HARRY HAGSTROM, CHAIRMAN
HAROLD FALAN, VICE-CHAIRMAN
DEAN JURIK, MEMBER
JIM LEGGETT, MEMBER
ROBERT HILTY, MEMBER

85 WEST HIGHWAY M-115
BOON, MICHIGAN 49618
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WEXFORD COUNTY ROAD COMMISSION

OUR MISSION IS TO IMPROVE AND MAINTAIN A SAFE AND EFFICIENT ROAD SYSTEM

June 5, 2023

NOTICE TO CONTRACTORS

Sealed bids will be received at the office of the Wexford County Road Commission, 85 West Highway M-115, Boon, Michigan 49618 until 10:00 a.m. Thursday, June 15th, 2023, at which time and place the bids will be opened and read for furnishing the Wexford County Road Commission for construction of the following:

INSTALLATION OF 24" CONCRETE STORM DRAIN
REPLACEMENT AND ABANDONMENT OF EXISTING

Installation of 325 Lft of 24"Class IV RCP Storm Pipe, and Abandon Existing 30" CMP/RCP
Wexford County, Haring Township, Section 27

Specifications are available at the Road Commission office in Boon, Michigan, or located on the Wexford County Road Commission web site. www.wexfordcrc.org Telephone, emailed, or faxed bids will not be accepted.

All materials and work will be in accordance with the 2012 MDOT Standard Specifications for Construction. Insurance requirements shall be in accordance with the 2012 MDOT Standard Specifications for Construction. Award is contingent upon Board approval.

The Wexford County Road Commission, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Sub-Title A, Office the Secretary, Part 21, Nondiscrimination in Federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contact entered into pursuant to this advertisement, minority 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 race, color, or national origin in consideration for an award.

The Board reserves the right to reject any or all bids or any part of the same, to waive irregularities and/or informalities and to make the award in part or entirety in any manner deemed to be in the best interest of the Wexford County Road Commission.

Wexford County Road Commission

Harry Hagstrom, Chairman
Harold Falan, Vice-Chairman
Dean Jurik, Member
Jim Leggett, Member
Robert Hilty, Member

13th Street/WMISD
Culvert Replacement and Abandonment Proposal

Project Location:

Installation of 325 Lft of 24" Class IV Reinforced Concrete Pipe, Culvert Replacement, 13th Street, Haring Township, Section 27, Wexford County, Michigan.

Description of Work:

The work of this contract involves labor and equipment only to install 325 Lft of new 24" RCP storm drain. WCRC has purchased the pipe directly from Norther Concrete Pipe and will have delivered to the project. This project also involves providing and setting 2 new manholes, curb and gutter removal and replacement, HMA surface remove and replace, along with abandonment of the existing storm pipe.

- Due to the bottom of the existing structure being rotted out, the old pipe will be abandoned in place. Abandonment of the pipe will include bulkheading the pipe at both ends with concrete and filling with flowable fill grout. The east end of the existing pipe appears to be 36" RCP and will be removed where outside of the curb line.
- New pipe is going to be 24" RCP. Grade elevations are unknown at this time. There is an 18" RCP storm to connect to the new manhole. The 18" RCP inletting from the north will determine the grades. The invert cannot be determined without excavation of the Wexford/Missaukee ISD drive approach. Excavation of the approach cannot be performed until school is in summer recess. **Invert grades and pipe slope to be determined in field and approved by the Engineer prior to construction.** Installation of a new concrete manhole to connect to existing concrete pipe at west end of project.
- Concrete manholes will be 48" diameter, most likely will need to be a "doghouse" type built on a concrete cookie. Both manholes will have new covers. **Invert grades to be determined in field and approved by Engineer prior to construction.**
- There will be a portion of curb and gutter to remove and replace, along with HMA surface to remove and repave.
- Ditching to re-direct water flow to the inlet will be required, along with regrading the slope where the existing 36" RCP was removed.

Wexford County Road Commission has purchased the 24" RCP directly from Northern Concrete Pipe and will have delivered at time scheduled by chosen contractor. The contractor is providing labor and equipment to install the pipe and end section.

Some work items will be paid for as separate pay items due to high unit cost. All other work to complete this project will be included in a lump sum pay item, including traffic control.

All work, including restoration and traffic control shall be included in this project. The contractor will be responsible for all items of work listed in the Bid Proposal and shown in the plans. A list of pay items are attached to this proposal. The quantities are estimated based on field findings and

measurements. The contractor will provide traffic control. The contractor is responsible for proper signage per MMUTCD guidelines and to maintain safe a construction area.

Construction Notes:

There are multiple existing utilities in the work area. This includes 3 phase electric, 2 fiber optic cables, 3" poly gas main, and phone line.

WCRC has provided a sketch with approximate locations and quantities of work for this project. Grades for pipe and manhole elevations will be determined in the field after exposing existing conditions and must be approved by the Engineer prior to any construction.

Wexford/Missaukee ISD has irrigation in the work area. WCRC will require time to coordinate the temporary removal or relocation of irrigation.

Existing utility location is based on MissDig information and does not guarantee accuracy.

The following items are being provided for information only and are **estimated quantities**:

Culvert Rem, >24"	50 Ft	
Embankment, CIP	15 Cyd	
Bulkhead Pipe	3 Ea	
Flowable Fill, Non-Structural	95 Cyds	
48" Concrete Manhole	2 Ea	
Casting Type B w/frame	2 Ea	
24" CL IV RCP pipe	325 Ft	(material provided by WCRC)
24" Concrete End Section	1 Ea	(material provided by WCRC)
Ditching to Realign Inlet	75 Lft	
Connect to Existing Sewer	2 Ea	
Curb Remove	100 Ft	
HMA Surface Rem	215 Syds	
Structure Backfill, CIP	5 Cyds	
Aggregate Base, CIP	10 Ton	
F4 Modified Conc Curb & Gutter	100 Ft	
4E1 HMA	57 Ton	
Topsoil, seed, and mulch		
misc brick, block & mortar		
Traffic Control, Shoulder Closure	1 Ea	

*HMA to be 4E1 placed in 2 lifts at a rate of 220 Lbs/Syd each lift. Bond coat required if wearing course and leveling course are not paved the same day. Bond coat, if needed, to be applied at a rate of 0.05 to 0.15 gal/syd.

Project Schedule:

The timing of this project is critical. WCRC has placed a temporary repair on the failed section of pipe to buy some time. The Wexford/Missaukee ISD School has asked WCRC to postpone the work until after the end of the school year to minimize disruption to traffic using the entrance.

School is scheduled to recess for summer on June 8th. No work is to be performed prior to June 8th, unless the existing pipe fails, requiring an emergency replacement.

Measurement and Payment:

Wexford County Road Commission has purchased the 24" CL IV concrete pipe directly.

Some work items will be paid for as separate pay items due to high unit cost (see bid tab). All other equipment, materials, and work to complete this project will be included in a lump sum pay item, including traffic control.

Insurance Requirements:

Insurance: Requirements as per MDOT 2012 Standard Specifications for Construction.

Workmanship:

All materials and work will be in accordance with the 2012 MDOT Standard Specifications for Construction.

13th Street/WMISD
Culvert Replacement and Abandonment Bid Tab

Wexford County, Michigan.

All of the work herein specified will be paid for and included in the following pay items:

Items of Work	Qty	Unit Price	Extended Price
24" RCP Installation Only	325 Ft	_____	_____
48" Concrete Manhole	2 Ea	_____	_____
Dr Structure Casting, Type B	2 Ea	_____	_____
Flowable Fill, Non-Structural	95 Cyds	_____	_____
HMA, 4E1	57 Ton	_____	_____
Curb, Conc, Det F4, Modified	100 Ft	_____	_____
*All other material and labor to complete the connection of pipe and manholes, ditching, and restoration, including traffic control and mobilization.	1 LS		_____
	TOTAL BID AMOUNT =		_____

Company Name_____

Address_____

By (Name and Title) _____

Authorized Signature_____

Date_____

SPECIAL PROVISION

FOR

MAINTAINING TRAFFIC

KFH / WCRC *1 of 2* *8-11-18*

Description:

This work shall consist of all labor, materials, and equipment required to maintain traffic as specified herein.

General:

Traffic shall be maintained in accordance with Section 103.05, 103.06, and 812 of the 2012 MDOT Standard Specifications for Construction, including any supplemental specifications, and as herein specified. All traffic control devices and their usage shall comply with the 2010 edition of the Michigan Manual of Uniform Traffic Control Devices (MMUTCD).

The Contractor shall submit a written plan for maintaining traffic prior to beginning work, and subsequent updates of the plan to the Engineer for approval prior to putting changes into effect. The information shall note the traffic control devices and their placement, the location of flag persons, and intermediate flag persons as necessary. The maximum length of a flag control sequence shall be two miles with only one flag control sequence allowed at a time. Flag persons shall be equipped with two-way radios and a warning garment that is both fluorescent orange and reflectorized. Flag persons shall be used at crossroads or other traffic generators within the lane closure as directed by the Engineer.

SPECIAL PROVISION
FOR
MAINTAINING TRAFFIC

KFH / WCRC *2 of 2* *8-11-17*

Traffic Restrictions:

All work shall be confined to daylight hours. No work shall be permitted on Sundays, holidays, holiday weekends, or during special events. All lanes of traffic shall be open at the end of each working day if constructing partial width. A minimum of one lane of traffic shall be maintained at all times, except where noted in the plans or if road is closed completely. Current MDOT signing sequences shall be utilized for the operation being performed. Commercial and residential driveways shall remain accessible at all times.

Measurement and Payment:

The completed work for Traffic Control, including all labor, materials, and equipment as required, shall include, but not be limited to, the following items as described in the 2012 MDOT Standard Specifications for Construction:

Flag Control
Minor Traffic Devices
Sign, Type B, Temporary
Lighted Arrow, Type A
Sign Covers

These items will not be paid for separately, but will be included in and paid for at the unit price for each culvert location contract pay item:

Pay Item	Unit
Included in Lump Sum Materials/Labor	*LSUM*