

LEGAL NOTICE
NOTICE TO CONTRACTORS

Sealed proposals will be received at the Office of the Flatrock Township Trustees, Township Building at the corner of Road 16 and Road J, Henry County, Ohio until Thursday, May 8, 2008 at 7:00 P.M. for the improvement of the following Township roads:

- a) Road J from Road 18 to Road 19 (Slurry Seal)
- b) Road 19 from SR 281 to Road J (Slurry Seal)
- c) Road 16 from Road H to SR 281 (Slurry Seal)
- d) Road 15 from Road H to SR 281 (Slurry Seal)
- e) Road 15 from SR 18 to Road H (Slurry Seal)
- f) Road J from 16 to Road 17 (Slurry Seal)
- g) Road 19 from SR 424 to north 5,770 feet (Crack Seal)
- h) Road 16 from Road K to Road Z (Crack Seal)
- i) Road H from SR 108 to east 2,130 feet (Crack Seal)
- j) Road 15 from Road K to Road Z (Crack Seal)
- k) Road L2 from Road 14 to Road Z (Crack Seal)

Flatrock Township, Henry County, Ohio, in accordance with estimates and specifications on file with the Flatrock Township Fiscal Officer.

Bids are to be submitted on a unit price basis.

The contracts will be awarded to the lowest, competent and responsible bidder.

Each bidder is required to file with his bid a bid guaranty in the form of either:

1. A bond for the full amount of the bid; or
2. A certified check, cashier's check or letter of credit pursuant to Chapter 1305 of the Ohio Revised Code, in the amount of ten (10%) percent of the bid price as guarantee that, if the contract be awarded on such bid, the bidder will enter into a contract and the performance of it will be properly secured.

The successful bidder, if using a (10%) bid guaranty, shall be required to provide a contract performance and payment bond for the full amount of the bid.

Estimated cost of the improvements is \$148,945.00

Prevailing Wage Rates per Section 4115 of the Ohio Revised Code shall prevail on this project.

The Board of Trustees reserves the right to award separate contracts for the above noted improvements. The Board of Trustees reserves the right to reject any or all bids.

BY ORDER OF
THE BOARD OF TRUSTEES
FLATROCK TOWNSHIP
HENRY COUNTY, OHIO

Anne Taylor, Fiscal Officer
J-232 Road 14
Napoleon, OH 43545

Please publish once in April 24, 2008 publication.

ROAD BIDDING BLANK

To: Board of Trustees
Flatrock Township
Henry County, Ohio

Date of Sale: Thursday, May 8, 2008 @ 7:00 PM

Road J from Road 18 to Road 19

Length: 4,680 feet or 0.89 miles
Width: 12 feet (6,320 S.Y. including curve and radii)
Type: Emulsified Seal Coat, Type II

PROPOSAL

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Price</u>
Spec	6,320	S.Y	Emulsified Seal Coat, Type II	\$ _____	\$ _____
614	1	L.S.	Maintaining Traffic	\$ _____	\$ _____
103.05	1	L.S.	Contract Performance & Payment Bond	\$ _____	\$ _____
TOTAL AMOUNT OF BID					\$ _____

ROAD BIDDING BLANK

To: Board of Trustees
Flatrock Township
Henry County, Ohio

Date of Sale: Thursday, May 8, 2008 @ 7:00 PM

Road 19 from SR 281 to Road J

Length: 5,140 feet or 0.97 miles
Width: 17 feet (9,710
S.Y.)
Type: Emulsified Seal Coat, Type II

PROPOSAL

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Price</u>
Spec	9,710	S.Y	Emulsified Seal Coat, Type II	\$ _____	\$ _____
614	1	L.S.	Maintaining Traffic	\$ _____	\$ _____
103.05	1	L.S.	Contract Performance & Payment Bond	\$ _____	\$ _____
				TOTAL AMOUNT OF BID	\$ _____

ROAD BIDDING BLANK

To: Board of Trustees
Flatrock Township
Henry County, Ohio

Date of Sale: Thursday, May 8, 2008 @ 7:00 PM

Road 16 from Road H to SR 281

Length: 5,260 feet or 1.00 miles

Width: 16 feet (9,355

S.Y.)

Type: Emulsified Seal Coat, Type II

PROPOSAL

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Price</u>
Spec	9,355	S.Y	Emulsified Seal Coat, Type II	\$ _____	\$ _____
614	1	L.S.	Maintaining Traffic	\$ _____	\$ _____
103.05	1	L.S.	Contract Performance & Payment Bond	\$ _____	\$ _____
TOTAL AMOUNT OF BID					\$ _____

ROAD BIDDING BLANK

To: Board of Trustees
Flatrock Township
Henry County, Ohio

Date of Sale: Thursday, May 8, 2008 @ 7:00 PM

Road 15 from Road H to SR 281

Length: 5,290 feet or 1.00 miles
Width: 19 feet (11,190 S.Y. including radii)
Type: Emulsified Seal Coat, Type II

PROPOSAL

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Price</u>
Spec	11,190	S.Y.	Emulsified Seal Coat, Type II	\$ _____	\$ _____
614	1	L.S.	Maintaining Traffic	\$ _____	\$ _____
103.05	1	L.S.	Contract Performance & Payment Bond	\$ _____	\$ _____
TOTAL AMOUNT OF BID					\$ _____

ROAD BIDDING BLANK

To: Board of Trustees
Flatrock Township
Henry County, Ohio

Date of Sale: Thursday, May 8, 2008 @ 7:00 PM

Road 15 from SR 18 to Road H

Length: 5,320 feet 1.01 miles
Width: 16 feet (9,500 S.Y. including radii)
Type: Emulsified Seal Coat, Type II

PROPOSAL

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Price</u>
Spec	9,500	S.Y.	Emulsified Seal Coat, Type II	\$ _____	\$ _____
614	1	L.S.	Maintaining Traffic	\$ _____	\$ _____
103.05	1	L.S.	Contract Performance & Payment Bond	\$ _____	\$ _____
TOTAL AMOUNT OF BID					\$ _____

ROAD BIDDING BLANK

To: Board of Trustees
Flatrock Township
Henry County, Ohio

Date of Sale: Thursday, May 8, 2008 @ 7:00 PM

Road J from Road 16 to Road 17

Length: 5,260 feet or 1.00 miles
Width: 14 feet (8,205 S.Y. including radii)
Type: Emulsified Seal Coat, Type II

PROPOSAL

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Price</u>
Spec	8,205	S.Y.	Emulsified Seal Coat, Type II	\$ _____	\$ _____
614	1	L.S.	Maintaining Traffic	\$ _____	\$ _____
103.05	1	L.S.	Contract Performance & Payment Bond	\$ _____	\$ _____
TOTAL AMOUNT OF BID					\$ _____

Road Bid Blank Continued

Date of Sale: Thursday, May 8, 2008 @ 7:00 P.M.

Slurry Seal Various Township Roads

Ohio Department of Transportation Construction and Material Specifications dated January 1, 2005 shall apply.

Emulsified Asphalt Seal Coat shall conform to AASHTO specifications for dense mixing grade SS-1h except that they shall be of QUICK SET EMULSION TYPE, cationic.

The following specifications will apply:

Quick Set Cationic:

Viscosity @ 77° F, SSF, secs.	15-50
Residue from Distillation Weight, %	57% min.
Sieve Test, Retained on 20 mesh, %	0.10%, max.
Particle Charge, Electroplate	Positive

Tests on Residue from Distillation:

Penetration @ 77° F, 100g, 5 sec.	40-90
Solubility in CS ₂ of TCE	No brown stain or displacement
Ductibility @ 77° F, cm.	40 min.

Tests on Job Design Slurry:

Mixing Time Test Secs.	120 min.
Set Time Blotter Test, 30 min.	No brown stain or displacement
Water Resistance Test, 30 mins.	No discoloration
Coating Test (3 min. in boiling water), %	90 min.
Wet Tract Abrasion Test, Loss in gms, per sq ft.	75 max.

Aggregate shall consist of sound, durable, crushed stone or crushed gravel or a blend of the above materials with clean sand. The aggregate shall be clean and free from vegetative matter and other deleterious substances. Mineral filler such as Portland cement or limestone dust shall be considered as part of the blend aggregate and shall be used in minimum required amounts. They shall meet the gradation requirements of ASTM D242. Mineral fillers shall only be used if needed to improve the workability or gradation of the aggregate.

The combined material aggregate shall conform to the following gradation:

<u>Sieve Size</u>	<u>Type II Percent Passing</u>
3/8	100
No. 4	90-100
No.8	65-90
No. 16	45-70
No. 30	30-50
No. 50	18-30
No. 100	10-21
No. 200	5-15

Theoretical Asphalt Content, % Dry Aggregate	7.5-13.5
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All water used with the mixture shall be potable and free from harmful soluble salts.

The Slurry Seal shall be mixed in a self-propelled mixing machine equipped with a continuous flow mixing unit capable of accurately delivering and automatically proportioning the aggregate, emulsified asphalt, water and admixtures to the mixing chamber.

The mixing machine shall have sufficient storage capacity of aggregate, emulsified asphalt, and water to maintain an adequate supply to the proportioning controls.

The mixing machine shall be equipped with hydraulic controls for proportioning the material by volume to the mix. Each material control device shall be calibrated, properly marked, preset and lockable at the direction of the Engineer. The mixing machine shall be equipped with a water pressure system and nozzle type spray bars to provide a water spray immediately ahead of the spreader box.

The mixing machine shall be equipped with an approved fines feeder that provides a uniform, positive, accurately metered, pre-determined amount of a mineral filler, if used, at the same time and location that the aggregate is fed.

The slurry mixture shall be uniformly spread by means of a controlled spreader box conforming to the following requirements:

The spreader shall be capable of spreading a traffic lane width and shall have strips of flexible rubber belting or similar material on each side of the spreader box and in contact with the pavement to prevent loss of slurry from the box and the box shall have baffles, or other suitable means, to insure uniform application on super-elevated sections and shoulder slopes.

The rear flexible strike-off blade shall make close contact with the pavement and shall be capable of being adjusted to the various crown shapes so as to apply a uniform seal coat.

Slurry mixture, to be spread in areas inaccessible to the controlled spreader box, may be spread by other approved methods.

All surface metal utility covers (including survey monuments) shall be protected by thoroughly covering the surface with an appropriate adhesive and oiled or plastic paper. No adhesive material shall be permitted to cover, seal or fill the joint between the frame and cover of the structure. Covers are to be uncovered and cleaned of slurry material by the end of the same work day.

Hand tools shall be available in order to remove spillage. Ridges or bumps in the finished surface will not be permitted. The mixture shall be uniform and homogeneous after spreading on the surface and shall not show separation of the emulsion and aggregate after setting.

Adequate means shall be provided to protect the slurry seal from damage from traffic until such time that the mixture has cured sufficiently so that the slurry seal will not adhere to and be picked up by the tires of the vehicles.

Immediately prior to applying the emulsified asphalt, the surface shall be cleaned of all loose material, silt spots, vegetation and other objectionable material. Any standard cleaning method used to clean pavements will be acceptable, except water flushing will not be permitted in areas where considerable cracks are present in the pavement surface. The Engineer shall give final approval.

The rate of application shall be 12 to 15 pounds of dry aggregate per square yard.

The emulsified shall only be applied when both the air and pavement temperature is 40° F or above and rising. The mixture should not be applied if high relative humidity prolongs the curing beyond reasonable time to be determined by the Engineer.

Emulsified asphalt seal coat shall be measured and paid for by the square yard of surface area of the completed and accepted work as designated by the Township Trustees. Price and payment shall be full compensation for furnishing, mixing, hauling, and placing of materials and for all labor and ease of equipment, tools, and incidentals necessary to complete the work in accordance with these specifications.

Prevailing Wage Rates per Section 4115 of the Ohio Revised Code shall prevail on this project. A copy of the applicable wage rates may be obtained from the State of Ohio Wage and Hour Division via the internet at the following web site:

<http://www.com.ohio.gov/laws>

Should the bidder not have access to the internet, a complete set of the applicable wage rates are available at the office of the Henry County Engineer. A copy will be provided if requested.

The successful bidder will be provided a hard copy of the prevailing wage rate as a part of the contract documents.

Any rate changes received from the State Wage and Hour Division during the term of the contract will be provided in hard copy to the Contractor.

Contractors are required to furnish the Township with a certificate of insurance in the minimum amount of \$1,000,000.00 primary and \$1,000,000.00 umbrella coverage. The Township, its elected office and employees shall be named as additional insured with respect to all activities under any agreement resulting from this bidding. The certificate of insurance shall provide that such insurance shall not be cancelled without thirty (30) days prior written notice to the Township. Contractors will replace certificate for any insurance expiring prior to the effective end date under any agreement resulting from this bidding.

Contractors shall maintain Worker's Compensation coverage as required by Ohio law. A copy of a valid Worker's Compensation certificate shall be submitted with the bid.

The Contractor shall indemnify and hold harmless the Township, its agents and employees from any and all losses, claims, damages, lawsuits, costs, judgments, expenses or any other liabilities which they may incur as a result of bodily injury, sickness, disease or death, or injury to or destruction of tangible property including the loss of use resulting therefrom, caused in whole or part by the negligent act or omission of the Contractor or any person directly or indirectly employed by any of them or any person for whose act any of them may be liable.

Accompanying this proposal is a bid guaranty in the form of either:

- 1) A bond for the full amount of the bid, on the above improvement; or
- 2) A certified check, cashier's check or letter of credit pursuant to Chapter 1305 of the Ohio Revised Code, in the amount of ten percent (10%) of the bid on the above improvements, payable to the order of the Board of Trustees, FLATROCK TOWNSHIP, which check or bond is to be forfeited if, in case this proposal is accepted, the undersigned shall fail to execute a contract within ten (10) days of Notice of Award.

This contract shall be under the direct supervision of the Flatrock Township Trustees and the Henry County Engineer.

All items are approximate, and final measurement of completed items will govern final payment.

In the event of discrepancy between the unit and total price bid, the unit price shall prevail. The unit prices shall remain in effect and held firm for the term of this contract. ODOT Item 401.20 Asphalt Binder price adjustment

does not apply.

The Contractor shall be responsible for all construction one (1) year after project completion and acceptance. The Contractor shall make all corrections as necessary by reason of noted defects. The Trustees will give notice of observed defects with reasonable promptness. In the event that the Contractor fails to make repairs, adjustments or complete other work which may be required by such defects, the Trustees may do so and charge the Contractor the costs incurred.

The Board of Trustees reserves the right to award separate contracts on the various roads described. The Board of Trustees further reserves the right to reject any or all bids.

The work shall be completed on or before September 15, 2008.

For each calendar day that any work shall remain uncompleted after the stated completion date the appropriate sum, in accordance with the schedule of liquidated damages per Section 108.07 of the Standard Specifications of the State of Ohio Department of Transportation, will be deducted from any monies due the Contractor, not as a penalty but as liquidated damages; provided however, that due account shall be taken of any adjustment of the completion date granted by the Board of Trustees of Flatrock Township.

A work day will be counted as lost if the Contractor's efficiency is reduced more than fifty (50%) percent on the critical items under construction at that time. Weekends and holidays will not be counted as lost work days.

Submitted By: _____
CONTRACTOR

Address: _____

Signed By: _____
Name/Title

Phone Number

Fax Number
