

NOTICE TO BIDDERS

Notice is hereby given that the Board of Commissioners of Madison County will receive sealed bids until Monday, November 23, 2020 at 10:00 a.m. (local time) at the Madison County Auditor's Office, Madison County Government Center, 16 East 9th Street, Anderson, Indiana 46016, for supplies and materials as listed below to be furnished as required for the calendar year 2021, and contracts may be renewed any number of times, with the agreement of the purchasing agency and the supplier/contractor. Bids will be evaluated based upon inspection, testing, quality, workmanship, delivery and suitability for particular purpose.

For any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of religion, race, color, national origin, sex, sexual orientation, gender identity, age, disability/handicap and low income in consideration for an award.

Sealed bids will be publicly opened at 10:00 a.m. on the 23rd day of November, 2020 by the County in the Madison County Commissioners' Court Room, located in the Madison County Government Center, 16 East 9th Street Anderson, Indiana. All who submit bids are welcome to attend this public opening.

- ITEM NO. 1 Lead Free Gasoline
- ITEM NO. 2 Diesel Fuel
- ITEM NO. 3 LIQUID ASPHALT
- ITEM NO. 4 ASPHALT PAVEMENT MATERIALS & MISC
- ITEM NO. 5 CRUSHED STONE
- ITEM NO. 6 GRAVEL AND SAND
- ITEM NO. 7 EQUIPMENT RENTAL AND LABOR
- ITEM NO. 8 PIPE & MISC.
- ITEM NO. 9 PRE-ENGINEERED/PRE-FABRICATED BRIDGES**

Specifications will be available beginning November 4th, 2020 in the Office of the Commissioners, Madison County Government Center, 16 East 9th Street, Anderson, Indiana. Material bids shall be itemized on Indiana State Board of Accounts Form 95 and contractor bids shall be itemized on Indiana State Board of Accounts Form 96 as indicated in the specifications. No bid bond is required for bids. Additional bid requirements are contained within the specifications.

Contracts will be let as part or whole to the lowest responsible bidder upon affidavit of non-collusion, which must be submitted with bids and upon failure to submit such affidavit, such bid will be rejected.

The bid will be awarded to the lowest responsible and responsive bidder except that Madison County Commissioners retains the right to reject any/all bids when it is in the best interest of the county.

Board of Commissioners
Madison County, Indiana

November 4 & 11, 2020

SPECIFICATIONS

The Madison County Board of Commissioners will receive sealed proposals on Monday, **November 23, 2020 until 10:00 A. M.**, proposals will be opened at 10:00 AM Local Time at the Commissioners Courtroom, Madison County Government Center, 16 East 9th Street, Anderson, Indiana for the following items for the Calendar Year of 2021. Bids will be good for 30 days.

Each bid to be enclosed in a sealed envelope, with the item numbers and item descriptions listed on the outside of the envelope.

The Commissioners reserve the right to accept or reject any or all bids or any part thereof, and to award any portion separately to one or more bidders.

Board of County Commissioners also reserves the right to accept bids on a line item basis.

All bidders are directed to submit their material bids on Form 95 or labor & equipment bids on Form 96 as prescribed in the specifications. The Non-Collusion Affidavit must be executed. These forms are available at the County Commissioner's Office. No bid bond is required for bids.

Bids shall be submitted in duplicate (pages listing bid prices).

County may award asphalt paving materials contract to more than one (1) responsible and responsive bidder based upon material availability and proximity to the project.

ITEM NO. 1 LEAD FREE GASOLINE

The following are the specifications and estimated quantities for fuel at the Madison County Highway Department.

The premium lead free gasoline shall be no less than 90 octane. No alcohol shall be added. The Highway Department has an underground 4,000 gallon tank for this fuel. Therefore, a minimum order from the Highway Department will be 2,000 gallons. The estimated quantity of No Lead Gasoline that will be used by the Highway Department will be 35,000 gallons.

Lead Free Gasoline (Bid will be awarded for either Unleaded Item 1A or Item 1B)

- A. Firm price for the entire calendar year 2021 based upon the bid price on November 23, 2020. Award of bid shall be no later than December 14, 2020 with an updated firm price submitted to the Commissioners' office based upon the price on December 14th.

Lead Free Gasoline (90 Octane)
Quantity: 35,000 gallons or less
Price: Per gallon

- B. Base price subject to a standard escalation or de-escalation clause. The base price will be documented to the wholesale price on November 20, 2020.

Lead Free Gasoline (90 Octane)
Quantity: 35,000 gallons or less
Price: Per gallon

ITEM NO. 2 DIESEL

The No. 2 Diesel Fuel shall be clean and meet all standards for No. 2 Diesel Fuel. The Highway Department has an underground 10,000 gallon tank for this fuel. Therefore, a minimum order from the Highway Department will be 5,000 gallons. The estimated quantity of diesel fuel that will be used by the Highway Department will be 60,000 gallons.

All diesel fuel shall include additives to meet a XUD-9 specification and also the DW-10 specification. Fuel shall also include additives for lubricity, corrosion inhibitors, summer moisture control and stabilizer.

(TO MEET ASTM SPECIFICATIONS FOR GRADE #1 AND #2)

Diesel fuel and gasoline are subject to laboratory tests anytime the County Highway Superintendent sees fit.

A. Firm price for the entire calendar year 2021 based upon the bid price on November 23, 2020. Award of bid shall be no later than December 14, 2020 with an updated firm price submitted to the Commissioners' office based upon the price on November 14th.

Low Sulfur, On Road Premium Diesel Fuel
Minimum cetane rating of 47
Quantity: 45,000 gallons or less
Price: Per gallon

Low Sulfur, On Road Premium Diesel Fuel
Minimum cetane rating of 47
Winter blend formula
Quantity: 15,000 gallons or less
Price: Per gallon

B. Base price subject to a standard escalation or de-escalation clause. The base price will be documented to the wholesale price on November 20, 2020.

Low Sulfur, On Road Premium Diesel Fuel
Minimum cetane rating of 47
Quantity: 45,000 gallons or less
Price: Per gallon

Low Sulfur, On Road Premium Diesel Fuel
Minimum cetane rating of 47
Winter blend formula
Quantity: 15,000 gallons or less
Price: Per gallon

Additional Fuel Specifications

1. Each bid item price shall include all applicable taxes and all surcharges.
2. Bidders shall not include any conditions to their bid other than allowed by law.
3. Madison County Highway Department will make every effort possible to make payments in a timely manner.
4. The Bidder shall submit a copy of the Refinery Ticket when material is delivered to the Highway Department.
5. The base date for the bid shall be on November 23, 2020.
6. The Bidders shall state the source of supply and state the amount of vendor add on price.
7. Escalator Clause: All bidders shall specify the refinery supplier upon whose price the bidder's price is based. The refinery so named by the Bidder must be one with whom the bidder has a supply contract. Such supplier declaration shall be annotated on Form 95.
8. The successful Bidder shall increase or decrease the contract unit price strictly in accordance with all price change by the specified refiner thereby maintaining a constant bid margin relative to the current price of the specified refiner or maintain a firm price for the entire year 2021.
9. Any increases or decreases in the successful Bidder's contract price shall be substantiated by the Bidder upon request by the Highway Department. Such substantiation shall include a record, in reasonable form reflecting price changes by the specified refinery including dates and amounts of change.
10. Madison County shall award gasoline and diesel fuel separately.

For all bid prices: Diesel on road shall have the State Road Tax included. Unleaded will include the State Road Tax. No sales tax is to be included in any fuel price.

ITEM NO. 3 LIQUID ASPHALT

- 650,000 gallons of liquid asphalt more or less. Price per ton or gallon.
 - Bid Form 95 required.
1. The following grades of liquid asphalts are requested for bid:
 - a. RS-2, AE-60, AE-90, AE-90s, AE-150, AE-200, AE-300, HFRS-2, CM-90, CM-150, CM-300, HP-2, HP-3, HFRE and polymerized modified asphalt emulsions.
 - b. Prime Materials: AE-SP, AE-PL & AE-T
 2. Bidder shall bid on each item and quote prices in dollars per ton or gallon as follows:
 - a. F.O.B. County Storage
 - b. F.O.B. Vendor Storage (Bidder to furnish a 10,000 gallon storage tank mounted on rubber tires to be moved at bidder's expense to any point in the county as directed by the Highway Supervisor.)
 - c. F.O.B. Job Site (Bidder to hold truck transport at job site and used for storage until emptied without demurrage charges.)
 - d. F.O.B. Vendor plant – County Pick Up
 3. A delivery ticket shall accompany each truck transport and a certified analysis shall be furnished on each load when requested. The County Commissioners reserve the right to have any material or materials tested and such expense will be assumed by the supplier of the material or materials. Failure of the asphalt to perform satisfactorily in the field shall be cause for rejection even though it passes laboratory tests. All material shall meet current INDOT specifications.
 4. "Bidders shall have the right to increase the contract unit price in an amount equal to bidder's increase in cost of materials occurring subsequent to the date on which such bid is submitted (base date) to the Board of Commissioners. An increase or decrease on the bidder's cost of materials after the base date shall be determined monthly and shall be verified by proper documents furnished of price to the bidder from the bidder's source of supply. Bidder may reserve the right to allocate its product to its customers in a fair and equitable manner. If necessary, due to the reduction of the allocation from the source of supply to the bidder in accordance with any directives for mandatory allocation issued by an appropriate agency of the Federal government."

ITEM NO. 4 ASPHALT PAVEMENT MATERIALS & MISC

- a. Furnish materials for new construction or resurface. FOB plant.
- b. Furnish Cold Mix patch material F.O.B. PLANT;
- c. Furnish Cold Mix patch material delivered to Madison Co. Highway Dept.
- d. 7,100 tons of asphalt mixes more or less.
- e. Bid Form 95 required.
- f. Furnish Bituminous material mixes F.O.B. plant as follows:
 1. HMA BASE
PG64-22, 25 MM, TYPE B (per INDOT 402 (2012) spec. and/or Madison Co. Highway requirements)
 2. HMA INTERMEDIATE
PG64-22, 19 MM, TYPE B (per INDOT 402 (2012) spec. and/or Madison Co. Highway requirements)
 3. HMA SURFACE
PG64-22, 9.5 MM OR 12.5 MM, TYPE B (per INDOT 402 (2012) spec. and/or Madison Co. Highway requirements)
 4. ASPHALT PATCHING MIX

The bids will be accepted as first call and second call and third call if necessary. If the Highway calls for mix and cannot get the mix on that day, then they will call the second lowest bidder for availability of the mix. If both the first and second bidder cannot provide the mix, then the Highway will contact the third lowest bidder.

All materials shall be in accordance with specifications of the Indiana Department of Transportation and/or the Madison County Highway Dept.

All bituminous Materials subject to the following:

Bidder shall have the right to increase the contract unit price in an amount equal to the bidder's increase in costs of asphalt material occurring subsequent to the date on which the bid is submitted (hereinafter referred to as "base date") to the board. The "base date" binder material cost shall be shown on the bid.

Any increase (or Decrease) in the bidders cost of materials and supplies after the base date shall be determined monthly and shall be verified by proper documents furnished to the responsible board which all include proof of price to the bidder from the bidder's source of supply.

Bidders may reserve the right to allocate its product to its customer in a fair and equitable manner, if necessary due to the reduction of the allocation from the source of supply to the bidder in accordance with any directives for mandatory allocation issued by an appropriate agency of The Federal Government.

ITEM NO. 5 CRUSHED STONE

10,000 TONS OR LESS Crushed stone and Screenings
No. 1 to No. 12 inclusive: No. 53 and No. 73 Stone
Include various sizes of rip rap.
All materials to meet INDOT Standard Specifications or be of good commercial grade where the INDOT standard specs are not particularly applicable.
Bid Form 95 required.

Price per ton: FOB plant

ITEM NO. 6 GRAVEL AND SAND

13,000 tons or less of gravel and sand.
Screened and unscreened
All materials to meet INDOT Standard Specifications or be of good commercial grade where the INDOT standard specs are not particularly applicable.
Bid Form 95 required.

Price per ton: FOB plant

ITEM NO. 7 EQUIPMENT RENTAL AND LABOR

EQUIPMENT RENTAL, CONSTRUCTION UNIT PRICES AND LABOR RATES

Bidders are to bid each item separately, as specified, or an equivalent size machine. All rates are to include the furnishing of fuel and maintenance (A copy of the following lists may be used as an attachment to Form 95 to bid the items listed). Equipment shall be charged only when in use. If Madison County requires said equipment per the terms of this bid request and the bidder has only a larger size, the bidder shall furnish the larger size at the same rate as bid. Additional equipment and labor may be added by the bidder as needed. Experience and necessary equipment will be a major factor in bid selection. Contractor shall be INDOT prequalified. The projects that are expected to be constructed are bridges, culverts, and etc. Contractor shall own the pile driving hammer and leads as well as the associated crane for driving.
All bidders are required to answer the question concerning operators at the end of this section. Not answering the question will be grounds for rejecting the bid.

<u>Section 1</u>	<u>EQUIPMENT</u>	<u>PER HOUR RATE</u>
	<u>ITEM DESCRIPTION</u>	
	1. Small Dozer (J.D. 350)	
	2. Large Dozer (Cat. D-6)	
	3. Front End Loader (Cat. 955)	
	4. Backhoe (Case 580)	
	5. Motor Grader (Cat. 12)	
	6. Smooth Wheel Roller (10 ton tandem)	

7. Vibratory Roller
8. Pavement Miller
9. Power Broom
10. Lowboy (tractor & trailer)
11. Truck & Trailer
12. Single Axle Dump Truck
13. Tandem Axle dump Truck
14. Tri-axle Dump Truck
15. Light Tractor W/grader box
16. Lifting Cranes
 - a. 20 ton (Lima 34)
 - b. 25 ton (Lima 44)
 - c. 50 ton (Lima 50T)
 - d. 75 ton (Lima 75T)
 - e. 100 ton (Lima 100 T)
17. Piling Drop Hammer W/ leads
18. Vulcan I Pile Hammer with leads and Air Compressor
19. Excavator (44,000 lb Class)
20. Air Compressor – 185 CFM
21. Air Hammers or Drills
22. Sand Blaster
23. Electric Generator (Homelite 3000 wt)
24. Electric Welder (Miller 225 AMP)
25. Concrete Vibrator (electric)
26. Water Pump 4"
27. 2" Electric Water Pump
28. 3" Electric Water Pump
29. Trash Pump – 4" with hose
30. Plate Compactor
31. Small Power tools (Saws, Drills, etc.)
32. Straw Blower
33. Tool Truck
34. Gas Welder
35. Type III Barricades
36. Concrete Forms with Hardware (\$/cy of concrete)
37. Bobcat

Section 2. LABOR RATES

SKILL CLASSIFICATION

PER HOUR RATE

1. Foreman
2. Operator
3. Labor (Skilled)
4. Labor (Unskilled)
5. Carpenter
6. Teamster

Is the Operator included with the equipment unit price?

(Yes or No)

ITEM NO. 8 PIPE & MISC.

- A. **1500 FT** or less corrugated metal culvert pipe ½ X 2 2/3, 3 X 1 and 5 X 1 corrugations, riveted, spiral, Al. type II, and galvanized steel, bid unit prices per lineal foot for round and pipe arch pipes. Sheet manufacturer certifications must accompany bid. Bid unit prices per lineal foot delivered to Madison County.
- B. **200 FT** or less aluminum box culvert, assembled/unassembled delivered to jobsite.
- C. **500 FT** or less high-density polyethylene pipe 6" thru 60". Requesting bids for single wall and double wall pipe, both solid and perforated.
- D. **Misc.** Unit prices for geo-grid, geotextile fabric (non-woven), and erosion control blankets and products.

Item A, B. and C shall be considered as a unit, with bid to be complete for all items. Material to be delivered and unloaded as specified by county highway personnel. Quote net prices only. No discounts. Prices shall be firm for the year 2021. All materials must meet all federal & INDOT specifications.

ITEM NO. 9 PRE-ENGINEERED/PRE-FABRICATED BRIDGES

VARIOUS PRE-ENGINEERED BRIDGE PACKAGES AND OPTIONAL REHABILITATION PRODUCTS

All Steel Bridge Packages including Steel Beam Spans and Truss Structures

Bridge Decking Products, Structural Plate Bridge Flooring (Deck System may include Corrugations 2" to 6" and 3" to 9" in gauges 12, 10 and 7).

Precast Concrete Arch Structures and Four-Sided Structures, Precast Concrete Headwalls and Wingwalls.

Galvanized Steel Guard Rail in various gauges including 10 and 12 gauge. (Non-exclusive Bid)

The Board of Commissioners and Madison County Highway Department reserve the right to purchase new and used W-Beam Guard Rail and Thrie-Beam Bridge Rail and 6" x 6" x 6' - 3" Steel Posts from other suppliers. These orders may be for material only or material including installation.

Slope Stabilization and Erosion Control Products. Products may include, but are not limited to Geotextiles, Geogrids, Silt Fences and Gabion wall materials.

Successful Bidders must have representatives available to assist the M.C.H.D. in sizing, installation of structures and rehabilitation materials.

The delivery time and availability of materials are to be listed with bid information.

All materials must meet all federal and state highway specifications with design load capacity to meet AASHTO guidelines.

Product Manufacturer certifications are to accompany products delivered.

Upon request by Madison County, bidders must provide design drawings signed and sealed by a professional engineer, registered in the State of Indiana.

An itemized "Bill of Materials" is to be submitted with project quotations. All required materials used to complete the system package are to be noted. The location of manufacturing and fabrication of systems supplied is to be provided with materials.

The Madison County Board of Commissioners reserves the right to accept and/or reject any and all bids. This bid information will be used primarily as one option to evaluate how cost effective various bridge types are for completing specific bridge improvement projects. Other bridge types may be included in this evaluation process for specific sites. Prior to final decision and acceptance of a specific bridge package by Madison County, the Manufacturer/Supplier shall provide a Quotation with all required details for said specific bridge improvement projects.

SPECIFICATIONS FOR VARIOUS STEEL BRIDGES WITH METAL GRID DECK

Various Steel Beam Bridges with Metal Grid Decks using ASTM A-588 steel, for locations as determined by the Highway Department and Board of Commissioners, shall be designed and prefabricated in accordance with AASHTO Specifications. Steel beams shall have diaphragms between each beam at both ends and at mid-span with maximum space of 25 feet between rows of diaphragms. Diaphragms shall also be placed at all bridge rail posts between the exterior beam and first interior beam. Bearing plates, anchor bolts and all required assembly hardware shall be provided for each proposed bridge. Galvanized bridge rail, guardrail and all necessary posts and hardware shall be included with the materials. Buried end sections of guardrail, shop curved lengths of guardrail and straight lengths of guardrail in sufficient lengths to meet safe highway design standards shall be provided for each project. The bridge beams, deck and all components shall be delivered to the bridge job site.

The proposed bridge substructure and superstructure shall be designed in accordance with the American Association of State Highway Transportation Officials Standard Specifications for Highway Bridges 16th Edition with Interim Revisions, (AASHTO Specifications). A registered professional engineer licensed in the State of Indiana shall complete design of the bridge to meet AASHTO HS 20-44 loads. Detailed contract plans for superstructure and substructure, bearing the design engineer's seal, shall be provided to county prior to beginning construction. The Proposal submitted to the county for each specific bridge project shall itemize the cost of the various bridge components, the professional engineering services and the total project cost. (The Proposal shall state that all the required professional engineering services are included for the project cost. The need for geotechnical and hydraulic investigations completed by a registered professional engineer shall be discussed with the county

and included in the Proposal, if it is determined that these professional engineering services are necessary for the specific bridge project).

The metal grid deck flooring systems shall meet AASHTO Specifications and be designed for AASHTO HS 20-44 loads by a registered professional engineer licensed in the State of Indiana. Flooring details shall be provided showing the size and spacing of the main bars and cross bars. All structural steel members shall have a minimum thickness of material of at least 5/16 inch in accordance with AASHTO Section 10.8 MINIMUM THICKNESS OF STEEL. Bars shall be closely spaced to support highway loads, withstand impact and provide a safe surface for walking across the bridge. (Main bars shall be not less than 4 inches deep and spaced 2 3/8 inches or less c-c. Cross bars shall be not less than 1 inch deep and 5/16-inch-thick spaced at 4 inches or less c-c). The deck surface shall be serrated to insure skid resistance for traffic. The types of welds (mig welding), electrodes and bar materials for manufacturing the steel grid flooring system shall be specified by the professional engineer and noted on the bridge plan detail sheets. Welding and fasteners (bolts) shall be in accordance with the appropriate AASHTO Specifications (Section 10.23 and Section 10.24 respectively).