



Calhoun County Road Department

"Building A Better County Through Responsive Leadership"

13300 15 Mile Road
Marshall, MI 49068
(269) 781-9841 Voice
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rdinfo@calhouncountymi.gov
www.calhouncountyroads.com

Invitation for Bids

2019 Countywide HMA Paving

Sealed bids will be received by the Calhoun County Road Department at their offices on 13300 15 Mile Road, Marshall, MI 49068 until **12:00 PM EST on Wednesday, March 20, 2019** for the paving of multiple locations of roadway in Calhoun County, Michigan.

All bids must be in sealed envelopes marked:

2019 Countywide HMA Paving

No pre-bid meeting will be held. Questions about this bid package must be submitted by **Wednesday, March 13th, at 12:00 PM** via email to scudney@calhouncountymi.gov

The Calhoun County Road Department reserves the right to split this work between multiple contractors based on the bids that are received, to reject any and all bids, and to make the award in the best interest of the Calhoun County Road Department and Calhoun County.

Kristine Parsons, PE
Director of Engineering

General Provisions & Instructions

Scope of Work

The work covered by this proposal consists of HMA paving and construction of gravel shoulders on multiple segments of roadway at various locations throughout Calhoun County.

All work shall be performed in accordance with the Michigan Department of Transportation's (MDOT) 2012 Standard Specifications for Construction or as modified by these General Provisions and Instructions.

Special Requirements

1. Persons wanting to submit a bid on this project shall submit the forms from Appendix A & Bid Security Requirements. Bid forms should be submitted to the Calhoun County Road Department. After the bid opening, a decision will be made to pursue what is in the best interest of the Calhoun County Road Department and Calhoun County
2. A preconstruction meeting will be held to finalize a progress schedule and to determine execution-administration of the contract. Work on the project shall begin on a date agreed upon with the Calhoun County Road Department and the Calhoun County. The completion date for all work included in this bid package shall be September 12, 2019.
3. Payment: The contractor shall submit invoices for completed contract items to the Calhoun County Road Department (Erin Cummings). The invoice will be processed and payment for approved contract items (less retainage, if necessary) will be made within thirty (30) calendar days or less of receiving the invoice.
4. The contractor shall furnish a statement to the Calhoun County Road Department certifying that all subcontractors and suppliers that furnished labor, equipment, and materials for the project have been paid before the final payment on the contract is made.

Questions/Additional Information

Questions regarding this project should be directed to:

Skylar Cudney, EIT
Project Engineer
Calhoun County Road Department
13300 15 Mile Road
Marshall, MI 49068
P: 269.781.0056
scudney@calhouncountymi.gov

PROGRESS CLAUSE

The Owner anticipates that construction can begin no earlier than

- **May 1, 2019**

In no case shall any work be commenced prior to receipt of formal notice of award by the Department.

The Contractor shall prepare and submit a detailed progress schedule.

The progress schedule shall include, at minimum, the controlling work items for the completion of the project as well as the planned dates or work days that these work items will be controlling operations. All contracts dates including open to traffic, project completion, interim completion and any other controlling dates in the contract, must be included in the progress schedule.

If the bidding Proposal specifies other controlling dates, these shall also be included in the Progress Schedule.

All work shall be conducted during daytime hours. No work on weekends unless pre-approved by the Engineer.

Work must be continuous and progressive.

The road shall be fully open to traffic within 7 calendar days of paving unless otherwise approved by the Engineer.

The Project shall be completed in its entirety including final site restoration and clean-up

- **On or before September 12, 2019**

After award and prior to the start of work, the Contractor must attend a preconstruction meeting with the Engineer. The Engineer will determine the day, time and place for the preconstruction meeting. The meeting will be conducted after project award and may be rescheduled if there are delays in the award of the project. The named subcontractor(s) for Designated and/or Specialty Items, as shown in the Proposal, should attend the preconstruction meeting if such items materially affect the work schedule.

Liquidated Damages shall be assessed in accordance with Section 108.10 of the 2012 Standard Specifications for Construction.

Project Log

2019 Countywide HMA Paving

PROJECT LOCATION

Project locations will be at various sites throughout Calhoun County. Please refer to the attached documents for reference. Locations and quantities may vary depending on budgetary constraints. We reserve the right to adjust quantities and locations of all items of work.

The Engineer or Designated Agent will establish the final locations for all items of work.

PROJECT DESCRIPTION

The project proposes to resurface various segments of road throughout Calhoun County with HMA, 36A and replace the existing gravel shoulders.

In certain locations, butt joints will be milled at the beginning and end of the road segment, and at all intersecting roads marked by the Engineer or Designated Agent. Certain HMA driveways may also have butt joints milled in them. The driveways will then be tied back in to the existing roadway using HMA during paving operations. The Engineer or Designated Agent shall be responsible for marking out all milling limits and butt joint locations prior to the work taking place. Butt joints may not be milled more than 7 calendar days in advance of paving, weather permitting. There will be a penalty of \$75.00 per butt joint for every day that the butt joints remain open after the seventh day. All butt joint work shall be paid for as *Pavt for Butt Joints, Rem.*

Some paving locations will not have butt joints. These locations will have ends that uniformly taper down to meet the existing HMA.

Prior to paving, all locations shall be swept of dirt and debris and have a uniform layer of bond coat (tack) applied at a rate of 0.05 to 0.15 gallons per square yard. The bond coat must be given time to cure before the surface is paved.

All paving locations shall be resurfaced with HMA between the limits marked by the Engineer or Designated Agent, paid for as *HMA, 36A*. This includes paving back into butt joints. The application rate shall be 110 pounds per square yard for every inch of HMA that is placed.

All gravel driveways within the paving limits shall have an HMA tab placed for a distance of 2-feet back in the driveway during paving operations, paid for as *HMA, 36A*. Certain concrete driveways within the paving limits may be saw cut by CCRD prior to paving. These concrete driveways will be tied back into the road surface with HMA during paving operations. Bond coat will be placed on the saw cut face of the concrete driveways prior to paving. HMA and concrete driveways that are not milled or cut will be tied into the roadway with a 2-foot HMA tab that tapers back into the driveway.

HMA valley gutter shall be placed in locations where there is potential for water runoff to erode and wash away any proposed shoulder gravel. These locations will be marked out by the Engineer or Designated Agent. This work will be included in the item *HMA, 36A*.

2-foot gravel shoulders shall be placed along all paved segments within 7 calendar days of paving, weather permitting. 23A aggregate shall be used for the gravel shoulders, to be paid for as *Shoulder, CI II*. All gravel shoulders shall be blended in with the existing back of shoulder or ditch

for proper drainage. Shouldering must be completed on a road segment before payment will be issued for any work at that location.

Any monument boxes located within the paving limits shall be raised with adjustment rings supplied by Calhoun County Road Department. The contractor will be responsible for placing the adjustment ring over the monument box prior to paving. The cost associated with this will be considered incidental to construction.

Approximately 1,500-feet of B Drive S between M-66 and 6 Mile Rd will have the existing HMA surface milled down to a 2% crown prior to paving. This work shall be paid for as *Cold Milling HMA Surface*.

SURFACING ITEMS

Items of work are to be placed as directed by the Engineer or Designated Agent.

| | |
|---------------------------------|-------------|
| HMA, 36A | 22,376 Tons |
| Pavt for Butt Joints, Rem | 7,875 Syd |
| Shoulder, CI II | 8,986 Tons |
| Cold Milling HMA Surface | 3,667 Syd |

MAINTENANCE OF TRAFFIC

Maintain traffic in accordance with the special provision for traffic control and as directed by the Engineer or Designated Agent.

| | |
|----------------------|--------|
| Traffic Control..... | 1 LSUM |
|----------------------|--------|

Project Locations & Estimated Quantities

| Township | Road | Limits | | Treatment | Estimated HMA Tonnage | Estimated Shoulder Tonnage |
|-------------------|--------------------------|----------------|----------------|-------------------------------|-----------------------|----------------------------|
| Albion | B Drive S | 29 1/2 Mile Rd | 30 Mile Rd | 1.5" Overlay | 582 | 250 |
| Athens/Burlington | 6 Mile Rd | N Drive S | River | 1.5" Skip Pave | 937 | 401 |
| Bedford | Halbert Rd | Collier | M-37 | 1.5" Overlay | 1,554 | 666 |
| Bedford | Waubascon Rd | Morgan Rd | Jones Rd | 1.5" Skip Pave | 660 | 283 |
| Clarence | 26 1/2 Mile Rd | V Drive N | U Drive N | 1.5" Overlay | 548 | 235 |
| Clarence | 27 Mile Rd | L Drive N | Q Drive N | 1.5" Skip Pave | 532 | 228 |
| Clarence | M Drive N | Hatch Rd | 26 Mile Rd | 1.5" Skip Pave | 532 | 228 |
| Clarendon | 18 1/2 Mile Rd | Bridge | T Drive S | 1.5" Skip Pave | 1,417 | 607 |
| Clarendon | 22 Mile Rd | M-60 | L Drive S | 1.5" Skip Pave | 1,228 | 526 |
| Convis | R Drive N | 13 Mile Rd | 14 Mile Rd | 2.5" Overlay | 1,648 | 424 |
| Eckford | 18 1/2 Mile Rd | B Drive S | Twp Line | 1.5" Skip Pave | 1,099 | 471 |
| Eckford | 22 Mile Rd | Division Drive | F Drive S | 1.5" Overlay | 1,167 | 500 |
| Fredonia | 15 1/2 Mile Rd | C Drive S | B Drive S | 1.5" Overlay | 760 | 326 |
| Lee | V Drive N | 21 Mile Rd | 20 Mile Rd | 1.5" Skip Pave | 799 | 342 |
| Lee | N Drive N | 18 Mile Rd | 20 1/2 Mile Rd | 1.5" Skip Pave | 643 | 276 |
| Lee | 23 Mile Rd | V Drive N | T Drive N | Combination 1.5" & 3" Overlay | 1,317 | 486 |
| Leroy | B Drive S | 6 Mile Rd | M-66 | Mill and 1.5" Overlay | 318 | 136 |
| Leroy | Carver Rd | A Drive S | City Limits | 1.5" Skip Pave | 102 | 44 |
| Leroy | B Drive S | B Drive S | 3 Mile Rd | 1.5" Overlay | 411 | 176 |
| Marengo | 19 Mile Rd | Partello Rd | G Drive N | 2.0" Overlay | 1,014 | 326 |
| Marengo | I Drive N | 18 Mile Rd | 19 Mile Rd | 1.5" Overlay | 296 | 127 |
| Marengo | Division Drive | Homer Rd | 22 Mile Rd | 1.5" Overlay | 957 | 410 |
| Marshall | 16 1/2 Mile Rd/G Drive N | S of J Drive N | Old 27 | 1.5" Skip Pave | 956 | 410 |
| Pennfield | Pine Lake Rd | Bellevue Rd | Chippewa Trail | 1.5" Skip Pave | 519 | 223 |
| Pennfield | Pony Ave | Clarence Blvd | Clarence Blvd | 2.0" Overlay | 1,242 | 399 |
| Sheridan | C Drive N | 28 1/2 Mile Rd | 29 Mile Rd | 1.5" Overlay | 495 | 212 |
| Sheridan | H Drive N | 26 Mile Rd | 28 Mile Rd | 1.5" Skip Pave | 641 | 275 |

CALHOUN COUNTY ROAD DEPARTMENT

SPECIAL PROVISION
FOR
TRAFFIC CONTROL

CCRD: SRC

1 of 1

02-25-19

a. Description. Traffic maintenance during construction shall be in accordance with Section 104.11 and section 812 of the Michigan Department of Transportation 2012 Standard Specifications for Construction. All signs, barricades, and other traffic control devices shall be in accordance with the 2011 Michigan Manual of Uniform Traffic Control Devices (MMUTCD).

No work will be allowed on Sundays or holidays and all work must be performed during the daylight hours, unless otherwise approved by the Engineer.

b. Construction Influence Area. The Construction Influence Area (CIA) shall consist of the project right of way five-hundred (500) feet in all directions.

c. Traffic Control Devices and Restrictions. All traffic control devices and their usage must conform to Part 6 of the MMUTCD. The Contractor must review, adjust, and maintain all traffic control devices on a daily basis or as directed by the Engineer. The Contractor must notify the Engineer at least twenty-four (24) hours in advance of erecting construction zone signing. Access to all businesses and residences must be maintained at all times and work must be coordinated with the Engineer.

The Contractor shall furnish, erect, maintain, and upon completion of the work, remove all traffic control devices and barricade lights within the Construction Influence Area (CIA) for the safety and protection of local traffic. This includes, but is not limited to, advance, regulatory, and warning signs, barricades, channeling devices and all other traffic control devices required to maintain traffic. Traffic regulators and type NR temporary tape, where required by the Engineer, are included.

Traffic Regulators are required during paving operations, shouldering operations, and any time a lane closure used.

The Contractor is responsible for reviewing the adequacy and condition of all traffic control devices at least once per day for the duration of the project. Replacement and repair of the traffic control devices will be restricted to daylight hours. All signs damaged as a result of the Contractor's operations must be replaced by the Contractor at their expense.

d. Measurement and Payment. The item of "Traffic Control" will be paid for as a Lump Sum for all work specified herein.

Payments will be made as work progresses based on the percentage of work that has been completed. The final 25% of the lump sum will be withheld until all work has been completed and approved by the Engineer.

Pay Item

Pay Unit

Traffic Control.....LSUM

Appendix A: Bid Security Requirements & Bid Forms

Bid Security

Bid security shall be made payable to the Calhoun County Road Department in an amount equal to 5% of the total bid. The bid security can be cash, certified check, or a bid bond issued by a surety.

The bid security of the successful low bidder will be retained by the Calhoun County Road Department until a contract is executed. The bid security shall be returned to the successful low bidder within ten (10) business days of the date the contract is executed.

The successful low bidder's bid security will be forfeited if the Calhoun County Road Department and the successful low bidder fail to reach agreement on a progress schedule or if the low bidder fails to return an executed contract to the Calhoun County Road Department within ten (10) business days of receiving notice of award.

The bid security of other bidders shall be returned within ten (10) business days of the bid opening.

Schedule of Items (Itemized Bid Sheet)

Letting Date: Wednesday, March 20, 2019 12:00 PM

Contract ID: 2019 HMA Paving
Location:
Description: HMA resurfacing at various locations

| | |
|--|--|
| Project Number: 2019 HMA Paving | Project Engineer: Skylar Cudney |
| Estimate Number: 1 | Date Created: 2/20/2019 |
| Project Type: Resurfacing | Fed/State #: |
| Location: County Wide | Fed Item: |
| | Control Section: |

Description: HMA resurfacing at various locations

Instructions to Bidders: IMPORTANT NOTICE:
If the proposal establishes a maximum price for any of the following work items, and if you bid a price higher than that maximum price, your bid will be considered to have quoted the maximum price and your bid total will be adjusted to reflect that maximum price.

If the proposal provides a specified price for any of the following work items, and if you bid a price higher or lower than that specified price, your bid will be adjusted to reflect that specified price.

If your bid is the lowest accepted bid, and if you refuse to accept the award of the contract due to the change in what you quoted as a maximum or specified price, you will forfeit your proposal guaranty.

| Pay Item | Description | Quantity | Units | Unit Price | | Bid Amount | | |
|-------------------|---------------------------|----------|-------|------------|-----|------------|-----|--|
| | | | | Dollars | Cts | Dollars | Cts | |
| 3070121 | Shoulder, CI II | 8,986 | Ton | | | | | |
| 5010002 | Cold Milling HMA Surface | 3,667 | Syd | | | | | |
| 5010008 | Pavt for Butt Joints, Rem | 7,875 | Syd | | | | | |
| 5010034 | HMA, 36A | 22,376 | Ton | | | | | |
| 8127051 | _ Traffic Control | 1 | LSUM | | | | | |
| Total Bid: | | | | | | | | |

Contractor: _____

(Signature)

(Date)