



State of Alaska
Department of Environmental Conservation
Village Safe Water Program

555 Cordova Street
Anchorage, AK 99501
John.mcdonald@alaska.gov

April 18, 2023

To: Vendor List

Re: Amendment 1
ITB 23-VSW-MCG-021
McGrath Artic Pipe and Fittings for Wastewater Improvements
ITB Due Date: April 25, 2023 @ 2:00 PM AST

The following are vendor questions and the department's response:

1. Vendor: Can you please provide the drawings for the insulated pipe, insulated fittings, and insulated joint kits that are referenced in the specifications?

Department: See attached Pipe Details Sheets for the insulated pipe, fittings, and joint kits that are referenced in the specifications.

2. Vendor: Also, on Bid Schedule item L", can you confirm what size end cap is required? The sizing is not specified.

Department: Bid Schedule item L description is deleted and replaced with "Compression-style Pipe Plug, Nominal 6" to fit ID of DR17 6" HDPE Pipe, "Econ-o-Grip" or State approved equivalent." Bidders must use the attached updated Bid Schedule form to be considered responsive.

John McDonald

John McDonald

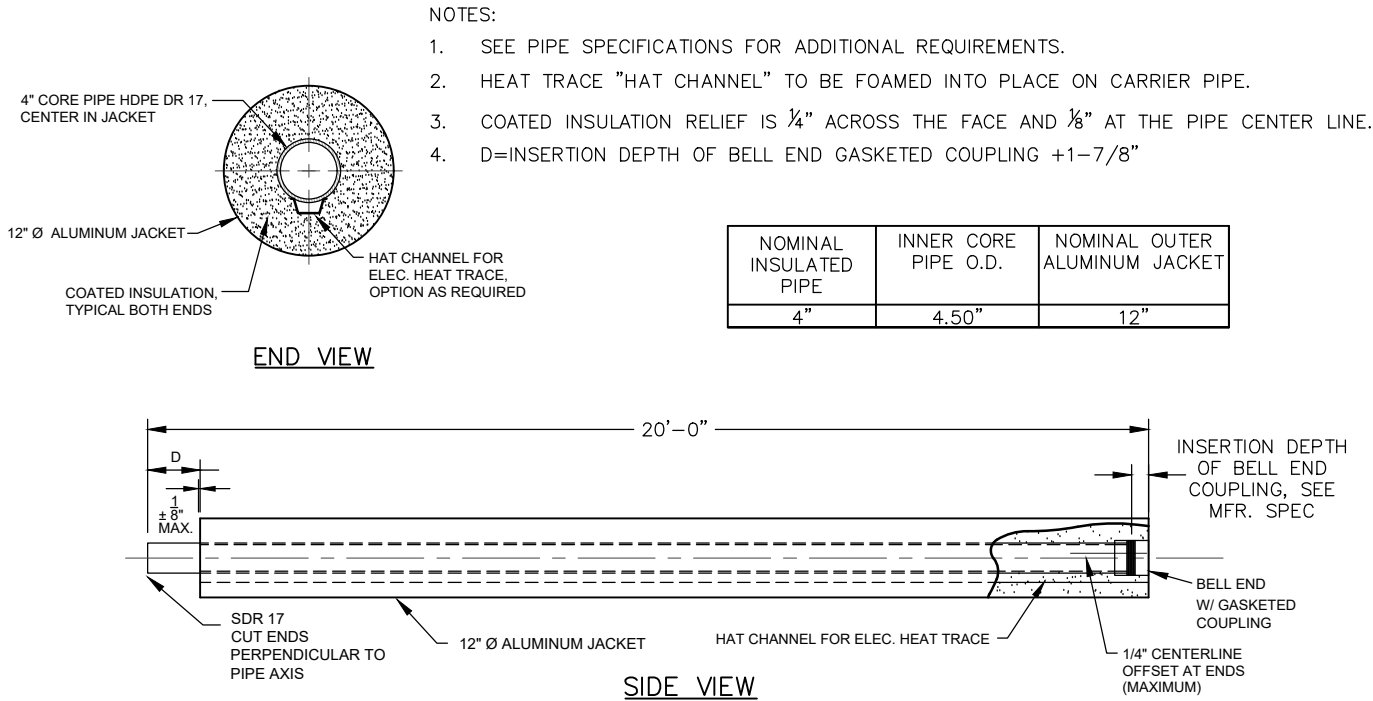
Procurement Specialist

BID SCHEDULE - Amendment 1

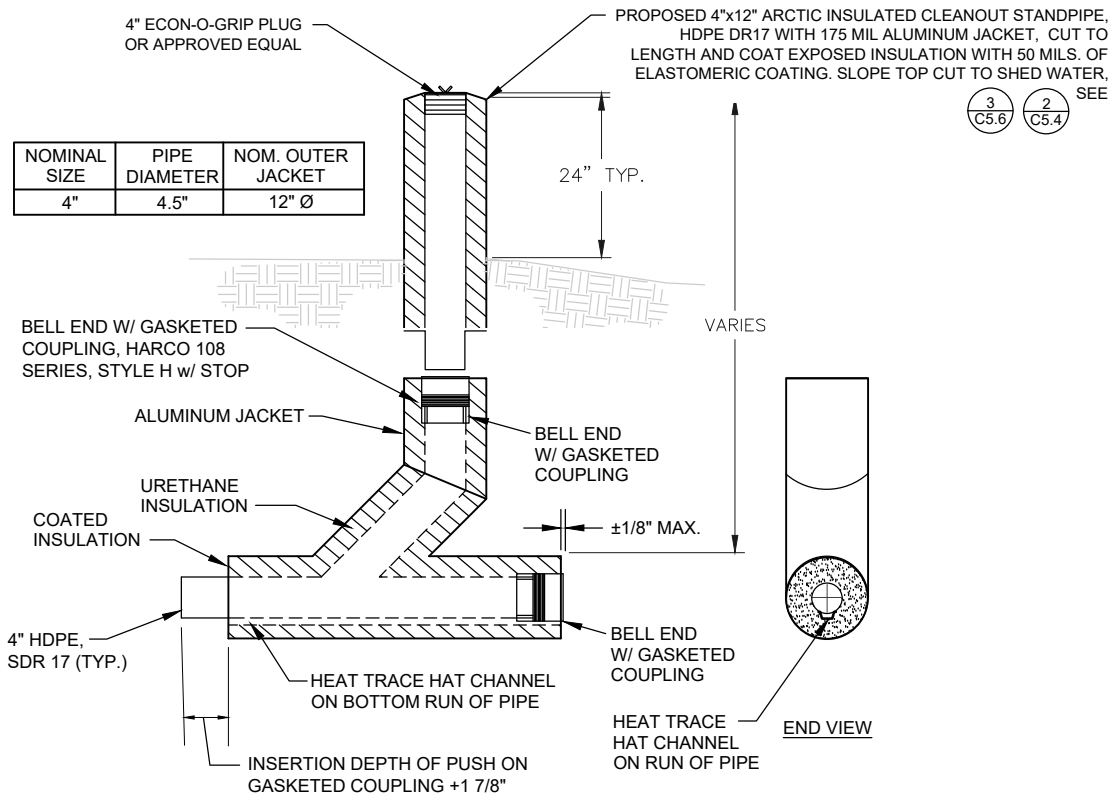
Bidders must complete and submit this bid schedule with their bid. Bidders shall not modify the bid schedule.

Item	Description	Unit	Quantity	Unit Cost (\$)	Total Cost (\$)
A	Pre-insulated Arctic Pipe, HDPE DR11 Core Pipe with Helical seam, Aluminum Jacket, 2"x8", with HT Channel, Spigot x Spigot, 20 Foot Length QTY 1800 (Pressure Sewer Service)	Feet	1800	\$	\$
B	Pre-insulated Arctic Pipe, HDPE DR17 Core Pipe with Helical seam, Aluminum Jacket, 6"x12", with Spigot x Push om Joint, 20 Foot Length QTY 300 (Sewer Service Line Risers)	Feet	300	\$	\$
C	Pre-insulated Arctic Pipe, HDPE DR17 Core Pipe with Helical seam, Aluminum Jacket, 4"x12", with HT Channel, Spigot x Push om Joint, 20 Foot Length QTY 60 (Gravity Sewer Pipe)	Feet	60	\$	\$
D	Pre-insulated 45-Degree Elbow, 2"x8", HDPE DR11 Core Pipe, Helical Seam Aluminum Jacket, with HT Channel, Spigot x Spigot	Each	6	\$	\$
E	Pre-insulated 90-Degree Elbow, 2"x8", HDPE DR11 Core Pipe, Helical Seam Aluminum Jacket, with HT Channel, Spigot x Spigot	Each	4	\$	\$
F	Pre-insulated 2"x2"x2" Wye, 2"x8", HDPE DR11 Core Pipe, Helical Seam Aluminum Jacket, with HT Channel, Spigot x Spigot x Spigot	Each	1	\$	\$
G	Pre-insulated 2"x8" Double Cleanout Assembly HDPE DR11 Core Pipe, Helical Seam Aluminum Jaket, With HT Channel, Spigot x Spigot x Spigot, with EPDM Foam Insulation Caps and Aluminum Covers See Detail 5/C5.5	Each	1	\$	\$
H	Pipe Coupling Band - Pressure Sewer Service Line. 16 Ga. Aluminum, Nominal 8" OD x 36" Long, with Bolts & Nuts (AIS Certification Required)	Each	100	\$	\$
I	Insulation Half Shells, 4"x8"x23" Long, with HT Channel to Match Pipe.	Pair	100	\$	\$
J	EPDM Foam Insulation Doughnuts, 4.5" ID x 12" OD X 2" Thick, Grade 2A1 Black EPT (3091, 100% EPDM Sponge)	Each	5	\$	\$
K	Bare HDPE Pipe, DR11, 6" Diameter, 20' Lengths.	Feet	200	\$	\$
L	Compression-style Pipe Plug, Nominal 6" to fit ID of DR17 6" HDPE Pipe, "Econ-o-Grip" or State approved equivalent.	Each	30	\$	\$
M	Shipping to F.O.B. Point	Lump Sum			\$
N	Subtotal (A through M = N)				\$
O	5% MBE / WBE Preference, if applicable (5% of N = O)				\$
P	Total Bid Price for Evaluation Purposes only (N - O= P)				\$

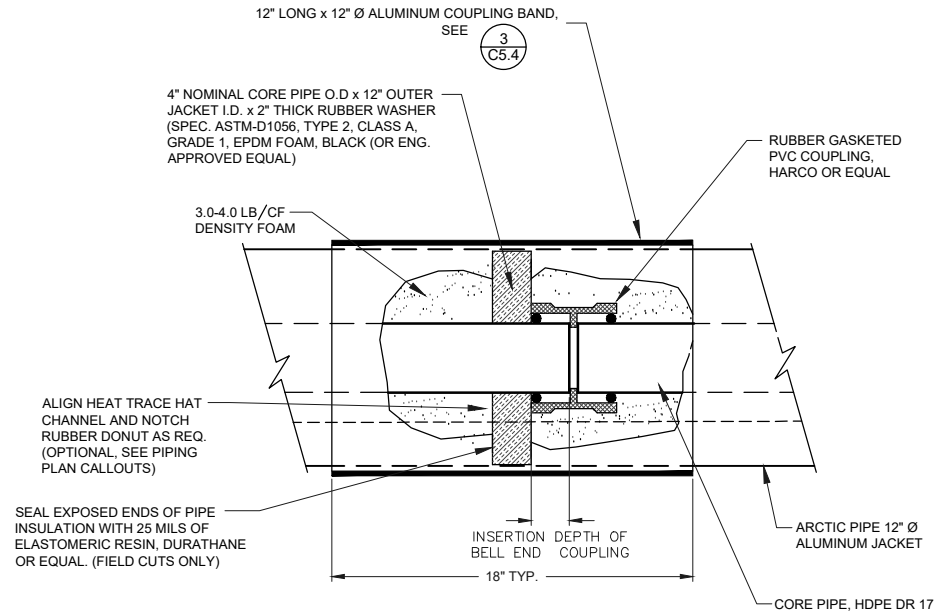
G:\ACAD\McGrath\2019 Wastewater Improvements\C5.4 Gravity Sewer Arctic Pipe Details.dwg, 1/17/2023 4:28:57 PM, cmerz, AutoCAD PDF (General Documentation).pc3



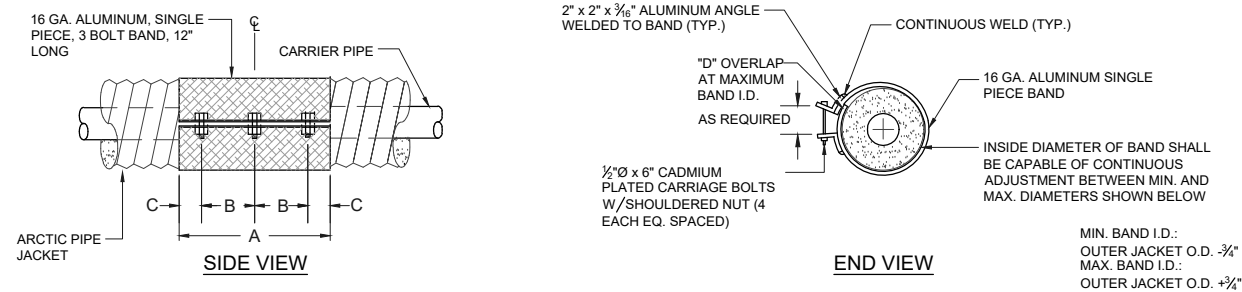
1 ARCTIC PIPE - ALUMINUM JACKET (BELL & SPIGOT)
C5.4 NTS



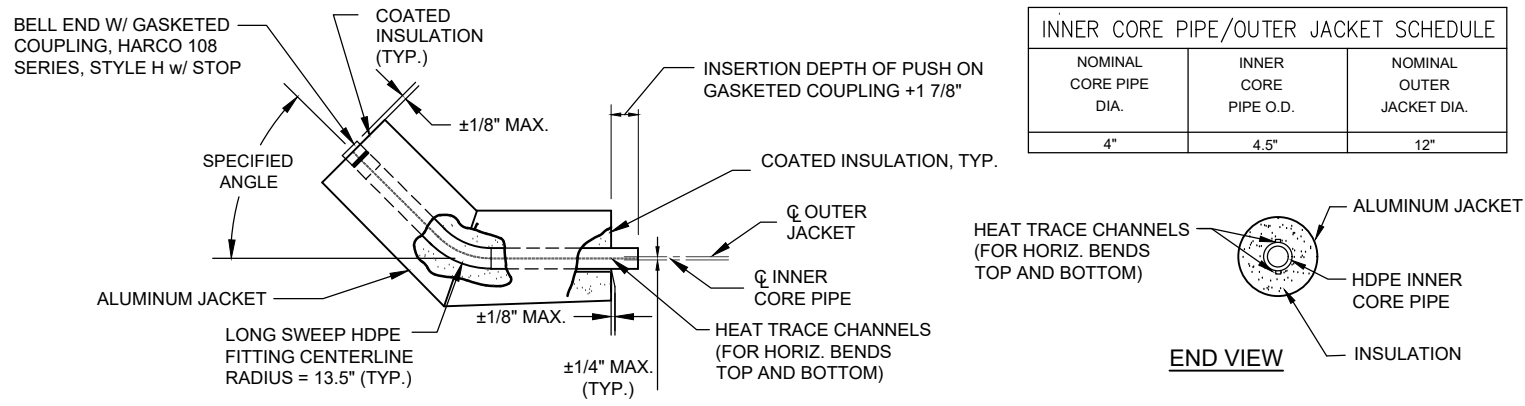
4 ARCTIC PIPE COMBO WYE CLEANOUT (BELL & SPIGOT)
C5.4 NTS



2 ARCTIC PIPE JOINT ENCASEMENT DETAIL
C5.4 NTS



3 GRAVITY SEWER JOINT PIPE COUPLING BAND DETAIL
C5.4 NTS



5 ARCTIC PIPE BEND - ALUMINUM JACKET (BELL & SPIGOT)
C5.4 NTS

RECORD DRAWING CERTIFICATE

THESE DRAWINGS REFLECT RECORDED INFORMATION OBTAINED DURING CONSTRUCTION. INFORMATION PROVIDED HEREIN IS ACCURATE TO THE BEST OF MY KNOWLEDGE.

SCALE: 1" = 1'-0" IF NOT ONE INCH ON THIS SCALE, INDICATE SCALE ACCORDINGLY

STATE OF ALASKA

49th

Michael R. Erdman

No. 6252

REGISTERED PROFESSIONAL ENGINEER

1/16/2023

WASTEWATER IMPROVEMENTS PROJECT

GRAVITY SEWER ARCTIC PIPE DETAILS

MCGRATH, ALASKA

CE2

ENGINEERS, INC.

PO BOX 322646 ANCHORAGE, AK 99523 PH: 907-548-0100 FAX: 907-548-1015

BY DATE

REVISION

Project No.

Date

Designed

Drawn

Approved

Project No.

Date

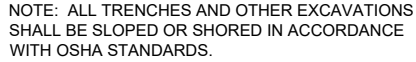
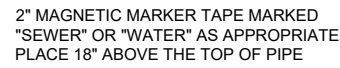
Designed

Drawn

Approved

Sheet No.

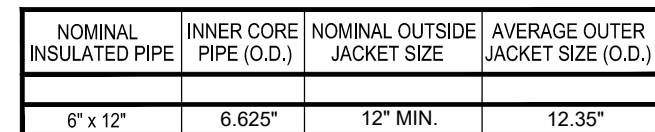
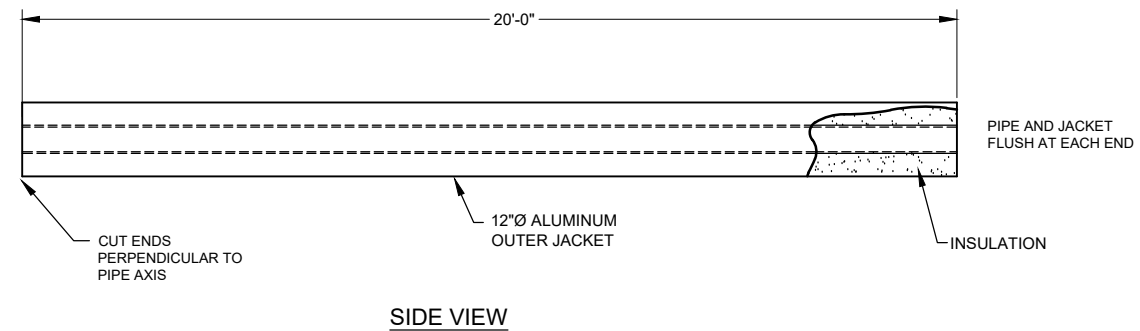
C5.4



2
C5.6

TYPICAL TRENCH SECTION IN
THAWED AND THAW STABLE GROUND

SCALE: NTS



6"x12" VALVE VAULT STANDPIPE
HDPE ARCTIC PIPE CROSS SECTION

Project No. _____ Date <u>JAN. 2023</u> Designed <u>ME</u> Drawn <u>DDR</u> Approved <u>ME</u>	REVISION _____ _____ _____ _____ _____ _____ _____	B1 DATE _____ _____ _____ _____ _____ _____ _____	<div style="text-align: center;">  <p>P.O. BOX 232546 ANCHORAGE, AK 99523 PH: 907-345-0110 FAX: 907-345-0115</p> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <p>WASTEWATER IMPROVEMENTS PROJECT</p> <p>TRENCH AND ARCTIC PIPE DETAILS</p> </div> <div style="width: 45%; text-align: right;"> <p>MCGRATH, ALASKA</p> </div> </div>
--	---	--	---

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023

1/16/2023