

## Specifications for Asphalt and Stone Materials

The Champaign County Commissioners will receive bids on **April 2, 2020 until 9:00 A.M.** at their office located at 1512 South U.S. 68, Suite A-100, Urbana, Ohio 43078 for liquid asphalt and patching material. Bids shall be accompanied by a bid bond, certified check or cashier's check in the amount of five percent (5%) of the bid. **Two copies of the bids shall be submitted in sealed envelopes marked "Asphalt and Stone Materials Bid."** Following are estimated quantities:

1. **CM150 Bituminous Material** – Bituminous material to be used shall meet the specifications shown in Table 1 or equivalent.

<b>Table 2: Specifications for Multigrade Cold Mix Asphalt</b>	
Method of Test	CM-150
Modified Kopper Vacuum Viscosity, 25°C, ASTM D 4957	800 – 10,000 P
Flash Point. Tag Flash Point, ASTM D 3143-98	65.5°C (min)
Water in Petroleum, ASTM D 95-05	1.0% (max)
Cut-Back Distillation, ASTM D 402-02 Distillate, % by Volume of Total Distillate to 360°: to 225°C to 260°C to 315.5°C Residue from Distillation to 360°C	0 – 3% by Vol 0 – 3% by Vol 40 – 80% by Vol Vol 85% (min)
Test on Residue from Distillation, ASTM D 402	
Penetration, 25°C, 100 g, 5 sec. ASTM D 5-05a	150 – 250 dmm
Solubility in Trichloroethylene, ASTM D 2042-01	99.0% (min)
Softening Point, ASTM D 36-95	73.8°C (min)
Float Test, 60°C, ASTM D 139-95	1200 sec (min)

The asphalt binder shall be delivered to point of production at a minimum temperature of 250°F.

2. **Cold Constructed Asphalt.** Typical application rate of bituminous material shall be approximately 4.5% by weight +/- 5%, depending on the aggregate gradation, moisture content and temperature. The final percent by weight shall be determined by the Project Engineer or owners Representative at the time of production.

Mixing Plant; The mixing unit shall have as a minimum two (2) 6-cubic yard capacity hoppers with oversize screening and vibrators on the hopper walls to assist in the free flow of material. The proportioning of materials shall be controlled by means of mechanically adjustable gate

valves at the point of discharge to a variable speed belt conveyor, equipped with a belt scale for continuous weighting of the aggregate. The aggregate belt scale shall be coupled/interlocked with two microprocessor controlled systems, complete with two independent pumping systems and spray bars, to regulate the application of bituminous material.

The mixing unit shall be an on-board completely self-contained counter rotating twin shaft pug mill. A metering device shall be capable of automatically adjusting the flow of bituminous material to compensate for any variation in the weight of the aggregate introduced into the pug mill. Bituminous material shall be metered by weight of aggregate using a mass flow, Coriolis Effect, type meter that will accurately measure the amount to within 0.5 percent of the amount required by the JMF or as adjusted by the Engineer.

Control of the plant shall be fully automatic via the microprocessors. Control functions shall include: batch production, automatic plant startup, monitoring of individual drive systems, warning signals in case of material shortage, monitoring of filling leveling, temperatures and pressures, pre-selection of tonnage, automatic plant shut down. A current setting of the mixing unit shall be continuously displayed.

The Contractor shall be required to assure complete coating of the blended aggregate with the Multigrade Cold Mix Asphalt Binder and any remixing through the pug mill or by manipulation of stockpiled material shall be considered acceptable.

Mobilization to stock pile locations shall be included in the unit price.

Woodstock Stock Pile: Across from 10697 Urbana-Woodstock Pike, Woodstock Oh 43084  
560 Stock Pile: Across from 1045 State Route 560, Urbana Oh 43078

The county engineer will provide two wheeled loaders and employees to load the mixing plant and stockpile the processed material during weekdays 8 am-3:30 pm. The awarded bidder shall contact the Engineer's office to determine the scheduled processing time prior to July 17, 2020 to process the material.

Payment of this item will be tons of material processed based on the gallons of CM-150 used at 12 gallons per ton.

3. 300,000 gallons more or less of RS-2 emulsified asphalt. Material shall be furnished from insulated storage trailers and insulated transports. Bidder shall furnish an insulated trailer of sufficient capacity to contain a minimum of one transport load. The trailer to be located in County Engineer's yard. The cost and responsibility of this storage trailer are part of this bid item. Material will also be furnished to designated locations in the county in insulated transports capable of pumping material on or off. Maximum demand will be 24,000 gallons per day. There will be no minimum. The bidder will pay any demurrage for transports.

4. Alternate 300,000 gallons more or less of HFRS-2P emulsified asphalt. Material shall be furnished from insulated storage trailers and insulated transports. Material shall meet State of Ohio Department of Transportation 702.16 for Type A polymer asphalt emulsion. Bidder shall furnish an insulated trailer of sufficient capacity to contain a minimum of one transport load. The trailer to be located in County Engineer's yard. The cost and responsibility of this storage trailer are part of this bid item. Material will also be furnished to designated locations in the county in insulated transports capable of pumping material on or off. Maximum demand will be 24,000 gallons per day. There will be no minimum. The bidder will pay any demurrage for transports.

5. Crushed No. 8 Aggregate meeting the specifications of Item 422.02 of the ODOT 2019 Construction and Material Specifications. All material should be delivered to the following locations by May 22, 2020

Morgan Stock Pile: 1631 Kennard Kingscreek, Urbana Oh 43078

Pullins Stock Pile; 12662 Shanley Road, Quincy Oh 43343

Woodstock Stock Pile: Across from 10697 Urbana-Woodstock Pike, Woodstock Oh 43084

560 Stock Pile: Across from 1045 State Route 560, Urbana Oh 43078

Heck Hill Stock Pile: Across from 2108 N. Heck Hill, St. Paris Oh 43072

Calland Stock Pile: Just north of 8507 Calland Road, West Liberty Oh 43357

Thackery Stock Pile: 8130 SR 55 St. Paris Oh 43072

235 Stock Pile: 384 SR 235, St. Paris Oh 43072

US 68 Stock Pile: 2506 South US 68, Urbana Oh 43078

Delivery of materials shall be made to the stockpile locations prior to list date. Payment for this item will be tons of material delivered. Weight tickets will be provided.

6. Crushed No. 9 Aggregate meeting the specifications of Item 422.02 of the ODOT 2019 Construction and Material Specifications. Payment will be per ton delivered to various stockpile locations as described.

Woodstock Stock Pile: Across from 10697 Urbana-Woodstock Pike, Woodstock Oh 43084

560 Stock Pile: Across from 1045 State Route 560, Urbana Oh 43078

Delivery of materials shall be made to the stockpile locations prior to list date. Payment for this item will be tons of material delivered. Weight tickets will be provided.

The County Engineer's forces will make every effort to cooperate with the successful bidder concerning scheduling requirements. However, performance under this contract will be evaluated based on the most efficient working arrangement for the county forces.

Commissioners may, at their option, make separate awards for items 1, and 3 and either item 2 or 2 alternate.

The Board of County Commissioners reserves the right to reject one, several or all bids.

It is intended that delivery of the RS2 or RS2P emulsified asphalt bid material will be between May 18, 2020 and May 18, 2021 unless it is terminated for poor performance or extended by mutual agreement.

Every effort will be made to make the award within one week. All bidders will be sent a tabulation and notification of the award.

***Full transports intended for other government agencies will be billed directly to that agency. Contact information and invoice should be remitted to:***

<b>Township</b>	<b>Fiscal Officer</b>	<b>Address</b>	<b>City, State, Zip</b>	<b>Phone Number</b>	<b>Email</b>
<b>Adams</b>	Mary Jo Kies	12839 Shanley Road	Quincy, Oh 43343	937-726-3299	<a href="mailto:mjkies715@gmail.com">mjkies715@gmail.com</a>
<b>Johnson</b>	Nicolette Sarver	PO Box 663	St. Paris, Oh 43072	937-925-1738	<a href="mailto:johnsontownship@windstream.net">johnsontownship@windstream.net</a>
<b>Jackson</b>	Sali Lacy	9299 Old Troy Pike	St. Paris, Oh 43072	937-508-9812	<a href="mailto:lacyrs89@aol.com">lacyrs89@aol.com</a>
<b>Harrison</b>	Patricia Brehm	3776 Couchman Road	West Liberty, Oh 43357	937-465-9621	<a href="mailto:brehm@loganrec.com">brehm@loganrec.com</a>
<b>Concord</b>	Penney Dunlavy	6239 Millerstown Eris Road	Urbana, Oh 43078	937-663-5202	<a href="mailto:penelope77@woh.rr.com">penelope77@woh.rr.com</a>
<b>Mad River</b>	Richard Ford	2773 Vance Road	St. Paris, Oh 43072	937-215-7660	<a href="mailto:rford@madrivertwp.org">rford@madrivertwp.org</a>
<b>Urbana</b>	Ruth Rooney	1074 W. Hickory Grove Road	Urbana, Oh 43078	937-484-3051	<a href="mailto:ruththwp@ctcn.net">ruththwp@ctcn.net</a>

**All other invoices will be remitted to:**

**Champaign County Engineer  
PO Box 669  
Urbana, Oh 43078**

If a bid bond is provided, the name and address of the surety company and agent must be provided on the enclosed form.

An award will not be made to any bidder, including the lowest and best bidder or the lowest responsive and responsible bidder against whom a finding for recovery has been issued by the Ohio Auditor of State, if the finding for recovery is unresolved, as provided in Section 9.24 of the Ohio Revised Code, whether or not it is clear that any funds used in this project could be deemed to be 'state funds.' A bidder with an unresolved finding for recovered shall be deemed not a best bid or not a responsible bid.

**Affidavit of Compliance with O.R.C. 3517.13:** Ohio Revised Code Section 3517.13(I)(3) and (J)(3) requires that no agency or department of this state or any political subdivision shall enter into any contract for the purchase of goods costing more than five hundred dollars or services costing more than five hundred dollars with a corporation, individual, partnership or other

association organized under Chapter 1785 of the Revised Code, estate, or trust unless the contract includes a certification that the individuals named in Revised Code Sections 3517.13(I)(1) and (J)(1) are in compliance with the aforementioned provisions. The offeror is required to complete the attached AFFIDAVIT OF COMPLIANCE WITH OHIO REVISED CODE SECTION 3517.13. Failure to submit the required affidavit with the proposal/bid pack will deem the offeror's response to be non-responsive and disqualified from receiving further consideration.

## LEGAL NOTICE

Bids will be received by the Champaign County Commissioners at their office at 1512 South U.S. 68, Suite A-100, Urbana, Ohio 43078 until 9:00 A.M. on April 2, 2020 for asphalt and stone materials. Bids shall be accompanied by a bid bond, certified check, or cashier's check, for five percent of the bid. Two copies of the bids shall be submitted in a sealed envelope marked

"Asphalt and Stone Materials Bid". Specifications are on file in the office of the County Engineer and at

<http://engineer.co.champaign.oh.us> .

The Board of Commissioners reserves the right to reject any or all bids.

Board of Commissioners  
Champaign County, Ohio

By:

Stephen McCall P.E., P.S.

**Bid Form**  
**2020 Asphalt and Stone Materials**  
**Champaign County, Ohio**  
**Each item can be awarded to lowest and best bidder**

<b>Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Description</b>	<b>Unit Price</b>	<b>Extension</b>
1	144,290	Gal	CM-150 Bituminous Material		
2	13,385	Tons	Cold Constructed Asphalt		
3	300,000+/-	Gal	RS-2 emulsified asphalt. (delivered)		
4	300,000+/-	Gal	HFRS-2P (delivered)		
5	11,500	Tons	Crushed No. 8 Aggregate delivered to Woodstock Stock Pile		
6	1885	Tons	Crushed No. 8 Aggregate delivered to 560 Stock Pile		
7	800	Tons	Crushed No. 8 Aggregate delivered to Heck Hill Stock Pile		
8	2100	Tons	Crushed No. 8 Aggregate delivered to Calland Stock Pile		
9	2200	Tons	Crushed No. 8 Aggregate delivered to Thackery Stock Pile		
10	700	Tons	Crushed No. 8 Aggregate delivered to US 68 Stock Pile		
11	750	Tons	Crushed No. 8 Aggregate delivered to Pullins Stock Pile		
12	1100	Tons	Crushed No. 8 Aggregate Delivered to Morgan Stock Pile		
13	550	Tons	Crushed No. 9 Aggregate delivered to Woodstock Stock Pile		
14	140	Tons	Crushed No. 9 Aggregate Delivered to 560 Stock Pile		
14	1100	Tons	Crushed No. 9 Aggregate Delivered to Morgan Stock Pile		

**Bid Form**  
**2020 Asphalt and Stone Materials**  
**Champaign County, Ohio**  
**Each item can be awarded to lowest and best bidder**

I certify that I have inspected the job and have read and understand the plans and specifications, including the required completion date. Any questions or concerns about any quantities should be directed to the office of the Champaign County Engineer prior to submitting any bid.

By:

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Company:

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Address:

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Phone:

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## Notice to Bidders

It is requested that all prospective bidders return this form as soon as they receive the project, materials or equipment specifications.

Re: Asphalt and Stone Materials

We have received the specifications and intend to respond as follows:

\_\_\_\_\_ We are interested and intend to bid on this project.

\_\_\_\_\_ We do not intend to bid on this project, but would like to receive invitations on similar future projects.

\_\_\_\_\_ We would like to be taken off your bidders list.

Company \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Contact \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-Mail Address \_\_\_\_\_

***Please fax this completed form to us at (937)653-3172.***

BOND INFORMATION

Surety Company \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone \_\_\_\_\_

Agent \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone \_\_\_\_\_

**AFFIDAVIT  
OF COMPLIANCE WITH OHIO REVISED CODE SECTION 3517.13  
(POLITICAL CONTRIBUTIONS)**

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_ SS:

I \_\_\_\_\_, being duly sworn, depose and state as follows:  
(Name)

1.) I am duly authorized to make the statements contained herein on behalf of  
\_\_\_\_\_ ("The Contracting Party").

2.) The Contracting Party is a/an (select one):

Individual, partnership, or other unincorporated business association (including, without limitation, a professional association organized under Ohio Revised Code Chapter 1785), estate, or trust.

Corporation organized and existing under the laws of the State of \_\_\_\_\_.

Labor organization

3.) I hereby affirm that the Contracting Party and each of the individuals specified in R.C. 3517.13 (I) (3) (with respect to non-corporate entities and labor organizations) or R.C. 3517.13 (J) (3) (with respect to corporations) are in full compliance with the political contribution limitations set forth in R.C. 13 (I) and (J), as applicable.

4.) I understand that a false representation on this certification constitutes a felony of the fifth degree pursuant to R.C. 3517.13 (AA) and 3517.992(R)(3).

Affiant further sayeth naught

By \_\_\_\_\_  
(Signature)

Title \_\_\_\_\_

SWORN TO BEFORE ME and subscribed in my presence this \_\_\_\_\_ day of  
\_\_\_\_\_, 20\_\_\_\_\_.

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

My Commission Expires \_\_\_\_\_

SEAL