

COUNTY OF ULSTER

*ADELE B. REITER
Acting County Executive*



ULSTER COUNTY PURCHASING DEPARTMENT

*ED JORDAN
Director of Purchasing*

CONTRACT AWARD INFORMATION

Title: ROAD MATERIALS

BID NUMBER: RFB-UC19-013

Contract Period: APRIL 1, 2019 – MARCH 31, 2020

Authorized Users: ALL

View Specifications at: <http://www.empirestatebidsystem.com/>

Submit Inquiries to:

If you intend to Piggyback off of this bid please contact Buyer first:

Name: MICHAEL MAPHIS

Phone: 845-340-3999

Fax: 845-340-3434

Email: mmap@co.ulster.ny.us

BID DESCRIPTION

The purpose of this bid is to establish a price for the purchase of various types of sand, stone, concrete and asphalt road materials **as needed** by the Ulster County Department of Public Works and other political subdivisions as authorized by law.

VENDOR LIST FOR 2019 SEASON

209 Sand & Gravel LLC, Napanoch
299 Main Street
Woodbourne, NY 12788
Contact: Bob Scheinman
Ph: 845-434-6628
Fax: 845-434-1655

Callanan Industries, Inc.
1245 Kings Road
PO Box 15097
Albany, NY 12212-5097
Contact: Jason Ilgner
Ph: 845-204-5178
Fax: 518-381-6775

<p>Cranesville Block Co. and Eastern Materials LLC 1250 Riverfront Center Amsterdam, NY 12010 Contact: Joe or John Tesiero Ph: 518-684-6007 Fax: 518-684-0127</p>	<p>Peckham Materials Corp. 763 Schoharie Turnpike Athens, NY 12015 Contact: Rick Rosa Ph: 518-945-1120 Fax: 518-945-1298</p>
<p>E. Tetz & Sons, Inc. 130 Crotty Road Middletown, NY 10941 Contact: Denise Tetz Ph: 845-692-4486 Fax: 845-692-6838</p>	<p>Mombaccus Excavating Inc. 710 Cherrytown Rd. Kerhonkson, NY 12446 Contact: Keith Kortright Ph: 845-626-0903 / 845-706-8566 Fax: 845-626-8147</p>
<p>Morlyn Asphalt Corp. 420 Bernas Rd Cochecton, NY 12726 Contact: Luke Bernas Ph: 845-932-7815 Fax: 845-932-8139</p>	<p>Morton Salt, Inc. 444 West Lake St., Suite 300 Chicago, IL 60606 Contact: Anthony Patton Ph: 855-665-4540</p>
<p>Northeast Solite Corp 962 Kings Highway-PO Box 437 Mt. Marion, NY 12456 Contact: Mike Weeks Ph: 845-246-9571 Fax: 845-246-2619</p>	

39.0 **SECTION A – PICKUP AT VENDOR’S STOCKYARD**

Ulster County Sections are for purposes of determining the County's **transportation costs** that will be added to the bid price offered to determine the most economical vendor to receive the Award. This cost will be calculated using the formula below and will be added to the bid price offered to determine the TOTAL COST to haul the materials. Each bid price will be individually calculated for each of the 5 Sections listed in order to determine the TOTAL COST for Award purposes. The BID WILL BE AWARDED BY ITEM, BY SECTION, to a single vendor for each product commodity that is low bid with the transportation factor added.

The transportation costs will be calculated by the County of Ulster using the most reasonable round trip, truck route from the Vendor’s Stockyard to a County owned highway facility in each Section or to an Ulster County job site. The transportation costs will be calculated by the County of Ulster based on an average truck load of ten tons. The calculation will use **\$2.60/round trip mile (per truckload)** multiplied by the appropriate number of round trip miles and then divided by 10 to estimate the cost, per ton, to transport each ton of material. These mileage calculations are determined by Ulster County and are final.

Example Calculation: Item name: #1 Stone, ID #190 (picked up at Vendor’s Stockyard)

Distance from vendor to delivery point - 15 miles (round trip equals 30 miles)

\$4.00/ton	Bid Price/ton loaded at stockyard (vendors bid)
\$7.80/ton	30 miles x \$2.60/mile divided by 10 tons (average per truckload)
\$11.80/ton	Total Item Cost/ton to use for the basis of the Award

All purchases shall be made from the awarded vendor for that Section. Purchases outside a Section may be made if it is proven by the ordering agency that the total cost (including trucking costs) is lower than the awarded vendor's cost.

The Award for Asphalt items will also be given for the second and third lowest in each Section to accommodate the County if an excessive wait is projected that will affect completion of a particular project.

NOTE: Awards will NOT be made to pick up materials located on the east side of the Hudson River due to the expense and logistics of crossing the river.

Bidders should bid all locations (Quarries, Plants & Facilities) where the required products are available. Vendors should note on their bid sheet the specific location of the plant or facility they are bidding. A SEPARATE BID SHEET SHALL BE SUBMITTED FOR EACH PRODUCT FOR EACH LOCATION LISTING THE EXACT STREET ADDRESS.

40.0 **SECTION B – DELIVERED PRICING**

Items in **SECTION B – DELIVERED PRICING** may be awarded individually for each item delivered to each of the 5 Sections based on the lowest responsive, responsible bid. The bid for each Section shall include delivery of the item to any point within that Section. Bidders with more than one stockyard location must submit a separate bid sheet for each location reflecting the pricing delivered from that location to each of the Sections. The bidder must state individual prices for all units bid.

The price invoiced shall be the net price as bid by the awarded vendor. **No surcharges, fuel costs, prices escalations, or other cost adjustments not specifically permitted in these specifications will be allowed. All invoices must indicate the applicable UC Bid number,**

the Section where the items were delivered to and an accurate description of the product that was supplied. Failure to properly document each invoice may cause a delay in payment.

Bidders should bid all locations (Quarries, Plants & Facilities) where the required products are available. Vendors should note on their bid sheet the specific location of the plant or facility they are bidding. A SEPARATE BID SHEET SHALL BE SUBMITTED FOR EACH PRODUCT FOR EACH LOCATION LISTING THE EXACT STREET ADDRESS.

41.0 PRICE ADJUSTMENT FOR HOT ASPHALT PRODUCTS

Price Escalation and De-escalation will be allowed only on the hot asphalt products. **When a Price Adjustment is claimed on an invoice, that invoice must show the current Average Posted Price as well as the base Average Posted Price used in this specification and document the math used to determine the Adjustment that is being claimed. Failure to properly document each invoice may cause a delay in payment.**

The Price Adjustment will be based on the Average Posted Prices for Asphalt (Performance Graded Binder) per US ton as reported by the NYS DOT. This Average Posted Price is available on the DOT WEBSITE by searching for “fuel, asphalt & steel price adjustments” at <https://www.dot.ny.gov/main/business-center/contractors/construction-division/fuel-asphalt-steel-price-adjustments>

*The Base Average Posted Price for all asphalt prices submitted on this bid, and for all contracts that result from this bid, will be the price posted by the NYS DOT for **January 2019** which is **\$525/US ton**.*

The NYS DOT determines new Average Posted Prices for Asphalt each month. It should be understood that price adjustments, in accordance with the formula below, would be effective on purchases made on and after the first day of the following month. In no event will a price adjustment be effected unless the change amounts to more than \$.10 per ton. All price adjustments will be computed to two decimal places. Any and all price revisions allowed by this contract shall be calculated and applied to the original Unit Price per US Ton that was bid.

Any introduction or withdrawal of a temporary voluntary allowance, terminal operator's allowance or other discount offered to the trade in general from the posted price of asphalt will be considered, for purposes of price adjustment, as a change in the posted price.

Formula:

The Unit Price per **US ton** of asphalt purchased under these Specifications will be adjusted, by Item, in accordance with the following formula:

The Price Adjustment equals the New Average Posted Price minus the Base Average Posted Price multiplied by the Total Percent % Liquid Asphalt in each product (as indicated below).

Sample Calculation:

If the new average posted price is established at \$600 per US ton and if the Base Average Posted Price for this bid is **\$525/ton** and we are adjusting the Unit Price per Ton of Hot Mix Asphalt Type 7 (**7.85%**), the calculation would be as follows:

$$(600.00 - 525.00) \times .0785 = (+) \mathbf{\$5.888/Ton \text{ of Asphalt Type 7}}$$

The Awarded vendor will be allowed to add **\$5.888** to his bid price per ton when invoicing Asphalt Type 7.

The total percentage of liquid asphalt is indicated below for each of these Specifications:

NYS DOT ITEM #	DESCRIPTION	% LIQUID ASPHALT
402.378901	37.5 F9 Base Course HMA	5.5
402.258901	25 F9 Binder Course HMA,	5.5
402.198901	19 F9 Binder Course HMA,	5.9
402.128201	12.5 F2 Top Course HMA,	6.5
402.098201	9.5 F2 Top Course HMA,	7.2

UC ITEM #	DESCRIPTION	% LIQUID ASPHALT
1000	HOT MIX ASPHALT, TYPE 1 BASE COURSE	6.0
1030	HOT MIX ASPHALT, TYPE 3 BINDER COURSE	6.5
1060	HOT MIX ASPHALT, TYPE 5 SHIM COURSE	9.25
1090	HOT MIX ASPHALT, TYPE 6 TOP COURSE	7.2
1120	HOT MIX ASPHALT, TYPE 6F TOP COURSE	7.2
1150	HOT MIX ASPHALT, TYPE 7 TOP COURSE	7.85
1180	HOT MIX ASPHALT, TYPE 7F TOP COURSE	7.85

All Hot Mix Asphalt shall meet NYS Standard DOT specifications dated January 2, 1995

42.0 PRICE ADJUSTMENT FOR FUEL PRODUCTS USED IN DELIVERED PRICING

Price Escalation and De-escalation will be allowed as a “surcharge” on the invoice for fuel products used to deliver contract materials to Ulster County. **When a Price Adjustment is claimed on an invoice, that invoice must show the current Average Posted Price as well as the base Average Posted Price used in this specification and document the math used to determine the Adjustment that is being claimed. Failure to properly document each invoice may cause a delay in payment.**

The Price Adjustment will be based on the US Energy Information Administration (EIA) price per US gallon for Ultra Low sulfur Diesel Fuel for the New England States. This Weekly Average Posted Price is available on the EIA Website at <http://www.eia.gov/> by clicking on “Sources/Petroleum and other liquids” and then “Data” and “Prices”. Choose the “Weekly Retail Gasoline and on-highway Diesel Prices” and select “New England (PADD 1A).”

The **Base Average Posted Price** for any fuel adjustments (surcharges) for all contracts that result from this bid will be the price posted by the US EIA for **the week of January 7, 2019 for Ultra Low Sulfur Diesel Fuel for the New England States which is \$3.216, as shown in the chart below.**

The US EIA determines new Average Posted Prices for Fuel each week. It should be understood that price adjustments (surcharges) for fuel, in accordance with the chart below, would be effective on deliveries made on and after the first day of the week of the posting. **Fuel surcharges will not be allowed until the Average Posted Price changes more than \$0.50 above or below the base price.** Once the posted price leaves the Base Price Range shown on the following chart each additional change exceeding \$0.25 will result in a \$4.00 surcharge **per delivery** as shown. i.e. If the Average Posted Price is \$3.717/gallon then a

surcharge of \$4.00 per delivery may be applied as the cost has increased past the \$3.716 threshold (see below).

Previous price history for diesel fuel is available at <http://www.eia.gov/petroleum/gasdiesel/> but can be hard to find. **Vendors that add the surcharge to their invoice are required to print the applicable EIA price page (as shown below) and submit it with their invoice to avoid confusion or delay in payment.**

WEEKLY EIA POSTED DIESEL PRICE	SURCHARGE ALLOWED PER DELIVERY
Under \$2.216	(\$12.00 CREDIT)
Under \$2.466	(\$8.00 CREDIT)
Under \$2.716	(\$4.00 CREDIT)
\$2.716 - \$3.716	BASE RANGE
Over \$3.716	\$4.00
Over \$3.966	\$8.00
Over \$4.216	\$12.00
Over \$4.466	\$16.00
Over \$4.716	\$20.00
Over \$4.966	\$24.00
Over \$5.216	\$28.00

Weekly Retail Gasoline and Diesel Prices

(Dollars per Gallon, Including Taxes)

Area: Period:

[Download Series History](#) [Definitions, Sources & Notes](#)

Show Data By: <input checked="" type="radio"/> Product <input type="radio"/> Area	12/03/18	12/10/18	12/17/18	12/24/18	12/31/18	01/07/19	View History
Gasoline - All Grades	2.657	2.623	2.591	2.540	2.500	2.455	1993-2019
All Grades - Conventional Areas	2.526	2.484	2.455	2.388	2.347	2.319	1994-2019
All Grades - Reformulated Areas	2.674	2.641	2.608	2.560	2.519	2.472	1994-2019
Regular	2.583	2.548	2.514	2.461	2.422	2.378	1993-2019
Conventional Areas	2.479	2.441	2.408	2.340	2.302	2.275	1993-2019
Reformulated Areas	2.597	2.563	2.528	2.478	2.439	2.393	1994-2019
Midgrade	2.914	2.880	2.858	2.826	2.774	2.714	1994-2019
Conventional Areas	2.890	2.782	2.820	2.769	2.674	2.609	1994-2019
Reformulated Areas	2.916	2.888	2.861	2.830	2.781	2.722	1994-2019
Premium	3.109	3.085	3.058	3.022	2.968	2.923	1994-2019
Conventional Areas	3.017	2.961	2.940	2.883	2.834	2.813	1994-2019
Reformulated Areas	3.116	3.094	3.066	3.032	2.977	2.931	1994-2019
Diesel (On-Highway) - All Types	3.310	3.295	3.276	3.237	3.234	3.216	1997-2019
Ultra Low Sulfur (15 ppm and Under)	3.310	3.295	3.276	3.237	3.234	3.216	2007-2019

43.0 PRODUCT SPECIFICATIONS AND REQUIREMENTS

43.1 REDI-MIX CONCRETE

Redi-mix concrete. NYS DOT Requirements-Section 501. Price requested: Class A (approximately 3,500 psi) & Class E (approximately 5,000 psi) per yard. Minimum load to avoid short load charge is 5 yards. NYS DOT approved source or aggregate.

Extras such as fiber mesh, heat/winter mix, short load charge, charge for excessive wait time, etc will be considered non-contract items and the cost will be negotiated at the time the order is placed.

The Award for Redi-Mix concrete will also be given for the second and third lowest in each Section to accommodate the County if an excessive wait is projected at the Awarded vendor's plant that will affect completion of a particular project.

43.2 ROCK SALT

The bulk of the rock salt used by the Ulster County Department of Highway & Bridges will be purchased from the NYS Contract. This Bid will be primarily for use by the towns and other municipalities.

Material to be furnished will comply with or exceed the specs of the NYS DOT in bulk. Material shall not contain over 1 1/2% of moisture by weight. Bulk salt shall be properly stored and protected from precipitation until delivery. A certified weight receipt shall support each delivery of bulk salt.

The supplier must maintain a stockyard within a radius of 50 miles of the City of Kingston with bulk salt in sufficient quantities to insure its availability under ordinary conditions. At least 5000 tons must be on site and available for delivery within Ulster County. Supplier must indicate the bulk price per ton, FOB said stockyard, loaded on County, Town or other entity vehicle.

The minimum order for pickup by the County, Town or other user will be 10 tons.

The minimum order for delivery will be 22 ton full truckloads.

43.3 STONE ITEMS #1, #1A, #1ST, #1M, #1MF AND #1 & #2 MIXED - MUST BE WASHED

These stone items must be washed according to the specifications that follow. A description of the plant flow operation of the vendors washing process must be returned with the bid proposal. Stone must meet the following specifications:

MATERIAL

- a) Stone shall conform to the material requirements of NYS DOT Standard Specification Section 703-02 dated January 2, 1990. Aggregate meeting this spec will be used for surface treatment and cold bituminous pavements.
- b) 1MF Indicates Motor Paved Stone Utilizing High Friction Materials
- c) Screen Test Results as follows: - This is for all stone products in this bid.

<u>SCREEN SIZE</u>	<u>% PASSING THRU</u>
1"	100%
5/8"	90-100%
1/4"	0-10%
1/8"	0-5%
200 sieve	0-1.0%

WASHING PROCESS - FOR ALL SIZES OF STONE

Stone shall be washed to remove any deleterious materials. In addition to the above sizing specs, special consideration must be given to excess adhesion of dust, clay, and silt to the finished product. The County will routinely test for required cleanliness at their discretion.

OIL CONSUMPTION - FOR ALL SIZES OF STONE

The adhesion of foreign material would adversely affect the consumption of oil in the Motor Pave process for which this product is being used. **The oil consumption range of this stone shall range between 9.0 to 13.0 gallons of oil per ton.** The stone vendor will pay for any oil consumption above this range. Ulster County Department of Highways & Bridges shall reserve the right to halt delivery of the product at any time that it is apparent that the stone is failing to meet the size or cleanliness part of the specification.

INSPECTION OF WASHING PROCESS - FOR ALL SIZES OF STONE

Ulster County reserves the right to inspect the washing process of stone material at any time. The County has the right, at any time, to obtain random samples for testing to determine sizing and surface cleanliness. ***The County also reserves the right to disqualify a bid award based on an unacceptable washing facility.***

43.4 STONE ITEMS- PRE-COATED - #1 PC #1A PC, #1ST PC,

These aggregates shall be blended and pre-coated with PGB grade 64-22 through a NYS DOT approved hot mix asphalt plant. These aggregates shall be heated and mixed in the hot mix plant at temperatures sufficiently hot to completely dry the aggregates and allow the PGB to coat a minimum of 90% of the aggregate surface. Recommended asphalt content for pre-coating will range from .3% to .6% PGB by weight of aggregate.

The use of aggregates pre-coated with asphalt emulsion through a pugmill shall not be allowed under this specification. These aggregates must be washed in accordance with Section 41.3 and conform to the material requirements of NYS DOT Standard Specification 703-02 dated January 2, 1990. Aggregates meeting this spec will be used for bituminous surface treatments and cold-mix pavements.

43.5 #2 STONE, #3 STONE, LIGHT, MEDIUM AND HEAVY STONE, SHOT ROCK, SURGE STONE, BANK RUN SHALE, CRUSHER RUN SHALE, BANK RUN GRAVEL AND ITEM No. 4 - WILL BE UNWASHED

Unwashed stone shall conform to Section 703-02 as per NYS DOT Standard Specs dated January 2, 1990.

Surge Stone shall be a processed quarry product, crushed with angular ends, 1" to 10" in size. Bid prices shall be by the ton.

Item No. 4 shall conform to Item No. 304.05 as per NYS DOT Standard Specs dated January 2, 1990.

Bank Run Shale and Bank Run Gravel should be of a quality to be used for a sub-base material for new construction and/or shoulder materials.

43.6 STONE ITEMS- DRY RIP-RAP

Dry Rip-Rap shall be as defined in *Section 620 – Bank and Channel Protection* of the NYS DOT Standard Specifications of May 1, 2008. Dry rip-rap shall consist of stone suitable to be fitted and placed on streambanks or in channels in order to provide protection against erosion. Dry rip-rap shall consist of stones shaped as nearly as practicable in the form of right rectangular prisms. The gradation of materials furnished for use as dry rip-rap will be accepted or rejected based on a visual examination of the material by the County. Bid prices shall be by the ton.

Dry Rip-Rap 100#-500# shall consist of at least 50 percent, by weight, of stones that weigh in excess of 300 pounds each, and the remainder of the stones shall weigh from 100 to 500 pounds each.

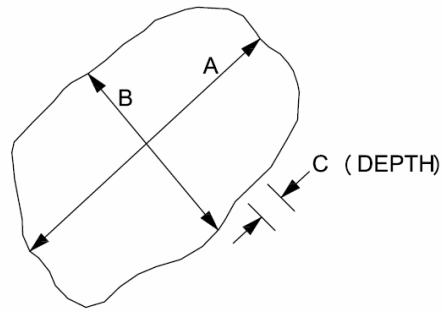
Dry Rip-Rap 2,000#-6,000# shall consist of at least 50 percent, by weight, of stones that weigh in excess of 3,000 pounds each, and the remainder of the stones shall weigh from 2,000 to 6,000 pounds each.

43.7 RECTANGULAR QUARRIED STACKABLE BOULDERS

Rectangular quarried boulders shall be generally rectangular and flat in shape, suitable for stacking and placement such that they form a strong, stable, interlocking and generally flat surface when completed.

Boulders shall have a minimum weight of 4,000 lbs, maximum weight of 10,000 lbs, intermediate axis of 36 inches to 48 inches, and short axis of 12 inches to 24 inches, to within 25% of the desired dimensions. Measurements of the intermediate and short axes are illustrated below as the "B" and "C" axes respectively.

MEASUREMENT OF BOULDER AXES



NOTES:

- A. LONGEST AXIS (LENGTH)
- B. INTERMEDIATE AXIS (WIDTH)
- C. SHORTEST AXIS (DEPTH)

Boulders shall be of sufficient hardness to resist weathering, dense, sound and free from cracks, seams, and other defects which contribute to accelerated weathering. Limestone, sandstone, shales, and other porous or soft rocks will not be permitted for use.

43.8 ABRASIVE SAND, WASHED
ABRASIVE SAND, SCREENED
ABRASIVE SCREENINGS, WASHED
ABRASIVE SCREENINGS, SCREENED

Sand and screenings for abrasives shall consist of clean, hard, durable, uncoated particles, free from lumps of clay and all deleterious substances. The sand and screenings may be determined to be unacceptable for abrasives if it contains more than 10 percent by volume of loam or silt. Sand and screenings for abrasives shall have 100% passing 3/8" screen, not more than 25% passing #50 mesh and not more than 4% passing #200 mesh and must be readily usable in spreading equipment.

Bid prices shall be price per ton only. Any variation will not be accepted. The bidder's attention is called to the fact that if scales are not available at plant site, the bidder must state conversion factor-weight per cubic yard on bid conversion sheets provided.

Sand is to be made available for pickup by trucks designated by authorized entities and operated by authorized personnel.

**44.0 ABRASIVE SAND, WASHED AND MIXED WITH COUNTY SUPPLIED SALT
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ABRASIVE SCREENINGS, SCREENED AND MIXED WITH COUNTY SUPPLIED SALT**

NOTE! - VENDORS THAT BID THESE PRODUCTS MUST HAVE THE ABILITY TO MIX ABRASIVES WITH SALT.

The Vendor must provide various abrasive materials and have the ABILITY TO MIX SAME with rock salt at a ratio of four parts sand to one part salt. Rock salt will be provided and delivered by the County to the vendor's stockyard. Price offered will be per ton of abrasive material provided by the vendor and include proper mixing with the County provided salt.

Sand and screenings for abrasives shall consist of clean, hard, durable, uncoated particles, free from lumps of clay and all deleterious substances. The sand and screenings may be determined to be unacceptable for abrasives if it contains more than 10 percent by volume of loam or silt. Sand and screenings for abrasives shall have 100% passing 3/8" screen, not more than 25% passing #50 mesh and not more than 4% passing #200 mesh and must be readily usable in spreading equipment.

Bid prices shall be price per ton only. Any variation will not be accepted. The bidder's attention is called to the fact that if scales are not available at plant site, bidder must state conversion factor-weight per cubic yard on bid conversion sheets provided.

Sand and salt mix is to be made available for pickup by Ulster County trucks operated by authorized County personnel only. These products are not available to other towns or municipalities.

44.1 FLOOR GRADE MATERIAL

Floor Grade material shall consist of a blend of round stone and crushed stone that shall conform to the following sample test results.

<u>SCREEN SIZE</u>	<u>% PASSING THRU</u>
2"	90-100%
1"	70-90%
1/2"	40-70%
1/4"	10-30%
#40	2-10%
#200	0-5%

44.2 HOT MIX ASPHALT

All Hot Mix Asphalt shall meet most current NYS DOT Standard.