

MUNICIPALITY OF ANCHORAGE PURCHASING DEPARTMENT

PHONE (907) 343-4590 P.O. Box 196650 ANCHORAGE, ALASKA 99519-6650

DATE OF INVITATION 4/13/2023	TIME AND DATE OF OPENING 3:00 PM Local Time, May 3, 2023
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ADDENDUM No. 2

TO INVITATION TO BID No. 2023C016

DATE ISSUED: April 25, 2023

TITLE: 100th Ave Surface Rehabilitation- Minnesota Dr. to Victor Rd.

The following changes and/or additions are hereby made to subject Invitation to Bid:

- 1. INCORPORATE:** the attached changes, consisting of two pages, identified as Addendum No. 2, dated April 25, 2023.

All other terms, conditions and specifications remain unchanged.

An electronic (.pdf) copy of the Invitation to Bid is available at Municipality of Anchorage, Purchasing Office website; (<http://www.muni.org/Departments/purchasing/Pages/bidding.aspx>) Should you choose to obtain a copy of the Invitation to Bid from the website; it is your responsibility to periodically check the website for addends.

THIS ADDENDUM MUST BE ACKNOWLEDGED IN SPACE PROVIDED ON BID PROPOSAL SHEET OR SIGNED AND RETURNED TO PURCHASING PRIOR TO TIME SET FOR BID OPENING IN ACCORDANCE WITH ANCHORAGE MUNICIPAL CODE 7.20.020C.

Municipality of Anchorage reserves the right to accept or reject bids. Prices quoted must be F.O.B. Destination. Municipality is exempt from Federal Excise Tax. Bids shall be submitted to the Purchasing Office prior to time set for opening. Any bids not received by the Purchasing Office prior to that time will not be considered and will be returned.

PLEASE ACKNOWLEDGE AND RETURN THIS ADDENDUM PRIOR TO THE DATE AND TIME SHOWN ABOVE OR YOUR BID MAY BE REJECTED.

VENDOR NAME _____

MUNICIPALITY OF ANCHORAGE

SIGNATURE _____

Chris Hunter

DATE OF BID _____

Chris Hunter
Deputy Purchasing Director

**Invitation to Bid PROJECT# 2022C016
100th Ave Surface Rehabilitation- Minnesota Dr. to Victor Rd.**

**Addendum No. 2
April 25, 2023**

RESPONSES TO BIDDERS' QUESTIONS:

1. Question:

What is the condition of the pipe?

Response:

Pipes shall be considered partially deteriorated, per MASS Section 55, Article 26.3C Structural Requirements.

2. Question:

What is the depth of the pipe from the ground level to bottom of invert?

Response:

Based on review of record drawings, depth of pipe to bottom of invert is approx. 7 ft below grade.

3. Question:

What is the depth of the water table from the surface?

Response:

No recent data has been collected. Historical (1996) boring logs indicate the water table depth ranged from 5.5 ft to 10 ft below grade.

4. Question:

What is the minimum reduction ovality factor?

Response:

5% minimum per MASS Section 55, Article 26.3C Structural Requirements.

5. Question:

What is the safety factor if it is to be applied?

Response:

Not less than 2.0 per MASS Section 55, Article 26.3C Structural Requirements.

6. Question:

What is the enhancement factor K ratio?

Response:

No higher than 7 per MASS Section 55, Article 26.3C Structural Requirements.

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7. Question:

What is the live load factor?

Response:

Highway live load (AASHTO HS-20)

8. Question:

What is the soil density?

Response:

Subsurface exploration was not conducted for this project. Under the assumption that the existing roadway was constructed using practices similar to current standards, MOA expects (but does not guarantee) that subsurface conditions relevant to CIPP lining design are consistent with those typically encountered in roadways constructed of non-frost susceptible, granular fill material compacted to 95 percent of maximum density.

9. Question:

What is the modulus soil reaction factor?

Response:

See response to question #8.

10. Question:

What is the flexural strength and modulus?

Response:

4,500 psi & 250,000 psi (respectively) per MASS Section 55, Article 26.3D Mechanical Properties

11. Question:

What is the minimum requirements for chemical resistance?

Response:

Chemical resistance shall meet the minimum requirements of ASTM F1216, Table X2.1 per MASS Section 55, Article 26.3D Mechanical Properties.

Where any requirements of the Invitation to Bid conflict with an item in an Addendum, the Addendum shall govern. All other terms and conditions of the Invitation to Bid shall remain unchanged and in full force and effect.