. The **unit prices per square yard of paver placed surface treat 'Novachip'** material purchased from any award based on this specification will be subject to adjustment based on the following formula:

'Novachip' Adjustment (per sq. yd.)	=	New Monthly Average (per english ton)	-	Base Average Terminal Price	X	.07 (Total % petroleum (7%)	x	0.03

5. The **unit prices per square yard of fiber reinforced surface treatment** material purchased from any award based on this specification will be subject to adjustment based on the following formula:

Fiber reinforced Surface treatment Adjustment (per sq. yd.)	=	New Monthly Average (per english ton) / 235	-	Base Average Terminal Price / 235	x	Total % Asphalt Plus Fuel Allowance	x	0.40

6. The **unit prices per gallon of liquid bituminous asphalt emulsions** material purchased from any award based on this specification will be subject to adjustment based on the following formula:

Price adjustment Per Gallon	=	New Monthly Average (per english ton) / 235	-	Base Average Terminal Price / 235	x	Total Allowable Asphalt & Fuel Allowance

ASPHALT PRICE ADJUSTMENT APPENDIX

NEW MONTHLY AVERAGE F.O.B. TERMINAL PRICE:
The average F.O.B. terminal price for unmodified **PG 64-22** binder without anti-stripping agent as determined by the New York State Department of Transportation per New York State Department of Transportation Standard Specification.

BASE AVERAGE F.O.B. TERMINAL PRICE:
The average F.O.B. terminal price of unmodified PG 64-22 binder without anti-stripping agent as determined by the New York State Department of Transportation.

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
Type I Asphalt Base	5.00	1	6.00 %
Type I Asphalt Base (Recycled)	3.10	1	4.10 %
Type 3 Asphalt Binder	5.50	1	6.50 %
Type 3 Asphalt Binder (Recycled)	3.60	1	4.60 %
Type 5 Asphalt Shim	8.25	1	9.25 %
Type 6F Asphalt Top	6.20	1	7.20 %
Type 6F Asphalt Top (Recycled)	4.50	1	5.50 %
Type 7F Asphalt Top	6.85	1	7.85%
Type 7F Asphalt Top (Recycled)	5.10	1	6.10 %
Recycled Foamed Asphalt	2.50	1	3.50%
6.3mm F2 Polymer modified	6.50	1	7.50 %
Flexible Overlay/Smooth Seal	7.00	1	8.00 %
Flexible Top	5.50	1	6.50 %
Binder 19 mm F9 Superpave	4.90	1	5.90 %
Top 12.5 mm F2 Superpave	5.50	1	6.50%
Top 9.5 mm F2 Superpave	6.20	1	7.20%
Shim Course F9 Superpave	8.25	1	9.25%
True & Level F9 Superpave	**	1	*** %
Paver placed surface treatment 'Novachip'	7.00	0	7.00 %
Asphalt Emulsions			
CMS-2	65	12	77 %
CRS-2	65	3	68 %
CRS-2p	65	3	68 %
CSS-1	57	0	57 %
CSS-1h	57	0	57 %
RS-2	63	3	66 %
RS-2p	63	3	66 %
HFRA	65	5	70%
HFMS-2	65	10	75 %
HFMS-2gh	75	3	78 %
HFMS-2h	65	3	66 %
HFRS-2	63	3	66 %
HFRS-2p	63	3	66 %
HRMS2h Tack coat	35	0	35 %
Rapid breaking tack	35	0	35 %
CSS-1h Tack Coat	35	0	35 %
PG 64-22 (AC-20 w/ fiber crack fill)	95	0	95 %
18-64	100	0	100 %
Polymer Crack fill (ASTM D6690)	56	0	56 %

MC 30	100	2	102%
DEC 50	25	25	50%

** The conversion factor will be computed separately using the conversion factors for the individual mixture used

EXAMPLE: Item Asphalt Hot Mix 6F top
Base Average Price = $150.00
New Average Price = $160.00
Total % Asphalt plus Fuel = 7.4%

$160.00 - $150.00 x 0.074 = +$0.74 per English Ton

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

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 English ton.

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

Price adjustments allowed by this contract shall be calculated and applied to the original prices. **There will not be price adjustments unless** the change amounts to more than $.10 per English ton from the original prices for asphalt hot mixes, and $0.011 for asphalt emulsions and 'novachip'. In these instances prices will revert back to the original prices.

All price adjustments will be computed to three decimal places.

Should these provisions result in a price structure which becomes unworkable, detrimental or injurious to the State or in prices which are not truly reflective of market conditions or which are deemed by the Commissioner to be unreasonable or excessive, and no adjustment in price is mutually agreeable, the Commissioner reserves the sole right upon ten days written notice mailed to the contractor to terminate any contract resulting from this bid opening.

Price adjustment shall be published by the State and issued to all contract holders, whose responsibility will be to attach the appropriate state notification (based on when the work was performed) to the payment invoice submitted to agency.

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

Price adjustment for any contracts that are extended will be based on the new average for the month in which the work is done applying the same base established for that contract.

HIGHWAY MATERIALS GROUP II

ITEM	Price Page	Spec No.
Asphalt Concrete Hot Mix Courses	1-2	1
Plant Mixed Asphalt Patching Material	2	2
Modified Plant Mixed Asphalt Patching Material	2	3
Recrushed Asphalt Millings	2	4
Material Hauling	2	5
Bituminous Material (Liquid) Tack Coat in Five (5) Gal. Pails	2	6
Paver Rental - GROUP I Item	3	7A
Paver Operator- GROUP I Item	3	7B
Screedman- GROUP I Item	3	7C
Heavy Laborer- GROUP I Item	3	7D
Stone Aggregates (Quarry)	3-4	11
Stone Aggregates (Gravel Pit)	5	11
Concrete For Structures	6	14
Concrete Grouting Material	6	15
Controlled Low Strength Material	6	16
Flowable Fill Pure Waters Blend	6	17
Topsoil	7-8	18
Fill Dirt Material	7-8	19
Compost Topsoil	7-8	20
Select Structual Fill Material	7-8	21
Sand Material	7-8	22
Masonry Items	7-8	23
Common Sewer Brick	9	24
Patio Pavers	9	25
Detectable Warning Materials	9	26
Grass Seed - General Mix (Highway Blend)	9	27A
Grass Seed - Premium Mix (Pure Water Blend)	9	27B
Grass Seed - Annual Ryegrass	9	27C
Grass Seed - Quick Grow / Triple Perenial Ryegrass Mix	9	27D
Hydroseed Mulch (Cellulose - Paper)	9	27E
Hydroseed Mulch (Wood and Cellulose Fiber Mixture)	9	27F
Hydoseed Tackifiers	9	27G

Note: Locate Item Spec number in the footer of the individual spec.

HIGHWAY MATERIALS GROUP II

ITEM	Price Page	Spec No.
Turf Line Ice Melter	9	29
Super 5000 Concrete Mix	9	31
Speedcrete Red Line Fast Setting Concrete Mix	9	32
Speedcrete Green Line Semi-flowable Concrete Mix	9	33
Speedcrete Blueline Fast Setting Concrete Mix	9	34
Black Beauty	9	
MASTERFLOW ® 648 CP PLUS	9	57
MASTERFLOW ® 713 CP PLUS	9	58
Plastic Safety Fencing	10	35A
Polyethylene Snow Fence	10	35
Steel Snow Fence Post	10	37
Calcium Chloride	10	38
Geotextile Bedding Fabric	10	40
Geotextile Undercut Separation Fabric	10	41
Biaxial Geogrid Base Reinforcement Material	10	42
Geotextile Drainage Fabic	10	43
Erosion Control Silt Fence	10	44
Turbidity Cutain	10	45
Sedimintation Filtration Mat	10	46
Silt Filtration Bag	10	47
Geotextile Slope Protection - Temporary	10	48
Geotextile Slope Protection - Permenant	10	49
Centerline Delineators	10	50
Channelizer Cones with Molded Bases	10	51
Set -45 Concrete	11	53

Note: Locate Item Spec number in the footer of the individual spec.

HIGHWAY MATERIALS GROUP II

ITEM	Price Page	Spec No.
Penetrating Protective Sealer	11	54
Cono-crete 149 Epoxy Mortor	11	55
Thorite Fast Setting High Strength Patching Material	11	56
Catalytic Bonding Asphalt	11	59
Daraweld -C	11	61
Epoxy Polysulfide Binder	11	62
EUCO Concrete Coat	11	63
EUCO Verticoat	11	64
Bituthene 4000 Membrane	11	65
Bituthene P-3000 Primer	11	66
Bituthene Edge Mastic	11	67
WP-140 Industrial Water Based Water Repellent	11	68
Woven Nylon Polyethylene Nylon Sheets	11	70
Steel Manhole Adjustment Rings	12	71
Polyethylene Pipe Products by ADS	12	72
PVC Drain Basins and Components	12	73
Organic Snow and Ice Control products	13	74
Asphalt Price Adjustment Appendix		

Note: Locate Item Spec number in the footer of the individual spec.

ITEM ASPHALT CONCRETE ASPHALT COURSES

February 2009 Index Price = $426 US Ton

ITEM #	MATERIAL	Unit	Barre Stone - Albion	Hanson Agreegates - HF	Hanson - McKee Rd	Hanson Aggregates - Sctsv. Rd	Hanson Aggregates - Stafford	Iroquois Rock - Brockport	Iroquois Rock - Henrietta	Rochester Asphalt Material - Gates	Rochester Asphalt Material - Penfield	Rochester Asphalt Material - Victor	Rochester Asphalt Material - Walworth	Keeler Construction	Macedon Landscaping Inc.	Innovative Municipal Products (US) Inc.
	Type 1 Base Course	TON	45.50	46.50	48.50	No Bid	No Bid	46.50	47.50	47.50	47.50	48.50	47.50	No Bid	No Bid	No Bid
	Type 1 Base Course (Recycled)	TON	No Bid	45.25	No Bid	No Bid	No Bid	46.50	47.50	47.50	47.50	No Bid	47.50	No Bid	No Bid	No Bid
	Type 3 Binder Course	TON	47.50	48.50	50.50	No Bid	No Bid	47.50	48.50	48.50	48.50	49.50	48.50	No Bid	No Bid	No Bid
	Type 3 Binder Course (Recycled)	TON	No Bid	47.25	No Bid	No Bid	No Bid	47.50	48.50	48.50	48.50	No Bid	48.50	No Bid	No Bid	No Bid
	Type MC1 Binder Course	TON	51.50	48.50	50.50	No Bid	No Bid	50.00	51.00	51.00	51.00	52.00	51.00	No Bid	No Bid	No Bid
	Type MC1 Binder Course (Recycled)	TON	No Bid	47.25	No Bid	No Bid	No Bid	50.00	51.00	51.00	51.00	No Bid	51.00	No Bid	No Bid	No Bid
	Type 5 Shim Course	TON	62.50	60.00	63.00	No Bid	No Bid	57.00	58.00	58.00	58.00	59.00	58.00	No Bid	No Bid	No Bid
	Type 6F Top Course	TON	51.50	53.00	56.00	No Bid	No Bid	52.00	53.00	53.00	53.00	54.00	53.00	No Bid	No Bid	No Bid
	Type 6F Top Course (Recycled)	TON	No Bid	51.75	No Bid	No Bid	No Bid	52.00	53.00	53.00	53.00	No Bid	53.00	No Bid	No Bid	No Bid
	Type 7F Top Course	TON	54.00	54.00	57.00	No Bid	No Bid	54.00	55.00	55.00	55.00	56.00	55.00	No Bid	No Bid	No Bid
	Type 7F Top Course (Recycled)	TON	No Bid	52.75	No Bid	No Bid	No Bid	54.00	55.00	55.00	55.00	No Bid	55.00	No Bid	No Bid	No Bid
	6.3 mm Polymer Modified	TON	61.00	62.00	No Bid	No Bid	No Bid	61.00	62.00	62.00	62.00	63.00	62.00	No Bid	No Bid	No Bid
	Flexible Overlay (Smooth Seal)	TON	No Bid	54.00	59.00	No Bid	No Bid	54.00	55.00	55.00	55.00	56.00	55.00	No Bid	No Bid	No Bid
	Flexible Top	TON	53.50	53.00	56.00	No Bid	No Bid	52.00	53.00	53.00	53.00	54.00	53.00	No Bid	No Bid	No Bid
**	True & Leveling F9, Superpave HMA, (< 0.3 M ESAL's)	TON	54.00	53.00	No Bid	No Bid	No Bid	54.00	55.00	55.00	55.00	56.00	55.00	No Bid	No Bid	No Bid
**	True & Leveling F9, Superpave HMA, (< 3 M ESAL's)	TON	54.00	53.00	No Bid	No Bid	No Bid	54.00	55.00	55.00	55.00	56.00	55.00	No Bid	No Bid	No Bid
	Shim Course F9, Superpave HMA, (< 0.3 M ESAL's)	TON	62.50	60.00	No Bid	No Bid	No Bid	57.00	58.00	58.00	58.00	59.00	58.00	No Bid	No Bid	No Bid
	Shim Course F9, Superpave HMA, (< 3 M ESAL's)	TON	62.50	60.00	No Bid	No Bid	No Bid	57.00	58.00	58.00	58.00	59.00	58.00	No Bid	No Bid	No Bid
	Top Course 9.5 mm F2 Superpave HMA, (< 0.3 M ESAL's)	TON	53.50	54.00	57.00	No Bid	No Bid	54.00	55.00	55.00	55.00	56.00	55.00	No Bid	No Bid	No Bid
	Top Course 9.5 mm F2 Superpave HMA, (< 3 M ESAL's)	TON	53.50	54.00	57.00	No Bid	No Bid	54.00	55.00	55.00	55.00	56.00	55.00	No Bid	No Bid	No Bid
	Binder Course 12.5 mm F2 Superpave HMA, (< 0.3 M ESAL's)	TON	50.50	53.00	No Bid	No Bid	No Bid	52.00	53.00	53.00	53.00	54.00	53.00	No Bid	No Bid	No Bid

** The conversion factor will be computed separately using the conversion factors for the individual mixture used.

ITEM ASPHALT CONCRETE ASPHALT COURSES

February 2009 Index Price = $426 US Ton

ITEM #	MATERIAL	Unit	Barre Stone - Albion	Hanson Agreegates - HF	Hanson - McKee Rd	Hanson Aggregates - Sctsv. Rd	Hanson Aggregates - Stafford	Iroquois Rock - Brockport	Iroquois Rock - Henrietta	Rochester Asphalt Material - Gates	Rochester Asphalt Material - Penfield	Rochester Asphalt Material - Victor	Rochester Asphalt Material - Walworth	Keeler Construction	Macedon Landscaping Inc.	Innovative Municipal Products (US) Inc.
	Binder Course 12.5 mm F2 Superpave HMA, (< 3 M ESAL's)	TON	50.50	53.00	No Bid	No Bid	No Bid	52.00	53.00	53.00	53.00	54.00	53.00	No Bid	No Bid	No Bid
	Base Course 19 mm F9 Superpave HMA, (< 0.3 M ESAL's)	TON	47.00	48.50	No Bid	No Bid	No Bid	47.50	48.50	48.50	48.50	49.50	48.50	No Bid	No Bid	No Bid
	Base Course 19 mm F9 Superpave HMA, (< 3 M ESAL's)	TON	47.00	48.50	No Bid	No Bid	No Bid	47.50	48.50	48.50	48.50	49.50	48.50	No Bid	No Bid	No Bid
	Plant Mixed Stockpile Patching Material	TON	60.00	80.00	80.00	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	95.00
	Modified Stockpile Patching Materials	TON	90.00	100.00	100.00	No Bid	No Bid	No Bid	No Bid	104.00	104.00	No Bid	No Bid	No Bid	No Bid	95.00
	ReCrushed Asphalt Millings	TON	8.00	7.00	No Bid	No Bid	No Bid	No Bid	No Bid	6.75	6.75	No Bid	No Bid	No Bid	No Bid	No Bid
	Asphalt Millings Credit	TON	No Bid	1.00	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
	Delivery Cost 1st Mile (To be applied to Asphalt Items)	TON	No Bid	3.00	3.00	No Bid	No Bid	4.00	4.00	4.00	4.00	4.00	4.00	3.00	No Bid	10.00
	Delivery Cost additional Miles (To be applied to Asphalt Items)	TON	No Bid	0.35	0.35	No Bid	No Bid	0.50	0.50	0.50	0.50	0.50	0.50	0.50	No Bid	10.00
	Bituminous Material (Liquid) Tack Coat	5 gallon	60.00	60.00	60.00	No Bid	No Bid	45.00	45.00	45.00	45.00	45.00	45.00	No Bid	No Bid	No Bid
Group I	Paver Rental	Full Day	No Bid	1750.00	1750.00	1750.00	1750.00	1600.00	1600.00	1600.00	1600.00	1600.00	1600.00	1700.00	1500.00	No Bid
Group I	Paver Rental	Half Day	No Bid	1250.00	1250.00	1250.00	1250.00	1300.00	1300.00	1300.00	1300.00	1300.00	1300.00	850.00	975.00	No Bid
Group I	Paver Operator Straight Time	Hour	No Bid	70.00	70.00	70.00	70.00	75.00	75.00	75.00	75.00	75.00	75.00	80.00	72.50	No Bid
Group I	Paver Operator Over Time	Hour	No Bid	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	100.00	86.50	No Bid
Group I	Screedman Straight Time	Hour	No Bid	70.00	70.00	70.00	70.00	75.00	75.00	75.00	75.00	75.00	75.00	70.00	68.50	No Bid
Group I	Screedman Overtime	Hour	No Bid	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	90.00	80.00	No Bid
Group I	Heavy Laborer Straight Time	Hour	No Bid	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	68.50	No Bid
Group I	Heavy Laborer Overtime	Hour	No Bid	105.00	105.00	105.00	105.00	100.00	100.00	100.00	100.00	100.00	100.00	90.00	80.00	No Bid

** The conversion factor will be computed separately using the conversion factors for the individual mixture used.

ITEM STONE AGGREGATE (QUARRY)

ITEM #	MATERIAL	UNIT	Barre Stone - Albion	Dolomite - Gates	Dolomite - LeRoy	Dolomite - Ogden	Dolomite - Penfield	Dolomite - Walworth	Hanson Aggregates - Clarendon	Hanson Aggregates - HF	Hanson Aggregates - McKee Rd	Hanson Aggregates - Sctsv. Rd	Hanson Aggregates - Stafford	Iroquois Rock - Brockport
	5/8" Crushed Stone	Ton	9.75	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	9.25	11.75	11.75	9.25	No Bid
	5/8" Crusher Run	Ton	7.20	12.75	7.00	No Bid	8.25	7.50	No Bid	9.25	11.75	11.75	9.25	7.50
	#1 Crushed Stone	Ton	9.75	14.00	9.00	10.50	10.00	9.25	9.25	9.25	No Bid	No Bid	9.25	9.25
	#1 Crusher Run	Ton	7.00	8.75	6.50	7.50	7.75	7.00	6.95	6.95	11.75	11.75	6.95	7.00
	#2 Crushed Stone	Ton	8.75	14.00	9.00	10.50	10.00	9.25	9.25	9.25	No Bid	No Bid	9.25	9.25
	#2 Crusher Run	Ton	6.75	8.25	6.00	7.00	7.25	6.50	6.95	6.95	11.75	11.75	6.95	6.50
	#3 Crusher Run	Ton	6.75	No Bid	5.75	No Bid	No Bid	6.50	No Bid	6.95	No Bid	No Bid	6.95	No Bid
	Crushed Stone Screenings	Ton	8.75	No Bid	No Bid	No Bid	10.00	9.25	No Bid	9.25	No Bid	No Bid	9.25	9.50
	#1 Washed Crushed Stone	Ton	9.75	No Bid	9.50	10.50	10.50	9.75	9.25	9.25	No Bid	No Bid	9.25	9.75
	#1A Stone	Ton	10.95	No Bid	9.00	No Bid	10.00	9.25	10.75	10.75	No Bid	No Bid	10.75	9.25
	3/8" Washed Stone	Ton	9.75	No Bid	9.50	No Bid	No Bid	10.00	No Bid	9.25	No Bid	No Bid	9.25	No Bid
	#1A Washed Stone	Ton	10.95	No Bid	10.00	No Bid	10.75	10.00	10.75	10.75	No Bid	No Bid	10.75	10.00
	#1B Stone	Ton	9.75	No Bid	No Bid	No Bid	10.00	9.25	10.75	10.75	No Bid	No Bid	10.75	9.50
	#1B Washed Stone	Ton	9.75	No Bid	No Bid	No Bid	10.50	10.00	10.75	10.75	No Bid	No Bid	10.75	10.00
	#1 ST Washed Stone	Ton	No Bid	No Bid	9.50	No Bid	No Bid	10.00	No Bid	9.25	No Bid	No Bid	9.25	No Bid
	#2 Stone	Ton	8.75	14.00	9.00	10.50	10.00	9.25	9.25	9.25	No Bid	No Bid	9.25	9.25
	#2 Washed Stone	Ton	8.75	No Bid	9.50	10.50	10.50	9.75	9.25	9.25	No Bid	No Bid	9.25	9.75
	#3 Stone	Ton	9.00	No Bid	9.00	No Bid	10.00	9.25	No Bid	9.25	No Bid	No Bid	No Bid	9.25

* Delivery to be done by Keeler Construction. Need Keeler PO.

ITEM STONE AGGREGATE (QUARRY)

ITEM #	MATERIAL	UNIT	Barre Stone - Albion	Dolomite - Gates	Dolomite - LeRoy	Dolomite - Ogden	Dolomite - Penfield	Dolomite - Walworth	Hanson Aggregates - Clarendon	Hanson Aggregates - HF	Hanson Aggregates - McKee Rd	Hanson Aggregates - Sctsv. Rd	Hanson Aggregates - Stafford	Iroquois Rock - Brockport
	#4 Stone	Ton	**9.00**	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid

* Delivery to be done by Keeler Construction. Need Keeler PO.

ITEM STONE AGGREGATE (QUARRY)

ITEM #	MATERIAL	UNIT	Barre Stone - Albion	Dolomite - Gates	Dolomite - LeRoy	Dolomite - Ogden	Dolomite - Penfield	Dolomite - Walworth	Hanson Aggregates - Clarendon	Hanson Aggregates - HF	Hanson Aggregates - McKee Rd	Hanson Aggregates - Sctsv. Rd	Hanson Aggregates - Stafford	Iroquois Rock - Brockport
	#4A Stone	Ton	**9.50**	No Bid	No Bid	No Bid	**10.00**	**9.25**	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
	#5 Stone	Ton	**9.50**	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
	Recycled Concrete	Ton	**7.70**	**6.25**	No Bid	No Bid	**6.25**	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
	Stone Filling (Fine)	Ton	**8.75**	No Bid	**9.00**	No Bid	**10.50**	**9.25**	**9.50**	**9.50**	No Bid	No Bid	**9.50**	No Bid
	Stone Filling (Light)	Ton	**8.75**	No Bid	**10.00**	No Bid	**11.50**	**10.25**	**9.50**	**9.50**	No Bid	No Bid	**9.50**	**9.75**
	Stone Filling (Medium)	Ton	**11.00**	No Bid	**12.50**	**12.50**	**13.50**	**12.50**	**12.00**	**12.00**	No Bid	No Bid	**12.00**	**12.25**
	Stone Filling (Heavy)	Ton	**12.50**	No Bid	**14.50**	**14.50**	**15.50**	**14.50**	**13.00**	**13.00**	No Bid	No Bid	**13.00**	**14.25**
	Rip Rap	Ton	**12.50**	No Bid	**14.50**	**14.50**	**15.50**	**14.50**	**13.00**	**13.00**	No Bid	No Bid	**13.00**	**14.25**
	Plant Mixing of Aggregates	Ton	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
	Delivery Cost 1st Mile (to be applied to the aggregate bid items)	Ton	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	No Bid	No Bid	**3.00**	**3.00**
	Delivery Cost additional Miles (to be applied to the aggregate bid items)	Ton	***0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	**0.25**	No Bid	No Bid	**0.25**	**0.25**

* Delivery to be done by Keeler Construction. Need Keeler PO.

ITEM STONE AGGREGATE (GRAVEL PIT)

ITEM #	MATERIAL	UNIT	Dolomite - Avon	Dolomite - Mendon	Valley Sand & Gravel Scottsville	Hamlin Sand & Gravel	Eagle Harbor Sand & Gravel, Inc.
	5/8" Crushed Stone	TON	No Bid	No Bid	No Bid	No Bid	No Bid
	#1 Crushed Stone	TON	8.25	8.75	No Bid	No Bid	No Bid
	#1 Crusher Run	TON	6.00	No Bid	6.50	No Bid	No Bid
	#2 Crushed Stone	TON	8.25	No Bid	No Bid	No Bid	No Bid
	#2 Crusher Run	TON	5.50	No Bid	6.50	No Bid	No Bid
	Crushed Stone Screenings	TON	No Bid	No Bid	No Bid	No Bid	No Bid
	#1 Washed Crushed Stone	TON	8.25	8.75	8.50	No Bid	No Bid
	#1A Stone	TON	8.50	9.00	No Bid	No Bid	No Bid
	3/8" Washed Stone	TON	No Bid	9.00	No Bid	No Bid	No Bid
	#1A Washed Stone	TON	8.50	9.00	8.50	No Bid	No Bid
	#1B Stone	TON	No Bid	No Bid	No Bid	**15.00	No Bid
	#1B Washed Stone	TON	No Bid	No Bid	No Bid	No Bid	No Bid
	#1 ST Washed Stone	TON	No Bid	9.00	No Bid	No Bid	11.00
	#2 Stone	TON	8.25	No Bid	No Bid	**15.00	No Bid
	#2 Washed Stone	TON	8.25	No Bid	9.00	No Bid	11.50
	Screened Gravel	TON	5.50	No Bid	5.25	**6.75	7.50
	Recycled Concrete	TON	No Bid	No Bid	No Bid	No Bid	No Bid
	Stone Filling (Fine)	TON	No Bid	No Bid	No Bid	No Bid	No Bid
	Stone Filling (Light)	TON	No Bid	No Bid	No Bid	No Bid	No Bid
	Delivery Cost 1st Mile (to be added to the per UNIT cost)	TON	3.00	3.00	No Bid	No Bid	3.00
	Delivery Cost additional Miles (to be added to the per UNIT cost)	TON	0.25	0.25	No Bid	No Bid	0.25

** $/CY

ITEM CONCRETE MIXES DELIVERED

ITEM #	MATERIAL	UNIT	UNIT PRICE	VENDOR
	Concrete for Structures Class A	CY	**98.00**	Manitou Concrete
	Extra For "High Early"	CY	**6.00**	Manitou Concrete
	DCI	Gal.	**8.50**	Manitou Concrete
	Concrete for Structures Class D	CY	**101.00**	Manitou Concrete
	Extra For "High Early"	CY	**6.00**	Manitou Concrete
	DCI	Gal.	**8.50**	Manitou Concrete
	Concrete Grouting Material	CY	**130.00**	Manitou Concrete
	Controlled Low Strength Material	CY	**67.00**	Manitou Concrete
	Flowable Fill (Pure Waters Blend)	CY	**67.00**	Manitou Concrete
ADDITIONAL ITEMS TO BE ADDED TO THE ABOVE BID PRICES				
	Extra For Heat	CY	**9.00**	Manitou Concrete
	Extra For Small Load	Load	**75.00**	Manitou Concrete
	Extra For Retarder	CY	**4.00**	Manitou Concrete
	Waiting Time (In excess of I hour)	Min.	**1.00**	Manitou Concrete

ITEM TOP SOIL, FILL DIRT, SELECT FILL AND VARIOUS SANDS

ITEM #	MATERIAL	UNIT	Soil Siffters Inc.	American Green Landscape	Dolomite - Avon	Dolomite - Mendon	Dolomite - Ogden	Elam Sand & Gravel - West Bloomfield	Full Cycle - Various	Hamlin Sand & Gravel - Hamlin	Hanson Aggregates - Victor	Monroe Roadways - Various
	Topsoil - Screened	Ton	No Bid	No Bid	No Bid	No Bid	No Bid	13.00	No Bid	No Bid	No Bid	No Bid
	Topsoil - Screened	CY	15.00	14.00	No Bid	No Bid	No Bid	No Bid	17.00	No Bid	No Bid	13.75
	Topsoil - Unscreened	Ton	No Bid	No Bid	No Bid	No Bid	No Bid	9.00	No Bid	No Bid	No Bid	No Bid
	Topsoil - Unscreened	CY	8.50	6.50	No Bid	No Bid	No Bid	No Bid	7.00	No Bid	No Bid	No Bid
	Fill Dirt Material	Ton	No Bid	No Bid	No Bid	4.25	2.00	3.75	No Bid	No Bid	No Bid	No Bid
	Fill Dirt Material	CY	4.00	5.00	No Bid	No Bid	No Bid	No Bid	No Bid	3.75	No Bid	No Bid
	Compost Topsoil	CY	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
	Select Structural Fill	Ton	No Bid	No Bid	5.50	No Bid	7.00	5.00	No Bid	No Bid	No Bid	No Bid
	Select Structural Fill	CY	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	5.75	No Bid	No Bid
	Mortar Sand	Ton	No Bid	No Bid	10.25	10.75	No Bid	11.00	No Bid	No Bid	13.00	No Bid
	Grout Sand	Ton	No Bid	No Bid	10.25	10.75	No Bid	11.00	No Bid	No Bid	No Bid	No Bid
	Concrete Sand	Ton	No Bid	No Bid	9.75	10.25	No Bid	No Bid	No Bid	No Bid	9.25	No Bid
	Material Hauling (Aggregate Items) 0 to 1 Mile	Ton	No Bid	No Bid	3.00	3.00	3.00	3.25	No Bid	No Bid	3.00	No Bid
	Material Hauling (Aggregate Items) >1 Mile	Ton	No Bid	No Bid	0.25	0.25	0.25	0.25	No Bid	No Bid	0.25	No Bid
	Material Hauling (Aggregate Items) 0 to 1 Mile	CY	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	*4.00	No Bid	No Bid	No Bid
	Material Hauling (Aggregate Items) >1 Mile	CY	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	*8.00	No Bid	No Bid	No Bid

*15 CY Minimum Load
** Dry (Stored Inside)

****6 CY Minimum
*** 20T Minimum Load

ITEM TOP SOIL, FILL DIRT, SELE

ITEM #	MATERIAL	UNIT	Macedon Landscaping	R.M. Landscape	Barre Stone Products	Manitou / Parma LLC	Eagle Harbor Sand & Gravel	Valley Sand & Gravel	American Topsoil & Trucking	104 Contractors Inc.	Beehler Construction Inc.	Brenwood Inc.	Morrison Excavating
	Topsoil - Screened	Ton	No Bid	No Bid	10.00	No Bid	14.00	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
	Topsoil - Screened	CY	14.00	14.00	No Bid	14.00	No Bid	No Bid	10.00	15.00	11.00	14.00	13.50 **21.00
	Topsoil - Unscreened	Ton	No Bid	No Bid	8.50	No Bid	8.00	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
	Topsoil - Unscreened	CY	No Bid	11.00	No Bid	No Bid	No Bid	No Bid	7.00	12.00	7.25	9.50	No Bid
	Fill Dirt Material	Ton	No Bid	No Bid	2.75	No Bid	4.00	5.00	No Bid	No Bid	No Bid	No Bid	No Bid
	Fill Dirt Material	CY	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	3.00	10.00	No Bid	8.00	No Bid
	Compost Topsoil	CY	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
	Select Structural Fill	Ton	No Bid	No Bid	No Bid	No Bid	No Bid	5.25	No Bid	No Bid	No Bid	No Bid	No Bid
	Select Structural Fill	CY	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
	Mortar Sand	Ton	No Bid	No Bid	No Bid	No Bid	11.50	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
	Grout Sand	Ton	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid
	Concrete Sand	Ton	No Bid	No Bid	No Bid	No Bid	10.25	9.50	No Bid	No Bid	No Bid	No Bid	No Bid
	Material Hauling (Aggregate Items) 0 to 1 Mile	Ton	No Bid	No Bid	No Bid	No Bid	3.00	No Bid	No Bid	No Bid	No Bid	No Bid	***4.60
	Material Hauling (Aggregate Items) >1 Mile	Ton	No Bid	No Bid	No Bid	No Bid	0.25	No Bid	No Bid	No Bid	No Bid	No Bid	0.43
	Material Hauling (Aggregate Items) 0 to 1 Mile	CY	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	****6.00
	Material Hauling (Aggregate Items) >1 Mile	CY	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid

*15 CY Minimum Load
** Dry (Stored Inside)

****6 CY Minimum
*** 20T Minimum Load

ITEM VARIOUS CONSTRUCTION ITEMS

ITEM #	MATERIAL	UNIT	UNIT PRICE	VENDOR
	Common Sewer Brick	Ea.	No Bid	
	Patio Pavers	Ea.	No Bid	
	Highway Common Brick FULL HEIGHT	Ea.	No Bid	
	Highway Common Brick HALF HEIGHT	Ea.	No Bid	
	Surface Applied Detectable Warning Materials	SF	**20.25**	**Volvo Rents - American Rentals, LLC**
	Embedded Preformed Detectable Warning Materials	SF	**20.25**	**Volvo Rents - American Rentals, LLC**
	Detectable Warning Paver Brick	SF	No Bid	
	GRASS SEED & TURF ICE MELTER			
	Grass Seed General Mix (Highway Blend)	50 # Bag	**67.00**	**Northern Nurseries**
	Grass Seed Premium Mix (Pure Waters Blend)	50 # Bag	**79.00**	**Northern Nurseries**
	Grass Seed Quick Grow / Triple Perennial Ryegrass Mix	50 # Bag	**63.00**	**Northern Nurseries**
	Grass Seed Annual Ryegrass	50 # Bag	**26.00**	**Northern Nurseries**
	Hydroseed Mulch (Cellulose - Paper)	Lb.	**0.26**	**Northern Nurseries**
	Hydroseed Mulch (Wood and Cellulose Fiber Mixture)	Lb.	**0.26**	**Northern Nurseries**
	Hydroseed Tackifiers	Lb.	**3.44**	**Northern Nurseries**
	Turfline Ice Melter (42 bags / pallet)	Pallet	**1,155.00**	**Progressive Lawn Research Inc**
	Turfline Ice Melter	50 # Bag	**27.50**	**Progressive Lawn Research Inc**
	MORTOR / CONCRETE MIXES / BLACK BEAUTY			
	Mortar Mix	80 # Bag	**4.60**	**Volvo Rents - American Rentals, LLC**
	Concrete Mix	80 # Bag	**4.17**	**Allied / Keystone**
	Portland Cement	94 # Bag	**9.05**	**Allied / Keystone**
	Type S Pre Blended Mortar Mix (ASTM C270)	80 # Bag	**4.66**	**Allied / Keystone**
	Super 5000 Concrete Mix	80 # Bag	**4.80**	**Allied / Keystone**
	Speedcrete RED LINE	50 # Bag	**16.50**	**Allied / Keystone**
	Speedcrete GREEN LINE	50 # Bag	**16.20**	**Volvo Rents - American Rentals, LLC**
	Speedcrete BLUE LINE	50 # Bag	**16.50**	**Allied / Keystone**
	MASTERFLOW ® 648 CP Plus (PolyGrout Tamms *Ind.)*	Kit	**210.00**	**Volvo Rents - American Rentals, LLC**
	MASTERFLOW ® 713 CP Plus (NC Grout Tamms Ind.)	55 # Bag	**17.00**	**Volvo Rents - American Rentals, LLC**
	Black Beauty	100 # Bag	**9.00**	**Allied / Keystone**

ITEM VARIOUS CONSTRUCTION ITEMS

ITEM #	MATERIAL	UNIT	UNIT PRICE	VENDOR
	SNOW FENCE / POST / CALCIUM CHLORIDE			
	Plastic Safety Fence	Each /50 Foot Roll	**22.45**	**Volvo Rents - American Rentals, LLC**
	Steel Snow Fence Post	Each	**6.00**	**Volvo Rents - American Rentals, LLC**
	656-2 Calcium Chloride	50 # bag	**10.95**	**Allied / Keystone**
	GEOTEXTILE FABRICS			
	Biaxial Geogrid Reinforcement Material	SF	**0.220**	**Volvo Rents - American Rentals, LLC**
	Geotextile Bedding Fabric	SF	**0.062**	**Allied / Keystone**
	Geotextile Undercut Seperation Fabric	SF	**0.065**	**Allied / Keystone**
	Geotextile Drainage Fabric	SF	**0.057**	**Allied / Keystone**
	Erosion Control Silt Fence	LF	**0.210**	**Allied / Keystone**
	Turbidity Curtain	SF	**2.75**	**Allied / Keystone**
	Sediment Filtration Mat (4'x10' Roll)	SF	**1.86**	**Volvo Rents - American Rentals, LLC**
	Silt Filtration Bag	Each	**75.00**	**Volvo Rents - American Rentals, LLC**
	Geotextile Slope Protection Temporary	SF	**0.063**	**Allied / Keystone**
	Geotextile Slope Protection Permanent	SF	**0.063**	**Allied / Keystone**
	TRAFFIC MAINTENANCE PRODUCTS			
	Centerline Delineators (500 count)	Box	**379.00**	**Crossroads Hwy. Supply Inc.**
	42 "Channelizer Cone with16 # Rubber base **with** Reflective Sheeting	Each	**No Bid**	
	42 "Channelizer Cones with16 # Rubber base **w/ out** Reflective Sheeting	Each	**No Bid**	
	42 "Channelizer Cone **(only) w/ out** Reflective Sheeting	Each	**No Bid**	
	42 "Channelizer Cone (only) with Reflective Sheeting	Each	**No Bid**	
	16 # Rubber Bases (only)	Each	**No Bid**	

ITEM VARIOUS CONSTRUCTION ITEMS

ITEM #	MATERIAL	UNIT	UNIT PRICE	VENDOR
	BRIDGE MAINTENANCE ITEMS			
	Set 45 Concrete (Speedcrete 2028) / Sika Quick 2500	50 # Bag	**19.00**	**Volvo Rents - American Rentals, LLC**
	Penetrating Protective Sealer (Barricade 100)	Gal.	**27.00**	**Volvo Rents - American Rentals, LLC**
	Cono/Crete 149 Epoxy Mortor Doral Flex Patch	40 # cntr	**61.00**	**Allied / Keystone**
	Thorite Fast Setting High Strength Patching Material	50 # Bag	**20.95**	**Allied / Keystone**
	Catalytic Bonding Asphalt	5 Gal.	**150.00**	**Volvo Rents - American Rentals, LLC**
	Duraweld -C Armetec (Hornweld)	5 Gal.	**77.50**	**Volvo Rents - American Rentals, LLC**
	Epoxy Polysulfide Binder	3 Gal.	**35.50**	**Allied / Keystone**
	EUCO Concrete Coat Latex Modified Patch Kit / Tammspatch II	Kit	**26.50**	**Volvo Rents - American Rentals, LLC**
	EUCO Vericoat w/ 1 gal. Verticn mix liquid / Tammspatch II	Kit	**26.50**	**Volvo Rents - American Rentals, LLC**
	BITUTANE 4000 Membrane	SF	**0.75**	**Allied / Keystone**
	BITUTANE P-3000 Primer	Gal.	**69.59**	**Allied / Keystone**
	BITUTANE Edge Mastic	Gal.	**22.80**	**Allied / Keystone**
	WR 140 Industrial Water Based Water Repellent (Chemstop)	Gal.	**18.00**	**Volvo Rents - American Rentals, LLC**
	Woven Polyethelene Nylon Sheets (20' X 100')	Roll	**99.00**	**Volvo Rents - American Rentals, LLC**
	Woven Polyethelene Nylon Sheets (40' X 100')	Roll	**186.60**	**Volvo Rents - American Rentals, LLC**

ITEM VARIOUS CONSTRUCTION ITEMS

ITEM #	MATERIAL	UNIT	UNIT PRICE	VENDOR
		DRAINAGE ITEMS		
	Prefabricated Adjustment Rings For Manholes	Each	**95.00**	**Syracuse Castings**
	12" PVC Drain Basin	Each	**215.46**	**Chemung Supply Corp.**
	12" Cast Iron Frame and Hinged Grate	Each	**47.00**	**Syracuse Castings**
	12" PVC Drain Basin and Cast Iron Frame and Hinged Grate	Each	**293.89**	**Chemung Supply Corp.**
	Saddle Tee 4x12	Each	**31.38**	**Chemung Supply Corp.**
	Saddle Tee 4x15	Each	**33.33**	**Chemung Supply Corp.**
	Saddle Tee 4x18	Each	**54.51**	**Chemung Supply Corp.**
	Saddle Tee 4x24	Each	**55.80**	**Chemung Supply Corp.**
	Saddle Tee 4x30	Each	**82.39**	**Chemung Supply Corp.**
	Saddle Tee 4x36	Each	**102.44**	**Chemung Supply Corp.**
	Saddle Tee 6x12	Each	**32.65**	**Chemung Supply Corp.**
	Saddle Tee 6x15	Each	**43.42**	**Chemung Supply Corp.**
	Saddle Tee 6x18	Each	**61.15**	**Chemung Supply Corp.**
	Saddle Tee 6x24	Each	**66.46**	**Chemung Supply Corp.**
	Saddle Tee 6x30	Each	**86.94**	**Chemung Supply Corp.**
	Saddle Tee 6x36	Each	**109.47**	**Chemung Supply Corp.**
	Clay Adapter 3"	Each	**1.33**	**Chemung Supply Corp.**
	Clay Adapter 4"	Each	**1.33**	**Chemung Supply Corp.**
	Clay Adapter 6"	Each	**3.83**	**Chemung Supply Corp.**
	Snap T's 4x4	Each	**3.18**	**Chemung Supply Corp.**
	Snap T's 6x6	Each	**7.08**	**Chemung Supply Corp.**
	Snap T's 6x4	Each	**7.28**	**Chemung Supply Corp.**

ITEM ORGANIC BASED SNOW AND ICE PRODUCTS

OPTION A - Product Furnished and Delivered

PRODUCT NAME	PRODUCT COLOR	% BLEND of Product (w/ Chloride Liquid)	CHLORIDE LIQUID TYPE	UNIT	UNIT PRICE	VENDOR
MAGIC MINUS ZERO	Brown	50	Magnesium	Gallon	**1.29**	Innovative Municipal Products (US) Inc.
ICE B GONE	Brown	80	Magnesium	Gallon	**1.19**	Innovative Municipal Products (US) Inc.
CALIBER M2000	Blue	80	Magnesium	Gallon	**1.19**	Innovative Municipal Products (US) Inc.
MELT DOWN	Cl. / Blue	90	Magnesium	Gallon	**0.79**	Innovative Municipal Products (US) Inc.
Ice Ban Concentrate	Brown	100	None	Gallon	No Bid	
Ice Ban 75/25	Brown	75	Sodium / Calcium	Gallon	No Bid	
Ice Ban 50/50	Brown	50	Sodium / Calcium	Gallon	**0.75**	Millenium Roads
Ice Ban 25/75	Brown	25	Sodium / Calcium	Gallon	**0.75**	Millenium Roads

ITEM ORGANIC BASED SNOW AND ICE PRODUCTS - MIXED

OPTION B - Product Furnished, Delivered and Mixed

PRODUCT NAME	PRODUCT COLOR	% BLEND of Product (w/ Chloride Liquid)	CHLORIDE LIQUID TYPE	UNIT	UNIT PRICE	VENDOR
MAGIC MINUS ZERO	Brown	50	Magnesium	Gallon	**1.79**	Innovative Municipal Products (US) Inc.
ICE B GONE	Brown	80	Magnesium	Gallon	**1.69**	Innovative Municipal Products (US) Inc.
CALIBER M2000	Blue	80	Magnesium	Gallon	**1.69**	Innovative Municipal Products (US) Inc.
MELT DOWN	Cl. / Blue	90	Magnesium	Gallon	**1.09**	Innovative Municipal Products (US) Inc.
Ice Ban Concentrate	Brown	100	None	Gallon	No Bid	
Ice Ban 75/25	Brown	75	Sodium / Calcium	Gallon	**0.90**	Millenium Roads
Ice Ban 50/50	Brown	50	Sodium / Calcium	Gallon	**0.90**	Millenium Roads