

**GOGEBIC COUNTY ROAD COMMISSION
2020 BID FORM – Culvert Replacements**

ESTIMATED REQUIREMENTS STEEL AND CONCRETE CULVERT MATERIAL

The Board of County Road Commissioners of Gogebic County, State of Michigan, at its office in the Courthouse annex, City of Bessemer, will receive sealed bids until **10:00 a.m. CST on Friday, March 20, 2020** for the materials listed.

Concrete Pipe:

All culverts shall conform to Michigan Department of Transportation 2012 Specifications. Pipe segments shall include Gasket Joints, lifting holes and plugs where applicable. Price also shall include fabric for wrapping culvert joints. The exterior 2 pipe joints shall be tied together with 1” diameter A325 or G35 Galvanized A36 Steel Assembly brackets – 2 ties per joint (8 total joint ties). Concrete pipes shall be tied together per the typical detail.

Metal Pipe:

** All pipe shall meet or exceed MDOT Specifications for Class A & Class B pipe

** Bid shall be for spiral ribbed aluminized T2 steel culverts

** Supplier and/or fabricator shall provide Certification of material that meets MDOT requirements for Class A and Class B culverts

** Supplier and/or fabricator shall provide Certification for Source of Steel and Iron (Buy America) Special Provision 12SP105A

Concrete Culverts include the following:

Project Location	Culvert Size	Length	Depth of Cover (to CL of Rd)
Lake Road: L32	Cl B, Conc, 30 inch	88 feet	~15 feet
Lake Road: L31	Cl B, Conc, 36 inch	80 feet	~12 feet
Lake Road: L30	Cl B, Conc, 36 inch	88 feet	~13 feet
Stagecoach Road	Cl B, Conc, 48 inch	84 feet	~12 feet
River Street	Reinf Conc Ellip, HE Cl IV, 38 inch by 60 inch	48 feet	~2 feet

Metal Culverts include the following:

SIZE	GAUGE	MANUFACTURER	LIN. Ft. (ESTIMATED QTY)	PRICE PER FOOT	BANDS (ESTIMATED QTY)	BAND LENGTH	PRICE PER BAND	TOTAL PRICE
18" Round	14		100 ft (20' sections)		4			
18" Round	14		90 ft (30' sections)					
24" Round	14		80 ft (20' sections)		7			
24" Round	14		270 ft (30' sections)					
24" Arch	14		20 ft (20' sections)		1			
24" Arch	14		30 ft (30' sections)					
36" Round	14		40 ft (20' sections)		2			
36" Round	14		30 ft (30' sections)					

All concrete culvert materials price shall be F.O.B. to culvert project locations on Lake Road (from ~2 to ~2.5 miles west of Oman's Creek bridge) in Ironwood Township, Stagecoach Road (~0.5 mile south of East Shore Road) in Marenisco Township and River Street (~0.05 mile north of Kimberly Road) in Marenisco Township. GCRC will stake out culvert locations for delivery.

All metal culvert materials price shall include delivery to the Bessemer Garage – Gogebic County Road Commission.

Schedule for culvert delivery: Metal and concrete pipe culverts: **June 1, 2020**

Bid Schedule:

A) LAKE ROAD: L32 (Ironwood Township)

ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	BID AMOUNT
Culv, CI B, Conc, 30 inch	88	Lft	_____	_____
TOTAL BID – L32				_____

B) LAKE ROAD: L31 (Ironwood Township)

ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	BID AMOUNT
Culv, CI B, Conc, 36 inch	80	Lft	_____	_____
TOTAL BID – L31				_____

C) LAKE ROAD: L30 (Ironwood Township)

ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	BID AMOUNT
Culv, CI B, Conc, 36 inch	88	Lft	_____	_____
TOTAL BID – L30				_____

D) STAGECOACH ROAD (Marenisco Township)

ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	BID AMOUNT
Culv, CI B, Conc, 48 inch	84	Lft	_____	_____
TOTAL BID – Stagecoach Road				_____

E) RIVER STREET (Marenisco Township)

<u>ITEM DESCRIPTION</u>	<u>APPROX. QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>BID AMOUNT</u>
Culv, Reinf Conc Ellip, HI CI IV, 38 inch x 60 inch	48	Lft	_____	_____
TOTAL BID – River Street				_____

F) 18” ROUND: Aluminized T2 Steel Culvert

<u>ITEM DESCRIPTION</u>	<u>APPROX. QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>BID AMOUNT</u>
20’ Length Culverts	100	Lft	_____	_____
30’ Length Culverts	90	Lft	_____	_____
Bands	4	Each	_____	_____
TOTAL BID – 18” Round				_____

G) 24” ROUND: Aluminized T2 Steel Culvert

<u>ITEM DESCRIPTION</u>	<u>APPROX. QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>BID AMOUNT</u>
20’ Length Culverts	80	Lft	_____	_____
30’ Length Culverts	270	Lft	_____	_____
Bands	7	Each	_____	_____
TOTAL BID – 24” Round				_____

H) 24" ARCH: Aluminized T2 Steel Culvert

ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	BID AMOUNT
20' Length Culverts	20	Lft	_____	_____
30' Length Culverts	30	Lft	_____	_____
Bands	1	Each	_____	_____
TOTAL BID – 24" Arch				_____

I) 36" ROUND: Aluminized T2 Steel Culvert

ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	BID AMOUNT
20' Length Culverts	40	Lft	_____	_____
30' Length Culverts	30	Lft	_____	_____
Bands	2	Each	_____	_____
TOTAL BID – 36" Round				_____

TOTAL BID (ALL CULVERT PROJECTS) ITEMS A – I _____

Bids are to be submitted in separate envelopes and plainly marked on the outside of the envelope what bid item is enclosed. The Board will accept a fax bid at (906) 663-4807 provided it is followed by receipt of the original signed bid by mail.

The Board reserves the right to reject or accept any or all bids or to waive irregularities and to accept any bid that, in the opinion of the Board, is to the best interest and advantage of the County of Gogebic.

COMPANY _____

TOTAL BID \$ _____

TERMS _____

SIGNED BY: _____

DATE _____