



**2024 PROPOSAL**

The bidder agrees to furnish and deliver all materials in accordance with the advertisement, information to Bidders, Specifications, and Drawings for the following unit price and terms.

ITEM	UNIT	QTY	13A
#1. State Road from 5 mile to Luther Village Limits		1,100	_____
#2. 2,000 Tons of 13A HMA for County Use			_____
			_____
			_____

The Board of County Road Commission reserves the right to reject any or all bids, waive defects and accept the bid which in their opinion is in the best interest of the County of Lake.

---

Bidder (Company Name) By (Signature)

---

Address Name Printed or Typed

---

City State Title

---

Telephone Date

---

Email

LAKE COUNTY ROAD COMMISSION

SPECIAL PROVISION

FOR

HMA APPLICATION ESTIMATE

P&N: KLM

1 or 1

4-22-2020

- a. **Description.** This work shall be done in accordance with the requirements of Division 5 of the Michigan Department of Transportation 2020 Standard Specifications for Construction except as herein specified.  
**The use of Reclaimed Asphalt Pavement (RAP) shall be limited to Tier 1 (0% to 17%) RAP binder by weight of the total binder in the mixture.**
- b. **Construction Methods.** The Nuclear Gauge Method of testing compaction shall apply for this project. The pavement density will be measured by the Engineer with a Nuclear Density Gauge using the Gmm from the Job Mixture Formula (JMF) for the density control target. The required in place density of the HMA mixture shall be 92.0 – 96.0% of the density control target. The Contractor is responsible for establishing a rolling pattern that will achieve the required in place density.

c. **Materials.**

The Target Air Void percentage shall be 3.0% for all HMA on this project.

HMA, 13A (Identity 1) for Top Course, shall each have a yield of 165 pounds per square yard.

HMA, 13A (Identity 2) for Base Course, shall each have a yield of 165 pounds per square yard.

The Aggregate Wear Index for all top course applications (including HMA Approach for Intersection approaches) shall be a minimum of 220.

The Performance Grade Asphalt Binder Range for the Mixture shall be 58 – 28.

The HMA Bond Coat material shall be per Section 501.03. The uniform rate of application shall be 0.05 to 0.15 per square yard. This is information only and is included in the cost of HMA.

- d. **Measurement and Payment.** Measurement and Payment shall be at the contract unit price for the related items of work.



**2024 PROPOSAL**

The bidder agrees to furnish and deliver all materials in accordance with the advertisement, Information to Bidders, Specifications, and Drawings for the following unit prices and terms.

<u>ITEM</u>	<u>UNIT</u>	<u>QTY</u>	<u>PRICE</u>	<u>AMOUNT</u>
21AA Natural	Ton	2500	_____	_____
22A Road Gravel	Ton	4000	_____	_____
23A Road Gravel	Ton	5000	_____	_____
23A Limestone Shoulder Material	Ton	1000	_____	_____
Trap Rock CS-2	Ton	4000	_____	_____
34CSM Slag	Ton	4000	_____	_____
34CS Natural	Ton	2800	_____	_____
29A Slag	Ton	4000	_____	_____
CS-T	Ton	2800	_____	_____
H1 Blue Stone	Ton	200	_____	_____
<b>TOTAL</b> - - - - -				<b>\$</b> _____

The Board of County Road Commissioners reserves the right to reject any or all bids, waive defects, and accept the bid in part or entirety, which in their opinion, is in the best interests of the County of Lake.

\_\_\_\_\_  
 Bidder (Company Name) By (Signature)

\_\_\_\_\_  
 Address Name Printed or Typed

\_\_\_\_\_  
 City State Zip Title

\_\_\_\_\_  
 Telephone Date

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

