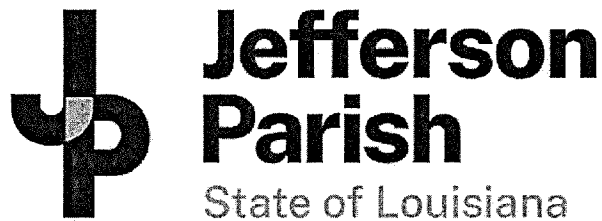




**CENTRALBIDDING**  
FROM CENTRAL AUCTION HOUSE

**5000147430 PURCHASE OF SUPPLIES FOR JEFFERSON PARISH  
SEWERAGE DEPARTMENT**  
Jefferson Parish Government

Project documents obtained from [www.CentralBidding.com](http://www.CentralBidding.com)  
18-Mar-2025 10:26:50 AM



Bid Number 50-00147430

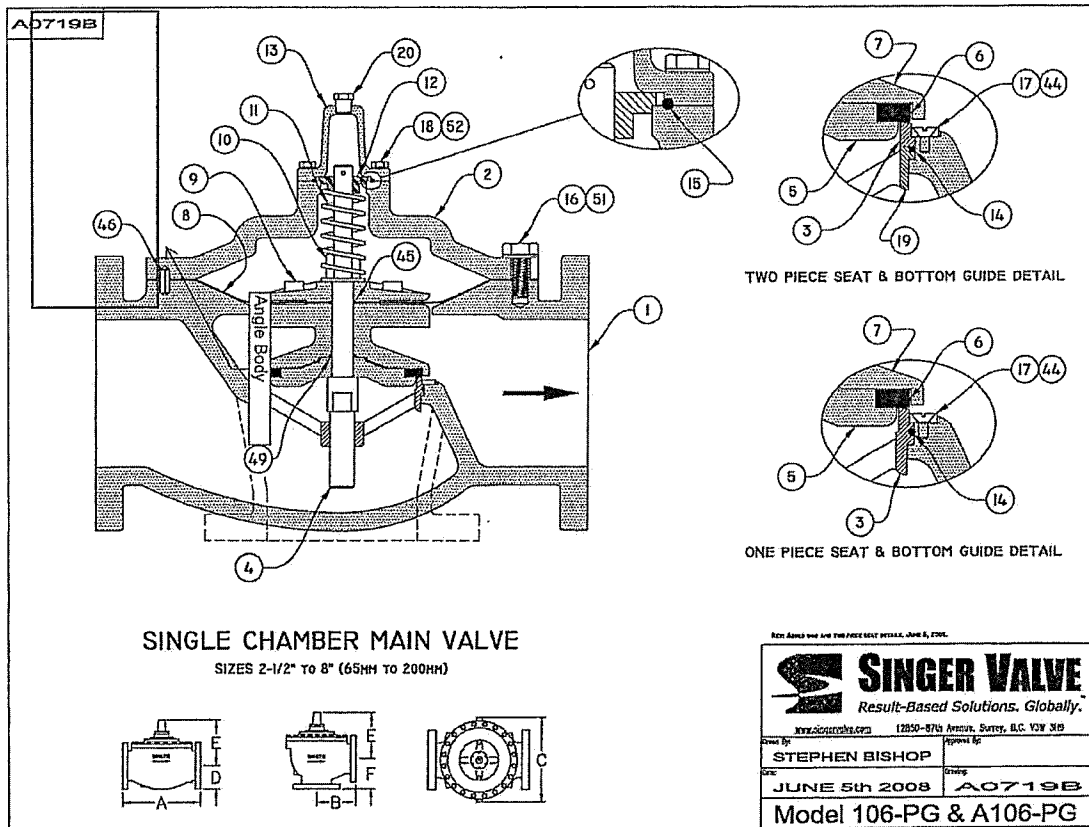
**PURCHASE OF SUPPLIES FOR  
JEFFERSON PARISH  
SEWERAGE DEPARTMENT**

**BID DUE: March 18, 2025 AT 11:00 AM**

**ATTENTION VENDORS!!!**

Please review all pages and respond accordingly, complying with all provisions in the technical specifications and Jefferson Parish Instructions for Bidders and General Terms and Conditions. All bids must be received on the Purchasing Department's eProcurement site, [www.jeffparishbids.net](http://www.jeffparishbids.net), by the bid due date and time. Late bids will not be accepted.

**Jefferson Parish Purchasing Department  
200 Derbigny Street  
General Government Building, Suite 4400  
Gretna, LA 70053  
Purchasing Specialist: Theresa Banks  
Email: [theresa.banks@jeffparish.gov](mailto:theresa.banks@jeffparish.gov)  
Phone: 504-364-2683**





12850-87<sup>th</sup> Avenue  
Surrey, B.C. Canada, V3W 3H9  
Ph: 604-594-5404  
Fx: 604-594-8945  
www.singervalue.com

**Material Specifications & Dimensions**  
2-1/2" to 8" (65mm to 200mm) 106-PG & A106-PG  
For Drawing A0719B

Item	Part Name	Material
1	Body	Ductile Iron
2	Bonnet	Ductile Iron
3 X	Seat Ring	Stainless Steel
4	Stem	Stainless Steel
5 I	Disc Retainer	Ductile Iron
6 **	Resilient Disc	EPDM
7	Inner Valve	Ductile Iron
8 **	Diaphragm	Reinforced EPDM
9	Clamp Plate	Ductile Iron
10	Stem nut	Brass B-16
11	Spring	Stainless Steel
12	Guide Bushing	Brass B-16
13	Stem Cap	Ductile Iron
14 **	Seat Ring Seal	Buna-N
15 **	Stem Cap Seal	Buna-N
16	Bonnet Bolt	Stainless Steel
17 %	Seat Ring Screws	Stainless Steel
18	Stem Cap Capscrew	Stainless Steel

Item	Part Name	Material
19 Φ	Bottom Guide	Ductile Iron & Bronze (only on two piece seat/bottom guide)
44 %	Seat Retaining Washer	Stainless Steel
45 **	Diaphragm Seal	Buna-N
46	Locating Pin	Stainless Steel
49 **	Disc Retainer Seal	Buna-N
51	Bonnet Washer	Stainless Steel
52	Stem Cap Washer	Stainless Steel

\*\* Recommended spare parts (included in the Rebuild Kit)

% Not required on size 2-1/2". (One piece seat ring and guide, shown as item 3).

X On sizes 2-1/2" - 8" items 3 & 19 may be one piece; material - Stainless Steel

I On sizes 2-1/2" & 3", material is brass B-16. On size 4", material is bronze.

Φ On size 3", material is bronze B-62.

106-PG & A106-PG		Globe			Globe & Ang		Angle		
		A	D	E	C	B	E	F	
2-1/2"	NPT / BSPT	11"	3.38"	7.50"	8.19"	5.50"	7.50"	4"	
65mm		279mm	86mm	191mm	208mm	140mm	191mm	102mm	
	150F / PN10, PN16, PN25, PN40	11"	3.50"	7.50"	8.19"	5.50"	7.50"	4"	
		279mm	89mm	191mm	208mm	140mm	191mm	102mm	
	300F	11.63"	3.75"	7.50"	8.19"	5.88"	7.50"	4.31"	
		295mm	95mm	191mm	208mm	149mm	191mm	105mm	
3"	NPT / BSPT	13.50"	3.68"	8"	9.25"	6.63"	8"	4.63"	
80mm		343mm	93mm	203mm	235mm	168mm	203mm	118	
	150F	12"	3.75"	8"	9.25"	6"	8"	4"	
		305mm	95mm	203mm	235mm	152mm	203mm	102mm	
	300F	13.25"	4.13"	8"	9.25"	6.38"	8"	4.38"	
		337mm	105mm	203mm	235mm	162mm	203mm	111mm	
	PN10, PN16, PN25, PN40	318mm	100mm	203mm	235mm	162mm	203mm	111mm	
4"	150F / PN10, PN16, PN25, PN40	15"	4.60"	9.15"	10.88"	7.50"	9.15"	5"	
100mm		381mm	117	232mm	276mm	191mm	232mm	127mm	
	300F	15.63"	5.09"	9.15"	10.88"	7.88"	9.15"	5.31"	
		397mm	129mm	232mm	276mm	200mm	232mm	135mm	
6"	150F / PN10, PN16	20"	5.60"	11.75"	16.63"	10"	11.75"	6"	
150mm		508mm	142mm	298mm	422mm	254mm	298mm	152mm	
	300F / PN25, PN40	21"	6.34"	11.75"	16.63"	10.50"	11.75"	6.50"	
		533mm	161mm	298mm	422mm	267mm	298mm	165mm	
8"	150F / PN10, PN16	25.38"	7.63"	14.91"	21.63"	12.75"	14.91"	8"	
200mm		645mm	194mm	379mm	549mm	324mm	379mm	203mm	
	300F / PN25, PN40	26.38"	7.83"	14.91"	21.83"	13.25"	14.91"	8.50"	
		670mm	200mm	379mm	549mm	337mm	379mm	216mm	

For Anti-Cavitation (-AC) trim equipped valves please see PG-AC spec sheet

June 2008



12850-87<sup>th</sup> Avenue  
Surrey, BC, Canada V3W 3H9  
Ph: 604-594-5404  
Fax: 604-594-8845  
www.singervalve.com

## SINGER MODEL 106/206-RPS Pressure Relief or Sustaining Valve

Schematic A0423F

Installation, Operating and Maintenance Instructions

### DESCRIPTION:

Singer model 106/206-RPS is a pilot operated pressure relief or pressure sustaining valve designed to open when the inlet pressure exceeds a predetermined setting.

### DESCRIPTION OF OPERATION:

Main Valve (1) is normally open when pressure is applied to the valve inlet. When the same pressure is applied to the bonnet, the valve closes tight because the area of the diaphragm is greater than the area of the seat. By controlling the bonnet pressure, the Main Valve can be made to open, close or throttle.

Unless otherwise stated, this valve is built for maximum temperature of 60° C (140° F).

Bonnet pressure of the Main Valve is controlled with a pilot circuit consisting primarily of Closing Speed Control (5) and Relief Pilot (6). Pilot (6) senses the upstream pressure of the Main Valve. When this pressure is less than the setting of Pilot (6), Pilot (6) is closed. Pressure from the upstream side of Main Valve (1) is directed to the bonnet through Closing Speed Control (5), keeping the Main Valve closed. When the upstream pressure is greater than the setting of Pilot (6), Pilot (6) opens to allow flow. If this flow is greater than the flow coming through Closing Speed Control (5), Main Valve bonnet pressure is reduced and the Main Valve opens.

When the high pressure has been released and the inlet pressure drops to less than the setting of Pilot (6), Pilot (6) closes. This increases the bonnet pressure; the Main Valve closes. The closing speed is controlled by the setting of Closing Speed Control (5).

On back pressure service, where the valve is to maintain a predetermined upstream pressure, Pilot (6) will modulate its flow so that the bonnet pressure is varied. This, in turn, will modulate the Main Valve. If the inlet pressure rises slightly, Pilot (6) opens a little wider and causes the Main Valve to open further. When the inlet pressure decreases, Pilot (6) closes slightly and the Main Valve will also close slightly. The valve reacts to maintain the upstream pressure with varying flows.

**OPTIONAL** Opening Speed Control (9) controls flow out of the bonnet of the Main Valve, thereby controlling the opening speed. Controlling opening speed can help stabilize the valve at low flows.

### INSTALLATION:

1. See 106/206-PG "Installation".
2. Improved accuracy of control can be achieved by connecting the sensing of pilot (6) to header or upstream of the valve.
3. After pressurizing the valve, bleed air from the bonnet.

### ADJUSTING PROCEDURE:

1. Turn adjusting screw of Relief Pilot (6) counterclockwise until spring is free.
2. Apply pressure to valve inlet. Main Valve (1) should be wide open.
3. Turn adjusting screw slowly clockwise until pressure at the Main Valve inlet reaches desired point.
4. Lock adjusting screw in place. Valve is now set to relieve at the desired pressure.

### TROUBLESHOOTING AND MAINTENANCE:

**Unstable operation:** Bleed air from the Bonnet. Connect sensing line to header. Install Opening Speed Control.

**Valve does not open:** Pilot set too high. Isolating Valve(s) closed. Opening Speed Control closed. Pilot Diaphragm ruptured. Not enough pressure drop on the Main Valve.

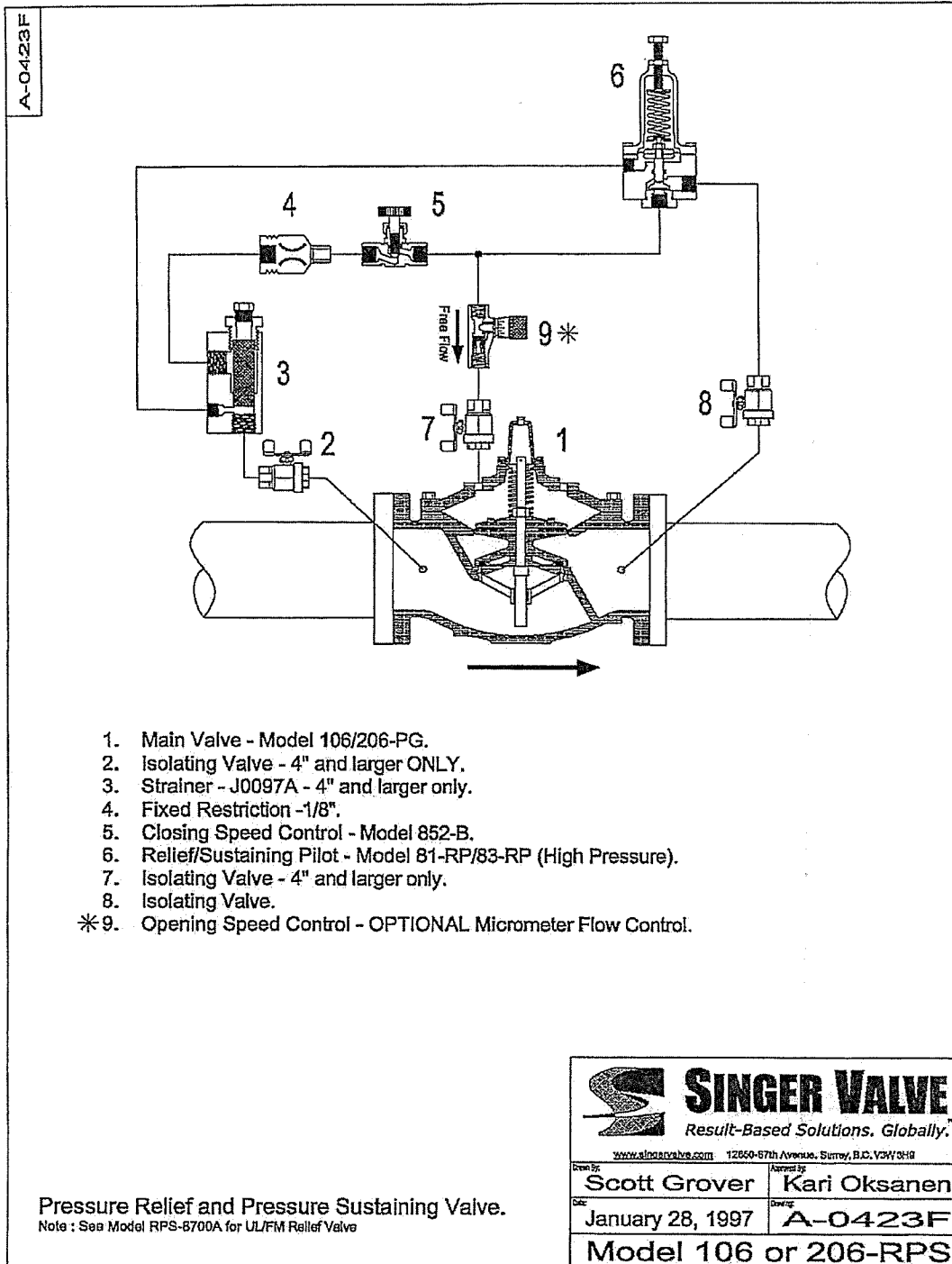
**Valve does not close:** Closing Speed Control (5) closed. Strainer (3) plugged. Obstruction in the line from inlet to bonnet. Main Valve Diaphragm ruptured. Obstruction in the Main Valve. Ball Valve (9) connects the bonnet to atmosphere.

**Maintenance:** Clean Strainer. Frequency depends on local conditions. Clean Main Valve and Pilot as required. Lubricate the Body Seal in the Pilot. No other lubrication is required. Check condition of Main Valve and Pilot Diaphragms and other resilient parts. Replace when required.

To increase pressure setting of pilot valve, turn adjusting screw clockwise. As an approximate guide:

Range	1 turn equals
5 - 50 psi	8 psi change
10 - 80 psi	10 psi change
20 - 200 psi	25 psi change
100 - 300 psi	40 psi change
200 - 500 psi	42 psi change

To close Main Valve faster, turn Closing Speed Control (5) counterclockwise, to close Main Valve slower, turn Closing Speed Control (5) clockwise - do not close tight.





12850-87<sup>th</sup> Avenue  
Surrey, BC, Canada, V3V 3H2  
Ph: 604-594-5404  
Fx: 604-594-8945  
www.singervalve.com

## MODEL 106/206-PG POWER OPERATED GLOBE VALVE

Sizes 1/2" to 8" (106-PG) 3" to 10" (206-PG)

### Installation, Operating and Maintenance Instructions

#### DESCRIPTION:

This valve is the basic component used for most Singer Model 106/206 Automatic Valves. It is a hydraulically operated valve.

#### DESCRIPTION OF OPERATION:

The valve opens when the bonnet (area above the diaphragm) is connected to the downstream side of the valve AND a pressure drop of 5 psi (35 kPa) is available across the valve. The valve also opens when the bonnet is vented to atmosphere, regardless of pressure drop, provided that the line pressure is 5 psi (35 kPa) or more.

The valve closes when the inlet pressure is directed to the bonnet.

The valve can be made to modulate by varying the bonnet pressure between inlet pressure and outlet pressure. This is done by the pilot circuit.

In some cases the line media is unsuitable for use in the pilot system. In these circumstances external water pressure can be used in the pilot system. The external pressure must be equal to or higher than the line pressure.

If available pressure drop is less than 5 psi (35 kPa), spring lift and external water pressure must be used (consult factory).

Unless otherwise specified, the valve is assembled with components suitable for water service up to 180° F (80° C). For other service conditions, contact your Singer Valve representative.

#### STORAGE:

This valve must be stored indoors, away from direct sunlight.

#### INSTALLATION:

Use washers under nuts when bolting valve flanges to pipe flanges to protect the Epoxy Coating.

Control valves must be installed in a horizontal pipe with the bonnet up. Smaller valves (6" and smaller) can be installed in a vertical pipe if the order states the orientation. Disassembly is difficult but not impossible in valves installed in vertical pipe.

A stable, non-falling source of pressure is necessary to operate a pilot operated control valve.

Operating fluid must be clean and free of air.

Under high velocity conditions the pressure signal, when the pick-up point is located on the main valve inlet, may be adversely affected. As an example, a relief valve will operate more effectively and control more accurately if the operating pressure and sensing pressure is connected to the header.

Ideally, six pipe diameters of straight pipe is required on the inlet of any control valve but

- Fully open Gate Valve can be installed on the inlet of a valve, provided it is used as an isolating valve and never used in partially open condition.
- A Butterfly Valve with stem horizontal can not be installed in the Inlet of a control valve unless operating pressure and sensing lines are connected upstream of the butterfly valve, in a location that gives true system pressure.
- A Butterfly Valve with stem vertical can be installed in the inlet of a control valve as long as velocity does not exceed 15 ft/sec. The butterfly valve can not be used for throttling. If problems develop at high flows, operating pressure and possible sensing can be connected upstream of the butterfly valve, in a location that gives true system pressure.
- A control valve can be installed with no straight pipe on the inlet if the operating and sensing lines are connected to a location that gives true system pressure.

The connection point should be made at the pipe centerline to avoid air pick-up at the top of the pipe.

1. It is possible that diaphragms may take a set after shipping and storage. It is highly recommended that Bonnet and Body Bolts or Nuts be tightened after installation but before pressurizing the valve. If a leak develops after pressurizing, de-pressurize the valve and tighten the bolts or nuts.
2. For most convenient operation and maintenance, line isolation valves should be installed.
3. A suitable bypass should be provided to allow for servicing of the valve without interrupting the flow.



12650-87<sup>th</sup> Avenue  
Surrey, BC, Canada, V3V 3H9  
Ph: 604-594-5404  
F: 604-594-5845  
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#### Installation (Cont.):

4. Install pressure gauges upstream and/or downstream of valve as appropriate. This will facilitate ease of setting the pilot system.
5. A strainer with a suitable basket should be installed ahead of the valve to protect it from foreign material.
6. Sufficient space should be provided around the valve for disassembly.
7. Flush system of all foreign matter before installing the valve.
8. Check direction of flow (inlet of valve is marked OR an arrow on the side of body indicates flow direction) and install the valve accordingly.
9. **VENT AIR FROM THE BONNET.** After installation, when the valve is pressurized, vent air from the bonnet:
  - a) Valves installed in horizontal piping with bonnet up (NO LIMIT SWITCH):  
Sizes up to 2" where pilot connection is to the guide bushing at the center of the valve do not require venting (they vent automatically).  
Sizes up to 2" with position indicator: use bleed-cock on indicator.  
Sizes 2-1/2" and larger, loosen pipe plug at the center of the bonnet to bleed air. If equipped with position indicator, use bleed-cock on indicator.
  - b) Valves installed in horizontal piping with bonnet up (WITH LIMIT SWITCH): Refer to Drawing A0707A. Use bleed screw (63) to vent air.
  - c) Valves installed in vertical pipe: The pilot connection will be to the highest point on the bonnet if the orientation and flow direction were specified on the order. Some sizes vent automatically. Some sizes are provided with a small screw to facilitate bleeding (do not remove completely).
  - d) Valves that do not have the bleed screw and do not bleed completely from existing connections must be bled by loosening the bonnet bolts.

#### SERVICE SUGGESTIONS:

##### POSSIBLE CAUSE / REMEDY

#### FAILS TO OPEN

1. Insufficient inlet pressure. / Increase pressure

#### 2. Pressure in the bonnet is not released:

- Isolating valves on pilot lines closed. - Open valves
- Pilot components not functioning. - Refer to specific instructions on pilot components
- Foreign material in pilot system. - Clear obstruction

#### FAILS TO CLOSE

##### Lack of pressure in the bonnet due to:

- Pilot components not functioning. - Refer to specific instructions on pilot components.
- Foreign material in pilot system.
- Ruptured diaphragm.
- Obstruction in the valve.
- Worn main valve disc.

#### PULSATIONS

- Air in the bonnet. - Vent air. Refer to "Installation (9)" above.
- Improper adjustment to pilot components. - Refer to specific instructions on pilot components.
- Valve oversized. A smaller valve in parallel may be required.

#### MAINTENANCE:

The SINGER Model 106/206-PG requires a minimum of maintenance. All parts are accessible for inspection and repair without removing the valve from the line.

1. Close upstream and downstream isolating gate valves.
2. Disconnect body and bonnet pilot lines.
3. Remove bonnet. If bonnet does not come free readily, it can be pried loose with a small pry-bar.
4. Remove main valve assembly for inspection. Do not remove seat ring unless inspection shows that it is damaged.
5. Replace worn or defective parts and reassemble.

#### NOTE REGARDING FREEZING:

This valve does not drain completely when inlet and outlet pipes are drained. Where freezing conditions are expected, one of the following must be performed:

- Drain valve and pilot system completely.
- Add suitable anti-freeze to valve and pilot system (Non-potable water service only).
- Provide insulation and/or heating to keep the valve from freezing.

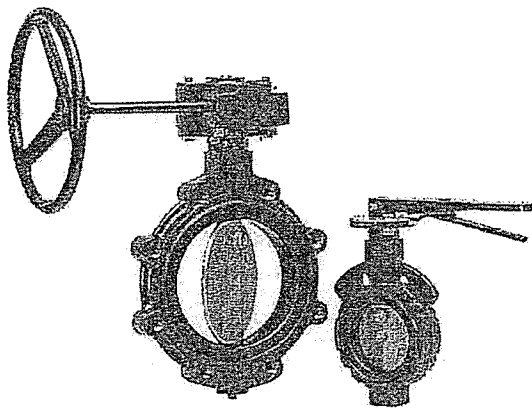




KEYSTONE RESILIENT SEATED BUTTERFLY VALVES  
FIGURE 221 AND 222

An economical bonded resilient seated butterfly valve for bi-directional and end-of-line service

- F221 Wafer style valve
- F222 Lugged style valve



FEATURES

- Bubble tight shut-off at full rated pressure in both directions.
- The F222 lugged version is suitable for bi-directional end-of-line service at full pressure rating.
- Top and bottom bearings absorb side thrust loads.
- A moulded-in O-ring in the seat for flange sealing eliminates the need for flange gaskets.
- Body locating holes for easy installation and centering between flanges.
- Extended neck allows adequate clearance for flange and insulation.

GENERAL APPLICATION

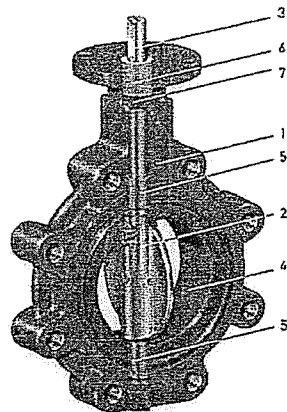
Ideal for building services and irrigation applications that require shut-off control. The valve has a moulded in seat and can be used in full vacuum service.

TECHNICAL DATA

Size range: DN 50-300 (NPS 2-12)  
Temperature rating: -29°C to 120°C  
[-20°F to 250°F]  
Pressure rating: 16 bar (250 psi)  
bi-directional bubble tight shut-off rating.  
End of line: 16 bar with F222 lugged valve.  
Standard flange drilling: AS 2129 E, ASME Class 125/150, JIS 5K10K, PN 10 and 16\*

NOTE  
Other drillings available upon request.  
\* Not available in all valve sizes.

KEYSTONE RESILIENT SEATED BUTTERFLY VALVES  
FIGURE 221 AND 222



MATERIALS		
Part	Material	Material standards
1 Body	Cast iron	ASTM A126 Class B
2 Disc	304 SS	ASTM A351 Grade CF8
	Aluminum bronze	ASTM B148 UNS C95200 Grade A
	316 SS	ASTM A743 Grade CF8M
3 Stem	416 SS	ASTM A502 UNS S41600
4 Molded-in liner	EPDM NBR	
5 Inboard bearings	PTFE/steel	
6 Upper bushing	Polyester	
7 Upper stem seal	NBR	

K<sub>v</sub> VALUES vs TRAVEL POSITION

Size (DN)	Angle of opening								
	10°	20°	30°	40°	50°	60°	70°	80°	90°
50	0	1	4	12	22	35	45	51	52
65	0	1	5	18	38	64	93	119	131
80	1	1	7	25	58	99	151	202	227
100	1	13	42	93	170	275	400	509	550
125	3	29	85	178	313	501	723	904	987
150	3	41	125	255	441	703	1003	1254	1366
200	5	73	207	389	649	1029	1517	2063	2501
250	8	115	311	554	920	1455	2183	3110	3972
300	10	166	440	777	1253	1979	3001	4398	5779

NOTE:  
K<sub>v</sub> is the valve flow capacity expressed as flow rate of water at 20°C, in cubic meters per hour, which produces a 1 bar pressure drop across the valve.

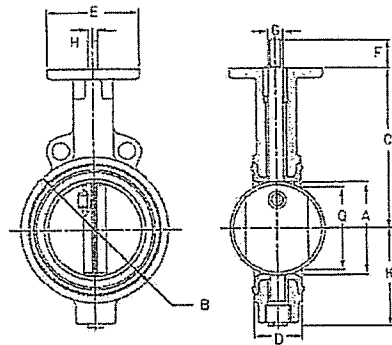
C<sub>v</sub> VALUES vs TRAVEL POSITION

Size (NPS)	Angle of opening								
	10°	20°	30°	40°	50°	60°	70°	80°	90°
2	0	1.3	5	14	26	40	52	59	60
2½	0	1.4	6	21	44	74	107	138	150
3	0	1.5	8	29	67	115	175	234	262
4	1	15	48	107	196	318	463	589	647
5	3	32	99	206	362	579	832	1045	1141
6	4	47	145	295	510	810	1160	1450	1580
8	6	84	239	480	751	1190	1754	2385	2692
10	9	133	360	652	1044	1683	2524	3596	4593
12	12	192	509	899	1449	2288	3470	5035	6532

NOTE:  
C<sub>v</sub> is the valve flow capacity expressed as the flow rate of water at 60°F, in US gallons per minute, which produces a 1 psi pressure drop across the valve.

# KEYSTONE RESILIENT SEATED BUTTERFLY VALVES FIGURE 221 AND 222 - IMPERIAL

F221 WAFER VALVE



F222 LUGGED STYLE VALVE

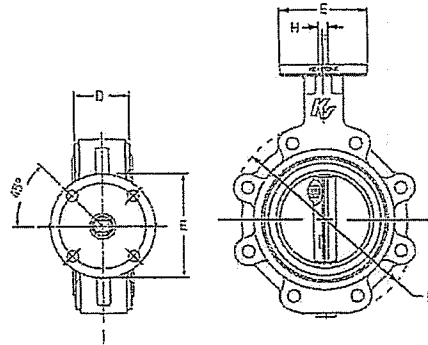


FIGURE 221 DIMENSIONS (Inches)

Valve size (NPS)	Shaft								Top plate drilling		Weight (lbs.) F221	Stem conn. code
	A	B	C	D	E	F	K	Q	No. of holes	Hole dia.		
2	2 1/4	4 1/4	5 1/4	1 7/8	4	1 1/4	3 1/4	1 1/2	4	1/4	7.7	BAB
2 1/2	2 1/4	4 1/4	5 1/4	1 7/8	4	1 1/4	3 1/4	2	4	1/4	8.8	BAB
3	3 1/4	5 1/4	6 1/4	1 7/8	4	1 1/4	3 1/4	2 1/2	4	1/4	10.2	BAB
4*	4 1/4	6 1/4	7 1/4	2 1/4	4	1 1/4	4 1/4	3 1/4	4	1/4	16.9	BAC
5	5 1/4	7 1/4	8 1/4	2 1/4	4	1 1/4	5 1/4	4 1/4	4	1/4	19.9	BAD
6	5 1/4	8 1/4	9 1/4	2 1/4	4	1 1/4	5 1/4	5 1/4	4	1/4	25.3	BAD
8**	7 1/4	10 1/4	11 1/4	2 1/4	6	1 1/4	6 1/4	7 1/4	5	1/4	40.5	CAE
10	9 1/4	13	14 1/4	2 1/4	6	2	8 1/4	9 1/4	5	1/4	51.1	CAF
12	11 1/4	14 1/4	15 1/4	3 1/4	6	2	9 1/4	11 1/4	5	1/4	82.7	CAF

FIGURE 222 DIMENSIONS (Inches)

Valve size (NPS)	Shaft								Top plate drilling		Weight (lbs.) F222	Stem conn. code
	A	B	C	D	E	F	K	Q	No. of holes	Hole dia.		
2	2 1/4	4 1/4	5 1/4	1 7/8	4	1 1/4	3 1/4	1 1/2	4	1/4	9.0	BAB
2 1/2	2 1/4	4 1/4	5 1/4	1 7/8	4	1 1/4	3 1/4	2	4	1/4	10.5	BAB
3	3 1/4	5 1/4	6 1/4	1 7/8	4	1 1/4	3 1/4	2 1/2	4	1/4	11.9	BAB
4*	4 1/4	6 1/4	7 1/4	2 1/4	4	1 1/4	4 1/4	3 1/4	4	1/4	21.4	BAC
5	5 1/4	7 1/4	8 1/4	2 1/4	4	1 1/4	5 1/4	4 1/4	4	1/4	25.7	BAD
6	5 1/4	8 1/4	9 1/4	2 1/4	4	1 1/4	5 1/4	5 1/4	4	1/4	31.0	BAD
8**	7 1/4	11 1/4	12 1/4	2 1/4	6	1 1/4	6 1/4	7 1/4	5	1/4	49.0	CAE
10	9 1/4	13 1/4	14 1/4	2 1/4	6	2	8 1/4	9 1/4	5	1/4	79.8	CAF
12	11 1/4	15 1/4	16 1/4	3 1/4	6	2	9 1/4	11 1/4	5	1/4	106.5	CAF

## NOTES

D The disc chordal dimension at face of valve for disc clearance into pipe fittings or flanges.

H The stem connection diameter.

G The dimension across the stem flats.

\* Not available with PN10, PN16 flange drilling.

\*\* Not available with PN16 flange drilling.

Dimensions are nominal  $\pm 0.037$  inch.

## KEYSTONE RESILIENT SEATED BUTTERFLY VALVES

FIGURE 221 AND 222 - IMPERIAL

VALVE SEATING AND UNSEATING TORQUES (in lbs)										
Application	Valve size (NPS)									
Ap (psi)	2	2.5	3	4	5	6	8	10	12	
I										
50	59	42	125	162	314	427	674	1240	1666	
100	60	65	130	171	327	432	685	1266	1702	
150	64	72	140	185	359	443	705	1315	1768	
200	68	78	149	202	372	453	724	1364	1834	
250	72	85	159	218	395	464	744	1413	1909	
II										
50	84	89	178	231	448	611	962	1772	2380	
100	86	91	183	240	451	616	973	1793	2416	
150	90	98	193	255	484	627	993	1847	2482	
200	94	104	202	271	506	637	1012	1896	2548	
250	98	111	212	287	529	648	1032	1945	2614	
III										
50	146	154	312	404	765	1059	1684	3101	4165	
100	148	157	317	413	779	1074	1695	3127	4201	
150	152	164	327	428	821	1085	1715	3176	4267	
200	156	170	336	444	843	1095	1734	3225	4333	
250	160	177	346	460	866	1106	1754	3274	4399	
IV										
50	209	220	445	577	1121	1526	2406	4429	5920	
100	211	223	450	585	1134	1531	2417	4435	5925	
150	215	230	460	601	1157	1542	2437	4535	6052	
200	219	236	469	617	1179	1552	2456	4583	6118	
250	223	243	479	633	1202	1563	2476	4602	6184	

## TORQUE APPLICATION FACTOR CATEGORIES

## Application I

Clean liquid lubricating media (water, clean oils, lube oil, mineral oil, etc.); and with no deposit or chemical attack, valve operated at least once a week.

Temperature range from 32°F to maximum temperature rating of the elastomer seat.

## Application II

Other liquid media and lubricating gases (aqueous liquids, such as food and beverage, water, etc.); and with minor deposit or chemical attack, valve operated at least once a month.

Temperature range from 32°F to maximum temperature rating of the elastomer seat.

## Application III

a. Dry non-abrasive media or gases (non-abrasive powders and dry gas); or

b. Fluids with moderate deposit or chemical attack; or

c. Valves operated less than once a month.

Temperature range from 32°F to maximum temperature rating of the elastomer seat.

## Application IV

a. Dry abrasive media and degreasing applications (sand, cement, silicone free, oxygen cleaned); or

b. Liquids with severe deposit; or

c. Valves not frequently operated (once a year).

All above with temperature range from 15°F to maximum temperature rating of the elastomer seat.

DATE: 3/12/2025

INVITATION TO BID  
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00147430

**JEFFERSON PARISH**

PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETN, LA. 70054-0009  
504-364-2678

PURCHASING SPECIALIST:

TBANKS@jeffparish.net

VENDOR: 27118 BLANK BID COPY VENDOR

Bids will be received until 11:00 AM, 3/18/2025

**LATE BIDS WILL NOT BE ACCEPTED**

**NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION. HOWEVER, ELECTRONIC SIGNATURES AS DEFINED IN LSA – R.S. 9:2602(8) ARE ACCEPTABLE. SIGNATURE MUST BE A SECURED DIGITAL SIGNATURE AND MUST PROVIDE PROOF OF THE SECURED SIGNATURE WITH BID SUBMISSION.**

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law, as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 136353 as amended. A copy of these resolutions may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://www.jeffparish.gov/464/Purchasing> and clicking on On-line forms.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://www.jeffparish.gov/464/Purchasing> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and local taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail. Quotations shall be based on F.O.B. Delivered, anywhere within the Parish as designated by the Purchasing Department. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications. JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit prices shall prevail

JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE

PROTESTS: Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in the quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum.

All formal Addenda require written acknowledgment on the bid form by the bidder by the bidder placing the Addendum number in the appropriate section. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected; JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

## INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

### IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

**This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.**

Please visit our E-Procurement Page at [www.jeffparishbids.net](http://www.jeffparishbids.net) to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://www.jeffparish.gov/464/Purchasing>.

## ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW. IF THE NUMBER IS NOT SPECIFIED IN THIS BOX, IT IS NOT APPLICABLE FOR THIS BID.

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1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(l), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Building Permits. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Building Permits. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid electronic envelope. Failure to comply will cause the bid to be rejected. When submitting the bid electronically, the license number must be entered in the appropriate field in the electronic procurement system. Failure to comply will cause the bid to be rejected.

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precaution must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Any deviation from the Standard Insurance Requirements must be requested in writing prior to bid opening. Written approval for any deviation, must be submitted with your bid submission. Failure to comply with this instruction will result in bid rejection.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. All sureties must be in original format (no copies). When submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is an as needed basis contract. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required in conformity with the provisions contained in LSA – RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

DATE: 3/12/2025

BID NO.: 50-00147430

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## INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted as per the appendix instructions. Failure to submit applicable certifications as per the appendix instructions will result in bid rejection.

17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which is permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owed on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session - Louisiana Revised Statute 47:301(8)(c). Owner will furnish to contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment, and report to Owner the amount of taxes not incurred.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.



DATE: 3/12/2025

INVITATION TO BID  
THIS IS NOT AN ORDER

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BID NO.: 50-00147430

**JEFFERSON PARISH**

PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

VENDOR: 27118 BLANK BID COPY VENDOR

PURCHASING SPECIALIST:  
TBANKS

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

**DELIVERY: FOB JEFFERSON PARISH**

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK

*LN1-6-BWRS*

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) \_\_\_\_\_

**\*\*\* ALL BIDDERS MUST COMPLETE SECTION BELOW \*\*\***

FIRM NAME:

*CORE AND MAIN*

SIGNATURE:

(Must be signed here)

*David Bayhi*

TITLE:

*SALES*

PRINT OR TYPE NAME:

*DAVID BAYHI*

ADDRESS:

*11323 CLOVERLAND AVE*

CITY, STATE:

*B.R., LA. 70009*

ZIP:

TELEPHONE:

*225-266-4122*

FAX:

*225-266-4144*

EMAIL ADDRESS:

*DAVID.BAYHI@COREANDMAIN.COM*

TOTAL PRICE OF ALL BID ITEMS: \$ *4886.75*

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00147430

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	EA	<p>PURCHASE OF SUPPLIES FOR JEFFERSON PARISH SEWERAGE DEPARTMENT</p> <p>0001 - A106-RPS 150 4 in Singer Pressure Relief Valve 150 lb flanged</p> <p>connections, Ductile Iron Angel Valve Model 81-RP w/20-200PSI spring range, preset at 110psi Copper tubing &amp; brass fittings (standard) Schematic A-0423F</p> <p>Includes</p> <p>Pressure Gauge</p>	\$ 4886.75	\$ 4886.75
2	1.00	EA	<p>0002 - 6 in Keystone Figure 221, Wafer Butterfly with Cast Iron Body, 316 SS Disc, 416 SS Stem EPDM Seat and Gear Operator without extended stem Flange Drilling: ASME 150, Mounting Keystone Coating/Painting: STD</p> <p>Includes</p> <p>Keystone 24:1 Gear Operator, 6 inch Handwheel, 1-1/8 inch bore Item no. ISV-1268120</p> <p>Stem adaptor kit to GOPS: BAD, 24:1 Item no. ISV-1103454</p>	\$ 0	\$ 0