

**TOWN OF LEWISBORO**  
**Highway Department**

**P.O. Box 500 – 11 Main Street**  
**South Salem, NY 10590**  
**Tel: (914) 763-3166**  
**Fax: (914) 763-8134**

March 6, 2018

Dear Ladies and Gentlemen,

The enclosed specifications are for Highway Materials to be purchased by the Town of Lewisboro through **March 31, 2019**. The bids will be advertised in the, The Record Review. **The opening of bids will be at 10:00 a.m., March 28, 2018** at the Town of Lewisboro Highway Department. Please submit **SEALED BIDS** to the Highway Department at the above address, and **shall bear on the face the name and address of the bidder, bid material, as well as the words SEALED BID.** Keep in mind that all submitted bids **MUST include your corporate seal, notary signature, and non-collusion bid certificate.** Last year's bid results can be found on our web site: [www.lewisborogov.com](http://www.lewisborogov.com) For additional information please call 914-763-3166.

Thank you,

*Peter C. Ripperger*

Peter C. Ripperger  
Superintendent of Highways

**TOWN OF LEWISBORO**  
**NOTICE TO BIDDERS**

PLEASE TAKE NOTICE that sealed bids for the purchase of the following materials will be received at the Town of Lewisboro Highway Department, P.O. Box 500, South Salem NY 10590, until **10:00 a.m.** on the **28<sup>th</sup> day of March 2018**, at which time they will be opened and publicly read aloud.

The Town of Lewisboro reserves the right to allow all municipal and not for profit organizations authorized under the General Municipal Laws of the State of New York, to purchase any goods and/or services awarded as a result of this bid request in accordance with the latest amendments to NYS GML 100 through 104. However, it is understood that the extension of such contracts are at the discretion of the vendor, and the vendor is only bound to any contract between the Town of Lewisboro and the vendor. Additionally, the Town reserves the right to purchase any goods or services included as part of this bid request from any means legally available to it at any time.”

Bituminous Concrete  
Bituminous Concrete Laid-in-Place  
Liquid Bituminous Materials/Crushed Stone Laid-in-Place  
Gravel & Stone  
Sand  
Catch Basins, Catch Basin Tops, & Grate Risers  
Guide Rail & Post Installation  
Yellow & White Pavement Marking

**Bids MUST be submitted in sealed envelopes** to the above address, and **shall bear on the face the name and address of the bidder, bid material, as well as the words SEALED BID.** Keep in mind that all submitted bids **MUST include your corporate seal, notary signature, and non-collusion bid certificate.** Specifications, proposal, and bid forms are available at the Highway Department or on our web site: [www.lewisborogov.com](http://www.lewisborogov.com)

The right is reserved to reject any or all bids or to re-advertise for new bids or to accept any bid which is in the best interest of the Town of Lewisboro.

TOWN OF LEWISBORO

PETER RIPPERGER  
SUPERINTENDENT OF HIGHWAYS

Dated at South Salem, New York  
this 6<sup>th</sup> day of March 2018

# **NON-COLLUSION BID CERTIFICATE**

Made pursuant to Section 103-d of the General Municipal law of the  
State of New York as amended by the Laws of 1966.

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid, each party thereto certifies as to his own organization, under penalty of perjury, that to the best of his knowledge and belief:

1. The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor. The prices will remain in effect until **March 31, 2019**.
2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to the opening, directly, or indirectly to any other bidder or to any competitor; and
3. No attempt has been made or will be made by the bidder to induce any other person, partnership, or corporation to submit or not to submit a bid for the purpose of restricting competition.
  - a. A bid shall not be considered for award nor shall any award be made where (a) 1, 2, and 3, above, have not been complied with; provided, however, that is in any case the bidder cannot make the foregoing certification, the bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons therefore. Where (a) 1, 2, and 3, above, have not been complied with, the bid shall not be considered for award nor shall any award be made unless the head of the purchasing unit of the political subdivision, public department, agency or official thereof to which the bid is made, or his designee, determines that such disclosure was not made for the purpose of restricting competition.
4. The Town of Lewisboro reserves the right to waive minor informalities, reject any and all Bids, and/or accept the Bid that in its judgment is in the best interest of the Town of Lewisboro.

I hereby affirm under the penalties of perjury that the foregoing statement is true.

State of New York)  
County of Westchester) ss.:

\_\_\_\_\_  
Vendor

\_\_\_\_\_  
Title

On the \_\_\_\_\_ day of \_\_\_\_\_, two thousand and eighteen, before me personally came the individual described in and who executed the foregoing instrument, and acknowledged that and executed the same.

\_\_\_\_\_  
Notary Public

## TOWN OF LEWISBORO

### BID SPECIFICATIONS FOR LAID-IN-PLACE BITUMINOUS CONCRETE (BLACKTOP)

Price to be on a per ton basis, trucking, paving, and compaction to be included. Pavement preparation, including cleaning and shimming, will be the responsibility of the Town of Lewisboro. **The keying of the pavement will be done by the bidder.**

Pavement will be laid in accordance with the instructions of the Superintendent of Highways (regarding thickness, width, etc.). Each load will have an individual weigh-master's ticket indicating total tons per load. Tickets will be turned in to the Highway Superintendent's office at the end of each working day.

**Labor for raking, flagging, and all tasks associated with paving will be supplied by the vendor.** This will include feathering and adjustments necessary at both public and private intersections. All surfaces to be tack coated prior to paving.

All bituminous concrete mixes shall be of a uniform nature and in accordance with New York State Department of Transportation Specification, 401-303, dated January 2, 1973, including approved automation and recording of batching all bituminous materials. All aggregates shall be approved as detailed in 401-302 of the fore mentioned State Specifications. Copies of this approval shall be furnished upon request.

Scheduling -- If schedules conflict with the bidder and the Town, the Town reserves the right to use the next lowest bidder in the event the winning bidder cannot in a reasonable period of time fulfill the responsibilities of this bid.

Town of Lewisboro's Superintendent of Highways, or in his absence, the Deputy Superintendent of Highways, shall upon determination that conditions do not exist for good application of material, stop application of materials until conditions improve to his, or her, satisfaction.

Bid must be accompanied by a Non-Collusion Certificate and submitted in a sealed envelope marked: "Bid: Laid-in-Place Blacktop"

Bidder must comply with all New York State labor laws including, but not exclusive of all others, specifically Article 8 (220-223) and Article 9 (230-239) New York State Labor Law. Must comply with New York State Prevailing Wage Law.

The bid must be submitted on the form supplied for this purpose and enclosed with these specifications.

The Town's Superintendent of Highways reserves the right to reject any or all bids and to accept any bid which he deems to be in the best interest of the Town of Lewisboro.

Hauling distance to and from bidder's plant shall be a consideration so as to serve the best interests of the Town of Lewisboro.

The Town of Lewisboro reserves the right to utilize Town forces, equipment rental with operators for paving bituminous concrete, or a combination of same if it is deemed to be in the best interest of the Town of Lewisboro.

CONTINUED

## BID SPECIFICATIONS FOR LAID-IN-PLACE BITUMINOUS CONCRETE (BLACKTOP)

Mechanical paver to be used by vendor shall have a maximum spread width of twenty (20) feet and no less than ten (10) feet spread width. Compaction shall be provided by a vibratory roller of no less than ten tons compaction ability.

ITEM #	DESCRIPTION	PER NET TON PRICE L-I-P
403.118902 M	Hot Mix Asphalt, Type 1 Base Course	\$_____
403.138902 M	Hot Mix Asphalt, Type 3 Binder course	\$_____
403.159802 M	Hot Mix Asphalt, Type 5 Shim Course	\$_____
403.178902 M	Hot Mix Asphalt, Type 6 Top Course	\$_____
403.178302 M	Hot Mix Asphalt, Type 6F3 Top Course	\$_____
403.198302 M	Hot Mix Asphalt, Type 7F3 Top Course	\$_____
403.218902 M	Hot Mix Asphalt, True and Level Course	\$_____
404.178902	Warm Mix Asphalt, Type 6F3- Top	\$_____
404.118902	Warm Mix Asphalt, Type 1 Base Course	\$_____
404.138902	Warm Mix Asphalt, Type 3 Binder	\$_____
402.098101	9.5mm Super Pave Top	\$_____
402.128102	12.5mm Super Pave Top	\$_____
402.198901	19.0mm Super Pave Top	\$_____
402.258901	25.0mm Super Pave Top Binder	\$_____
402.378901	37.5mm Super Pave Top Base	\$_____
402.068101	6.3 Polymer Modified Top	\$_____

### PRICE ADJUSTMENT CLAUSE:

In view of the uncertainty and fluctuation of Asphalt Cement prices, bidder shall use **\$461.00** effective **March 5, 2018**, per ton base average AC-20 material for the purpose of this bid. Price adjustments during the life of this bid shall be made in accordance with that formula and procedure set forth by the New York State Office of General Services.

CONTINUED

**LAID-IN-PLACE BITUMINOUS CONCRETE (BLACKTOP)**

Price adjustment = % of AC - 20  
New posted terminal prices – **\$461.00** base average  
Documentation of the price of AC-20 must be submitted with invoice.

**Seal of Corporation**

Legal name of Firm, Person, or Corporation:

\_\_\_\_\_

Business Address:

\_\_\_\_\_

\_\_\_\_\_

By:\_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

**TOWN OF LEWISBORO**

**BID SPECIFICATIONS FOR BITUMINOUS CONCRETE (BLACKTOP)  
FOB**

**HOT MIX AND COLD MIX: MIXING METHOD OPTIONAL ALL ITEMS**

Price to be on a per ton basis, F.O.B. bidder's plant, loaded into Town vehicles.

All bituminous concrete mixes shall be of uniform nature and in accordance of New York State Department of Transportation Specifications section 401-302, dated January 2, 1973, including approved automation and recording of batching all bituminous materials. All aggregates shall be approved as detailed in Section 401-302 of aforementioned State Specifications. Copies of this approval shall be furnished upon request.

Hauling distance to bidder's plant shall be a consideration so as to serve the best interests of the Town of Lewisboro.

***Bid must be accompanied by a non-collusion certificate and submitted in a sealed envelope marked "BID-Blacktop-SEALED BID."***

The bid must be submitted on the form supplied for this purpose and attached to these specifications.

The Town Highway Superintendent reserves the right to reject any or all bids and to accept any bid which he deems favorable to the best interests of the Town of Lewisboro.

CONTINUED

**TOWN OF LEWISBORO**

**BID FOR BITUMINOUS CONCRETE (BLACKTOP)  
FOB**

<u>ITEM #</u>	<u>MATERIAL DESCRIPTION</u>	<u>PER NET TON PRICE F.O.B.</u>
403.118902 M	Hot Mix Asphalt, Type 1 Base Course	\$_____
403.138902 M	Hot Mix Asphalt, Type 3 Binder course	\$_____
403.159802 M	Hot Mix Asphalt, Type 5 Shim Course	\$_____
403.178902 M	Hot Mix Asphalt, Type 6 Top Course	\$_____
403.178302 M	Hot Mix Asphalt, Type 6F3 Top Course	\$_____
403.218902 M	Hot Mix Asphalt, True and Level Course	\$_____
714-06	Asphaltic Concrete Curb Mix	\$_____
403-2001	Winter Mix	\$_____
Optional	Plant Fine Top Mix	\$_____

**PRICE ADJUSTMENT CLAUSE:**

In view of the uncertainty and fluctuation of Asphalt cement prices, bidder shall use **\$461.00** effective **March 5, 2018** per ton average AC-20 material for purpose of this bid. Price adjustment during the life of this bid shall be made in accordance with that formula and procedure set forth by New York State Office of General Services.

CONTINUED



**TOWN OF LEWISBORO**

**BITUMINOUS CONCRETE (BLACKTOP)**

Price adjustment = % of AC = 20

(New Posted Terminal Price - **\$461.00** Base Average Documentation of the price of AC-20 must be submitted with invoice.

Bidder's plant is located at \_\_\_\_\_ and is within \_\_\_\_\_ miles of the Town of Lewisboro Highway Garage at South Salem, New York and bidder certifies that all items meet New York State Department of Transportation Specifications. Distance shall be a consideration.

**Seal of Corporation**

Legal name of Firm, Person, or Corporation:

\_\_\_\_\_

Business Address:

\_\_\_\_\_

\_\_\_\_\_

By:\_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

## LIQUID BITUMINOUS MATERIALS

### ALL BIDDERS TO QUALIFY MUST CERTIFY THAT:

1. Each distributing tank truck doing work in the Town will be manned by two (2) men and the following equipment: Hand-hose, pouring pot, spray bars adjustable over eight (8) feet in one (1) foot increments and two (2) squeegees.
2. They have plant for the storage and distribution of bituminous materials with heated storage and have maintained such a plant for a period of at least one year. A Plant is defined, as a site where at least 20,000 gallons storage for each grade of materials required is available with pumping and heating facilities. Trailer trucks and tank cars shall not be considered a plant.
3. All materials shall meet the New York State DOT specifications, section 702.

Quantities ordered may be in less than 500-gallon truck amounts and on twelve (12) hours notice. All application of material is to be made under the direction of the Superintendent of Highways or his authorized representative.

Deliveries are to be made where and when as requested by the Superintendent of Highways.

Payment shall be based on the actual number of gallons of materials delivered to the state as certified by receipt.

***Bids must be accompanied by a Non-Collusion form and submitted in a sealed envelope marked "BID-Liquid Bituminous Materials-SEALED BID."***

TABLE 702-4

#### ITEM 1

Medium Curing Cutback, \_\_\_\_\_ Per Gal Applied

TABLE 702-3

#### ITEM 2

Rapid Curing Cutback \_\_\_\_\_ Per Gal Applied

Table 702-1

#### ITEM 3

Penetration Asphalt Binder \_\_\_\_\_ Per Gal Applied

TABLE 702-5 & 702-6

#### ITEM 4

CRS-2 Cationic Emulsion \_\_\_\_\_ Per Gal Applied

#### ITEM 5

6.3mm Polymer modified \_\_\_\_\_ Per Gal Applied

CONTINUED

**BITUMENS & CRUSHED STONE (Complete in Place)**  
**(NYS DOT 410-3.01)**

The following items shall include the cost of all labor, materials, and equipment necessary to properly apply, distribute and roll the specified Bituminous Materials and 3/8" crushed stone in accordance with Department of Transportation specifications.

The Town highway personnel shall machine sweep the roads prior to the start of work. ***All Flagman & Traffic Control shall be supplied by the Bidder.*** No materials shall be stockpiled on Town property and the Town will not load any trucks. The Town will sweep the roads 7 to 10 days after placement of Oil & Stone. The contractor must have a self propelled computerized stone spreader of variable width from 8' minimum to 16' maximum.

Payment shall be on the basis of each gallon of liquid bituminous material applied.

**ITEM 6**, Rapid Curing Cutback, including 3/8" stone applied & rolled \_\_\_\_\_ Per Gal

**ITEM 7**, Penetration Asphalt Binder including 3/8" stone applied & rolled \_\_\_\_\_ Per Gal

**ITEM 8**, CRS-2, Emulsified asphalt including 3/8: stone applied & rolled \_\_\_\_\_ Per Gal

Bids must be accompanied by a Non-Collusion form and submitted in a sealed envelope marked "BID-Bitumens & Crushed Stone."

**ESCALATION CLAUSE**

It shall be agreed by the Town and the bidder that the Bid Unit Price is subject to escalation/de-escalation per the formula set forth by the NYS OGS contract in effect at the time of the bid opening. In other words, based on **March 5, 2018**, posting of **\$461.00** per ton of liquid asphalt.

**Seal of Corporation**

Legal name of Firm, Person, or Corporation:

\_\_\_\_\_

Business Address:

\_\_\_\_\_

\_\_\_\_\_

By:\_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

## TOWN OF LEWISBORO

### BID SPECIFICATIONS FOR GRAVEL & STONE

All materials must conform to N.Y.S. Dept. of Transportation specifications.

Material samples must be submitted to the Highway Superintendent upon request prior to bid award.

***Bids must be accompanied by a Non-Collusion form and submitted in a sealed envelope marked “BID-Gravel & Stone- SEALED BID.”***

The successful bidder will be required to enter into a contract with the Town of Lewisboro and agree that the unit price bid is the price at which material will be furnished for the life of the contract and that the materials ordered will be furnished when and as directed.

The Town Superintendent of Highways reserves the right to reject any or all bids and to accept any bids which he deems favorable to the Town of Lewisboro.

Bidder must show mileage from the plant to the Town of Lewisboro Highway Dept. Garage at South Salem New York.

Bidder should specify the bid by the ton.

CONTINUED

**TOWN OF LEWISBORO  
BID SPECIFICATIONS FOR GRAVEL & STONE**

<b>Crushed Stone</b>		<b>Delivered Dark Gray</b>	<b>Delivered Limestone</b>
703-0201A	Size 1A – 1/4"	_____ per ton	_____ per ton
703-0201B	Size 1 <sup>ST</sup> – 3/8"	_____ per ton	_____ per ton
703-0201C	Size 1 – 1/2"	_____ per ton	_____ per ton
703-0201D	Size 2 – 3/4"	_____ per ton	_____ per ton
703-0201E	Size 3A – 1 1/2"	_____ per ton	_____ per ton
703-0201F	Size 3 – 2"	_____ per ton	_____ per ton

---

<b>Stone Fill</b>		<b>Delivered Dark Gray</b>	<b>Delivered Limestone</b>
620.02	Fine Stone Fill	_____ per ton	_____ per ton
620.03	Light Stone Fill	_____ per ton	_____ per ton
620.04	Medium Stone Fill	_____ per ton	_____ per ton
620.05	Heavy Stone Fill	_____ per ton	_____ per ton

---

<b>Item 4</b>	<b>Delivered</b>
304.02	Type 1 Sub base Course – Earth tone _____ per ton
	Recycled Item 4 _____ per ton

CONTINUED

Name and location of quarry: \_\_\_\_\_

NYSDOT# for Product Source \_\_\_\_\_

Bidder's plant is located at \_\_\_\_\_ and is approximately \_\_\_\_\_ miles from the Town of Lewisboro Highway Department Garage at South Salem, New York. Distance shall be a consideration.

**Seal of Corporation**

Legal name of Firm, Person, or Corporation:

\_\_\_\_\_

Business Address:

\_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

## TOWN OF LEWISBORO

### SPECIFICATIONS FOR SAND

Separate bids to be submitted on bid form for price per ton F.O.B. Bidder's plant should be within a radius of 15 miles of the Town of Lewisboro Highway Department sand and salt dome. Mileage is a factor in determining bid award for both F.O.B. and delivered.

A sample of material will be supplied to the Superintendent of highways upon request.

The successful bidder agrees through his bid to supply the same material at the same unit price through that period of time.

The Superintendent reserves the right to reject any and or all bids and to accept those bids he considers to be the most favorable to the best interests of the Town of Lewisboro.

***Bids must be accompanied by a Non-Collusion form in a sealed envelope and marked "BID-Sand- SEALED BID." Bids must be submitted on the form supplied and attached to these specifications.***

CONTINUED

**TOWN OF LEWISBORO**

**BID FOR SAND**

**FOB Per Ton**

ICE CONTROL SAND \_\_\_\_\_ per ton

DRY SCREENED \_\_\_\_\_ per ton

**Delivered Per Ton**

ICE CONTROL SAND \_\_\_\_\_ per ton

DRY SCREENED \_\_\_\_\_ per ton

Bidder's plant is located at \_\_\_\_\_ and is within \_\_\_\_\_ miles of the Town of Lewisboro Highway Garage at South Salem, New York. Distance shall be a consideration.

**Seal of Corporation**

Legal name of Firm, Person, or Corporation:

\_\_\_\_\_

Business Address:

\_\_\_\_\_

\_\_\_\_\_

By:\_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_



## **TOWN OF LEWISBORO**

### **BID SPECIFICATIONS CATCH BASINS AND CATCH BASIN TOPS**

#### **1. FORM OF BID**

***Bid must be submitted in a sealed envelope and marked “BID-Catch Basins- SEALED BID.” Each bid must include a signed certificate of Non-Collusion and waiver of immunity as required by law.***

Bid is not to include taxes from which the Town of Lewisboro is exempt by law. Tax exemption certificate #146002276 covers Highway purchases by the Town of Lewisboro.

Price of bid shall be for equipment delivered to the Town of Lewisboro Highway Garage, South Salem, New York, 10590.

#### **2. EXCEPTIONS TO SPECIFICATIONS**

If the equipment offered differs from the specifications such difference must be explained in detail on sheets attached to the proposal and if such deviations do not depart from the intent of this notice and are in the best interest of the Town of Lewisboro the proposal will receive careful consideration.

#### **3. ACCEPTANCE OR REJECTION**

The Superintendent of Highways reserves the right to reject any or all bids, to accept any bid or waive any informality in the proposal as deemed advisable in the best interest of the Town of Lewisboro.

CONTINUED

## TOWN OF LEWISBORO

### SPECIFICATIONS FOR CATCH BASINS, CATCH BASIN TOPS, & GRATE RISERS

#### **Reinforced Precast 3 Foot Catch Basin**

\$ \_\_\_\_\_

Length	56"
Width	45"
Height	36" (outside)
Height	30" (inside)
Knockouts	24" (Min. on four sides) height of knockout above floor sump 9"
Walls	6" Thick (minimum)
Floor	6" Thick (minimum)

#### **Reinforced Precast 4 Foot Catch Basin**

\$ \_\_\_\_\_

Length	56"
Width	45"
Height	48" (outside)
Height	42" (inside)
Knockouts	31" (Min. on four sides) height of knockout above floor of sump 9"

#### **Reinforced Precast Catch Baby Basin**

\$ \_\_\_\_\_

Length	32"
Width	32"
Height	24"

#### **Precast Reinforced Concrete Tops**

Flat Top 45" x 56" x 8" with Grate and Frame 19-1/2" x 36"	\$ _____
Curb Top 45" x 56"	
11" thick at front	\$ _____
8" thick at lowest point	
16" thick at curb back with grate and frame	
19-1/2" x 36"	

#### **Steel Grate Risers**

36" x 19.375 x 1.5" rise -- 3" thick	\$ _____
20 1/8 x 19 5/8 x 2 5/8 inside frame	
19 3/4 x 19 1/2 x 2 5/8 thick outside grate	
1.5" rise	\$ _____

Small variations from above dimensions will be considered if accompanied by complete specifications and detailed drawing and, if in the opinion of the Superintendent of Highways, the variations will not affect the structure stability or normal use of the item.

Prices quoted to be with delivery to the Lewisboro Highway Department Garage.

CONTINUED

**TOWN OF LEWISBORO**

**SPECIFICATIONS FOR CATCH BASINS, CATCH BASIN TOPS, & GRATE RISERS**

Bidder's plant is located at \_\_\_\_\_ and is within \_\_\_\_\_ miles of the Town of Lewisboro Highway Garage at South Salem, New York. Bidder certifies that plant and materials meet requirements and specifications set forth by the Town of Lewisboro.

**Seal of Corporation**

Legal name of Firm, Person, or Corporation:

\_\_\_\_\_

Business Address:

\_\_\_\_\_

\_\_\_\_\_

By:\_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

## TOWN OF LEWISBORO

### GUIDE RAIL AND POST INSTALLATIONS

#### Guide Rail and Post Installation Meeting Galvanized Specifications

- |   |                      |
|---|----------------------|
| 1. Complete layout and installation of guide rail and posts per New York state specifications                       | PER LINEAL FT. _____ |
| 2. Corrugated beam type guide rail--punched 6'3"  | PER LINEAL FT. _____ |
| 3. Corrugated beam type guide rail--punched 6'3" curved to 50" radius and up  | EACH _____           |
| curved 40 to 50' radius   | EACH _____           |
| curved 30 to 39' radius   | EACH _____           |
| curved 20 to 29' radius   | EACH _____           |
| 4. Corrugated beam type guide rail---length 13'6.5" (shop curved rail)(approach and terminal) (rotation 90 degrees) | EACH _____           |
| 5. 3" x 2 3/8" I-intermediate guide rail posts--length 5'3"   | EACH _____           |
| 6. Flared type terminal sections, 12 gauge  | EACH _____           |
| 7. Wrap around type terminal sections, 12 gauge   | EACH _____           |
| 8. Concrete anchor unit with all necessary hardware   | EACH _____           |
| 9. Galvanized splice bolts 1 1/4" x 5/8"  | EACH _____           |
| 10. Galvanized post bolts 5/16" x 1 3/4" with washer and nuts   | EACH _____           |
| 11. Galvanized post bolts 2' x 5/8"   | EACH _____           |
| 12. Galvanized support bolts 1/2" x 1 1/2", 2 nuts, no washers  | EACH _____           |

CONTINUED

**TOWN OF LEWISBORO**  
**GUIDE RAIL AND POST INSTALLATION**

- |   |                      |
|---|----------------------|
| 13. 6" x 6" x 24' box beam type guide rail, including shelf angle, splice plates, nuts, and bolts | PER LINEAL FOOT_____ |
| 14. 6" X 6" box beam type guide rail curved to special radius                                     | PER LINEAL FOOT_____ |
| 15. 6" X 6" box beam type guide rail, shop cuts, and mitered curved rail                          | PER LINEAL FOOT_____ |
| 16. 6" x 6" box beam guide rail end sections  | EACH_____            |
| 17. 3" I-beam guide rail posts 5' 3" long, intermediate type post for box beam rail               | EACH_____            |
| 18. 3" I-beam guide rail posts 3' 8" long end type post for box beam rail                         | EACH_____            |

**TOWN OF LEWISBORO**  
**Detailed Specifications Timber Guide Rail For Roadside Projects and Maintenance**

The Town of Lewisboro solicits bids for vendors to furnish and install at specified sites, Timber or Timberclad quiderail systems, for public roadsides and bridges, meeting applicable State and Federal Standards.

**GENERAL NOTES**

The Department seeks a unit per foot to supply all labor, materials, and equipment necessary to complete the work in compliance with Section 597 M of the *Standard Specifications for Construction and Materials* of the New York State Department of Transportation dated January 2, 1995 and addenda, or as detailed by these specifications.

**DESCRIPTION OF ITEM**

Roadside Timber Guide rail is to be installed to the lines and grades given in the project drawings and shall comply with the general requirements of Box Beam Type railing, as depicted in Standard Structure Sheets 606-3R4 and as modified herein.

The rail system shall consist of a 203 mm diameter round timber rail with a 6 mm thick steal C channel (60 mm by 121 mm) embedded into and bolted to the timber rail. The composite rail shall be attached to 1600 mm long S3 x 5.7 steel posts set 965 mm into the soil and spaced 3000 mm on centers. Each post shall include a 203 mm by 610 mm soil plate. The above-ground section of each post shall be covered by a routed, 171 mm diameter timber post which functions like a standard guide rail block while providing an all-wood appearance to the barrier from the roadside of the installation. Nominal rail height must be 660 mm, with a maximum of 685 mm above mean ground surface. Rail sections shall be joined using an S bolt, 12 mm (114 mm by 585 mm) splice bar.

Rail elements shall be fabricated from pressure treated Douglas Fir with an Equal to 1,000 Ksi and a Modulus of Rupture of 7,100 Psi or greater. Wood posts shall be pressure treated Red Pine No. 2, with a Equal to 1,100 Psi and Fb equal to 675 Psi or greater. All steel shall conform to ASTM A36 and be Hot Dipped Galvanized per ASTM A123. All steel hardware shall conform to ASTM A307 and be galvanized per ASTM A153. All wood products shall be pressure treated in conformance with Section 708-31 or Section 708-31 of the *NYSDOT Standard Specifications*.

1) Ironwood guide rail, price per L.F. complete

A) 1' – 100 L.F. \$\_\_\_\_\_

B) 100' and over \$\_\_\_\_\_

2) End terminal, type 1 timber rail complete \$\_\_\_\_\_each

3) End terminal, type 11' timber rail complete \$\_\_\_\_\_each

4) Anchorage unit for ironwood guide rail, back slope \$\_\_\_\_\_each

CONTINUED

**TOWN OF LEWISBORO  
GUIDE RAIL AND POST INSTALLATION**

Bidder's plant is located at \_\_\_\_\_ and is within \_\_\_\_\_ miles of the Town of Lewisboro Highway Garage at South Salem, New York. Bidder certifies that plant and materials meet requirements and specifications set forth by the Town of Lewisboro.

**Seal of Corporation**

Legal name of Firm, Person, or Corporation:

\_\_\_\_\_

Business Address:

\_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

## **TOWN OF LEWISBORO**

### **SPECIFICATIONS FOR YELLOW & WHITE PAVEMENT MARKING**

#### **Reflectorized Yellow & White Pavement Marking Paint**

Paint shall meet all NYSDOT specifications as set forth in Specification Reference: SPEC-359, dated December 4, 1989.

Paint shall be specifically designed for use as a traffic marking paint, latex solvent base, quick drying, or VOC for Westchester County, NY. Applied at 15 mils, 300, if per gallons, per 4-inch strip, drying time ten minutes or less. Glass spheres should be applied at a rate of eight pounds per gallon. All paint materials shall meet VOC requirements for New York State Application. Air temperature shall be 50 degrees, and rising.

#### **GENERAL**

Paint shall be applied with atomizing spray-type machine. Applied marking shall have a clean-cut edge, true and smooth alignment and a uniform thickness of 15 mils, plus or minus, 1 mil. Any obvious detours from a smooth flow of the lines during application as determined by the Town of Lewisboro, or its representative, shall be removed and repainted by the contractor at his own expense. Glass spheres shall be applied uniformly over and into the wet paint film at a rate of six pounds per gallon of paint. Bid price shall include the cost of all labor, materials, and equipment required to PERFORM the work to the approval of the Town of Lewisboro. Paint shall be applied by a truck-mounted spray machine, no walk-type machine shall be acceptable for long line work. Paint shall be applied at the specified rate of application. Truck cab must accommodate two persons, so as to allow driver of mobile paint truck, plus Town of Lewisboro employee to sit in cab of truck to direct driver as to the application of paint onto Town of Lewisboro roads.

#### **EQUIPMENT**

Shall paint a straight and true line. Shall be able to paint a minimum of 20 miles per day of double center lane line. Shall be able to apply all road patterns. Driver of mobile paint truck shall have a minimum of three years experience. The operator shall have a minimum of two years experience.

#### **INSURANCE**

A copy of the contractor's liability insurance policy is required to be submitted with the bid forms. Minimum amounts and limits as per contractor's liability insurance to be attached to bid proposal.

Unit Price Per Mile, Single Center Line	\$ _____
Unit Price Per Mile Double Center Line	\$ _____
Unit Price Per Mile, Single White Edge Line	\$ _____
4 inch Wide Stop Lines, per stop line	\$ _____
Cross Walks, per cross walk	\$ _____



**TOWN OF LEWISBORO  
YELLOW & WHITE PAVEMENT MARKING**

Bidder's plant is located at \_\_\_\_\_ and is within \_\_\_\_\_ miles of the Town of Lewisboro Highway Garage at South Salem, New York. Bidder certifies that plant and materials meet requirements and specifications set forth by the Town of Lewisboro.

**Seal of Corporation**

Legal name of Firm, Person, or Corporation:

\_\_\_\_\_

Business Address:

\_\_\_\_\_

\_\_\_\_\_

By:\_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_