FROM (DEPT/ DIVISION): County Counsel

SUBJECT: Ordnance Pipeline Valves Purchase

 Background: The County issued an Invitation to Bid for the purchase of valves for the Ordnance pipeline project. Seven bids were received: Consolidated Supply Co \$650,734 Ferguson Waterworks - \$815,416.27 HD Fowler Company - \$639,741.36 Intermech – Received late Isaacs & Associates - \$721,791.05 Lad Irrigation - \$745,163.71 SBIW, Inc \$381,284/\$404,513 The recommendation is to award the contract to Consolidated Supply Co. As detailed in the technical review of the three lowest bids, the two lower bids did not meet the required specifications, so are nonresponsive. 	Requested Action: Approve notice of intent to award contract for purchase of valves to Consolidated Supply Co. in the amount of \$650,734
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ATTACHMENTS: Technical Review Comments; Bids

Checkoffs:

() Dept. Head (copy)

To be notified of Meeting:

- () Budget (copy)
- () Legal (copy)

Scheduled for meeting on: November 9, 2022

Action taken:



Ordnance Project

ITB-001 Technical Review Comments

Prepared by IRZ Engineering & Consulting 12/19/22

SBIW Bid & Option Review Comments

- Line Item 5, 12, 14, 17 and 18.
 - Incomplete manufacturer cut sheets. Prices for components were significantly lower than other bids and the technical committee questions whether Supplier bid the items correctly.
- Line Item 7 (Zeco Option).
 - Class 125 flanges proposed and not as specified Class F (300lb).
- Line Item 16.
 - Class 150 flanges proposed and not as specified Class 300. No Lead time provided in bid sheet.
- Line Item 20, 21 and 22.
 - Incomplete manufacturer cut sheets. Prices for components were significantly lower than other bids and the technical committee questions whether Supplier bid the items correctly.
- Line Item 23.
 - No cutsheet provided. Pricing matched lined item 22 but the cut sheet for line item 22 does not meet specifications for line item 23. Total price and line-item/QTY price did not sum correctly.

HD Fowler Bid Review Comments

• No cutsheets were provided, therefore we were unable to verify any items met the required specifications.

Consolidated Supply Co. Bid Review Comments

• No technical issues were found with this bid.

Line Item 1	Short Description Wafer Butterfly Valve	ITB-001 Ordnance Project Phase 1 Valves Long Description 48" AB2 Series 400, Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator and 7ft Extension or Equal	Quantity	Quantity Unit of Measurement Unit Price (USD) Extended Price (USD) 3 EA \$67,019,00 \$201,057.00	Unit Price (USD) \$67,019.00	Extended Price (USD) \$201,057.00	Lead Time 30 weeks	
7	Wafer Butterfly Valve	48" ABZ Series 400, Class 150, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator and 11ft Extension or Equal	~	E	\$50,265.00	\$100,530.00	30 Weeks	T.
	Wafer Check Valve	42" Valmatic 8842, Cast Iron Body, Stainless Steel Trim, Aluminum Bronze Disc, Buna-N Seat, Class 125 Wafer Style, Dual Disc Check Valve or Equal	F	EA	\$51,965.00	\$51,965.00	50 Weeks	T
4	Dismantling Joint	42" Romac D1400, Class D, Dismantling Joint, D1400-42, or Equal 20" Crisoin. VR201/A140/P110. 5/16" Oriface. With Ontional Hoods Air	F	EA	\$6,846.00	\$6,846.00	8-10 Weeks	-
ы	Air Release Valve	Release Valve Assmebly or Equal	1	E	\$50,723.00	\$50,723.00	18-22 Weeks	_
	Lugged Butterfly Valve	20" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal	1	EA	\$2,577.00	\$2,577.00	26-28 Wceks	
~	Dismantling Joint	18" Romac, D1400, Class F, Dismantling Joint, D1400-18, or Equal	4	EA	\$3,835.00	\$15,340.00	8-10 Weeks	
00	Wafer Check Valve	18" Crane, ASME Class 300, Wafer Style Check Valve, 18G30SMF or Equal	4	EA	\$6,889.00	\$27,556.00	30 Weeks	
σ	Mag Flowmeter	with 120V Compact Mount Display or Equal	4	EA	\$15,360.00	\$61,440.00	24 Weeks	_
10	Wafer Butterfly Valve	18" ABZ Series 400, Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator or Equal	-CL	EA	\$5,605.00	\$28,025.00	26-28 Weeks	
п	Wafer Butterfly Valve	18" ABZ Series 400, Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator and 8ft Extension or Equal	П	EA	\$6,144.00	\$6,144.00	26-28 Weeks	-
1	Air Release Valve	16" Crispin, VR151/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	Ŧ	EA	\$22,295.00	\$22,295.00	18-22 Weeks	
13	Lugged Butterfiy Valve	16" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal	1	E	\$1,328.00	\$1,328.00	Stock	
14	Air Release Valve	12" Crispin, VR121/AL40/PL10, 3/8" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$12,880.00	\$12,880.00	18-22 Weeks	
15	Lugged Butterfly Valve	12" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal	1	E	\$602.00	\$602.00	Stock	
16	Pressure Relief Valve	12" Cla-Val 50-01, Class 300 Flanged, Pressure Relief Valve, w/Optional CK2 Isolation Valves, Drain to Atmosphere, X141 Pressure Gauges and X117D Valve Position Transmitter or Equal	H	5	\$28,557.00	\$28,557.00	10-12 Weeks	
17	Air Release Valve		1	Ę	\$7,770.00	\$7,770.00	18-22 Weeks	-
18	Air Release Valve	8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$7,770.00	\$7,770.00	18-22 Weeks	
19	Lugged Butterfly Valve	8" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal	2	EA	\$332.00	\$664.00	Stock	
50	Air Release Valve	4" Crispin, AL40/PL10, 5/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	2	EA	\$2,112.00	\$4,224.00	18-22 Weeks	
21	Air Release Valve		, i	EA	\$2,112.00	\$2,112.00	18-22 Weeks	
R	Air Release Valve	3" Crispin, Single Body, UL30, 1/8" Oriface, With Optional Hoods, Air Release Valve or Equal	S	EA	\$1,325.00	\$6,625.00	18-22 Weeks	

BID SHEET

Air Release Valve	3" Crispin, Deep Well, DL30, Air Release Valve or Equal	4	EA	\$976.00	\$3 704 00	18-22 Weels
				Bid Subtotal	\$650,734.00	5000 H 77-01
				Freight Total		\$0.00
				Total Bid Amoun	t \$650,734.00	

Bidder certifies this bid is valid for 60 calendar days.

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Bidder Consolidated Supply Co.

Address 1100 Walla Walla Ave. Wenatchee, WA 98801

By (Print) Ken Linck

By (Signed) Ken Linck

		ITB-001 Ordnance Project Phase 1 Valves				
tine hem	short Description	1.1.1.1	buantity Unit of Measu	Quantity Unit of Measurement Unit Price (USD) Extended Price (USD)	Extended Price (USD)	Lead Time
r.	Water Butterfly Valve	48° A&T Series 400, Class 300, Carbon Sterl Burly, PTFE Seat, Wafer Style. Butterfly Vaive W/Gsar Operator and 7ft Extension or Equal	3 EA	\$74,620.99	\$223,862.96	30 weeks
2	Wafer Butterfiy Vaive	18" AB2 Series 400, Class 150, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfity Vaive W/Goa: Operator and 11ft Extension or Equal	8	\$55,899.74	\$111,799,48	30 weeks
r,	a.		ສ 	\$55,023.53	\$55,023,53	50-54 weeks
*	Dismantling Joins	42" Romar DJ4(R), Class D, Dismantling Joini, DJ400-42, or Equai	2 EA	\$7,068.24	\$7,086.24	5-7 weeks
ю	Air Release Vaive	20° Grispin, VR201/AL40/PL30, 5/36° Oriface, With Optional Hoods, As Release Valve Assmebly or Equal	3	\$53,707,06	\$53,707.06	18-22 weeks
\$	Lugged Butterfly Value	~~~~~		\$2,745.32	\$2,745.32	20-22 weeks
P.	Dismantling Joint	18" Romac, Di400, Class F. Dismantling Joint, Dl400-18. or Equal	¢ EA	53,197,71	\$12,790.62	G-7 mmeks
20	Wafer Check Valve	18 [°] Crane, ASME Class 300, Wafer Style Creck Valve, 1863BSMF or Equal	4 EA	\$21,104.71	\$84,418.82	27-29 weeks
ø	Mag Flowmeter	18° Sietters, Class 300, Sitrans FM Mag 5100kl. with 120V Compact Mount Display or Equal	4 EA	\$16,443.53	\$65,774.12	24 weeks
I	Wafer Butterfly Valve	18" ARZ Series 400, Class 300, Carbon Steel Bouly, #17E Seat, Water Style, Butterfly Valve W/Gear Operator or Equal	S	\$6,114.40	\$30,572.00	26-28 weeks
11	Wafer Butterffy Valve	18" ABZ Series 400, Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, Butterliy Voive W/Gear Operator and 8ft Extension or Equal	1 E4	\$6,684.99	\$6,684.99	\$6,684.99 26-28 weeks
n	Ais Belease Valve	16° Crispin, VR161/ALK0/PL10, 7/15° Oriface, Writ: Optional Hoods, Air Release Valve Assembly or Equai	1 EA	\$23,605,88	\$23,605.88	18-22 weeks
ę	tuszed Butterfly Valve		1 EA	\$1,414,59	\$1,414.59	\$1,414.59 Stock to 2 weeks
2	Ar Release Valve	12° Crispin, VR121/ALAO/PL10, 3/8° Oriface, With Optional Hoods, Air Release Valve Arsembly or Equal	1 EA	\$13,637,65	\$13,637.65	18-22 weeks
15	lugged Butterfly Valve		: 54	\$640.80	\$640.80	\$640.80 Stock to 2 weeks
16	Pressure Relief Valve	1.2° Cla-Vai 50-01, Class 300 Flanged, Pressure Reilef Valve, w/Optionai COC2 Isolation: Vaives, Drain to Atmosphere, X141 Pressure Gauges and X117D Vaive Position Transmitter or Equal	t	\$30,236.47	\$30,236.47	10-12 weeks
17	સંહ સ્વરુક પ્રવાયક	8° Crisain, VRBJ/AiA0/PLIO, S/16° Onilace, With Optional Hoodis, Air Release Vative Assembly or Equal	1	\$16,454.12	\$16,454.12	18-22 weeks
18	Air Relzasz Vaiva	8" Crispir, VRR1/ALAO/PLID, 7/16" Ortfare, With Optional Hoods, Air Release Value Assembly or Squat	1 54	\$16,454.12	\$16,454.12	18-22 weeks
61	t uggeri Burterfly Valve		2 EA	\$352.80	\$705.60	\$352.80 \$705.60 Stock to 2 weeks
20	eir Helesse Value	4° Crispin, AL40/PLIG, S/18° Orface, With Optional Hoods, Air Release Vaive Assembly or Equal	2 EA	\$6,557.65	\$13,115.29	18-22 weeks
21	Air Refease Valun	4" Crispin, AlAG/FLIG, 3/8" Orfface, With Ciptional Boods, Air Releave Vaive Assembly of Equal	ۍ ۲	\$6,557.65	\$6,557.65	18-22 weeks
22	22 Air Reizase Valve	3° Crispör, Single Sody, U.30, 1,78° Oriface, With Optional Higods, Air Reisase Vaive of Rauzi	5 EA	\$6,858.82	\$34,294.12	18-22 weeks

BID SHEET ITB-001 Ordnance Draidet Dhase 1 Vali

	31 Crispin, Deep Well, DL30, Air Release Valve or Equal	4 EA	A \$358.56	\$3,454,64	58-22 weeks	
			Bid Subtotal	5315,418,27		
			Freight Total	Freight Included		
			Total Bid Amo	Total Bid Amount \$815,418,27		
Bidder certifies this bid is valid for 60 calendar days.	ər days.					
_{sidder} Ferguson Waterworks						
Address 1130 W. Washington St., Pasco, WA 99301	asco, WA 99301					
^{by} (Print) Jess Bergers						
By (Signed) Of Am	ſ					
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Jess Bergers Municipal Sates Intonoger Ferguson Waterworks 9125 RJ. Tymsail Partiand, GR. 97237 (503) 240-6747, Office (503) 240-6747, Office

jess.bergers/Arguson rom leiguson.com/vaterworks

3.80 Cabbon Steel (Body, PTE Seat, Water Style, operator and The Extension of Equal Operator and Extension of Equal Operator o	1 Short Description	=[_	11 B-UUL UTGRARCE Project Prase 1 Valves Long Description	intity Ur	vit of Measuremen	t Unit Price (USD)	Extended Price (USD)	Lead Time
 Stor Carbon Steel Body, PTE Seat, Wafer Style, Carbon Steel Body, PTE Seat, Wafer Style, Deteration and 111t Extension of Equal to Check Value of Landom State Style, Dual Doc Davider Style, Dual Doc Check Value of Landom State Style, Dual Doc Davider Style, Dual Doc Check Value of Landom State Style, Dual Doc Check Value of Landom State Style, Dual Doc Check Value of Landom State Style, Dual Doc Davider Style, Dual Doc Check Value Vision, DiAGO 18, or Equal C. Dismanting, Joint, DiAGO 218, or Equal E. Dismanting, Joint, JUSO Compact E. Dismanting, Joint, JUSO Compact, Lugged E. Dismanting, Joint, JUSO Compact, Ligged E. Dismanting, Joint, JUSO Compact, Ligged		48" ABZ Series 40 Butterfiy Valve W	Wafer Style,	, m	EA	64,563.78	193,691.34	
In the factor of the factor	48" ABZ Series 400 Wafer Butterfly Valve Butterfly Valve W/	48" ABZ Series 400 Butterfly Valve W/	, Class 150, Carbon Steel Body, PTFE Seat, Wafer Style, Gear Operator and 11ft Extension or Equal	2	EA	48,423.68	96,847.36	28 Weeks
D. Dismantling Joint, DidOod2, Air (PLU0, 5/16' Orficee, With Optional Hood5, Air (PLU0, 5/16' Orficee, With Optional Hood5, Air (PLU0, 5/16' Orficee, With Optional Hood5, Air (FDU0, 5/16' Orficee, With Optional Hood5, Air (FDU0, 716) E 7,971.55 7,573.12 7,573.12 7,573.12 7,573.12 7,573.12 7,573.12 7,573.12 7,573.12 7,573.12 7,573.12 7,573.12 7,573.12 7,573.12 7,573.12 7,573.12 7,573.12 7,573.12 7,574.16 7,573.12 7,574.16 7,573.12 7,574.16 7,573.12 7,574.16 7,573.12 7,574.16<	ų	42" Valmatic 8842 Bronze Disc, Buna Equal	, Cast Iron Body, Stainless Steel Trim, Aluminum -N Seat, Class 125 Wafer Style, Dual Disc Check Valve or		EA	48,718.75	48,718.75	56 Weeks
Whulo, Sylar Oriface, With Optional Hoods, Air I EA Y7,553.12 Y7,753.12 Y7,753.12 Y7,753.12 Y7,753.12 Y7,753.12 Y7,753.12 Y7,753.12 Y7,753.12 Y1,924.54 Y1,924.54 Y1,924.54 Y1,924.54 Y1,120	Dismantling Joint 42" Romac DJ400, Class	42" Romac DJ400	, Class D, Dismantling Joint, DJ400-42, or Equal	7	EA	7.971.56	7,411.56	
150, Ductile from Body, Buna-N Seat, Lugged Rated, Butterffy Valve WVGear Operator on Equal F. Dismantling Joint, DJ400-18, or Equal 1 2,374US 2,37UUS 2,37UUS F. Dismantling Joint, DJ400-18, or Equal 4 EA 10,45L21 11,9224.644 00, Water Style Check Valve, 186305MF for Equal 4 EA 15,192.394 Log-YU-SU 3300, Carbon Steel Body, PTE Seat, Wafer Style, Strans FM Mag S100M, with 120V Compact 5 EA 5,78228 20,114.140 3300, Carbon Steel Body, PTE Seat, Wafer Style, Sator, Staton Steel Budy, PTE Seat, Wafer Style, Sator, Staton Steel Body, Buna-N Seat, Lugged 1 1,2155.13 1,21255.13 1,7134.43 Sater, Butterfty Valve WVGear Operator on Equal in to Atmosphere, Xi41 Pressure Staty Lugged EA 1,7145.163 1,7134.163 </td <td>20" Crispin, VR201/AL40/PL10, 5, Air Release Valve Assmebly or Equal</td> <td>20" Crispin, VR201 Release Valve Assr</td> <td>/AL40/PL10, 5/16" Oriface, With Optional Hoods, Air nebly or Equal</td> <td></td> <td>EA</td> <td>47,553.12</td> <td>47,553</td> <td>24 weeks</td>	20" Crispin, VR201/AL40/PL10, 5, Air Release Valve Assmebly or Equal	20" Crispin, VR201 Release Valve Assr	/AL40/PL10, 5/16" Oriface, With Optional Hoods, Air nebly or Equal		EA	47,553.12	47,553	24 weeks
F. Dismantling Joint, DIddo-18, or Equal 4 EA Z_394'.33 q_577.32 00, Wafer Style Check Value. 18335MF or Equal 4 EA /oy15L.21 H1,824.18H Strans FM Mag \$100M, with 120V Compact 4 EA /oy15L.21 H1,824.18H 5 \$300, Carbon Steel Body, PTE Seat, Wafer Style, 5 EA 5,790.37 2,940.47 5 \$300, Carbon Steel Body, PTE Seat, Wafer Style, 1 EA 5,790.47 5,7700.47 5 \$300, Carbon Steel Body, PTE Seat, Wafer Style, 1 EA 5,790.47 5,7700.47 5 \$300, Carbon Steel Body, PTE Seat, Wafer Style, 1 EA 20,901.04 20,901.04 0 fequal 1 EA 20,901.04 20,901.04 20,901.04 0 r Equal 1 EA 20,901.04 20,901.04 0 r Equal 1 EA 1,217.1.13 1,225.13 0 r Equal 1 EA 1,217.1.13 1,225.13 0 r Equal 1 EA 20,901.04 20,901.04 20,911.04 0 r Equal 1 EA 1,217.1.13 1,225.13 <td< td=""><td>20" ABZ Series 397, Clas Lugged Butterfly Valve Style, Dead End Service</td><td></td><td>, Class 150, Ductile Iron Body, Buna-N Seat, Lugged rvice Rated, Butterfly Valve W/Gear Operator or Equal</td><td>FI</td><td>EA</td><td>2,376.45</td><td>2,376.65</td><td>28 Weeks</td></td<>	20" ABZ Series 397, Clas Lugged Butterfly Valve Style, Dead End Service		, Class 150, Ductile Iron Body, Buna-N Seat, Lugged rvice Rated, Butterfly Valve W/Gear Operator or Equal	FI	EA	2,376.45	2,376.65	28 Weeks
00, Wafer Syle Check Value, 18G30SMF or Equal4EA $[n, 4/5L, 21]$ $ \mathbf{H} , g24., g4 $ Sitrans FM Mag S100M, with 120V Compact4EA $ \mathbf{S}, 192, 33 $ $\mathbf{L}_0, 7\mathbf{C} \mathbf{Y}, 5\mathbf{C}$ \mathbf{S}_1 Sol Carbon Steel Body, PTFE Seat, Wafer Style,5EA $ \mathbf{S}, 192, 33 $ $\mathbf{L}_0, \mathbf{Y}(11, 40)$ \mathbf{S}_1 Derator or Equal3 300, Carbon Steel Body, PTFE Seat, Wafer Style,1EA $\mathbf{S}, 730, 37$ $\mathbf{S}, 770, 37$ $\mathbf{S}, 770, 37$ Sol Carbon Steel Body, PTFE Seat, Wafer Style,1E $\mathbf{S}, 730, 37$ $\mathbf{S}, 770, 37$ $\mathbf{S}, 770, 37$ $\mathbf{S}, 770, 37$ Sol Carbon Steel Body, PTFE Seat, Wafer Style,1E $\mathbf{S}, 730, 37$ $\mathbf{S}, 770, 37$ $\mathbf{S}, 770, 37$ $\mathbf{S}, 770, 37$ Operator or Equal1E $\mathbf{S}, 730, 37$ $\mathbf{S}, 770, 37$ $\mathbf{S}, 770, 37$ $\mathbf{S}, 770, 37$ $\mathbf{S}, 770, 37$ Operator or Equal1E $\mathbf{Z}, 771, 187$ $\mathbf{S}, 770, 37$ $\mathbf{S}, 770, 37$ $\mathbf{S}, 770, 37$ $\mathbf{S}, 770, 37$ Operator or Equal1E $\mathbf{Z}, 771, 187$ $\mathbf{S}, 770, 37$ $\mathbf{S}, 720, 37$ $\mathbf{S}, 720, 37$ $\mathbf{S}, 720, 37$ $\mathbf{S}, 720, 37$ Operator or Equal1E $\mathbf{Z}, 771, 187$ $\mathbf{Z}, 771, 187$ $\mathbf{S}, 720, 37$	Dismantling Joint 18" Romac, DJ400,	18" Romac, DJ400,	. Class F, Dismantling Joint, DJ400-18, or Equal	4	EA	z,394.33	9,577.32	16 Weeks
Sitrans FM Mag S100M, with 120V Compact 4 EA EA ES 100, with 120V Compact 3 50, Carbon Steel Body, PTFE Seat, Wafer Style, 5 EA 5 7390.377 5 7790.777 5 57790.777 5 500, Carbon Steel Body, PTFE Seat, Wafer Style, 5 EA 5 7790.377 5 7790.777 5 500, Carbon Steel Body, PTFE Seat, Wafer Style, 1 E 2 5 7790.377 5 7790.377 5 500, Carbon Steel Body, PTFE Seat, Wafer Style, 1 E 2 5 5 2 2 2 2 2 2 2 2 2 2	Wafer Check Valve 18" Crane, ASME C	18" Crane, ASME C	class 300, Wafer Style Check Valve, 18G30SMF or Equal	4	EA	12.754.01	41,824.84	32 Weeks
3 300, Carbon Steel Body, PTE Seat, Wafer Style, 5 EA 5,7383.2.28 2U, 4114O Oberator or Faual Deretor or Faual 5,790.77 5,790.77 5,790.77 5,790.77 Operator and 8ft Extension or Faual Deretor or Faual 20,901.04 20,901.04 20,901.04 OPERator and 8ft Extension or Faual 1 EA 20,901.04 20,901.04 20,901.04 OPErator and 8ft Extension or Faual 1 EA 20,901.04 20,901.04 20,901.04 or Equal 1 EA 20,901.04 20,901.04 20,901.04 20,901.04 or Equal 1 EA 1,215.113 1,225.13 20,213 20,213 // PLI0, 3/8° Ontriace, With Optional Hoods, Air 1 EA 1,215.113 1,225.13 2,7311.85 // PLI0, 3/8° Ontriace, With Optional Hoods, Air EA 1,215.13 1,725.13 2,7341.85 2,7341.85 // PLI0, 3/8° Ontriace, With Optional Hoods, Air EA 2,073.04 1,7354.1.35 2,7341.35 2,7341.35 2,136 2,7341.35 2,7341.35 2,136 2,1354.1.35 2,136 2,1354.1.35 2,136 2,136	Mag Flowmeter Mount Display or Equal	18" Siemens, Class Mount Display or I	: 300, Sitrans FM Mag 5100M, with 120V Compact Equal	4	EA	15,192,39	60,769.56	32 weeks
3 300, Carbon Steel Body, PITE Seat, Wafer Style, 1 EA 5,740.471 5,740.471 Operator and Sit Extension or Equal 1 EA 20,901.04 20,901.04 20,901.04 0 FLU0, 7/15" Oriface, With Optional Hoods, Air 1 EA 20,901.04 20,901.04 20,901.04 1 S150, Ductile iron Body, Buna-N Seat, Lugged 1 EA 1,2155.13 1,2255.13 Rated, Butterfly Valve W/Gear Operator or Equal 1 EA 1,2155.06 12,075.00 0 FEL00, 3/5" Oriface, With Optional Hoods, Air 1 EA 1,2155.13 1,3734.63 0 FEL00, 3/50 Outcile iron Body, Buna-N Seat, Lugged 1 EA 1,2137.63 1,1747.63 0 FEL00, 3150 Outcile iron Body, Buna-N Seat, Lugged 1 EA 26,7741.87 2,7741.87 0 FEQUAL 1 EA 26,7741.87 2,7741.87 2,7344.37 2,1344.37 0 FEQUAL 1 EA 7,2444.37 7,2844.37 2,1344.37 2,1344.37 2,1344.37 2,1344.37 2,1344.37 2,1344.37 2,1344.37 2,1344.37 2,1344.37 2,1344.37 2,1344.37 2,1344.37 2,1364.37 2,110.745	18" ABZ Series 400, Wafer Butterfly Valve W/(18" ABZ Series 400, Butterfly Valve W/(Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, Sear Operator or Equal	2	EA	5,282.28	04.114.42	28 weeks
VPLID, 7/16" Oriface, With Optional Hoods, Air I EA 20,901.04 20,901.04 or Equal 1 EA 1,725.13 1,225.13 1,225.13 Rated, Butterfity Valve W(Geer Operator or Equal 1 EA 1,725.13 1,225.13 <i>PFLID, 3/8" Oriface, With Optional Hoods, Air</i> 1 EA 1,725.13 1,225.13 <i>PFLID, 3/8" Oriface, With Optional Hoods, Air</i> 1 EA 1,7379.06 17,075.00 <i>OF Equal</i> 1 EA 1,7379.163 1,7379.163 1,7379.163 Sof Flanged, Pressure Relief Valve, W(Optional 1 EA 1,7379.163 1,7379.163 Sof Flanged, Pressure Relief Valve, W(Dotional 1 EA 7,244.37 7,184.137 Sof Flanged, Pressure Relief Valve, W(Dotional Hoods, Air 1 EA 7,244.37 7,184.37 Sof Flanged, Pressure Relief Valve, W(Dotional Hoods, Air 1 EA 7,244.37 7,184.37 2,194.137 Sof Cylare, With Optional Hoods, Air 1 EA 7,244.37 7,1284.137 2,104.134 Sof Cylare, With Optional Hoods, Air 1 EA 7,244.37	18" ABZ Series 400, Wafer Butterfly Valve	18" ABZ Series 400, Butterfly Valve W/0	Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, Sear Operator and 8ft Extension or Equal		EA	5,390.97	5,790.97	28 Weeks
S150, Ductile iron Body, Buna-N Seat, Lugged Rated, Butterfly Valve W/Gear Operator or Equal Rated, Butterfly Valve W/Gear Operator or Equal or EqualIEI, 2155, 131, 225, 1328Rated, Butterfly Valve W/Gear Operator or Equal or Equal1EPL, 0715, 0011, 0715, 0024S150, Ductile Iron Body, Buna-N Seat, Lugged Bated, Butterfly Valve W/Gear Operator or Equal1EPL, 0715, 0611, 0715, 0624S150, Ductile Iron Body, Buna-N Seat, Lugged Bated, Butterfly Valve W/Gear Operator or Equal1E26, 7711, 8728S105 Flance, With Optional Ansmitter or Equal1E7, 284, 377, 284, 3724/S105 Flance, With Optional Hoods, Air or Equal1E7, 284, 377, 284, 3728S105 Flance, With Optional Hoods, Air1E7, 384, 377, 284, 3728S105 Outcile Iron Body, Buna-N Seat, Lugged Bated, Butterfly Valve W/Gear Operator or Equal2824/S105 Oriface, With Optional Hoods, Air or Equal1E7, 935, 47228S105 Oriface, With Optional Hoods, Air Release2826/306, 3424S105 Oriface, With Optional Hoods, Air Release28262828S105 Oriface, With Optional Hoods, Air Release288206, 3424S105 Oriface, With Optional Hoods, Air Release28262828S105 Oriface, With Optional Hoods, Air Release28262829S105 Oriface, With	Air Release Valve Release Valve Assembly or Equal	16" Crispin, VR161/ Release Valve Assei	AL40/PL10, 7/16" Oriface, With Optional Hoods, Air mbly or Equal		EA	20,901.04		24 Weeks
VPL10, 3/8 Oriface, With Optional Hoods, AirIEAI2, O75, OO24or Equal c Equal1EAI2, O75, OO24or Equal1EAI, 7379, LG1, 7371, C328S150, Ductile Iron Body, Buna-N Seat, Lugged1EAI, 7379, LG128Rated, Butterfly Valve W/Gear Operator or Equal1EA24, 731, 872728300 Flanged, Pressure Relief Valve, W/Optional1EA24, 731, 872724ansmitter or Equal1EA7, 284, 377, 284, 372428L10, 7/16" Oriface, With Optional Hoods, Air1EA7, 284, 377, 284, 3728L10, 7/16" Oriface, With Optional Hoods, Air1EA7, 284, 377, 284, 3728L10, 7/16" Oriface, With Optional Hoods, Air1EA7, 384, 377, 284, 3728L10, 7/16" Oriface, With Optional Hoods, Air Release2EA1, 935, 423, 870, 8424L10, 7/16" Oriface, With Optional Hoods, Air Release2EA1, 935, 422424L10, 7/16" Oriface, With Optional Hoods, Air Release2EA1, 935, 422424L10, 7/16" Oriface, With Optional Hoods, Air Release1EA1, 935, 422424L10, 7/16" Oriface, With Optional Hoods, Air Release1EA1, 935, 422424L10, 1/16" Oriface, With Optional Hoods, Air5EA1, 935, 422424L10, 1/16" Oriface, With Optional H	Lugged Butterfly Valve Style, Dead End Service	-	, Class 150, Ductile Iron Body, Buna-N Seat, Lugged rvice Rated, Butterfly Valve W/Gear Operator or Equal	F	EA	1,225.13	1,225,13	28 Weeks
s 150, Ductile Iron Body, Buna-N Seat, Lugged Rated, Butterfity Valve W/Gear Operator of Equal in to Atmosphere, X141 Pressure Relief Yalve, w/Optional ansmitter on Equal ansmitter on Equal L10, 7/16" Oriface, With Optional Hoods, AirII282810, Atmosphere, X141 Pressure Gauges and ansmitter on Equal ansmitter on Equal1E222210, Atmosphere, X141 Pressure Gauges and ansmitter on Equal1E2222110, 7/16" Oriface, With Optional Hoods, Air of Equal1E77722110, 7/16" Oriface, With Optional Hoods, Air1E77722110, 7/16" Oriface, With Optional Hoods, Air1E77722110, 7/16" Oriface, With Optional Hoods, Air1E777222110, 7/16" Oriface, With Optional Hoods, Air1E777222150, Ductile Iron Body, Buna-N Seat, Lugged Rated, Butterfity Valve W/Gear Operator of Equal Relia"2E177222150, Ductile Iron Body, Buna-N Seat, Lugged Rated, Butterfity Valve W/Gear Operator of Equal Relia"2E1732222150, Oriface, With Optional Hoods, Air Release R1EE17322222150, 158" Oriface, With Optional Hoods, Air1EE1322	Air Release Valve Release Valve Assembly	12" Crispin, VR121/ Release Valve Asser	AL40/PL10, 3/8" Oriface, With Optional Hoods, Air mbly or Equal	-	EA	12.075.00	12,075.00	24 Weeks
300 Flanged, Pressure Relief Valke, W/Optional 1 EA 26,741.87 1/4 ansmitter or Equal 110,5/16" Oriface, With Optional Hoods, Air 1 EA 7,284.37 7,284.37 24/ ansmitter or Equal 110,5/16" Oriface, With Optional Hoods, Air 1 EA 7,284.37 7,284.37 24/ 110,5/16" Oriface, With Optional Hoods, Air 1 EA 7,284.37 7,284.37 28 110,5/16" Oriface, With Optional Hoods, Air 1 EA 7,284.37 7,284.37 28 110,5/16" Oriface, With Optional Hoods, Air 1 EA 7,284.37 7,284.37 28 110,5/16" Oriface, With Optional Hoods, Air Release 2 EA 1,935.42 3/4 28 115" Oriface, With Optional Hoods, Air Release 2 EA 1,935.42 7,935.42 24 115" Oriface, With Optional Hoods, Air Release 1 EA 1,935.42 1,935.42 24 1130, 1/8" Oriface, With Optional Hoods, Air Release 1 EA 1,935.42 1,91 24	Lugged Butterfly Valve Style, Dead End Service		Class 150, Ductile Iron Body, Buna-N Seat, Lugged vice Rated, Butterfly Valve W/Gear Operator or Equal		EA	1,779.63	1,779.63	28 Weeks
L10, 5/16" Oriface, With Optional Hoods, Air 1 EA 7 , 2 , 3 , 4 , 3 , 3 2 , 4 or Equalor Equal 1 EA 7 , 2 , 3 , 4 , 3 , 3 2 , 4 2 , 4 L10, 7/16" Oriface, With Optional Hoods, Air 1 EA 7 , 2 , 3 , 4 , 3 , 3 2 , 2 L10, 7/16" Oriface, With Optional Hoods, Air 1 EA 7 , 2 , 3 , 2 , 4 , 3 2 L50, Ductile Iron Body, Buna-N Seat, Lugged 2 EA 3 , 2 , 3 , 3 , 4 , 3 2 L16" Oriface, With Optional Hoods, Air Release 2 EA 1 , 9 , 3 , 3 , 4 2 NameNith Optional Hoods, Air Release 2 EA 1 , 9 , 3 , 3 , 4 2 NameNith Optional Hoods, Air Release 1 EA 1 , 9 , 3 , 4 2 NameNith Optional Hoods, Air Release 1 EA 1 , 9 , 3 , 4 2 NameNith Optional Hoods, Air Release 1 EA 1 , 7 1 , 9 2 NameNith Optional Hoods, Air Release 1 EA 1 , 1 , 3 2 2 NameNith Optional Hoods, Air 5 EA 1 , 3 1 , 4 2 2 NameNith Optional Hoods, Air 5 EA 1 , 2 1 , 2 2 2 NameNith Optional Hoods, Air 5 EA 1 , 2 2 2 2 NameNith Optional Hoods, Air 5 EA 1 , 2 2 2 2 <td>12" Cla-Val 50-01, C CK2 Isolation Valve Pressure Relief Valve X117D Valve Positi</td> <td>12" Cla-Val 50-01, 0 CK2 Isolation Valve X117D Valve Positi</td> <td>Lass 300 Flanged, Pressure Relief Valve, w/Optional 5, Drain to Atmosphere, X141 Pressure Gauges and on Transmitter or Equal</td> <td>н</td> <td>EA</td> <td>£8.154,22</td> <td>48.144'7Z</td> <td>14 Weeks</td>	12" Cla-Val 50-01, C CK2 Isolation Valve Pressure Relief Valve X117D Valve Positi	12" Cla-Val 50-01, 0 CK2 Isolation Valve X117D Valve Positi	Lass 300 Flanged, Pressure Relief Valve, w/Optional 5, Drain to Atmosphere, X141 Pressure Gauges and on Transmitter or Equal	н	EA	£8.154,22	48.144'7Z	14 Weeks
L10, 7/16" Oriface, With Optional Hoods, Air 1 EA 7, 284, 37 7, 284, 37 28 150, Ductile Iron Body, Buna-N Seat, Lugged 15 EA 306, 34 612, 68 28 150, Ductile Iron Body, Buna-N Seat, Lugged 2 EA 306, 34 612, 68 28 150, Ductile Iron Body, Buna-N Seat, Lugged 2 EA 306, 34 612, 68 28 156" Oriface, With Optional Hoods, Air Release 2 EA 1,935,42 3,8370,84 74 16" Oriface, With Optional Hoods, Air Release 1 EA 1,935,42 1,935,42 24 1130, 1/8" Oriface, With Optional Hoods, Air 5 EA 1,214,58 L, 6, 72, 79 24	8" Crispin, VR81/AL40/PL10, 5/16 Air Release Valve Assembly or Equal	8" Crispin, VR81/Al Release Valve Asse	.40/PL10, 5/16" Oriface, With Optional Hoods, Air mbly or Equal		EA	7,294.37	7,284.37	24 Weeks
150, Ductile Iron Body, Buna-N Seat, Lugged 2 EA 306.34 612.68 28 Rated, Butterfly Valve W/Gear Operator or Equal 2 EA 306.34 612.68 28 116" Oriface, With Optional Hoods, Air Release 2 EA 1,935.42 3,8320.84 24 18" Oriface, With Optional Hoods, Air Release 1 EA 1,935.42 1,935.42 24 10.30, 1/8" Oriface, With Optional Hoods, Air 5 EA 1,214.58 6,032.70 24	8" Crispin, VR81/AL40/P Air Release Valve Assembly	8" Crispin, VR81/AI Release Valve Asse	L40/PL10, 7/16" Oriface, With Optional Hoods, Air mbly or Equal	FT FT	EA	7,284.37	7,284.37	28 weeks
2 EA 1,935.42 3,840.84 24 1 EA 1,935.42 1,935.42 24 5 EA 1,214.58 6,032.90 24	8" ABZ Series 397, Class Uugged Butterfly Valve Style, Dead End Service	8" ABZ Series 397 Style, Dead End S	, Class 150, Ductile Iron Body, Buna-N Seat, Lugged ervice Rated, Butterfly Valve W/Gear Operator or Equal	5	EA	306.34	612.68	28 Weeks
1 EA 1,935.42 1,935.42 5 EA 1,214.58 6,072.90 1	Air Release Valve Valve Assembly or Equa	4" Crispin, AL40/F Valve Assembly o	'110, 5/16" Oriface, With Optional Hoods, Air Release r Equal	2	EA	1,935.42	3,870,84	24 Weeks
UL30, 1/8" Oriface, With Optional Hoods, Air 5 EA 1, 214.58 6, 6, 6 22. 30	Air Release Valve Valve Assembly or Equa	4" Crispin, AL40/F Valve Assembly o	u10, 3/8" Oriface, With Optional Hoods, Air Release r Equal	Г	EA	1,935.42		zy weeks
	3" Crispin, Single Body, Air Release Valve or Equal	3" Crispin, Single E Release Valve or E		5	EA	1,214.58	6,072.90	24 wheeks

ITB-001 Ordnance Project Phase 1 Valves

BID SHEET

Deep Well, DL30, Air Release Valve or Equal	r Equal 4 EA		848.81 3,395.24
	Bid S	d Subtotal	634.741.36
	Freig	reight Total	5,000,00
	Total	otal Bid Amount	639.741.36

Bidder certifies this bid is valid for 60 calendar days.

Bidder HD Fowler Company Address 1336 Dictrich Road Pasco, WA 99301

By (Print) TYLER TOMPHINS

By (Signed)

		BID SHEET					
		ITB-001 Ordnance Project Phase 1 Valves					
Line Item	Short Description	Long Description	quanty	Unit of Measurement	Unit Price (USD)	Extended Price (USD)	lead time
1	Wafer Butterfly Valve	48" ABZ Series 400, Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator and 7ft Extension or Equal	m	EA	\$ 87,189.78	\$ 261,569,33	30 weeks
2	Wafer Butterfly Valve	48" ABZ Series 400, Class 150, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator and 11ft Extension or Equal	2	EA	\$ 64,794.97	\$ 129,589.94	30 weeks
ñ	Wafer Check Valve	titan cv41dsb4200 DUCTILE IRON ANSI CLASS 150 DUAL DISC WAAFER CHECK, SS DISC, SHAFT AND SPRING BUNA N SEAT	1	EA	\$ 33,677.58	\$ 33,677.58	18 weeks
4	Dismantling Joint	smith blair 97518001860003 18" DISMANTLING JOINT, RESTRAINED, 18" AWWA-F FLANGES, FUSION BONDED EPOXY COATED, BUNA-N GASKET, ALLOY BOLTS/NUTS ** 250/300# DRILL PATTERN **		EA	\$ 6,694.44	\$ 6,694.44	10 weeks
ы	Air Release Vaive	20" Crispin, VR201/AL40/PL10, 5/16" Oriface, With Optional Hoods, AirRelease Valve Assmebly or Equal	1	EA	\$ 54,541.11	\$ 54,541.11	22 weeks
ę	Lugged Butterfly Valve	20" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal	1	EA	\$ 3,745.16	\$ 3,745.16	30 weeks
7	Dismantling Joint	smith blair 97542004200003 42" DISIMANTLING JOINT, RESTRAINED, 42" AWWA-D FLANGES, FUSION BONDED EPOXY COATED, BUNA-N GASKET, ALLOY BOLTS/NUTS	4	EA	\$ 3,750.26	\$ 15,001.02	10 weeks
00	Wafer Check Valve	titan cv44csb1800 CARBON STEEL ANSI CLASS 300 DUAL DISC WAFER CHECK SS DISC AND SHAFT, ICONEL SPRING BUNA N SEAT	4	EA	\$ 6,622.08	\$ 26,488.30	18 weeks
თ	Mag Flowmeter	McCrometer Ultra Mag UM18-3HR025A1-HL ANSI 300# (300 PSI RATING) HASTELLOY ELECTRODES, REMOTE MOUNT DISPLAY 25', AC POWERED, DUAL 4-20mA ANALOG, DUAL DIGITAL OUTPUTS, CLASS I, DIVISION 2, GROUPS A-D, TS LOCATIONS	4	EA	\$ 10,635.59	\$ 42,542.35	6 weeks
10	Wafer Butterfly Valve	18" ABZ Series 400, Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator or Equal	5	EA	\$ 7,218.39	\$ 36,091.94	30 weeks
11	Wafer Butterfly Valve	18" ABZ Series 400, Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator and 8ft Extension or Equal	1	ÊA	\$ 7,757.29	\$ 7,757.29	30 weeks
12	Air Release Valve	16" Crispin, VR161/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal		EA	\$ 23,972.22	\$ 23,972.22	22 weeks
13	Lugged Butterfly Valve	16" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfiy Valve W/Gear Operator or Equal	1	EA	\$ 1,929.78	\$ 1,929.78	30 weeks
14	Air Release Valve	12" Crispin, VR121/AL40/PL10, 3/8" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	ъ	EA	\$ 13,848,89	\$ 13,848.89	22 weeks
15	Lugged Butterfly Valve	12" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal	1	EA	\$ 874.18	\$ 874.18	30 weeks
16	Pressure Relief Valve	12" Cla-Val 50-01, Class 300 Flanged, Pressure Relief Valve, w/Optional CK2 Isolation Valves, Drain to Atmosphere, X141 Pressure Gauges and X117D Valve Position Transmitter or Equal	1	EA	\$ 28,556.67	\$ 28,556.67	12 weeks
17	Air Release Valve	8" Crispin, VR81/AL40/PL10, 5/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$ 8,354,44	\$ 8,354,44	22 weeks
18	Air Release Valve	8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$ 8,354.44	\$ 8,354.44	22 weeks
19	Lugged Butterfly Valve	8" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal	2	EA	\$ 481.29	\$ 962.58	30 weeks
20	Air Release Valve	4" Crispin, AL40/PL10, 5/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	2	EA	\$ 2,218.89	\$ 4,437.78	22 weeks
21	Air Release Valve	4" Crispin, AL40/PL10, 3/8" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$ 2,218.89	\$ 2,218.89	22 weeks
22	Air Release Valve	3" Crispin, Single Body, UL30, 1/8" Criface, With Optional Hoods, Air Release Valve or Equal	ъ	EA	\$ 1,392,22	\$ 6,961.11	22 weeks

BID SHEET

Bid Subtotal \$ 721,791.0 Freight Total \$ - Total Bid Amount \$ 721,791.0	\$ 721, \$ In \$ 721,	2	23 Air Release Valve	3" Crisplin, Deep Well, DL30, Air Release Valve or Equal	4	EA	\$ 905.40	\$ 0	3,621.60	22 weeks
\$ D	\$						Bid Subtotal	s		721,791.05
n S	n \$						Freight Total	Ş		æ
							Total Bid Amou	n \$		721,791.05

Bidder ISAACE + Jesseihes Le Address 3200 ISAACE Ave Undla Wa 99362 By (Print) Scott & Mcaace Ave Undla Wa 99362 By (signed)

$\begin{array}{c} 34 \\ 34 \\ 34 \\ 34 \\ 34 \\ 34 \\ 34 \\ 34 $	Short Description	11 B-UU1 Ordnance Project Phase 1 Valves	ttity Unit of Me	asurement	Unit Price (USD)	Quantity Unit of Measurement Unit Price (USD) Extended Price (USD)	Lead Time	
aff "ABZ Series 400, Class 150, Carbon Steel Body, PTE Seat, Wafer Style, Burterfry Value WyGear Operator and 11th Extension or Equal Browne Duc, Bunah Near, Class 150, Varfer Style, Dual De Check Value or Browne Duc, Bunah Near, Class 150, Varfer Style, Dual De Check Value or Browne Duc, Bunah Near, Class 150, Varfer Style, Dual De Check Value or Eural Browne Duc, Bunah Near, Class 150, Dinfan, Murfinum 36, 215, 74 Browne Duc, Bunah Near, Class 150, Dinfan, Murfinum Browne Duc, Bunah Near, Class 150, Dinfan, Murfinum 36, 215, 74 Browne Duc, Bunah Near, Ulay De Mondal Hoods, Air Release Valve Assmethy or Equal 1 1 18, 611, 96 20 ^r Marx Series 397, Class 150, Durchle Iron Body, Bunah N Sext, Lugged 4 EA 41384.33 20 ^r Marx Series 307, Class 150, Durchle Iron Body, With 720 V Compat. 4 EA 11,563.332 20 ^r Marx Series 307, Class 300, Carbon Steel Body, PTE Seat, Waffer Style, Bar Seriers, Class 300, Carbon Steel Body, PTE Seat, Waffer Style, Butterffy Value WyGear Operation or Equal 4 EA 11,583.332 18 ^r Serieres, Class 300, Carbon Steel Body, PTE Seat, Waffer Style, Butterffy Value WyGear Operation of Equal 1 12,466.5.54 18 ^r Serieres, Class 300, Carbon Steel Body, PTE Seat, Waffer Style, Butterffy Value WyGear Operation of Equal 1 1,046.2.23 18 ^r Serieres, State Mark Style, De Ed As Carbon Steel Body, PTE Seat, Waffer Style, Butterffy Value WyGear Operation of Equal 1 <td><u>a</u></td> <td>Wafer Style,</td> <td>. m</td> <td>A</td> <td>71,448.70</td> <td>214,346.10</td> <td>34</td> <td>S</td>	<u>a</u>	Wafer Style,	. m	A	71,448.70	214,346.10	34	S
42. Valmente B84, Cast Iron Body, Stainles Steel Trim, Alluminum 36,215,74 6 growne Disc, Burn-N Sear, Cass 125, Wafer Style, Dual Disc Check Value or Equal 1 EA 7,266.65 6 20. Creptin, VEXDULARSP, Dismantling Joint, DidOd-2, or Equal 1 EA 7,276.65 7 20. Creptin, VEXDULARSP, Dismantling Joint, DidOd-2, or Equal 1 EA 7,276.65 20. Creptin, VEXDULARSP, Dismantling Joint, DidOd-2, or Equal 1 EA 7,376.54 20. Tags Zenries 397, Class 150, Durdle Iron Body, Burne N Seat, Lugged 1 EA 7,376.65 20. Tags Zenries 397, Class 150, Durdle Iron Body, Wick ToCass 300, Wafer Style 4 EA 11,563.32 218' Renner, Didoo, Class 5, Dismantling Joint, Didoo, Class 300, Strants FM Mag 5100M, with 120V Compact 4 EA 11,563.32 218' Renner, Class 300, Strants FM Mag 5100M, with 120V Compact 4 EA 11,563.32 218' Stemes, Glass 300, Strants FM Mag 5100M, with 120V Compact 4 EA 11,593.32 218' Stemes, Glass 300, Strants FM Mag 5100M, with 120V Compact 4 EA 11,593.32 218' Stemes, Glass 300, Strants FM Mag 5100M, with 120V Compact EA 11,563.32 218' Stemes, Glass 300, Strants FM Mag 5100M, with 120V Compact EA	e e			4	61384.70	122769.40		sks
42* Rome D400, Clas D Dismantling Joint, D400-42, or Faual 1 EA 7,278.56 62* Crispin, WR2U/Ad/PLUD, 5/15* Orfface, With Optional Hoods, Mir 1 EA 58,285.97 72* Crispin, WR2U/Ad/PLUD, 5/15* Orfface, With Optional Hoods, Mir 1 EA 58,285.97 72* Preseas 337, Class 150, Ductile fron Body, Buna-N Sear, Lugged 4 EA 4138.43 13* Remace, D400, Class 150, Ductile fron Body, Buna-N Sear, Lugged 4 EA 11,593.32 18* Table Stering States FM Mag 5100M, with 120V Compact 4 EA 12,465.54 18* Table Stering States FM Mag 5100M, with 120V Compact 4 EA 12,603.32 18* Table Stering States FM Mag 5100M, with 120V Compact 4 EA 12,603.32 18* REZ Series 400, Class 300, Wrifer State 1 1 5,618.18 18* REZ Series 400, Class 300, Under Style 1 1 EA 12,603.32 18* REZ Series 400, Class 100 1 1 EA 1 1,046.23 18* REZ Series 400, Class 100 1 1 EA 14,799.76 18* REZ Series 400, Class 100 1 1 EA 14,7799.76 18* REZ Series 400, Class 100		42" Valmatic 8842, Cast Iron Body, Stainless Steel Trim, Aluminum Bronze Disc, Buna-N Seat, Class 125 Wafer Style, Dual Disc Check Valve or Equal		5	36,215.74	36,215.74		ks
20° Crispin, M201/A40/PLI0, 5/15° Orfice, With Optional Hoods, Air 1 Eq. 58,285.97 20° Tassin, M201/A40/PLI0, 5/15° Orfice, With Optional Hoods, Air 1 Eq. 1,861.96 20° Tassin, State state, Butter frow Nalew Nisear, Lunged 1 E A,1384.63 20° Tassing State state, Butter frow Nalew Nisear, Lunged 1 E A,1384.53 20° Tassing State state, Butter frow Nalew Nisear, Lunged 4 EA A,1384.53 15° Teame, State State State State State Style 4 EA 11,593.32 15° Teame, State State State State State State State Style 5 6,0355.34 15° M22 Series 400, Class 300, Under Stele Body, PTE Seat, Wafer Style 5 6,0355.34 16° M22 Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style 5 6,0355.34 18° M22 Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style 5 6,0355.34 18° M22 Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style 5 6,0355.34 18° M22 Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style 5 6,0355.34 18° M22 Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style 5 1,7,465.54		42" Romac DJ400, Class D, Dismantling Joint, DJ400-42, or Equal		A	7,276.56	7,276.56	23	
20 [°] R4Z Series 397, Gass 150, Ductile Iron Body, Bune N Seat, Lugged 59(b, Dead Fer Vere Rated, Butterffy Valve W/Gear Operator or Equal 18 [°] Remac, DJ400, Gass F, Dismantling Joint, DJ400-J8, or Equal 18 [°] Carne, ASME Class 300, Wafer Style Check Valve, 18G30SM for Equal 18 [°] Siemens, Class 300, Wafer Style Check Valve, 18G30SM for Equal 18 [°] Siemens, Class 300, Wafer Style Check Valve, 18G30SM for Equal 18 [°] Siemens, Class 300, Wafer Style Check Valve, 18G30SM for Equal 18 [°] Siemens, Class 300, Wafer Style Check Valve, 18G30SM for Equal 18 [°] Siemens, Class 300, Wafer Style Check Valve, 18G30SM for Equal 18 [°] Siemens, Class 300, Class 300, Carbon Steel Body, PTE Seat, Wafer Style, 18 [°] ARZ Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style, 18 [°] Crispin, VR15/LAUOPULD, 7/15 [°] Oriface, With Optional Hoods, Air 16 [°] Crispin, VR15/LAUOPULD, 7/15 [°] Oriface, With Optional Hoods, Air 16 [°] Crispin, VR15/LAUOPULD, 7/15 [°] Oriface, With Optional Hoods, Air 16 [°] Crispin, VR15/LAUOPULD, 7/15 [°] Oriface, With Optional Hoods, Air 16 [°] Crispin, VR15/LAUOPULD, 7/15 [°] Oriface, With Optional Hoods, Air 16 [°] Crispin, VR15/LAUOPULD, 7/15 [°] Oriface, With Optional Hoods, Air 16 [°] Crispin, VR15/LAUOPULD, 7/15 [°] Oriface, With Optional Hoods, Air 17 [°] Crispin, VR15/LAUOPULD, 7/15 [°] Oriface, With Optional Hoods, Air 12 [°] Crispin, VR12/LAUOPULD, 7/15 [°] Oriface, With Optional Hoods, Air 12 [°] Crispin, VR12/LAUOPULD, 7/15 [°] Oriface, With Optional Hoods, Air 12 [°] Crispin, VR12/LAUOPULD, 7/15 [°] Oriface, With Optional Hoods, Air 12 [°] Crispin, VR12/LAUOPULD, 7/15 [°] Oriface, With Optional Hoods, Air 12 [°] Crispin, VR12/LAUOPULD, 5/15 [°] Oriface, With Optional Hoods, Air 12 [°] Crispin, VR12/LAUOPULD, 5/15 [°] Oriface, With Optional Hoods, Air 12 [°] Crispin, VR12/LAUOPULD, 5/15 [°] Oriface, With Optional Hoods, Air 12 [°] Crispin, VR12/LAUOPULD, 5/15 [°] Oriface, With Optional Hoods, Air 12 [°] Crispin, VR12/LAUOPULD, 5/15 [°] Oriface, With Optional Hoods, Air 12 [°] Crispin,		20" Crispin, VR201/AL40/PL10, 5/16" Oriface, With Optional Hoods, Air Release Valve Assmebly or Equal	1	A	58,285.97	58,285.97	23 weeks	
18" Romac, DI400, Class F, Dismantling Joint, DJ400-18, or Equal 4 EA 4,138.43 18" Stements, Class 300, Wier Style Check Valve, 18G305MF or Equal 4 EA 11,593.32 18" Stements, Class 300, Strants FM Mag 5100M, with 12DV Compact 4 EA 12,465.54 18" Stements, Class 300, Strants FM Mag 5100M, with 12DV Compact 4 EA 12,465.54 Mount Display or Equal 18" Natter Streke 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style, E EA 12,603.32 18" ABZ Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style, E EA 12,603.32 19" ABZ Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style, E EA 12,603.32 10" Crispin, Walk Wicker Steel Operator of Equal 1 EA 12,603.32 10" Crispin, Walk Wicker Steel Body, PTE Seat, Wafer Style, E EA 14,799.76 10" Crispin, Walk Wicker Steel Body, PTE Seat, Under Steel 1 1,046.23 10" Crispin, Walk Wicker Steel Body, PTE Seat, Under Steel 1 1,799.76 10" Crispin, Walk Worker Steel 1 1 1,799.76 11" Crispin, Walk Worker Steel 1 1 1,799.76 12" Crispin, Walk Worker Steelese Valve Resembly or Equal 1	-			A	1,861.96	1,861.96	6 weel	S
18* Crane, ASME Class 300, Wafer Style Check Valve, IRG30SMF or Equal 18* Stemens, Class 300, Strans FM Mag 5100M, with 120V Compact. 4 EA 11, 593.32 18* Stemens, Class 300, Strans FM Mag 5100M, with 120V Compact. 4 EA 12, 465.54 Mount Display or Equal 18* Stemens, Class 300, Strans FM Mag 5100M, with 120V Compact. 4 EA 12, 465.54 Mount Display or Equal 18* ABZ Series 400, class 300, Carbon Steel Body, PTE Seat, Wafer Style, Butterfty Valve W/Gear Operator and 8t Extension or Equal 1 EA 12, 603.32 Butterfty Valve W/Gear Operator and 8t Extension or Equal 1 EA 10, 046.23 Is* ABZ Series 400, class 300, Carbon Steel Body, PTE Seat, Wafer Style, Butterfty Valve W/Gear Operator and 8t Extension or Equal 1 EA 10, 046.23 Is* ABZ Series 397, class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Deed End Service Rated, Butterfty Valve W/Gear Operator or Equal 1 EA 14, 799.76 12* Tcispin, W121/LAU/PTLID, 3/F* Oriface, With Optional Crispin, W121/LAU/PTLID, 3/F* Oriface, With Optional 1 1, 046.23 12* Crispin, W121/LAU/PTLID, 3/F* Oriface, With Optional 1 EA 31, 448.30 12* Crispin, W121/LAU/PTLID, 3/F* Oriface, With Optional 1 EA 31, 448.30 12* Crispin, W121/LU40/PTLID, 3/F* Oriface, With Optional <td>1 I.</td> <td>18" Romac, DJ400, Class F, Dismantling Joint, DJ400-18, or Equal</td> <td></td> <td>A</td> <td>4,138.43</td> <td>16,553.74</td> <td>23</td> <td></td>	1 I.	18" Romac, DJ400, Class F, Dismantling Joint, DJ400-18, or Equal		A	4,138.43	16,553.74	23	
18° Stemens, Class 300, Sitrans FM Mag S1D0M, with 120V Compact 4 EA 12,465.54 Wourt Display or Equal 5 6,035.34 6,035.34 18° ARZ Series 400, Class 300, Sarbon Steel Body, PTE Seat, Wafer Style, 5 6,035.34 12,465.54 18° ARZ Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style, 1 6,035.34 12,663.05 12,605 6,035.32 18° ARZ Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style, 1 1 EA 12,663 12,605 1 1 25,618.18 1 16° Chipin, WISLIJ, MayPLUG, TOTAce, With Optional Hoods, Air 1 1 EA 14,799.76 14,799.76 16° Chipin, WISLIJ, MAPPLID, 3/8° Oriface, With Optional Hoods, Air 1 1 EA 579.08 12° Crispin, WISLIJ, MAPPLID, 3/8° Oriface, With Optional Hoods, Air 1 14,799.76 14,7799.76 Release Valve Assembly or Equal 1 EA 579.08 579.08 12° Crispin, WISLJ, MAPPLID, 3/8° Oriface, With Optional Hoods, Air 1 14,799.76 Release Valve Assembly or Equal 1 EA 579.08 12° Crispin, WISL, MAPPLID, 5/16° Oriface, With Optional Hoods, Air 1 14,799.		18" Crane, ASME Class 300, Wafer Style Check Valve, 18G30SMF or Equal		A.	11,593.32	46373.31	23 weeks	
18° ARZ Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style, Butterffy Valee W/Gear Operator on 6 Equal 6,035.34 18° ARZ Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style, Butterffy Valee W/Gear Operator and 8ft Extension or Equal 1 12,603.32 18° ARZ Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style, Butterffy Valee W/Gear Operator and 8ft Extension or Equal 1 12,603.32 16° Crispin, VR151/AL40/PLI0, 7/15° Oriface, With Optional Hoods, Air 1 EA 25,618.18 16° Tab Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 1 EA 1,046.23 58yle, Dead End Service Rated, Butterffy Valve W/Gear Operator or Equal 1 EA 14,799.76 12° Crispin, VR121/AL40/PLI0, 37° Oriface, With Optional Hoods, Air 1 EA 14,799.76 12° Tispin, VR121/AL40/PLI0, 37° Oriface, With Optional Hoods, Air 1 EA 579.08 12° Tispin, VR121/AL40/PLI0, 37° Oriface, With Optional Hoods, Air 1 EA 9,219.19 12° Torispin, VR121/AL40/PLI0, 51° 1 EA 9,219.19 12° Tab Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 1 EA 9,219.19 12° Torispin, VR121/AL40/PLI0, 51° 1 EA 9,219.19 12° Torispin, VR121/AL40/PLI0, 51		18" Siemens, Class 300, Sitrans FM Mag 5100M, with 120V Compact Mount Display or Equal		A	12,465.54	49862.19	18 weeks	
18" ARZ Series 400, Class 300, Carbon Steel Body, PTE Seat, Wafer Style, Butterfity Valve W/Gear Operator and 8th Extension or Equal Refers valve Assembly or Equal 1 12,603.32 Butterfity Valve W/Gear Operator and 8th Extension or Equal Refers valve Assembly or Equal 1 25,618.18 16" ARZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 15" ARZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 15" Crispin, WIL2J/AL40/PTU3, 3" Oriface, With Optional Hoods, Air 1 E 1,046.23 12" Crispin, WIL2J/AL40/PTU3, 3" Oriface, With Optional Hoods, Air 1 E 14,799.76 12" Crispin, WIL2J/AL40/PTU3, 3" Oriface, With Optional Hoods, Air 1 E 31,448.30 12" Crispin, WIL2J/AL40/PLU3, 712" Crispin, WIL2J/AL40/PLU3, 714 E 9,219.19 12" Crispin, WIL2J/AL40/PLU3, 712" Crispin, WIL2J/AL40/PLU3, 712" E 9,219.19 12" Crispin, WIL2J/AL40/PLU3, 712" Oriface, With Optional Hoods, Air E 9,219.19 12" Crispin, WIL2J/AL40/PLU3, 712" Oriface, With Optional Hoods, Air E 9,219.19 12" Crispin, WIL2J/AL40/PLU3, 712" Oriface, With Optional Hoods, Air E 9,219.19 12" Crispin, WIL2J/AL40/PLU3, 712" Oriface, With Optional Hoods, Air E 9,219.19 13" Crispin, VIR3J/AL40/PLU3, 715" Oriface, With Optional Hoods, Air E 9,219.19 <tr< td=""><td>2</td><td></td><td></td><td>A</td><td>6,035.34</td><td>30,176.73</td><td>6 weeks</td><td></td></tr<>	2			A	6,035.34	30,176.73	6 weeks	
16" Crispin, VR151/AL40/PL10, 7/15" Oriface, With Optional Hoods, Air 1 EA 25,618.18 16" AB2 Series 337, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 1 EA 25,618.18 15" AB2 Series 337, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 1 EA 1,046.23 55Yle, Dead End Service Rated, Burterfty Valve W/Gear Operator or Equal 1 EA 14,799.76 12" Crispin, VR121/AL40/PL10, 3/8" Oriface, With Optional Hoods, Air 1 EA 14,799.76 12" Crispin, VR121/AL40/PL10, 3/8" Oriface, With Optional Hoods, Air 1 EA 14,799.76 12" Crispin, VR121/AL40/PL10, 3/8" Oriface, With Optional Hoods, Air 1 EA 31,448.30 12" Crispin, VR121/AL40/PL10, 3/5" Oriface, With Optional Hoods, Air 1 EA 9,2119.19 12" Crispin, VR81/AL40/PL10, 7/15" Oriface, With Optional Hoods, Air 1 EA 9,219.19 12" Crispin, VR81/AL40/PL10, 7/15" Oriface, With Optional Hoods, Air 1 EA 9,219.19 13" Crispin, VR81/AL40/PL10, 7/15" Oriface, With Optional Hoods, Air 1 EA 9,219.19 14 8" Crispin, VR81/AL40/PL10, 7/15" Oriface, With Optional Hoods, Air 1 EA 9,219.19 15" Crispin, VR81/AL40/PL10, 7/15" Orifac	2			A	12,603.32	12,603.32	23 weeks	
16" AR2 Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 1 EA 1,046.23 5NMe, Dead End Service Rated, Butterfity Valve W/Gear Operator or Equal 1 EA 14,799.76 12" Crispin, VR121/AL40/PL10, 3/8" Oriface, With Optional Hoods, Air 1 EA 14,799.76 12" Crispin, VR121/AL40/PL10, 3/8" Oriface, With Optional Hoods, Air 1 EA 14,799.76 12" Crispin, VR121/AL40/PL10, 3/8" Oriface, With Optional 1 EA 14,799.76 12" Crispin, VR121/AL40/PL10, 7148 EA 14,799.76 579.08 12" Cla-Val SPO-0. Class 300 Flanged, Pressure Relief Valve, w/Optional 1 EA 579.08 12" Cla-Val SPO-0. Class 300 Flanged, Pressure Relief Valve, w/Optional 1 EA 9,219.19 12" Cla-Val SPO-0. Class 300 Flanged, Pressure Relief Valve, w/Optional 1 EA 9,219.19 12" Cla-Val SPO-0. Class 300 Flanged, Pressure Gauges and 1 EA 9,219.19 12" Cla-Val SPO-0. Class 300 Flanged, Pressure Gauges and 1 EA 9,219.19 13" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air EA 9,219.19 EA 13" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air Release 1 9,219.1		16" Crispin, VR161/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal		5	25,618.18	25,618.18	23 weeks	
12" Crispin, VR121/AL40/PL10, 3/8" Oriface, With Optional Hoods, Air 1 E 14,799.76 Release Valve Assembly or Equal 12" Carspin, VR121/AL40/PL10, 3/8" Oriface, With Optional 1 E 5790.08 12" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 1 E 5779.08 Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal 1 E 5779.08 12" Cla-Val 50-01, Class 300 Flanged, Pressure Relief Valve, w/Optional 1 E 31,448.30 CX Isolation Valves, Drain to Atmospher Relief Valve, w/Optional 1 E 9,219.19 CX Isolation, VR81/AL40/PL10, 5/16" Oriface, With Optional Hoods, Air 1 E 9,219.19 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 E 9,219.19 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 E 9,219.19 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 E 9,219.19 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 E 9,219.19 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Kould E 2,820.85 14 8" Crispin, N40/PL10, 5/16" Oriface, With Optional Ho	a,			ş	1,046.23	1,046.23	23 we	sks
12" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal 579.08 12" Cla-Val 50-01, Class 300 Flanged, Pressure Relief Valve, W/Optional 1 EA 579.08 12" Cla-Val 50-01, Class 300 Flanged, Pressure Relief Valve, W/Optional 1 EA 31;448.30 12" Cla-Val 50-01, Class 300 Flanged, Pressure Gauges and X11D Valve Rostition Transmitter or Equal 1 EA 9,219.19 8" Crispin, VR81/AL40/PL10, 5/16" Oriface, With Optional Hoods, Air 1 EA 9,219.19 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 EA 9,219.19 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 EA 9,219.19 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 EA 9,219.19 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 EA 9,219.19 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 EA 9,219.19 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air EA 9,219.19 EA 8" Crispin, NR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air EA 2,820.85 EA 2,820.85		12" Crispin, VR121/AL40/PL10, 3/8" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal		5	14,799.76	14,799.76		
12. Cla-Val So-01, Class 300 Flanged, Pressure Relief Valve, w/Optional 12. Cla-Val So-01, Class 300 Flanged, Pressure Relief Valve, w/Optional CK2 Isolation Valves, Drain to Atmosphere, X141 Pressure Gauges and 1 EA 31,448.30 31,448.30 CK2 Isolation Valves, Drain to Atmosphere, X141 Pressure Gauges and 1 EA 9,219.19 9,219.19 9,219.19 S" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 E 9,219.19 9,219.19 9,219.19 S" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 E 9,219.19 9,219.19 S" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 E 9,219.19 9,219.19 S" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 E 9,219.19 9,219.19 S" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air Release 2 E 493.26 986.52 S" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 2 E 2,820.85 5,641.70 Stroke, Deed End Service Rated, Butterffy Valve W/Gean Operator of Equal 2 E 2,820.85 5,641.70 Valor Priso, STroke, With Optional Hoods, Air Release 1 E 2	a)	12" ABZ Series 397, Clas Style, Dead End Service		s	579.08	579.08	23 we	sks
8" Crispin, VR31/AL40/PL10, 5/16" Oriface, With Optional Hoods, Air 1 EA 9,219.19 9,219.19 Release Valve Assembly or Equal 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 EA 9,219.19 9,219.19 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 EA 9,219.19 9,219.19 8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 EA 9,219.19 9,219.19 8" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 2 EA 9,219.19 9,219.19 8" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 2 EA 493.26 986.52 8" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 2 EA 2,820.85 5,641.70 9.* Crispin, AL40/PL10, 5/16" Oriface, With Optional Hoods, Air Release 2 EA 2,820.85 5,641.70 9.* Crispin, AL40/PL10, 3/8" Oriface, With Optional Hoods, Air Release 1 EA 2,820.85 5,641.70 9.* Crispin, AL40/PL10, 3/8" Oriface, With Optional Hoods, Air Release 2 EA 2,820.85 5,641.70 9.* Crispin, Single Body, UL30, 1/8" Oriface, With Optional Hoods, Air Release 1 <t< td=""><td>Ne la la</td><td></td><td></td><td>ş</td><td>31,448.30</td><td>31,448.30</td><td></td><td>sks</td></t<>	Ne la			ş	31,448.30	31,448.30		sks
8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air 1 EA 9,219.19 9,219.19 Release Valve Assembly or Equal 8" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 2 9,219.19 9,219.19 8" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 2 8 493.26 986.52 8" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 2 8 493.26 986.52 8" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 2 8 493.26 986.52 8" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged 2 8 2,820.85 5,641.70 4" Crispin, AL40/PL10, 5/16" Oriface, With Optional Hoods, Air Release 1 EA 2,820.85 5,641.70 Valve Assembly or Equal 1 EA 2,820.85 2,820.85 2,820.85 Valve Assembly or Equal 1 EA 2,830.85 7,681.60 3" Crispin, Single Body, UL30, 1/8" Oriface, With Optional Hoods, Air 5 EA 1,536.32 7,681.60	1 - U	8" Crispin, VR81/AL40/PL10, 5/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal		4	9,219.19	9,219.19	23 weeks	
8" ABZ Series 397. Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterffy Valve W/Gear Operator of Equal 4" Crispin, AL40/PL10, 5/16" Oriface, With Optional Hoods, Air Release 2 EA 493.26 986.52 4" Crispin, AL40/PL10, 3/8" Oriface, With Optional Hoods, Air Release 2 EA 2,820.85 5,641.70 4" Crispin, AL40/PL10, 3/8" Oriface, With Optional Hoods, Air Release 1 EA 2,820.85 5,641.70 3" Crispin, Single Body, UL30, 1/8" Oriface, With Optional Hoods, Air Release 1 EA 2,820.85 2,820.85 3" Crispin, Single Body, UL30, 1/8" Oriface, With Optional Hoods, Air Release Valve or Equal 5 EA 1,536.32 7,681.60	1	8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal		4	9,219.19	9,219.19	23 weeks	
 ² EA ²,820.85 ⁵,641.70 ¹ EA ²,820.85 ²,820.85 ²,820.85 ²,820.85 ²,681.60 	5	8" ABZ Series 397, Class Style, Dead End Service		A	493.26	986.52	6 weel	S
1 EA 2,820.85 2,820.85 5 EA 1,536.32 7,681.60	- 1	4" Crispin, AL40/PL10, 5/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal		A	2,820.85	5,641.70	23 weeks	
₅ ₆ 1,536.32 7,681.60	I	4" Crispin, AL40/PL10, 3/8" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal		A	2,820.85	2,820.85	23 weeks	
		3" Crispin, Single Body, UL30, 1/8" Oriface, With Optional Hoods, Air Release Valve or Equal		A	1,536.32	7,681.60	23 weeks	

BID SHEET ITB-001 Ordnance Proiect Phase 1 Valve

ase Valve	3" Crispin, Deep Well, DL30, Air Release Valve or Equal	4 EA	1,009.36	3,028.09	23 weeks
			Bid Subtotal	708,413.71	
			Freight Total	36,750.00	
			Total Bid Amou	nt 745,163.71	

Bidder certifies this bid is valid for $\overline{60}$ calendar days.

Bidder Lad Irrigation

Address 4225 N Capitol Ave. Pasco, WA. 99301

By (Print) Robert Swentik

A J By (Signed)

509 855 6328

		BID SHEET OPTION ROBAR DISMANTLING JOINTS - BID ITEMS 4 &	DISA	AANTLING J	OINTS - B	ID ITEMS 4 8	<u>&</u> 7
		nase 1 Valves					
Line Item	Short Description	-	Quantity (Quantity Unit of Measurement Unit Price (USD) Extended Price (USD)	Unit Price (USD)	Extended Price (USD)	Lead Time
H	Wafer Butterfly Valve	4x ²⁷ Abz Serres 4u0, Uass 3u0, Carbon Steel Body, PIFE Seat, Waler Style, Butterfly Valve W/Gear Operator and 7ft Extension or Equal	m	EA	39,180.00	117, 5 40, 00 140 days	140 days
7	Wafer Butterfly Valve	48" ABZ Series 400, Class 150, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator and 11ft Extension or Equal	2	E	21, 375.50	54,751,00 140 days	140 days
m	Wafer Check Valve	42" Valmatic 8842, Cast Iron Body, Stainless Steel Trim, Aluminum Bronze Disc, Buna-N Seat, Class 125 Wafer Style, Dual Disc Check Valve or Equal		E	27,023,00	27,023.00 140 days	140 days
4	Dismantling Joint	42" Romac DJ400, Class D, Dismantling Joint, DJ400-42, or Equal	F	EA	12.051.00	12 051.00	. 00 130 davs
'n	Air Release Valve	20" Crispin, VR201/AL40/PL10, 5/16" Oriface, With Optional Hoods, Air Release Valve Assmebly or Equal	1	Ę	2645.00	00	110 days
ە	Lugged Butterfly Valve	20" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal	1	E	2154.00	on hsiz	140 days
-	Dismantling Joint	18" Romac, DJ400, Class F, Dismantling Joint, DJ400-18, or Equal	4	E	5973-00	2.3.99.2., 00 130 davs	130 davs
80	Wafer Check Valve	18" Crane, ASME Class 300, Wafer Style Check Valve, 18G305MF or Equal	4	EA	IS24 75	004,000	140 days
ŋ	Mag Flowmeter	18" Siemens, Class 300, Sitrans FM Mag 5100M, with 120V Compact Mount Display or Equal	4	EA	SZ.ITH FI	0	200 days
10	Wafer Butterfly Valve	18" ABZ Series 400, Cass 300, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator or Equal	'n	Ę	3745.00	18, 77S, 00 140 days	140 days
н	Wafer Butterfly Valve	18" ABZ Series 400, Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator and 8ft Extension or Equal	1	EA	SS75,00	SSTS,00 140 days	140 days
n	Air Release Valve	16" Crispin, VR161/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	2034,00	2034 00 110 days	110 days
13	Lugged Butterfly Valve	16° ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal	П	EA	1306,00	1306 OD	140 days
14	Air Release Valve	12" Crispin, VR121/A140/PL10, 3/8" Orfiace, With Optional Hoods, Air Release Valve Assembly or Equal	- F	EA	1526.00	1526.00	110 days
15	Lugged Butterfly Valve	12" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal		E	406.00	406,00 110 days	110 days
16	Pressure Relief Valve	12" Ga-Val 50-01, Class 300 Flanged, Pressure Relief Valve, w/Optional CK2 Isolation Valves, Drain to Atmosphere, X141 Pressure Gauges and X117D Valve Position Transmitter or Equal	FT	EA	22500.0	22500.00	
11	Air Release Valve	8" Crispin, VR81/AL40/PL10, 5/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	T	EA	648.00	- (N) 878	110 days
18	Air Release Valve	8" Crispin, VR31/AL40/PL10, 7/15" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal		EA	00.648	BUR,00 110 days	110 days
19	Lugged Butterfly Valve	8" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal	2	EA	186 50	313.00 ^{110 days}	110 days
20	Air Release Valve	4" Crispin, AL40/PL10, 5/15" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	2	EA	424.00	00. BHB	110 days
11	Air Release Valve	4" Crispin, AL40/PL10, 3/8" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	H	EA	00' h2h	00° h2h	110 days
n	Air Release Valve	3° Crispin, Single Body, UL30, 1/8° Oriface, With Optional Hoods, Air Release Valve or Equal	'n	EA	22220	1611.00	110 days

SBIW, Inc.

Air Release Valve	3" Crispin, Deep Well, DL30, Air Release Valve or Equal	4	EA	322.20	1.611.00	1110 davs
				Bid Subtotal	374.675.00	
				Freight Total	29.838.00	
				Total Bid Amour	nt 404.513.00	

Bidder certifies this bid is valid for <u>60</u> calendar days.

Bidder SBIW Inc.

Address PO Box 1785, San Ramon, CA 94583

By (Print) Serge Bouchard

7 By (Signed)

Shor Nafer E Nafer E Nafer C Nafer C Nafer E Nafer C Nafer E Nafer C Nafer E Nafer C Nafer E Nafer C Nafer C N	BID SHEET OPTION ZECO DISMANTLING JOINTS - BID ITEMS 4 & 7 ITB-001 Ordnance Project Phase 1 Valves		42" ABZ Series 400, Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator and 7ft Extension or Equal 3 EA 39 (80 00 1/7 SVD, 00 140 day	48" ABZ Series 400, Class 150, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator and 11ft Extension or Equal 2 EA	42" Valmatic 8842, Cast Iron Body, Stainless Steel Trim, Aluminum Bronze Disc, Buna-N Seat, Class 125 Wafer Style, Dual Disc Check Valve or Equal 1 EA $27,023$, 3	42" Romac DJ400, Class D, Dismantling Joint, DJ400-42, or Equal 1 EA LI 700, 07	20° Grispin, VR201/AL40/PL10, 5/16° Oriface, With Optional Hoods, Air 1 EA 2.6 US	20" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal 1 EA 24 54 00 2154	18" Romac, DJ400, Class F, Dismantling Joint, DJ400-18, or Equal 4 EA 743.50		18" Siemens, Class 300, Sitrans FM Mag 5100M, with 120V Compact a EA レフレビデン Mount Display or Equal	18" ABZ Series 400, Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, 5 EA 3, 745, 60 1	18" ABZ Series 400, Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, Buttlerfty Valve W/Gear Operator and 8ft Extension or Equal	16" Crispin, VR161/AI40/Pr10, 7/16" Oriface, With Optional Hoods, Air 16 EA 2.034 0	16" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal 1 EA	12° Crispin, VR121/AL40/PL10, 3/8° Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	12" ABZ Series 397, Class 150, Ductile Iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal 1 EA	12" Cla-Val 50-01, Class 300 Flanged, Pressure Relief Valve, w/Optional CK2 Isolation Valves, Drain to Atmosphere, X141 Pressure Gauges and X117D Valve Position Transmitter or Equal	8" Crispin, VR81/AL40/PL10, 5/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	8" Crispin, VR81/AL40/PL10, 7/16" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal	8" ABZ Series 397, Class 150, Ductile iron Body, Buna-N Seat, Lugged Style, Dead End Service Rated, Butterfly Valve W/Gear Operator or Equal 2 EA		4" Crispin, AL40/PL10, 3/8" Oriface, With Optional Hoods, Air Release Valve Assembly or Equal 1 EA	3" Crispin, Single Body, UL30, 1/8" Oriface, With Optional Hoods, Air
		Short Description	Wafer Butterfly Valve	Wafer Butterfly Valve	Wafer Check Valve	Dismantling Joint	Air Release Valve	/alve	Dismantling Joint	Wafer Check Valve	Mag Flowmeter	Wafer Butterfly Valve	Wafer Butterfly Valve	Air Release Valve	Lugged Butterfly Valve	Air Release Valve	Lugged Butterfly Valve	Pressure Relief Valve	Air Release Valve	Air Release Valve	Lugged Butterfly Valve	Air Release Valve	Air Release Valve	

ន	Air Release Valve	3" Crispin, Deep Well, DL30, Air Release Valve or Equal	4	EA	322.20	1.611.00	110 dave
					Bid Subtotal	374.675.00	251 446 00
					Freight Total	29.838.00	
					Total Bid Amoun	4404.513.00	361.294.00

Bidder certifies this bid is valid for <u>60</u> calendar days.

Bidder SBIW Inc.

Address PO Box 1785, San Ramon, CA 94583

By (Print) Serge Bouchard

3 By (Signed)