

TOWN OF PLUM LAKE

**EAGLES NEST COURT
2016**

This proposal, submitted by the undersigned bidder to the Town of PLUM LAKE, in accordance with the request for proposal which is to furnish and deliver all materials, and to do and perform all work for the improvement of the project as requested by the Town.

Proposal Submitted by:

Proposal Accepted by:

Company: _____

Town of: _____

Address: _____

Address: _____

Signature: _____

Signature: _____

Date: _____

Date: _____

PROPOSAL REQUIREMENTS AND CONDITIONS

The bidder, signing and submitting this proposal, agrees and declares as a condition thereof, to be bound by the following conditions and requirements.

The bidder declares that they have carefully examined the site of, and the proposal, plans and specifications for the work contemplated, and it is assumed that the bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and quantities of work to be performed and materials to be furnished, and as to the requirements of the specifications, and special provisions. It is mutually agreed that submission of a proposal shall be considered conclusive evidence that the bidder has made such examination.

The bidder declares that they understand that the estimate of quantities in the attached schedule is approximate only and that the attached quantities may be greater or less in accordance with the specifications. The bidder agrees to perform the said work, for and in consideration of the payment of the amount becoming due on account of work performed, according to the unit prices bid in the following schedule, and to accept such amounts in full payment of said work.

The bidder declares that all of the said work will be performed at their own proper cost and expense, that they will furnish all necessary materials, labor, tools, machinery, apparatus, and other means of construction in the manner provided in the applicable specifications and the approved plans for the work and the special provisions of which this proposal will become a part, if and when accepted.

It will be required that the successful bidder furnish a certificate of insurance to the town clerk.

The Town board reserves the right to reject any and all bids, or to accept the bid which is most advantageous to the Town. The Town board reserves the right to add or delete projects from the bid to maintain their budget.

This proposal was written by Pitlik & Wick, Inc. for the Town in response to a bid and or proposal request by the Town. It represents the guidelines and specifications in which Pitlik & Wick, Inc. proposes to do the work requested by the Town. It is not intended to be an official bid form or specification for the Town. The Town or any other entity may use, alter, copy, modify, delete from, add to or subtract from this proposal at their own discretion.

SPECIFICATIONS

Scope of Work. The work under this contract consists of furnishing and placing crushed aggregate base course, rough grading, pulverizing the existing roadway, final grading and compacting of pulverized roadway, hot mix asphalt paving, and shouldering.

The work shall be executed under the requirements of the State of Wisconsin, Department of Transportation, Standard Specifications for Road and Bridge Construction, Edition of 2015, and the special provision specifications attached.

SPECIAL PROVISIONS

1. GENERAL SPECIFICATIONS

The Town is responsible for locating and relocating property boundaries and right of way. The Town is responsible for moving utilities if required. The contractor is responsible for contacting digger's hotline. The contractor is responsible for developing a water supply necessary to complete their work.

The roads and work to be completed have been reviewed with a Town Official prior to bidding, so both parties have a clear understanding of the work to be completed under this proposal.

2. CRUSHED AGGREGATE BASE COURSE (CABC)

Crushed aggregate base course shall meet the gradation requirements of section 304.2.6 of the Wisconsin Standard Specifications for Road and Bridge Construction, Edition of 1996; Gradation # 2 or 1-1/4" CABC from the 2013 Edition. Payment for the crushed aggregate base course will be paid for by the cubic yard based on truck measure. Pay item for crushed aggregate base course includes furnishing, loading, hauling and placing base course on roadway.

Shouldering- This item includes furnishing, hauling and placing crushed aggregate base course shoulders after paving as indicated on bid form. Material furnished shall be a 3/4" or a gradation #2 crushed aggregate base course.

3. PULVERIZING EXISTING ROADWAY

The asphalt pavement shall be pulverized to a minimum depth of 6" or to the full depth of the existing asphalt, whichever is greater. Pulverizing shall be accomplished with a machine specifically designed for pulverizing pavements.

The pulverizing machine shall be self-propelled and equipped with electronic devices which will provide accurate depth, and slope control.

Material will be ground so that 90% of the grindings are two inch minus, and placed in a uniform windrow behind the machine.

Price for pulverizing the roadway shall include payment for shaping, watering, and compacting the pulverized portion of the roadway.

Pulverizing machine shall be capable of pulverizing up to 6" of crushed aggregate base course placed on top of the existing surface prior to pulverizing.

At a minimum "Rough Grading", which includes shaping, watering and vibratory compaction, is to occur simultaneously with the pulverizing operation.

Payment for pulverizing shall be Lump Sum or Per Mile as indicated on the bid form for each road.

4. ASPHALT PAVING

Leveling Interlayer:

Where the project specifications call for placement of a leveling interlayer, the contractor will meet with the Town foreman to discuss where and how the leveling interlayer will be placed. The leveling layer will be of variable thickness and is used to eliminate irregularities in the contour of the existing surface prior to placement of the hot mix asphalt surface.

The leveling interlayer is to be produced with 100% manufactured sand with a nominal maximum size of ½" and the aggregate is to be 100% fractured. The bituminous material used shall be a PG graded 52-34. The asphalt content in the leveling interlayer is to be a minimum of 6.5 %. Allow leveling interlayer to cool adequately prior to commencing work on surface layer to avoid displacement of the leveling interlayer.

All work done for the Town, under the heading of hot mix asphalt paving, shall be done in accordance with the State of Wisconsin Standard Specifications for Road and Bridge Construction, 2010 edition, according to sections 450-460.2.7. with the following modifications. The bituminous material used in the mix shall be a PG graded asphalt with a designation of 52-34. The aggregates used for the mix shall be gradation 12.5 mm. The mix produced shall be a Type SMA. Section 460.2.5 is modified to promote recycling and allow for a maximum allowable percent binder replacement of 50% for both upper and lower layers. The maximum allowable RAS component based on the total weight of the aggregate blend is 10%.

Payment for the hot mix asphalt will be by the ton, for all material delivered and placed. All material will be weighed and a weight ticket shall accompany each load. A mix design will be furnished to the Town upon request prior to beginning the paving operations. The Town has the right to approve the final grade of the roadway prior to the paving operation for conformance to proper slope and grade requirements.

SMA Alternate: High Asphalt Content Thin Lift Overlay:

As an alternate Contractor may submit an approved equal that meets the following provisions.

All Hot mix or Warm mix asphalt surface shall be produced with 100% crushed stone or manufactured sand. All stone particles shall be 100% fractured faces with ½" maximum aggregate size. No natural sand is allowed.

All High Asphalt Content Thin Lift Overlay shall be produced with a minimum asphalt content of 6.7% by weight of mix. Liquid asphalt furnished shall be a PG 52-34 designation. Mix design and production air void content shall be modified to be between 2.0 % to 2.5 % with a Superpave gyration level for design of 40. The Hot mix asphalt shall not contain recycled hot mix asphalt (RAP).

5. TACK COAT

Tack Coat:

Tack coat is required. Apply Tack coat to all layers including existing blacktop, chipseal or milled surfaces according to the State of Wisconsin Standard Specifications for Road and Bridge Construction, 2014 edition according to section 455. Tack coat will be used on old pavement before applying leveling interlayer or applying SMA overlay directly on old pavement.

6. CONSTRUCT PAVED PRIVATE ENTRANCES

This bid item is for reconstructing private entrances that are paved along the length of the project. Work incidental to this item includes removing the existing pavement, preparing and compacting the underlying base, and the labor and equipment for paving the area with 2" hot mix asphalt. *The contractor in concurrence with the Town Foreman will determine the limits of removal and replacement.*

Hot mix asphalt used in this bid item will be paid for as part of the roadway tonnage under the item for Type E 1 Hot Mix Asphalt.

Saw cuts to create pavement butt joints will be paid for separately under the item for saw cuts.

7. CONSTRUCT PRIVATE ENTRANCES- ROAD GRAVEL OR RED ROTTEN GRANITE

This bid item is for reconstructing private entrances that are unpaved along the length of the project. Work incidental to this item includes the labor and equipment necessary to spread, grade and compact base course or

red granite to blend the new road height with the existing private entrance grade.

Base course used in this bid item will be paid for by the cubic yard under the item road gravel and rotten red granite used to match driveways will be billed for per ton as a separate item.

8. SAW CUTS

This section describes full depth sawing of existing asphaltic pavement. The contractor is required to make straight saw cuts at least 2" deep. This is a Lump Sum bid item and includes private entrances, intersections and butt joints at the beginning and end of the project. The contractor is responsible for determining the quantity or actual lineal feet of saw cuts prior to the bid and to convert this cost to a Lump Sum bid price.

9. WORK PROGRESS

Construction under this proposal is to be completed by _____

SCHEDULE OF PRICES

PROJECT: TOWN OF PLUM LAKE

SITE: EAGLES NEST COURT – OFF OF CTH N –START AT CTH N TO END OF ROAD.

TOTAL LENGTH: 1,675' + 65' DIAMETER CUL DE SAC. = 0.33 MILES

ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT BID PRICE \$	TOTAL \$
STRIP SHOULDERS & HAUL OUT SOD, GRASS, ETC. FROM SHOULDERS, 26' WIDE.	LUMP SUM	1		
FURNISH, LOAD, HAUL, PLACE AND ROUGH GRADE 3" TOTAL COMPACTED THICKNESS CRUSHED AGGREGATE BASE COURSE, ENTIRE ROADWAY, TRUCK MEASURE. 26' WIDE.	CUBIC YARDS	545		
PULVERIZE EXISTING ROADWAY WITH ADDED BASE COURSE, FULL WIDTH AND DEPTH.	LUMP SUM	1		
FINAL GRADE, SHAPE, WATER AND COMPACT ROADWAY, 26' WIDE.	LUMP SUM	1		
FURNISH, HAUL, PLACE AND COMPACT A TYPE E1 HOT MIX ASPHALT SURFACE WITH PG 52-34 ASPHALT CEMENT. 20' WIDE X 2-1/4" AVERAGE COMPACTED THICKNESS. WIDEN CORNERS AND INSTALL 6" APRONS ON UNPAVED DRIVEWAY ENTRANCES.	TONS	530		
CONSTRUCT PAVED PRIVATE ENTRANCES	EACH	3		
CONSTRUCT UNPAVED PRIVATE ENTRANCES, GRAVEL, THIS WORK IS TO BE COMPLETED DURING FINAL GRADING.	EACH	7		
CONTRACTOR IS TO FURNISH, LOAD, HAUL, PLACE AND COMPACT SHOULDER GRAVEL ON ROADWAY. 2' WIDE WITH 1' TAPER, TRUCK MEASURE	CUBIC YARDS	100		
			TOTAL BID \$	