

**Manistee County Road Commission
2018 Processed Road Gravel
Specifications and Bid Form**

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**SEALED PROPOSALS (BIDS) WILL BE RECEIVED UNTIL 3:00 PM, EDT, FRIDAY,
FEBRUARY 23, 2018**

Board of County Road Commissioners of the County of Manistee, 8946 Chippewa Highway, Bear Lake, Michigan 49614

BID INFORMATION:

The Manistee County Road Commission (MCRC) is soliciting bids for the production of processed road gravel at pits owned by the MCRC, and the MCRC intends to use the gravel for construction projects, road re-graveling projects, and road maintenance in year 2018 and in future years.

MCRC PIT LOCATION(S):

Read Road Pit located on Read Road, west of Viaduct Road in section 23 of Cleon Township, Manistee County. The MCRC owned parcel is approximately 49.42 acres in size. **Refer to the attached Certificate of Survey.**

Note: Elmer's Crane and Dozer, Inc. produced 45,220 tons of road gravel (22,615 tons of 22A modified gravel and 22,605 tons of 23A modified gravel) at the pit for the MCRC in Year 2016.

GRAVEL PRODUCTION EQUIPMENT REQUIREMENTS:

The bidders (Contractors) must possess and utilize functioning belt conveyor scales at all times during their gravel production.

All belt conveyor scales shall conform to the requirements of the Weights and Measures Act of 1964 (Act No. 283, Public Acts of 1964, as amended).

Aggregate production for which quantities are to be measured utilizing belt scales **shall be run over two (2) belt scales**, one feeding directly onto the other, to provide a check or verification of quantity.

Belt scales shall be capable of providing a print out of quantities weighed or the Contractor shall provide time stamped photographs of the belt scale read outs at the completion of each days run of material and/or at each stop of production throughout the day.

Belt scales shall be calibrated to a State certified platform scale. If at any time the discrepancy between the two belt scales exceeds fifteen (15) tons, production shall be halted and the scales recalibrated.

The Contractor shall be responsible for all moving permits.

PIT MANAGEMENT:

The MCRC is concerned with the proper use of its current mineral deposits. Every year, increased regulations make it more difficult to locate and open new sources for aggregate production. Bidders are instructed to include a proposed "Pit Management Plan" in their proposal for each pit location owned by the MCRC that they are quoting on.

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The Plan shall include a sketch that shows the approximate locations of the proposed mining and stockpiling within the pit.

In addition to the sketch, the MCRC requires the proposed bid to show the determining factors in achieving the best pit management for the MCRC.

If it is necessary to screen sand or relocate material within the pit property, then that material needs to be placed or relocated in coordination with the MCRC Manager and/or other designated MCRC representative.

This Pit Management Plan will be considered in the selection of the Contractor and may be a determining factor in the selection.

STOCKPILING OF MATERIALS:

The MCRC requires that the method of stockpiling used shall achieve maximum uniformity. The Bidder shall submit a "Stockpile Plan" with their proposal, and the Plan at a minimum shall include methods of stockpiling (including equipment used), and proposed techniques for minimizing material segregation.

The new stockpiles that are produced from the gravel production must be constructed at locations that are completely separate from other existing stockpiles that may be located at the gravel pit.

Stockpiles that appear to be segregated will be rejected on visual inspection.

Note:

The Contractor shall contact the MCRC and meet with the MCRC at the site to stakeout the proposed stockpile locations and limits a minimum of ten (10) business days in advance of the Contractor's mobilization to the site. After the Contractor grades and prepares the bases for the gravel stockpiles, they shall contact the MCRC and provide them with a minimum of five (5) business days for the MCRC to have the topographic cross-section surveys completed for the stockpile base(s).

SPECIAL REQUIREMENTS BASED ON THE MCRC SPECIAL USE PERMIT FROM CLEON TOWNSHIP:

The MCRC has a Special Use Permit from Cleon Township for a gravel pit-mining operation at the Read Road Pit location and the following key stipulations (requirements) need to be met as a part of the gravel production:

1. The top edge of the open pit must be a minimum of fifty (50) feet from the side, front, or rear parcel lines of adjoining properties and public road right-of-way lines and the banks must be sloped at a four (4) foot horizontal to one (1) foot vertical drop from these lines.
2. All pits shall have a limited size area of no more than five (5) acres at one time.
3. No pit shall go to a depth as to where it would contaminate the water table.
4. Hours of pit operations are limited to 7:00 AM to 7:00 PM.

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MATERIAL SPECIFICATIONS:

The materials shall meet the requirements of 23A aggregates in accordance with Section 902 of the Michigan Department of Transportation (MDOT) 2012 Standard Specifications for Construction for dense graded aggregates except for the following modifications:

1. 23A aggregate shall be modified for the loss by washing to be 8-13% passing the No. 200 sieve with clay

Material passing the No. 200 sieves shall be free of organics, clay lumps, and fine silty sands.

The bids shall include adding clay or sand where required at no additional cost.

Clay to be used in the production of processed gravel is available at the MCRC pit.

The excavation and hauling of the clay or sand (if needed) will be the responsibility of the Contractor and included with the bid unit price.

23A Processed Road Gravel (without modifications) meeting the requirements of Section 902 of the MDOT 2012 Standard Specifications for Construction can be produced as alternates to the modified gravel at the Contractor's discretion, however no change in the bid unit prices will be allowed.

ADVANCE NOTICE REQUIREMENTS:

Prior to moving into the pit, the Contractor shall provide five (5) business days advance notice in writing to the MCRC.

CONTRACTOR DAILY TESTING REQUIREMENTS AND RECORDS (FOR ALL PRODUCTION):

Quality control and quality assurance is the Contractor's responsibility and they shall perform their own tests to insure that they are producing a quality product.

Material testing by a MDOT certified aggregate Technician shall be the responsibility of the Contractor. A copy of the Technician's current certification is to be submitted to MCRC prior to starting production. A copy of test results and sample splits of all tests shall be provided to the Road Commission for verification. Testing frequency shall be consistent with MDOT standard practices, at a minimum, one (1) test shall be conducted each day of production. The technician shall record both belt scale readings, as well as the date and time of sampling for each sample tested.

Moisture content shall be recorded at regular intervals but not less than with each sieve analysis. Adjustments to the final quantity will be made in accordance with the Michigan Department of Transportation (MDOT) 2012 Standard Specifications for Construction Section 109.01.B.2.a.ii for moisture contents exceeding six (6%) percent.

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MCRC TESTING AND ACCEPTANCE:

The MCRC or their Consultant will randomly sample and test the gravel for verification purposes prior to removing gravel from the stockpiles at their discretion.

The Contractor is to furnish equipment as needed to assist the MCRC with sampling the gravel from the stockpile(s) using one of the methods described in the "Michigan Test Method for Sampling Aggregates".

MCRC will determine which method is used and will coordinate the sampling and testing with the Contractor and will provide a minimum of one (1) full working day advance notice to coordinate with the Contractor's equipment and work schedule.

The materials will not be accepted by the MCRC until such time they pass the verification tests performed by the MCRC or their Consultant. Failing tests will result in the material being rejected.

MCRC GRAVEL VOLUME VERIFICATION:

It is the intent of the MCRC to verify the volumes of gravel produced at their discretion using a method of their choice. The MCRC may randomly verify the gravel volumes and accuracy of the conveyor belt scales as the gravel is being produced at their discretion without advance notice to the Contractor.

The Contractor must notify the MCRC one (1) full working day in advance of the final gravel production and at other major suspensions in gravel production so the MCRC can schedule, field verify, and document the belt scale readings for all materials at the end of final gravel production or at the end of major suspensions in gravel production.

The Contractor shall fully cooperate with the MCRC at all times.

COMPLETION DATES:

The 23A Modified Road Gravel shall be produced and stockpiled by the completion dates shown below:

1. A minimum of 7,500 tons must be produced by **June 8, 2018**
2. The remainder of the gravel volume must be produced by **August 10, 2018**

This completion dates are based on the bidder receiving award of the bids by March 16, 2018.

The Contractor must coordinate all gravel production with the MCRC to ensure that the MCRC has adequate gravel volumes at all times for their needs.

It is imperative that the Contractor meet the deadlines provided. If the Contractor fails to meet the deadline(s), the MCRC may terminate the contract to purchase the gravel at their discretion.

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MANISTEE COUNTY ROAD COMMISSION RESPONSIBILITIES:

1. Meet with the Contractor to review the proposed pit locations and gravel stockpile locations.
2. Contracting with a licensed surveyor and coordination of GPS topographical cross-section surveys for the stockpile bases and final stockpiles and engineering calculations for verifying the stockpile quantities when required.
3. Sampling and testing the gravel at the pit for verification purposes only, and coordinating the sampling and testing with the Contractor.
4. Installation of signs at the gravel stockpiles as needed to identify the various types (gradation) of gravel produced.

INSURANCE REQUIREMENTS:

The Contractor shall furnish proof of insurance within ten (10) days upon notification of award of the Contract and prior to beginning any work at the MCRC properties including mobilization to the site and setup work.

The following minimum requirements must be included on the certificate of insurance:

Automobile Liability

Bodily Injury – per person.....	\$500,000.00
Bodily Injury – per accident.....	\$1,000,000.00
Property Damage – per accident.....	\$1,000,000.00
Combined Single Limit.....	\$1,000,000.00

General Liability

Each Occurrence.....	\$1,000,000.00
General Aggregate.....	\$1,000,000.00

Workers Compensation

In accordance with statutory limits

The Contractor shall name the MCRC as additional insured, by name on the certificate of insurance worded as follows:

“The Board of Manistee County Road Commissioners, the Manistee County Road Commission, and their officers, agents, and employees, are named as additional insured parties.”

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MEASUREMENT AND PAYMENT:

The completed work, including all materials, labor, and equipment, as measured, will be paid for at the contract unit price for the following items (pay items), as shown in these bid specifications.

<u>Contract Item</u>	<u>Pay Unit</u>
23A Modified Road Gravel, Furnished.....	Ton

The unit price paid for 23A Modified Road Gravel, Furnished shall be payment in full for processing, furnishing, and stockpiling the gravel of the volumes and at the pit(s) locations shown in these bid specifications, and all other necessary work to complete the gravel production.

Final payment shall be based on the average of the accumulated totals of the two belt scales with adjustments to final quantities due to moisture content exceeding 6% as shown under "Contractor Daily Testing Requirements and Records" on page 3.

In the event of failure of either of the belt scales or the inability to provide the required documentation of both scales, final payment will be based on the unadjusted average end area calculations from measurements of the stockpile by a Licensed Professional Surveyor utilizing a conversion of 3,000 lbs per cubic yard.

Alternatively, the Contractor will have the option of restacking the stockpile over a dual belt scale setup at the Contractor's expense.

The MCRC will not pay the Contractor for the gravel produced until after the MCRC has verified that the gravel meets the specifications, other bid requirements, and meets the volume requested.

Payment for services can be expected within sixty (60) calendar days of the receipt of the final billing from the gravel producer after the MCRC acceptance of the gravel.

SUBMITTALS AND DOCUMENTATION:

The Contractor shall provide all testing results, daily production records, amount of clay hauled to the MCRC prior to receiving payment for any production.

BIDDING INSTRUCTIONS:

Bidders (Contractors) shall submit the entire bid specifications and bid form and the Pit Management Plan(s) and Stockpile Plan(s) in sealed envelopes plainly marked with the bid opening date, time, name of bidder, and materials being bid.

Telephone, faxed, or bids submitted by email will not be accepted.

Failure to provide the following items with the bids will cause rejection of the bids:

1. Pit Management Plans
2. Stockpile Plans

The bidders shall contact Mark Sohlden, MCRC Manager at phone no. 231.889.0000 to schedule and coordinate pre-bid site meetings.

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BID FORM

BIDDER QUOTATION:

<u>Item No.</u>	<u>Pit Name</u>	<u>Type of Material</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>
1.	Read Road	23A Modified	45,000 ton	_____

SCHEDULE:

<u>Task</u>	<u>Begin</u>	<u>Complete</u>
Mobilize/Setup Equipment	_____	_____
Gravel Production	_____	_____

AGREEMENT:

The undersigned has examined the specifications and work described herein, and the work site, and is fully informed as to the nature of the work and the conditions relating to its performance.

The undersigned hereby agrees to furnish all necessary labor, equipment, tools, apparatus and other means of production to complete the work herein described in strict accordance with the requirements of these bid documents.

Company Name: _____

Company Address: _____

City, State, Zip Code: _____

Phone Number: _____

Email Address: _____

Signed By: _____

(Printed Name & Title)

Signature: _____

Date: _____

Item(s) No. _____ are hereby accepted by the Manistee County Road Commission.

Date: _____ By: _____

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The MCRC reserves the right to increase quantities and to be able to reduce quantities by a maximum of 5,000 tons with no change in bid unit prices. Any change in unit prices due to a reduction in quantities beyond 5,000 tons will need to be negotiated between the MCRC and the successful bidder (Contractor) prior to the start of gravel production.

The Board reserves the right to reject any or all proposals, to waive defects, and to accept the bid that in the opinion of the Board is to the best interest of the Board.

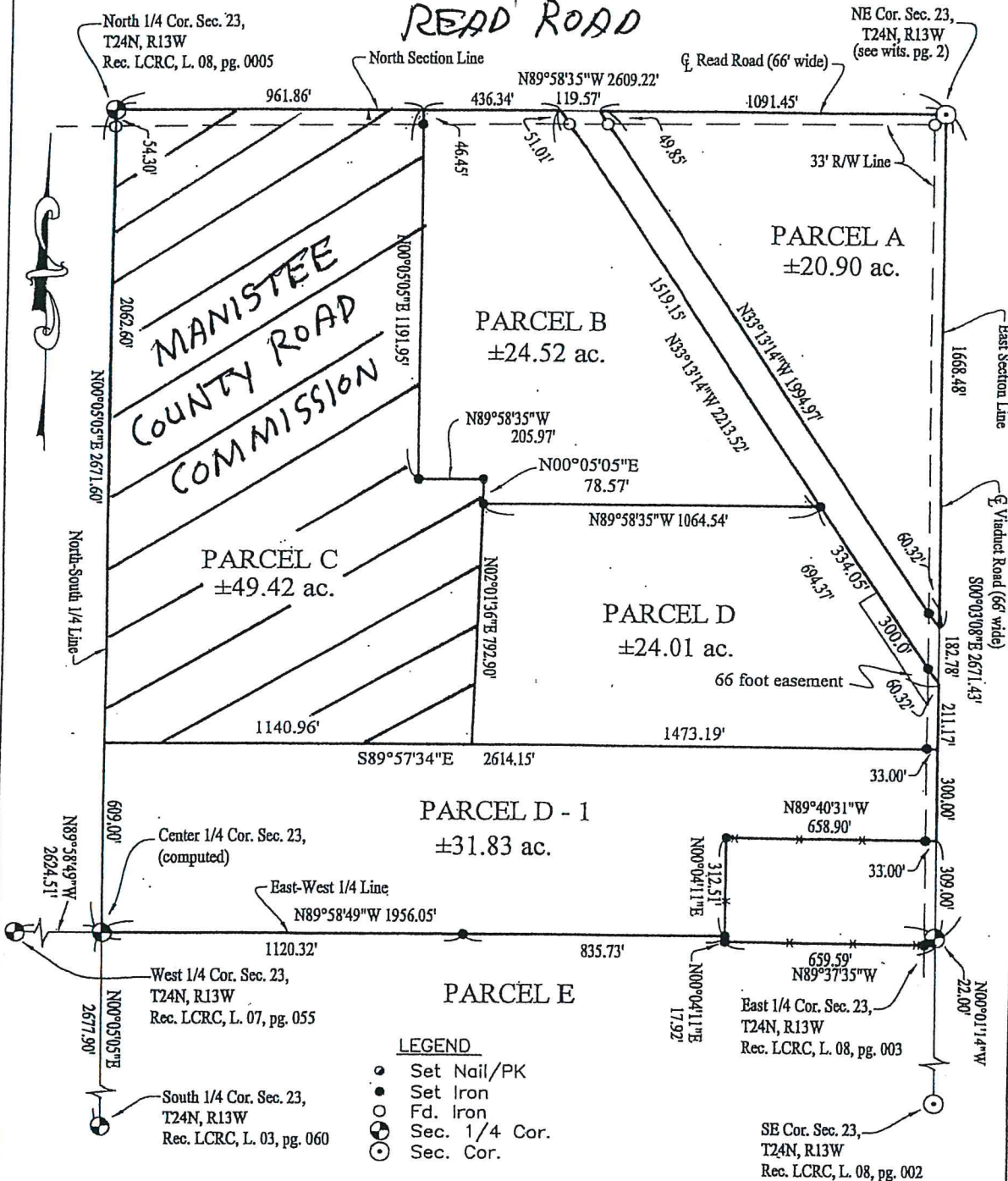
Mutual Extension Clause

These bids, by mutual agreement of both parties, may be extended for additional one-year periods, each year hereafter. Request for contract extensions must be in writing and received by the MCRC prior to bidding work for the following year.

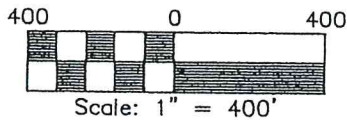
Date: 1/23/18

CERTIFICATE OF SURVEY

READ ROAD



I hereby certify that I have surveyed the parcel of land described, that said survey was performed with a field error of closure "of 1 in 5000 or greater", and that I have fully complied with the requirements of Sec. #3, Act #132, P.A. 1970.



Date: 10-08-2010
 By: [Signature]

Daniel E. Schripsema, RLS No. 24617

3D Three D Surveying & Development, INC., 555 S. Lakeshore Dr. Lake City, MI 49651 (231) 839-5764 Fax (231) 839-6277	DATE: 10/07/10	JOB NO.: 08106	Part of the NE 1/4 Sec. 23, T24N, R13W, Cleon Twp., Manistee Co., Michigan. CLIENT: Mark Laquire
	DRN BY: JDM	NOTES:	
	CHD. BY: DES	FB: 73	
	SHEET 1 OF 4	PG: 41-44	