

AGENDA ITEM FOR ADMINISTRATIVE MEETING

() Discussion only
(X) Action

FROM (DEPT/ DIVISION): County Counsel

SUBJECT: Ordnance Pipeline Valves Purchase

<p>Background: The County issued an Invitation to Bid for the purchase of valves for the Ordnance pipeline project. Seven bids were received:</p> <ul style="list-style-type: none"> 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 <p>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.</p>	<p>Requested Action: Approve notice of intent to award contract for purchase of valves to Consolidated Supply Co. in the amount of \$650,734</p>
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ATTACHMENTS: Technical Review Comments; Bids

Checkoffs:

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

To be notified of Meeting:

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.

BID SHEET
ITB-001 Ordnance Project Phase 1 Valves

Line Item	Short Description	Long Description	Quantity	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	3	EA	\$67,019.00	\$201,057.00	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	\$50,265.00	\$100,530.00	30 Weeks
3	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	1	EA	\$51,965.00	\$51,965.00	50 Weeks
4	Dismantling Joint	42" Romac DJ400, Class D, Dismantling Joint, DJ400-42, or Equal	1	EA	\$6,846.00	\$6,846.00	8-10 Weeks
5	Air Release Valve	20" Crispin, VR201/AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$50,723.00	\$50,723.00	18-22 Weeks
6	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 Weeks
7	Dismantling Joint	18" Romac, DJ400, Class F, Dismantling Joint, DJ400-18, or Equal	4	EA	\$3,835.00	\$15,340.00	8-10 Weeks
8	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
9	Mag Flowmeter	18" Siemens, Class 300, Sitrans FM Mag 5100M, 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	5	EA	\$5,605.00	\$28,025.00	26-28 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	EA	\$6,144.00	\$6,144.00	26-28 Weeks
12	Air Release Valve	16" Crispin, VR161/AL40/PL10, 7/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$22,295.00	\$22,295.00	18-22 Weeks
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	1	EA	\$1,328.00	\$1,328.00	Stock
14	Air Release Valve	12" Crispin, VR121/AL40/PL10, 3/8" Orifice, 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	EA	\$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	1	EA	\$28,557.00	\$28,557.00	10-12 Weeks
17	Air Release Valve	8" Crispin, VR81/AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$7,770.00	\$7,770.00	18-22 Weeks
18	Air Release Valve	8" Crispin, VR81/AL40/PL10, 7/16" Orifice, 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
20	Air Release Valve	4" Crispin, AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	2	EA	\$2,112.00	\$4,224.00	18-22 Weeks
21	Air Release Valve	4" Crispin, AL40/PL10, 3/8" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$2,112.00	\$2,112.00	18-22 Weeks
22	Air Release Valve	3" Crispin, Single Body, UL30, 1/8" Orifice, With Optional Hoods, Air Release Valve or Equal	5	EA	\$1,325.00	\$6,625.00	18-22 Weeks

23	Air Release Valve	3" Crispin, Deep Well, DL30, Air Release Valve or Equal	4	EA	\$926.00	\$3,704.00	18-22 Weeks
					Bid Subtotal	\$650,734.00	
					Freight Total	\$0.00	
					Total Bid Amount	\$650,734.00	

Bidder certifies this bid is valid for 60 calendar days.

Bidder Consolidated Supply Co.

Address 1100 Walla Walla Ave. Wenatchee, WA 98801

By (Print) Ken Linck

By (Signed) *Ken Linck*

BID SHEET
ITB-001 Ordnance Project Phase 1 Valves

Line Item	Short Description	Long Description	Quantity	Unit of Measurement	Unit Price (USD)	Extended Price (USD)	Lead Time
1	Water Butterfly Valve	18" ABZ Series 400, Class 300, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator and 7ft Extension or Equal	3	EA	\$74,620.99	\$223,862.96	30 weeks
2	Wafer Butterfly Valve	18" ABZ Series 400, Class 150, Carbon Steel Body, PTFE Seat, Wafer Style, Butterfly Valve W/Gear Operator and 11ft Extension or Equal	2	EA	\$55,899.74	\$111,799.48	30 weeks
3	Wafer Check Valve	42" Valmatic 8843, Cast Iron Body, Stainless Steel Trim, Aluminum Bronze Disc, Buna-N Seat, Class 125 Wafer Style, Dual Disc Check Valve or Equal	1	EA	\$55,023.53	\$55,023.53	50-54 weeks
4	Dismantling Joint	42" Romac D1400, Class D, Dismantling Joint, D1400-42, Dr Equal	1	EA	\$7,098.24	\$7,098.24	5-7 weeks
5	Air Release Valve	20" Crispin, VR203/AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$53,707.06	\$53,707.06	18-22 weeks
6	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	\$2,745.32	\$2,745.32	20-22 weeks
7	Dismantling Joint	18" Romac, D1400, Class F, Dismantling Joint, D1400-18, or Equal	4	EA	\$3,197.71	\$12,790.82	5-7 weeks
8	Wafer Check Valve	18" Crane, ASME, Class 300, Wafer Style Check Valve, 180-335MM or Equal	4	EA	\$21,104.71	\$84,418.82	27-29 weeks
9	Mag Flowmeter	18" Siemens, Class 300, Sitrans FM Mag 3100M, With 120V Compact Mount Display or Equal	4	EA	\$16,443.53	\$65,774.12	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	5	EA	\$6,114.40	\$30,572.00	26-28 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	EA	\$6,684.99	\$6,684.99	26-28 weeks
12	Air Release Valve	16" Crispin, VR161/AL40/PL10, 7/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$23,605.88	\$23,605.88	18-22 weeks
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	1	EA	\$1,414.59	\$1,414.59	Stock to 2 weeks
14	Air Release Valve	12" Crispin, VR121/AL40/PL10, 3/8" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$13,637.65	\$13,637.65	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	EA	\$640.80	\$640.80	Stock to 2 weeks
16	Pressure Relief Valve	CK2 Isolation Valves, Drain to Atmosphere, X141, Pressure Gauges and X117D Valve Position Transmitter or Equal	1	EA	\$30,236.47	\$30,236.47	10-12 weeks
17	Air Release Valve	8" Crispin, VR81/AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$16,454.12	\$16,454.12	18-22 weeks
18	Air Release Valve	8" Crispin, VR81/AL40/PL10, 3/8" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$16,454.12	\$16,454.12	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	\$352.80	\$705.60	Stock to 2 weeks
20	Air Release Valve	4" Crispin, AL40/PL16, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	2	EA	\$6,557.65	\$13,115.29	18-22 weeks
21	Air Release Valve	4" Crispin, AL40/PL16, 3/8" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	\$6,557.65	\$6,557.65	18-22 weeks
22	Air Release Valve	3" Crispin, Single Body, UL30, 1/8" Orifice, With Optional Hoods, Air Release Valve or Equal	5	EA	\$6,858.82	\$34,294.12	18-22 weeks

23	Air Release Valve	3" Crispin, Deep Well, DL30, Air Release Valve or Equal	4	EA	\$958.66	\$3,834.64	18-22 weeks
					Bid Subtotal	\$915,418.27	
					Freight Total	Freight Included	
					Total Bid Amount	\$915,418.27	

Bidder certifies this bid is valid for 60 calendar days.

Bidder: Ferguson Waterworks
 Address: 1130 W. Washington St., Pasco, WA 99301

By (Print): Jess Bergers
 By (Signed): 



Jess Bergers
 Municipal Sales Manager

Ferguson Waterworks
 9125 N. Tyndall
 Portland, OR 97217
 (503) 878-1357 Mobile
 (503) 240-6747 Office

jess.bergers@ferguson.com
ferguson.com/waterworks

BID SHEET
ITB-001 Ordnance Project Phase 1 Valves

Line Item	Short Description	Long Description	Quantity	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	3	EA	64,563.78	193,691.34	28 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	48,423.68	96,847.36	28 Weeks
3	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	1	EA	48,718.75	48,718.75	56 Weeks
4	Dismantling Joint	42" Romac DJ400, Class D, Dismantling Joint, DJ400-42, or Equal	1	EA	7,971.56	7,971.56	16 Weeks
5	Air Release Valve	20" Crispin, VR201/AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	47,553.12	47,553.12	24 Weeks
6	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	2,376.65	2,376.65	28 Weeks
7	Dismantling Joint	18" Romac, DJ400, Class F, Dismantling Joint, DJ400-18, or Equal	4	EA	2,394.33	9,577.32	16 Weeks
8	Wafer Check Valve	18" Crane, ASME Class 300, Wafer Style Check Valve, 18G30SMF or Equal	4	EA	10,456.21	41,824.84	32 Weeks
9	Mag Flowmeter	18" Siemens, Class 300, Sitrans FM Mag 5100M, with 120V Compact Mount Display or Equal	4	EA	15,192.39	60,769.56	32 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	5,282.28	26,411.40	28 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	EA	5,790.97	5,790.97	28 Weeks
12	Air Release Valve	16" Crispin, VR161/AL40/PL10, 7/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	20,901.04	20,901.04	24 Weeks
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	1	EA	1,225.13	1,225.13	28 Weeks
14	Air Release Valve	12" Crispin, VR121/AL40/PL10, 3/8" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	12,075.00	12,075.00	24 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	1,779.63	1,779.63	28 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	26,771.87	26,771.87	14 Weeks
17	Air Release Valve	8" Crispin, VR81/AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	7,284.37	7,284.37	24 Weeks
18	Air Release Valve	8" Crispin, VR81/AL40/PL10, 7/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	7,284.37	7,284.37	28 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	306.34	612.68	28 Weeks
20	Air Release Valve	4" Crispin, AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	2	EA	1,935.42	3,870.84	24 Weeks
21	Air Release Valve	4" Crispin, AL40/PL10, 3/8" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	1,935.42	1,935.42	24 Weeks
22	Air Release Valve	3" Crispin, Single Body, UL30, 1/8" Orifice, With Optional Hoods, Air Release Valve or Equal	5	EA	1,214.58	6,072.90	24 Weeks

23	Air Release Valve	3" Crispin, Deep Well, DL30, Air Release Valve or Equal	4	EA	848.81	3,395.24	
						Bid Subtotal	634,741.36
						Freight Total	5,000.00
						Total Bid Amount	639,741.36

Bidder certifies this bid is valid for 60 calendar days.

Bidder: HD Fowler Company
 Address: 1336 Dietrich Road Pasco, WA 99301
 By (Print): TYLER TOMPKINS
 By (Signed): 

BID SHEET
ITB-001 Ordnance Project Phase 1 Valves

Line Item	Short Description	Long Description	quantity	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	3	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
3	Wafer Check Valve	titan cv41dsb4200 DUCTILE IRON ANSI CLASS 150 DUAL DISC WAFFER 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 **	1	EA	\$ 6,694.44	\$ 6,694.44	10 weeks
5	Air Release Valve	20" Crispin, VR201/AL40/PL10, 5/16" Orifice, With Optional Hoods, AirRelease Valve Assmely or Equal	1	EA	\$ 54,541.11	\$ 54,541.11	22 weeks
6	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" DISMANTLING 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
8	Wafer Check Valve	titan cv44csb1800 CARBON STEEL ANSI CLASS 300 DUAL DISC WAFFER CHECK SS DISC AND SHAFT, ICONEL SPRING BUNA N SEAT	4	EA	\$ 6,622.08	\$ 26,488.30	18 weeks
9	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	EA	\$ 7,757.29	\$ 7,757.29	30 weeks
12	Air Release Valve	16" Crispin, VR161/AL40/PL10, 7/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	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, Butterfly 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" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	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" Orifice, 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" Orifice, 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" Orifice, 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" Orifice, 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" Orifice, With Optional Hoods, Air Release Valve or Equal	5	EA	\$ 1,392.22	\$ 6,961.11	22 weeks

23	Air Release Valve	3" Crisplin, Deep Well, DL30, Air Release Valve or Equal	4	EA	\$ 905.40	\$ 3,621.60	22 weeks
					Bid Subtotal	\$ 721,791.05	
					Freight Total	\$ -	
					Total Bid Amount	\$ 721,791.05	

Bidder certifies this bid is valid for 60 calendar days.

Bidder ISAAC + ASSOCIATES INC
 Address 3300 ISAAC AVE WILKINSON WA 99362
 By (Print) SWETT R MOARES
 By (signed) [Signature]

BID SHEET
ITB-001 Ordnance Project Phase 1 Valves

Line Item	Short Description	Long Description	Quantity	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	3	EA	71,448.70	214,346.10	34 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	61384.70	122769.40	34 weeks
3	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	1	EA	36,215.74	36,215.74	26 weeks
4	Dismantling Joint	42" Romac DJ400, Class D, Dismantling Joint, DJ400-42, or Equal	1	EA	7,276.56	7,276.56	23
5	Air Release Valve	20" Crispin, VR201/AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	58,285.97	58,285.97	23 weeks
6	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	1,861.96	1,861.96	6 weeks
7	Dismantling Joint	18" Romac, DJ400, Class F, Dismantling Joint, DJ400-18, or Equal	4	EA	4,138.43	16,553.74	23
8	Wafer Check Valve	18" Crane, ASME Class 300, Wafer Style Check Valve, 18G30SMF or Equal	4	EA	11,593.32	46373.31	23 weeks
9	Mag Flowmeter	18" Siemens, Class 300, Sitrans FM Mag 5100M, with 120V Compact Mount Display or Equal	4	EA	12,465.54	49862.19	18 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	6,035.34	30,176.73	6 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	EA	12,603.32	12,603.32	23 weeks
12	Air Release Valve	16" Crispin, VR161/AL40/PL10, 7/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	25,618.18	25,618.18	23 weeks
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	1	EA	1,046.23	1,046.23	23 weeks
14	Air Release Valve	12" Crispin, VR121/AL40/PL10, 3/8" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	14,799.76	14,799.76	23 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	579.08	579.08	23 weeks
16	Pressure Relief Valve	12" Cla-Vaj 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	31,448.30	31,448.30	15 weeks
17	Air Release Valve	8" Crispin, VR81/AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	9,219.19	9,219.19	23 weeks
18	Air Release Valve	8" Crispin, VR81/AL40/PL10, 7/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	9,219.19	9,219.19	23 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	493.26	986.52	6 weeks
20	Air Release Valve	4" Crispin, AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	2	EA	2,820.85	5,641.70	23 weeks
21	Air Release Valve	4" Crispin, AL40/PL10, 3/8" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	2,820.85	2,820.85	23 weeks
22	Air Release Valve	3" Crispin, Single Body, UL30, 1/8" Orifice, With Optional Hoods, Air Release Valve or Equal	5	EA	1,536.32	7,681.60	23 weeks

23	Air Release 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 Amount	745,163.71	

Bidder certifies this bid is valid for 60 calendar days.

Bidder Lad Irrigation

Address 4225 N Capitol Ave. Pasco, WA. 99301

By (Print) Robert Swentik

By (Signed) 

509 855 6328

OPTION ROBAR DISMANTLING JOINTS - BID ITEMS 4 & 7

ITB-001 Ordnance Project Phase 1 Valves

Line Item	Short Description	Long Description	Quantity	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	3	EA	39,180.00	117,540.00	140 days
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	27,375.50	54,751.00	140 days
3	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	1	EA	27,023.00	27,023.00	140 days
4	Dismantling Joint	42" Romac DJ400, Class D, Dismantling Joint, DJ400-42, or Equal	1	EA	12,051.00	12,051.00	130 days
5	Air Release Valve	20" Crispin, VR2001/AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	2,645.00	2,645.00	110 days
6	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	2,154.00	2,154.00	140 days
7	Dismantling Joint	18" Romac, DJ400, Class F, Dismantling Joint, DJ400-18, or Equal	4	EA	5,973.00	23,892.00	130 days
8	Wafer Check Valve	18" Crane, ASME Class 300, Wafer Style Check Valve, 18G30SMF or Equal	4	EA	1,524.75	6,099.00	140 days
9	Mag Flowmeter	18" Siemens, Class 300, Sitrans FM Mag 5100M, with 120V Compact Mount Display or Equal	4	EA	17,471.25	69,885.00	200 days
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	3,745.00	18,725.00	140 days
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	EA	5,575.00	5,575.00	140 days
12	Air Release Valve	16" Crispin, VR161/AL40/PL10, 7/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	2,034.00	2,034.00	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	1	EA	1,306.00	1,306.00	140 days
14	Air Release Valve	12" Crispin, VR121/AL40/PL10, 3/8" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	1,526.00	1,526.00	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	1	EA	406.00	406.00	110 days
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	22,500.00	22,500.00	
17	Air Release Valve	8" Crispin, VR81/AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	848.00	848.00	110 days
18	Air Release Valve	8" Crispin, VR81/AL40/PL10, 7/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	848.00	848.00	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	373.00	110 days
20	Air Release Valve	4" Crispin, AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	2	EA	424.00	848.00	110 days
21	Air Release Valve	4" Crispin, AL40/PL10, 3/8" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	424.00	424.00	110 days
22	Air Release Valve	3" Crispin, Single Body, UL30, 1/8" Orifice, With Optional Hoods, Air Release Valve or Equal	5	EA	322.20	1,611.00	110 days

23	Air Release Valve	3" Crispin, Deep Well, DL30, Air Release Valve or Equal	4	EA	322.20	1,611.00	110 days
					Bid Subtotal	374,675.00	
					Freight Total	29,838.00	
					Total Bid Amount	404,513.00	

Bidder certifies this bid is valid for 60 calendar days.

Bidder SBIW Inc.

Address PO Box 1785, San Ramon, CA 94583

By (Print) Serge Bouchard

By (Signed) 

BID SHEET OPTION ZECO DISMANTLING JOINTS - BID ITEMS 4 & 7

ITB-001 Ordnance Project Phase 1 Valves

Line Item	Short Description	Long Description	Quantity	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	3	EA	39,180.00	117,540.00	140 days
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	27,375.50	54,751.00	140 days
3	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	1	EA	27,023.00	27,023.00	140 days
4	Dismantling Joint	42" Romac DJ400, Class D, Dismantling Joint, DJ400-42, or Equal	1	EA	4,780.00	4,780.00	130 days
5	Air Release Valve	20" Crispin, VR201/AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	2,645.00	2,645.00	110 days
6	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	2154.00	2154.00	140 days
7	Dismantling Joint	18" Romac, DJ400, Class F, Dismantling Joint, DJ400-18, or Equal	4	EA	1983.50	7934.00	130 days
8	Wafer Check Valve	18" Crane, ASME Class 300, Wafer Style Check Valve, 18G30SMF or Equal	4	EA	1824.75	6099.00	140 days
9	Mag Flowmeter	18" Siemens, Class 300, Sitrans FM Mag 5100M, with 120V Compact Mount Display or Equal	4	EA	17,471.25	69,885.00	200 days
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	3,745.00	18,725.00	140 days
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	EA	5575.00	5575.00	140 days
12	Air Release Valve	16" Crispin, VR161/AL40/PL10, 7/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	2,034.00	2,034.00	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	1	EA	1306.00	1306.00	140 days
14	Air Release Valve	12" Crispin, VR121/AL40/PL10, 3/8" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	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	1	EA	406.00	406.00	110 days
16	Pressure Relief Valve	12" Cla-Val 50-01, Class 300 Flanged, Pressure Relief Valve, w/Optional CK2 Isolation Valves, Drain to Atmosphere, X1.41 Pressure Gauges and X117D Valve Position Transmitter or Equal	1	EA	22,500.00	22,500.00	
17	Air Release Valve	8" Crispin, VR81/AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	848.00	848.00	110 days
18	Air Release Valve	8" Crispin, VR81/AL40/PL10, 7/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	848.00	848.00	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	373.00	110 days
20	Air Release Valve	4" Crispin, AL40/PL10, 5/16" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	2	EA	424.00	848.00	110 days
21	Air Release Valve	4" Crispin, AL40/PL10, 3/8" Orifice, With Optional Hoods, Air Release Valve Assembly or Equal	1	EA	424.00	424.00	110 days
22	Air Release Valve	3" Crispin, Single Body, UL30, 1/8" Orifice, With Optional Hoods, Air Release Valve or Equal	5	EA	322.20	1611.00	110 days

23	Air Release Valve	3" Crispin, Deep Well, DL30, Air Release Valve or Equal	4	EA	322.20	1,611.00	110 days
		Bid Subtotal			374,675.00	351,446.00	
		Freight Total			29,838.00		
		Total Bid Amount			404,513.00	381,294.00	

Bidder certifies this bid is valid for 60 calendar days.

Bidder SBIW Inc.

Address PO Box 1785, San Ramon, CA 94583

By (Print) Serge Bouchard

By (Signed) 