

Bid Number 50 – 00132394

A ONE TIME PURCHASE OF CHECK VALVES AND FLEXIBLE COUPLINGS FOR THE PUBLIC WORKS WAREHOUSE

OCTOBER 9, 2020 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 in the Purchasing Department by the bid due date and time.

Jefferson Parish Purchasing Department 200 Derbigny Street General Government Building, Suite 4400 Gretna, LA 70053

Buyer Name: Doris Abraham, Buyer I Buyer Email: dabraham@jeffparish.net

Buyer Phone: 504-364-2690

INVITATION TO BID

THIS IS NOT AN ORDER

JEFFERSON PARISH

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

VENDOR:

DATE: 10/05/2020

BID NO.: 50-00132394

BUYER: DABRAHAM@jeffparish.net

Bids will be received until 11:00 AM, 10/09/2020 via online at www.jeffparishbids.net or by hand delivery, USPS mail or other courier service to Purchasing Department, 200 Derbigny Street (General Government Building), Suite 4400, Gretna, LA 70053. For convenience, bidders may also submit bids in the East Bank Purchasing Department, Suite 404, Jefferson Parish Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson LA 70123. However, if submitting bids on the day of bid opening, bidders must submit at the West Bank location only.

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.

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. 113646 and/or Resolution No. 113647 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 <u>purchasing.jeffparish.net</u> 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://purchasing.jeffparish.net 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 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. For purchases of labor and materials, 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 permanently incorporated in the project (hereinafter referred to as å??applicable materials and 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 owned 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 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. 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.

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DATE: 10/05/2020

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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 AI 17.1-1961).

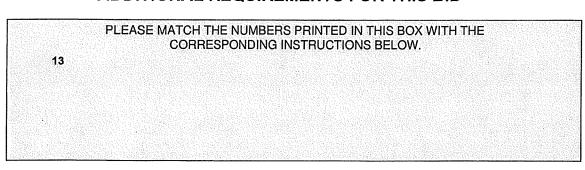
Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or 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 encouraged 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 to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at http://purchasing.jeffparish.net.

ADDITIONAL REQUIREMENTS FOR THIS BID



- 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(I), 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 Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. 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 envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then 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.

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BID NO.: 50-00132394

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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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
- 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. 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. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies). If 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 a requirements contract to be provided on an as needed basis. 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.
- 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 with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.

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.

INVITATION TO BID THIS IS NOT AN ORDER

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DATE: 10/05/2020 BID NO.: 50-00132394

TELEPHONE:

EMAIL ADDRESS:

(504)

JEFFERSON PARISH

PURCHASING DEPARTMENT

P.O. BOX 9 GRETNA, LA. 70054-0009 504-364-2678	
VENDOR:	BUYER: DABRAHAM
As per LSA-RS 47:301 et seq., all governmental bodies are excluded from paymer body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywher Purchasing Department.	
JEFFERSON PARISH reserves the right to cancel all or any part of an order if not allowed for parking or cartage unless specified in quotation. The order must not JEFFERSON PARISH reserves the right to cancel at any time and for any reason to notice to the contractor.	be filled at a higher price than quoted.
JEFFERSON PARISH is expecting all products to be new and all work to be done standard practices. Any deviations or alteration from the specifications must be and upon request, product data for same must be submitted by the time specified	ndicated on the bid form for each item
DELIVERY: FOB JEFFERSON PARISH	7. U. reche
INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES	3-4 WEEKS
INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK	
INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WO	RK
In the event that addenda are issued with this bid, bidders MUST acknowledge all acknowledge receipt of an addendum on the bid form by placing the addendum neacknowledge any addendum on the bid form will result in bid rejection.	addenda on the bid form. Bidder must umber as indicated. Failure to
Acknowledge Receipt of Addenda: NUMBER: ADDENDUM #1	
NUMBER:	
NUMBER:	
NUMBER:	
LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicab	le)
*** ALL BIDDERS MUST COMPLETE SECT	TON BELOW ***
FIRM NAME: Fluid Process & Pumps	
SIGNATURE: TITLE (Must be signed here) Bill Bloken	5 A [ES
PRINT OR TYPE NAME: BILDOM	
ADDRESS: P.O. BOX 10609	
CITY, STATE: NEW OFFERNS 14 ZIP: 7018	31

TOTAL PRICE OF ALL BID ITEMS: \$.

DATE: 10/05/2020

INVITATION TO BID FROM JEFFERSON PARISH - continued

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BID NO.: 50-00132394

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			A one time purchase of check valves and flexible couplings for the Public Works Warehouse		
1	4.00	EA	0010 - COUPLING, FLEXIBLE, SHIELDED, 10 IN. CLAY PIPE X 8 IN. SDR-26 PVC	Nobid	
			PIPE, 5000 SERIES STRONG BACK RC TYPE, STAINLESS STEEL SHEAR RING AND CLAMPS, FERNCO NO. 5002-108RC SK NUMBER 00-013556A		
2	3.00	EA	0020 - VALVE, CHECK, WAFER, 6 IN., DUCTILE IRON BODY, EXTERNAL SPRING	Nobid	
			AND LEVER, SS HARDWARE, 2-3/4 INCH FACE TO FACE, ANSI CLASS 150, ANSI B16.1, ENDURO-BOND, KF EAGLE SERIES 18 NO. 7394-126K419191, MILLIKEN 700 SK NUMBER 00-0621930		
3	1.00	EA	0030 - VALVE, CHECK FLANGED, 8 IN. X 19-1/2 IN. FACE TO FACE, SPRING AND LEAVER, RES, MUELLER NO. A-2602-6-02 SK NUMBER 00-0621980	1,627.00	1,627.00
			DELIVER TO: PUBLIC WORKS WAREHOUSE 1500 RIVER PARK ROAD BRIDGE CITY, LA 70094 ATTN: MARK MCDONALD		•
			* SEE Attached Specs* For your review & Approval.		
			Approval.		
			WE AFE bidding		
			GA Model 8"3405 VALVE.		
			,		



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG PARISH PRESIDENT RENNY SIMNO

October 8, 2020

ADDENDUM # 1

Bid Number: 50-00132394

Receipt Date: October 9, 2020 Postponed To Date: October 14, 2020

<u>Description of Bid:</u> A ONE TIME PURCHASE OF CHECK VALVES AND FLEXIBLE COUPLINGS FOR THE PUBLIC WAREHOUSE

All Parish Government buildings will be closed tomorrow, October 9, 2020 due to Hurricane Delta.

This addendum # 1 is issued to postpone this bid opening to October 14, 2020.

Sincerely, Doris Abraham

Buyer Name Buyer (I or II)

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form by indicating the addendum number listed above. Failure to list each addenda number on the bid form will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

CYNTHIA LEE SHENG PARISH PRESIDENT RENNY SIMNO DIRECTOR

September 2020

Changes to Jefferson Parish Bidding Information

The Jefferson Parish Purchasing Department would like to make vendors aware of the following changes:

Total Bid Price Must Include the Cost of Naming Jefferson Parish as Additional Insured:

Bidder acknowledges that Bidder recovered the cost of any required insurance in the contract price as required by La.R.S. 9:2780.1 and that Bidder recovered any such cost for the purposes of insuring an obligation to indemnify Jefferson Parish, defend Jefferson Parish, or hold Jefferson Parish harmless and that Bidder's indemnity liability is limited to the amount of the proceeds that are payable under the insurance policy or policies that Bidder has obtained.

Electronic Procurement: Beginning November 1, 2020, Jefferson Parish will no longer accept manual bid submissions; and will only accept bid submissions electronically via our e-Procurement system, Central Bidding. Central Bidding can be accessed by visiting either www.centralbidding.com or www.jeffparishbids.net. All bidders will be required to register with Central Bidding. Jefferson Parish vendors are able to register for free by accessing the following link: https://www.centralauctionhouse.com/registration.php.

<u>Probable Construction Cost</u>: Per Jefferson Parish Administrative Policy, the probable construction cost is not revealed in the Jefferson Parish Bidding Documents. Jefferson Parish Administrative Policy has changed and a range of the probable construction cost will be stated in the Jefferson Parish bidding document, entitled Important Notice to All Bidders – Bid Requirements. Per Louisiana Public Bid Law, the probable construction cost will be read at the bid opening.

<u>Insurance Requirement</u>: All bidders must provide proof of valid insurance in the required amounts as stated in the Standard Insurance Requirements for bidding purposes. Failure to provide the proof of valid insurance in all of the required coverage amounts will result in bid rejection.

LUDLOW Series Figure 340-S

LEVER AND SPRING SWING CHECK VALVES

COMBATS SLAM

FEATURES



FIG. NO. 340-S (Single Lever and Spring)

More than a century of valve design and manufacturing.

Consult factory for availability of options.

Working Pressure

3" through 30" . . . 250 psi

Hydrostatic Test Pressure

3" through 30" . . . 400 psi

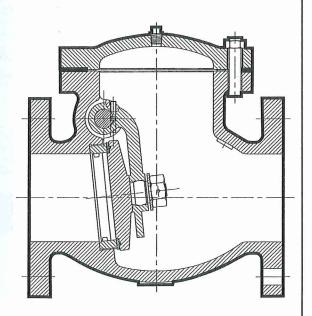
- Meets design, materials of construction and testing requirements of AWWA C508 (latest revision)
- ANSI Class 125 flanged, 250 PSI rated ductile iron construction
- 3. NSF-61 certified epoxy lined and coated
- 4. Stainless steel body seat
- Rubber faced ductile iron disc for zero seat leakage
- Adjustable Teflon shaft packing for low friction operation
- 7. Stainless steel hinge shaft supported at both ends in bronze bearings
- 8. Powerful closure devices for non-slam operation

MATERIALS OF CONSTRUCTION

Part Name	Standard Material
Body, Cover Disc and Disc Arm	Ductile Iron ASTM A536 Grade 65-45-12
Body Seat	300 Series Stainless Steel
Resilient Seat	Nitrile (Buna-N)
Shaft, Key	300 Series Stainless Steel
Cover Gasket	Graphite
Exterior Studs Bolts and Nuts	A307 Carbon Steel

NOTE: Also available with Lever and Weight and/or Cushioned.

CROSS SECTION

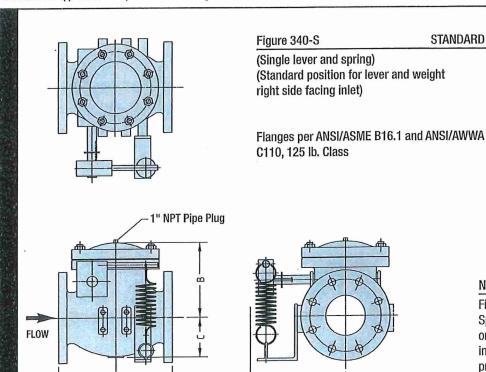


LUDLOW Series Figure 340-S

LEVER AND SPRING SWING CHECK VALVES

	GENERAL DIMENSIONS										
SIZE		А		В		С		D		WEIGHT	
Inches	MM	Inches	MM	Inches	MM	Inches	MM	Inches	MM	lbs	kg
3"	80	9-1/2	241	6-1/4	157	3	75.8	9-1/4	247	70	32
4"	100	11-1/2	292	7-1/2	186	3-3/4	93.9	10-1/4	259	100	45
6"	150	14	356	9-1/2	237	14	125	11-7/8	301	170	77
8"	200	19-1/2	495	11-1/4	282	5	163	14	358	300	136
10"	250	24-1/2	622	14-1/4	357	7-1/2	188	15-1/4	387	450	204
12"	300	27-1/2	698	16-1/2	417	8-7/8	224	16-3/8	416	650	295
14"	350	31	787	17-3/4	447	10-1/2	265	17-1/4	439	950	430
16"	400	36	914	19-1/2	495	11-5/8	296	22	557	1200	545
18"	450	40	1016	21-1/8	536	12-5/8	320	23-1/4	590	1500	680
20"	500	40	1016	23-1/4	586	14	357	24-1/2	621	2000	907
24"	600	48	1210	28-1/2	720	17-1/8	435	27	686	3000	1360
30"	750	60	1524	33	838	26	660	41	1041	6000	2727

Dimensions are approximate. Request certified drawings if clearances are critical.



NOTE:

STANDARD

Figure 340-S Lever and Spring standard position is on right-hand side facing inlet. Opposite position provided upon order or convertible in the field.