FROM (DEPT/ DIVISION): County Counsel

<u>SUBJECT</u>: Purchase Contract – Fabricated Steel

Background: The County issued an Invitation to Bid for the purchase of fabricated steel for the Central Pipeline project. Two bids were received: Callies Welding and Fabrication - \$1,039,995 Northwest Pipe Company - \$1,311,934 After a review of the bids by the consultants and staff, the recommendation is to award the contract to the lower bid.	Requested Action: Approve notice of intent to award contract for purchase of fabricated steel to Callies Welding and Fabrication in the amount of \$1,039,995
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ATTACHMENTS: Bids

Checkoffs:

() Dept. Head (copy)
() Budget (copy)
() Legal (copy)

To be notified of Meeting:

Scheduled for meeting on: March 27, 2023

Action taken:

ITB-007 Fabricated Steel **BID SHEET**

line			Design		Lined					
Item	Description	Stations	Pressure (PSI)	Reference Sheet	and Coated	Quantity	Unit of Measurement	Unit Price (USD)	Extended Price (USD)	Lead Time
-	River Station Part A	NA	225	F1001	Yes	1	EA	\$76,028.00	\$76,028.00	10-12 weeks
2	River Station Part B	NA	225	F1002	Yes	1	EA	\$52,682.00 \$52,682.00	\$52,682.00	10-12 weeks
m	River Station Part C	NA	225	F1003	Yes	1	EA	\$93,670.00 \$93,670.00	\$93,670.00	10-12 weeks
4	Check Valve Assembly	26+00	150	F2000-F2002	Yes	1	SI	\$99,462.00 \$99,462.00	\$99,462.00	10-12 weeks
'n	COU Delivery Point	163+55	150	F2010-F2011	Yes	1	হা	\$47,254.00	\$47,254.00 \$47,254.00	10-12 weeks
ω	COU Flowmeter Spool	163+55	150	F2012	Yes	1	হা	\$15,428.00 \$15,428.00	\$15,428.00	10-12 weeks
~	Transition Tee	196+28	150	F2020	Yes	1	SI	\$31,157.00 \$31,157.00	\$31,157.00	10-12 weeks
00	Ordnance Lateral Tee	270+61	150	F2030-F2031	Yes	-1	য	\$62,316.00	\$62,316.00 \$62,316.00	10-12 weeks
6	64", STL, 0.375" Wall, Pipe (Open Cut Casing)	NA	NA	NA	Not Required	120	Ę	\$499.525	\$499.525 \$59,943.00	10-12 weeks
10	58", STL, 0.8125" Wall, Pipe (Bore Casing)	NA	NA	NA	Not Required	640	Ч	\$775.97	\$496,623.00 10-12 weeks	10-12 weeks
Ħ	Lining and Coating Kits for all Field Welds	NA	NA	NA	NA	1	SI	\$432.00	\$432.00	10-12 weeks
								Bid Subtotal	\$1,034,995.00	
								Freight Total	\$5,000.00	
ļ								Total Bid Amount	\$1,039,995.00	0
ž	Kidder certifies this bid is volid for 60	L no loo	Jam James							

calendar days. Bidder certifies this bid is valid for 60

Bidder Callies Welding and Fabrication, LLC

Address 5817 Burlington Loop Pasco, WA 99301

By (Print)Kyle Callies

By (Signed)



Callies Welding and Fabrication, LLC Ordnance Project-Fabricated Steel ITB-007

Submittal of Proposal

1.4 Submittals

A. Suppliers Bid Packet

1. Supplier's standard bid package- Attached Bit Sheet ITB-007 Fabricated Steel

2. Delivery Schedule- Delivery schedule meets the October 1st 2023 deadline, with the 1st truck load delivery starting on September 4th 2023 and the last truck load delivered on or before September 29th 2023. Offloading contractor to receive deliveries Monday-Friday 7:00am-4:00pm. Special arrangements for delivery by offloading contractor can be made with Callies Welding and Fabrication with 72hrs notice prior to scheduled delivery. 17each truck loads are estimated to complete the full amount of fabricated steel pipe and steel casing pipe.

3. References-

Callies Welding and Fabrication, LLC has been in buisness since 2010 manufacturing, supplying, fabricating and installing steel AWWA water pipelines, manifolds and fabricated components for pump stations and booster stations along with City waste water treatment plants, water treatment plants and natural gas pipelines, meter stations, compressor stations and odorant stations. Callies Welding and Fabrication, LLC facilities are located in Pasco, WA in the Pasco Industrial Park. Capacities are 15,000 sq ft fabrication facility hosting 20 ton bridge cranes, 60 ton and 30 ton rolls, multiple 6 ton welding positioners for pipe manufacturing and fabricating.

- Columbia Improvements District- (541) 481-9454 Supply, fabricate, line, coat and install 460LF of 72"x.375" wall steel AWWA water pipe, 330LF of 60"x.375" wall steel AWWA water pipe, 120LF of 60"x.375" wall fabricated, lined, coated and installed steel pump station manifolds, 280LF of 36"x.375" wall steel AWWA water pipe and fabricate, line, coat and install 80LF of 36"x.375" wall steel pump station manifolds.
- Columbia Water & Power District (509) 832-2518 Supply and install 3,980LF of 34"x.406" wall AWWA water pipe, fabricate, coat and install 138LF of 60"x.4375" wall steel pump station manifolds

- AgriNorthwest- (509) 734-1195 Supply, fabricate, coat and install 48LF of 60"x.500" wall steel pipe pump station manifold, 43LF of 42"x.500" wall steel pipe pump station manifold and 80LF of 42"x.375" wall steel pipe
- East Columbia Basin Irrigation District- (509) 488-9671 Supply, fabricate, coat and line 120LF of 54"-42"x.750" wall steel pipe pump station manifold

1.1 Cut sheets for steel pipe, fittings, flanges and coatings/linings

1. Attachment B following this page

8.0 Warranty Specifications

One-Year Warranty. The warranty period for any applicable portion of the Work shall be for a period of one (1) year following the Acceptance Date by the Umatilla County Board of Commissioners and/or its responsible third (3rd) party inspection company and/or selected Engineering firm by signed acceptance letter ten days (10) after last truck load of steel pipe per ITB-007 is delivered, such date to be established in accordance with the contract (the "Warranty Period"). During the Warranty Period, Umatilla County and/or its third (3rd) part inspection company and/or Engineering Firm, whoever is deemed responsible (a) all of the Work has been performed in a good and workmanlike manner, free from all defective materials and workmanship, and (b) all of the Work has been constructed and delivered in strict compliance with all of the Standards and the Plans and specifications per ITB-007, and (c) all material and equipment constructed and delivered, by supplier(Callies Welding and Fabrication, LLC) is suitable for its intended purpose and use. During the Warranty Period, the offloading and/or installation contractor shall be responsible for correcting all deficiencies in the work damaged by offloading steel pipe fabrication and/or steel casing, and for performing all repairs from damaged goods by offloading and/or installing, whether coating/lining is damaged or steel pipe is dented, deformed and deemed unacceptable by Umatilla County Board of Commissioners and/or its responsible third (3rd) party inspection company and/or selected Engineering firm. Steel fabrication components and steel casing pipe damaged during loading, shipping and or manufacturing will be covered by supplier (callies Welding and Fabrication, LLC) including coatings and linings.

Workmanship Warranty. Supplier (Callies Welding and Fabrication, LLC) warrants that all components or deliverables specified and furnished by ITB-007 under the Project Definition/Work Order meet the completion criteria set forth in the Project Definition/Work Order and any subsequent statement(s) of work, and that services will be provided in a workmanlike manner in accordance with industry standards.

Attachment B 1.1 Cut Sheets for Steel pipe, fitting, flanges and casing Ordnance Project ITB-007

Steel pipe

48"x.500" wall API 5L X52 DSAW	Sample MTRs following this page
48"x.375" wall API 5L X52 DSAW	Sample MTRs following this page
42"x.375" wall API 5L X52 DSAW	Sample MTRs following this page
36"x.375" wall API 5L X52 DSAW	Sample MTRs following this page
30"x.375" wall API 5L X52 DSAW	Sample MTRs following this page
20.000" x .375" wall A/SA53-B ER	<i>N</i> Sample MTRs following this page
18.000"x.375" wall A/SA53-B ERW	Sample MTRs following this page
16.000"x.375" wall A/SA53-B ERW	Sample MTRs following this page

Steel Casing

58"x.812" wall, roll and welded strait seam, bare meets or exceed ASTM A139 Gr. B (35,000psi min yield, 60,000psi min tensile) Sample MTRs following this page

64"x.375" wall, roll and welded strait seam, bare meets or exceed ASTM A139 Gr. B (35,000psi min yield, 60,000psi min tensile) Sample MTRs following this page

ITB-007 Fabricated Steel **BID SHEET**

ltem			Pressure	Reference	and		Unit of			
	Description	Stations	(ISd)	Sheet	Coated	Quantity	Measurement	Unit Price (USD)	Extended Price (USD)	Lead Time
1 Rive	River Station Part A	NA	225	F1001	Yes	1	EA	\$88,829	\$88,829	Mid-November 2023
2 Rive	River Station Part B	NA	225	F1002	Yes	1	EA	\$92,671	\$92,671.00	Mid-November 2023
3 Rive	River Station Part C	NA	225	F1003	Yes	1	EA	\$136,255	\$136,255.00	Mid-November 2023
4 Chec	Check Vaive Assembly	26+00	150	F2000-F2002	Yes	1	เร	\$105,283	\$105,283.00	Mid-November 2023
5 COU	COU Delivery Point	163+55	150	F2010-F2011	Yes	1	SI	\$62,345	\$62,345 \$62,345.00	Mid-November 2023
6 COU	COU Flowmeter Spool	163+55	150	F2012	Yes	1	ู่ รา	\$32,288	\$32,288.00	Mid-November 2023
7 Tran	Transition Tee	196+28	150	F2020	Yes	1	SI	\$44,483	\$44,483.00	Mid-November 2023
8 Ordr	Ordnance Lateral Tee	270+61	150	F2030-F2031	Yes	1	รา	\$116,168	\$116,168.00	\$116,168 \$116,168.00 Mid-November 2023
9 64",	64", STL, 0.375" Wall, Pipe (Open Cut Casing)	NA	NA	NA	Not Required	120	LF	\$783	\$84,720.00	\$84,720.00 Delivered by Oct. 1st 2023
10 58",	58", STL, 0.8125" Wall, Pipe (Bore Casing)	NA	NA	NA	Not Required	640	LF	\$766	\$490,240.00	Delivered by Oct. 1st 2023
11 Linir	Lining and Coating Kits for all Field Welds	NA	NA	NA	NA	1	SI	\$132	\$132.00	Delivered by Oct. 1st 2023
								Bid Subtotal	\$1,253,414.00	
								Freight Total	\$58,520.00	
								Total Bid Amount	\$1,311,934.00	

calendar days. Bidder certifies this bid is valid for ³⁰

Bidder Northwest Pipe Company

Address 12005 N Burgard, Portland, OR 97203

By (Print) Ryan Thread

4 50 1 By (Signed)_

RESPONSE TO INVITATION TO BID Supply and Delivery of Steel Pipe ITB-007 (FabSteel)

PREPARED FOR Umatilla County, OR

Ryan Thread Sales Representative 3/17/2023



March 17, 2023

Umatilla County Attn: Board of Commissioners 216 S. E. 4th Street Pendleton, Oregon 97801

To the Board:

Northwest Pipe Company is pleased to submit our Qualifications in response to ITB-007 (FabSteel) along with supporting documentation for the Supply and Delivery of Steel Pipe.

As part of ITB-007 (FabSteel) bid and Standard Bid Package the following additional items are as follows: Specification 33 05 24, section 1.4A noted

- 1. Supplier's standard bid package. *Combined quote data sheet included*.
- 2. Material delivery schedule and estimated number of truck loads to be delivered and offloaded by the Contractor.

Northwest Pipe will commit to all pipe delivered by Mid-November 2023. Delivery will start much sooner, but we cannot commit to all pipe delivered until mid-November 2023. These are high fabrication pieces that take more time than the standard welded steel pipe. All casing pipe will be delivered prior to October 2023. Approximately 14 total loads. Standard delivery noted on Quote Terms and Conditions: Delivery will commence 16-24 weeks after approved shop drawings or receipt of steel. Current lead time for steel is 8 weeks.

3. References for at least 3 completed projects supplying similar size and materials, as specified.

COID River Smith Rock Enclosure - Oregon - 15,000 lf of 104" diameter steel pipe – 2021 Legrow Water Intake – Washington - 9,000lf of 42" diameter steel pipe – 2022 ThreeMile Canyon - Oregon – 8,500lf of 54" diameter steel pipe - 2022

With a history that dates back more than 100 years, we have become the leading manufacturer in the welded steel pipe industry. We have established a prominent position based on a strong and widely recognized reputation for quality, service and an extensive range of products engineered and manufactured to meet expectations in all categories of performance including highly corrosive environments.

Thank you for your consideration.

Sincerely Ryan Thread

503-680-8664 cell rthread@nwpipe.com

O Northwest Pipe Company



Quotation

Water Transmission Group 201 NE Park Plaza Drive, Suite 100 Vancouver WA 98684 p: (360)-397-6250 www.nwpipe.com

Date:	03/16/2023	Project:	Umatilla Ordnance Project
Attn:	Board	Quote No.	OR-23-24718
Company:	Umatilla County	Owner:	Umatilla
Sent via:	📋 e-mail 🗌 fax	Bid Date:	March 17, 2023
Contact Phone:		Bid Time:	10:00 AM
Sales Representat	ive:		
Ryan Thread			

QUOTATION: Northwest Pipe Company (Seller) is pleased to offer steel pipe pricing for the above referenced project in accordance with the project plans, specifications and no addenda. Seller's quotation for the above referenced project is subject to all Terms & Conditions herein as well as the General Terms and Conditions attached hereto:

Cell: (503) 680-8664

Email: rthread@nwpipe.com

GENERAL SPECIFICATIONS:

Pipe: Steel pipe will be manufactured and tested in accordance with AWWA C200.

Flanges: Flanges will be in accordance with AWWA C207, Class F and Class D as noted in the scope of work.

Interior Lining: All pipe (not casing) will be furnished with polyurethane linings, 20 mils DFT, in accordance with AWWA C222. Other than noted below in scope of work as Epoxy per AWWA C210 (20" Steel Pipe).

Exterior Coating: All pipe (not casing) will be polyurethane coated, 25 mils DFT, in accordance with AWWA C222. Prices quoted include one heat shrink sleeve in accordance with AWWA C216 per joint of buried pipe.

Lengths: Standard lengths are 60 feet with shorter lengths only as required for fittings and shipping.

Pipe Weights: The approximate weight of pipe is as follows:

Nominal Pipe Size	Cylinder OD	Wall Thickness	Pipe Weight
48"	48.00"	0.375"	lbs/ft
48"	48.00"	0.500"	lbs/ft
42"	42.00"	0.375"	lbs/ft

Field Joints: Standard pipe will be furnished with beveled ends for butt welded joints. The approximate number of field welds, as shown in the scope of work, is for estimating purposes only.

SCOPE OF WORK





ltem	Description	QTY	Unit	Unit Price	Extension
1.1	River Station Part A	1	LS	\$88,829	\$ 88,829.00
	Prices quoted are inclusive of steel p sheet F1001 Class F Flanges	ipe and fit	tings as	detailed on	
1.2	River Station Part B	1	LS	\$92,671	\$ 92,671.00
	Prices quoted are inclusive of steel p sheet F1002 Class F Flanges	ipe and fit	tings as	detailed on	
1.3	River Station Part C	1	LS	\$136,255	\$ 136,255.00
	Prices quoted are inclusive of steel p sheet F1003 Class F Flanges	ipe and fit	tings as	detailed on	
1.4	Check Valve Assembly, Steel Fittings (Station 26+00)	1	EA	\$105,283	\$ 105,283.00
	 Item includes 2 - 36 inch flanged outlet (Class D 2 - 36 inch blind flange (Class D) 1 - 20 inch flanged outlet (Class D 2 - 16 inch flanged outlet (Class D 1 - 4 inch threaded outlet 5 - 48 inch flanged ends (Class D) 1 - Vertical Elbow (Station 26+00) Per sheet F2000 16 inch bypass pipe is excluded from and fittings to be supplied by others)	em – 16	inch pipe	
1.5	City of Umatilla Delivery Point, Steel Fittings (Station 163+55)	1	EA	\$62,345	\$ 62,345.00
	Item includes Approximately 16 feet of 48" Steel Pi 1 - 36 inch flanged outlet (Class D 1 - 20 inch flanged outlet (Class D 6 - 48 inch flanged ends (Class D) Per sheet F2010)	ard wall)		





1.6	City of Umatilla Flowmeter Spool, Steel Fittings (Station 163+55)	1	EA	\$32,288	\$ 32,288.00
	Item includes Approximately 40 feet of 20" Steel Pi Lining on this spool is Epoxy per AW 2 - 20 inch flange ends (Class D)		ard wall)		
	Per sheet F2010				
1.7	Transition Tee, Steel Fittings (Station 196+28)	1	EA	\$44,483	\$ 44,483.00
	 Approximately 10 feet of 48 inch Stee 1 - 30 inch flanged outlet (Class D 1 - 30 inch blind flange (Class D) 1 - 48 inch to 42 inch reducer 1 - 48 inch flanged end (Class D) 1 - 42 inch flanged end (Class D) Per sheet F2020 		andard w	/all)	
1.8	Ordnance Lateral Tee, Steel	1	EA	\$116,168	\$ 116,168.00
	Fittings (Station 270+61)				
	Item includes Approximately 32 feet of 42 inch Stee 1 - 42 inch flanged outlet (Class D 2 - 36 inch flanged outlet (Class D 6 - 42 inch flanged end (Class D) Per sheet F2030)	andard w	vall)	
1.9	64" x 0.375" wall, Casing by Open Cut (No Hydro, No Lining, No Coating)	120	LF	\$706	\$ 84,720.00
1.10	58" x 0.813" wall, Casing by Bore (No Hydro, No Lining, No Coating)	640	LF	\$766	\$ 490,240.00
1.11	Field Joint Material (ID – JARS)	1	LS	\$132	\$ 132.00

Northwest Pipe Company



2.2	36" Flanged Outlet w/Blind (Station 0+53)	1	EA	\$25,451	\$ 25,451.00
	Item includes 1 - 36 inch flanged outlet (Class F) 1 - 36 inch blind flange (Class F)				
2.3	Horizontal Elbow (Station 0+63)	1	EA	\$6,951	\$ 6,951.00
2.4	Vertical Miter (Station 1+19)	1	EA	\$1,305	\$ 1,305.00
2.5	Horizontal Elbow (Station 1+87)	1	EA	\$6,951	\$ 6,951.0
2.6	30" Flanged Outlet w/Blind, Class F (Station 2+00)	1	EA	\$18,547	\$ 18,547.00
	Item includes 1 - 30 inch flanged outlet (Class F) 1 - 30 inch blind flange (Class F)				
2.7	Vertical Miter (Station 5+00)	1	EA	\$1,305	\$ 1,305.00
2.8	Horizontal Elbow (Station 5+83)	1	EA	\$6,951	\$ 6,951.0
2.9	Horizontal Elbow (Station 6+22)	1	EA	\$6,951	\$ 6,951.0
2.10	Vertical Miter (Station 6+46)	1	EA	\$1,305	\$ 1,305.0
2.11	Horizontal Elbow (Station 9+23)	1	EA	\$4,115	\$ 4,115.0
2.12	Vertical Miter (Station 11+20)	1	EA	\$1,305	\$ 1,305.0
2.13	Vertical Miter (Station 12+00)	1	EA	\$1,305	\$ 1,305.0
2.14	Vertical Miter (Station 18+33)	1	EA	\$1,305	\$ 1,305.0
2.15	Vertical Miter (Station 19+77)	1	EA	\$1,305	\$ 1,305.0
2.16	Vertical Elbow (Station 20+82)	1	EA	\$4,115	\$ 4,115.0
2.17	Vertical Elbow (Station 21+45)	1	EA	\$6,951	\$ 6,951.0
2.18	Horizontal Elbow (Station 22+19)	1	EA	\$4,115	\$ 4,115.0
2.19	Vertical Elbow (Station 22+43)	1	EA	\$4,115	\$ 4,115.0
2.20	Vertical Elbow (Station 23+18)	1	EA	\$4,115	\$ 4,115.0
2.21	Vertical Elbow (Station 25+00)	1	EA	\$4,115	\$ 4,115.0
2.22	48" x 3/8" wall, Steel Pipe	2,650	LF	\$340	\$ 901,000.0
	Prices quoted are inclusive of all main pipe as shown on the project plans.	nline lined	and coa	ted steel	





2.23	48" x 3/8" wall, Spare Steel Pipe	160	LF	\$382	\$ 61,120.00
	Prices quoted are inclusive of lined a in 40 foot lengths	and coated	steel pip	e supplied	
2.24	Field Joint Material (ID – JARS)	1	LS	\$7,788	\$ 7,788.00
40	*Freight (ITB8)	18	Loads	\$39,750	\$ 39,750.00
41	*Freight (ITB7)	14	Loads	\$58,520	\$ 58,520.00

* Freight Rates and Charges. The initial rates and charges, including accessorial charges, and Fuel Surcharge will remain in effect for twelve (12) months from the date of quotation. Seller will provide thirty (30) days advance written notification to Buyer regarding any proposed changes to the quoted price based on increase or decrease in rates and charges.

EXCLUSIONS: Unless specifically stated in the scope of work above, the following items are excluded from our quotation:

- 1. Flange bolts, nuts and gaskets, flange insulating kits
- 2. Valves, meters, gauges or similar instrumentation; supports or appurtenances
- 3. Pipe supports or hangers, wall sleeves and link seals
- 4. Patch kits for field joint repair or touch up kits for painted surfaces
- 5. Cathodic protection materials or corrosion monitoring systems
- 6. Pipe other than carbon_steel or other as described above
- 7. Vent piping and/or galvanized steel pipe unless described above
- 8. Bulkheads, blind flanges, buttstraps, test heads, caps or other items required for field hydrostatic testing unless specifically stated in the scope of work or project drawings
- 9. Lifting lugs, pipe handling attachments or related items
- 10. Off loading of pipe, installation, field welding or supervision, training or certification of installation contractor field crews
- 11. Harness rods for couplings where Seller is not providing the mating pipe material
- 12. Air valve or blow-off piping past the first flange of the outlet in the mainline pipe
- 13. Victaulic AGS Couplings

PROJECT TERMS & CONDITIONS:

- Payment Terms: Payment terms are Net 30 days from date of invoice. Final acceptance of all orders is subject to approval by Seller's standard credit policy. A 1.5% finance charge per month will be assessed on all late payments. Seller reserves the right to stop delivery on any project which has outstanding invoices not paid within (60) sixty days of invoice date. No retention is allowed. Seller will file intent to file bond claim and/or intent to lien on all projects.
- 2. <u>Prices:</u> Prices quoted are firm for orders placed within 30 days of bid time. Any orders placed after this time is subject to revisions based on the price and availability of steel in effect at time of the order. Quoted prices are based on receiving an order for all items quoted and quantities shown.





Unit prices govern; extensions for pricing are for information only. Invoicing will be based on the actual quantities supplied. Any revisions to the scope of work may necessitate a price revision and an approved change order prior to the revision being effective.

- 3. <u>Submittals:</u> Initial submittals will be provided 4 weeks after a project planning meeting with the Buyer. This timeline assumes Buyer provides all necessary information required for layout and detailing (i.e., connections, etc.). Changes requested by the buyer to submittals provided by the seller will be charged at a rate not to exceed \$300.00/hour.
- 4. Delivery: Delivery will commence 16-24 weeks after approved shop drawings or receipt of steel. Current lead time for steel is 8 weeks. In the event of delay in manufacturing, shipping rate and firm delivery will be arranged by mutual agreement between Seller and Buyer upon receipt of approved drawings. Any agreed upon delivery will be on a "Take or Pay" basis. In the event delivery is not accepted by Buyer within 30 days of the agreed upon delivery date, Seller may invoice Buyer for product, less delivery charges and storage space at the rate of \$2 per square foot, per month of unstacked pipe. The Buyer will give a 7 day notice to Seller for scheduling delivery of pipe and materials. Prices are based on deliveries in full truckload lots. Deliveries requested for materials in quantities less than truckload lots will be billed to the Buyer at the full truckload rate. Seller is not responsible for any delivery commitment given for sole source items specifically called out in the drawings or specifications.
- 5. <u>FOB:</u> Prices are F.O.B. Seller's Plant with full freight allowed to jobsite where trucks can drive and turn around under their own power. Standby time is limited to one (1) hour. Additional standby time will be billed at \$100.00/hour. Any other costs will be billed at 10% above the actual charge. Freight charges included in the above pricing are based on shipping full truckloads from Seller's plant. Drop trailers are specifically excluded unless stated otherwise.
- 6. <u>Bracing & Shipping Cradles:</u> When required by specification, pipe will be braced with stulls on each end. This bracing is for shipping purposes only and not designed for grouting or installation loads. Any special requirements, i.e. vertical elongation etc, will be the sole responsibility of the Buyer. Shipping cradles and stulls are property of Seller and are to be grouped and reloaded on trucks, at the Buyer's expense, for reuse by Seller, if requested. Please note that any bunks or stulls not returned in reusable condition will be billed to the Buyer's account at full replacement cost.
 - a. <u>No manufacturer certification or installation recommendations will be provided as</u> to the suitability of internal bracing for the purpose of pipe installation under any condition and is hereby specifically excluded.
- 7. <u>Field Services:</u> Seller will furnish on a periodic basis the services of one of our field representatives during installation. No field work is included in this quotation. In no event shall the Seller be liable for any conditions relating to or arising from product installation.
- 8. <u>Standard Terms:</u> This quotation is also subject to Seller's General Terms and Conditions, a copy of which is attached.

Accepted in accordance with the Terms & Conditions herein expressed as well as the General Terms and Conditions attached hereto.

Seller: Northwest Pipe Company Buyer:

Northwest Pipe Company



Ву:	Ryan M. Fluit	Ву:	
	(signature)		(signature)
By:	Ryan Thread	By:	
	(printed name)		(printed name)
Date:	03/17/2023	Date:	