



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

**5000121414 ONE YEAR CONTRACT FOR THE SUPPLY OF SDR 35
FITTINGS AND FLEXIBLE COUPLING FOR THE JEFFERSON PARISH
DEPARTMENT OF SEWERAGE**
Jefferson Parish Government

Project documents obtained from www.CentralBidding.com
03-Nov-2017 07:32:50 AM



Bid Number 50 - 00121414

**ONE YEAR CONTRACT FOR THE SUPPLY OF SDR 35 FITTINGS AND
FLEXIBLE COUPLING FOR THE JEFFERSON PARISH DEPARTMENT OF
SEWERAGE AND ALL JEFFERSON PARISH AGENCIES AND
MUNICIPALITIES**

NOVEMBER 16, 2017 AT 2:00 PM

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
Donna Evans
DMEvans@Jeffparish.net
504-364-2691**

DATE: 10/25/2017
BID NO.: 50-00121414

INVITATION TO BID
THIS IS NOT AN ORDER

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JEFFERSON PARISH

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

BUYER: DMEVANS@jeffparish.net

BIDS WILL BE RECEIVED IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 11/16/2017 AND PUBLICLY OPENED THEREAFTER.

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. All bids will be publicly opened at the West Bank location.

At no charge, bidders may also submit via Jefferson Parish's electronic procurement page by visiting www.jeffparishbids.net to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

LATE BIDS WILL NOT BE ACCEPTED

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

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.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

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.

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 mandatory. Further, a current W-9 form and respective Tax Identification number must be supplied upon contract execution, should you be awarded a contract and/or issued purchase order. Failure to do so may result in delay of payment.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

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 alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing via email to the buyer's email address as indicated above, no later than Five (5) working days prior to the bid opening. Bid numbers should be mentioned in all requests. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

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. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement on the bid form by the bidder. 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.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)

DATE: 10/25/2017

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BID NO.: 50-00121414

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. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: 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. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

PROTESTS: Only those vendors that submitted a bid in response to this solicitation may submit a protest in writing to the Director of the Purchasing within 48 hours of bid opening. The Purchasing Director will review it in connection with the Parish Attorney's Office which will then respond in writing as soon as possible.

PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA - R.S. 38:2251-2261"

B. 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.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part 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 any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: 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 Parish 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.

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

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.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

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>.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy 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://purchasing.jeffparish.net> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

10,12,13,15

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(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.
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. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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 stated 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. Prior to contract executions/purchase order issuance, the successful bidder will be required to provide final insurance certificates which shall name Jefferson Parish as an additional insured in accordance with the instructions in the aforementioned "Standard Insurance Requirements" sheet.
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.
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 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 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

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: 10/25/2017

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BID NO.: 50-00121414

BID FORM
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____ %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

Stock - 2 weeks

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

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Ferguson Enterprises

DBA Louisiana Utilities Supply
901 S Labarre Rd, Suite 206
Metairie LA 70001

ADDRESS: _____

CITY, STATE: _____ ZIP: _____

TELEPHONE: (504) 834-1106 FAX: (504) 831-4179

EMAIL ADDRESS: Cathy.McCarthy@ferguson.com

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 as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 49,321.52

AUTHORIZED SIGNATURE: Cathy A. McCarthy

Cathy A. McCarthy
Printed Name

TITLE: Branch Manager

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00121414

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			ONE YEAR CONTRACT FOR SUPPLY OF SDR 35 FITTINGS AND FLEXIBLE COUPLING FOR THE DEPARTMENT OF SEWERAGE AND ALL JEFFERSON PARISH AGENCIES AND MINICIPALITIES		
			ONE (1) YEAR CONTRACT FOR SUPPLY OF SDR 35 FITTINGS AND FLEXIBLE COUPLING FOR THE DEPARTMENT OF SEWERAGE, AND ALL JEFFERSON PARISH AGENCIES AND MUNICIPALITIES		
1	5.00	EA	0001 - 4 Inch WYES 45 Degrees (All Bell) SDR-35	8.61	43.05
2	2.00	EA	0002 - 4 Inch 45 Degree Bends (B&B) SDR-35	5.00	10.00
3	15.00	EA	0003 - 4 Inch 22-1/2 Degree Bends (B&S) SDR-35	4.75	71.25
4	2.00	EA	0004 - 4 Inch 45 Degree Bends (B&S) SDR-35	4.49	8.98
5	48.00	EA	0005 - 4 Inch 90 Degree Bends SDR-35	6.29	301.92
6	15.00	EA	0006 - 4 Inch 90 Degree Bends (B&S) SDR-35	5.77	86.55
7	440.00	EA	0007 - 6 Inch WYES 45 Degrees (All Bell) SDR-35	19.76	8694.40
8	260.00	EA	0008 - 6 Inch Caps (Plastic Only) SDR-35	6.03	1567.80
9	1.00	EA	0009 - 6 Inch X 6 Inch X 6 Inch Tees (All Bell) SDR-35	17.33	17.33
10	420.00	EA	0010 - 6 Inch 45 Degree Bends (B&S) SDR-35	8.98	3771.60
11	2.00	EA	0011 - 6 Inch 90 Degree Bends (B&B) SDR-35	11.55	23.10

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00121414

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
12	60.00	EA	0012 - 8 Inch WYES 45 Degrees (All Bell) SDR-35	54.12	3247.20
13	2.00	EA	0013 - 8 Inch X 8 Inch X 6 Inch Tees (All Bell) SDR-35	27.08	54.16
14	2.00	EA	0014 - 8 Inch X 8 Inch X 8 Inch Tees (All Bell) SDR-35	38.43	76.86
15	2.00	EA	0015 - 8 Inch Caps (Plastic Only) SDR-35	16.30	32.60
16	2.00	EA	0016 - 8 Inch 45 Degree Bends (B&S) SDR-35	27.08	54.16
17	2.00	EA	0017 - 8 Inch 45 Degree Bends SDR-35	28.35	56.70
18	2.00	EA	0018 - 8 Inch 90 Degree Bends (B&S) SDR-35	32.97	65.94
19	2.00	EA	0019 - 10 Inch 45 Degree Bends (B&S) SDR-35 Solid Wall	72.48	144.96
20	2.00	EA	0020 - 10 Inch X 6 Inch Saddles SDR-35 Solid Wall	37.63	75.26
21	2.00	EA	0021 - 10 Inch X 6 Inch Tees (All Bell) SDR-35 Solid Wall	86.47	172.94
22	4.00	EA	0022 - 12 Inch 45 Degree Bends (B&S) SDR-35 Solid Wall	103.58	414.32
23	2.00	EA	0023 - 12 Inch X 6 Inch Saddles SDR-35 Solid Wall	43.96	87.92
24	40.00	EA	0024 - Flexible Couplings (Fernco or Equal)	13.31	532.40

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00121414

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			4 Inch x 4 Inch PVC to PVC		
25	2.00	EA	0025 - 4 Inch X 2 Inch PVC to PVC	11.81	23.62
26	2.00	EA	0026 - 4 Inch X 4 Inch Dickey Clay to PVC/CI	12.18	24.36
27	75.00	EA	0027 - 4 Inch X 6 Inch Dickey Clay to PVC CI	24.54	1840.50
			Fernco		
28	125.00	EA	0028 - 6 Inch X 4 Inch PVC to PVC	25.61	3201.25
29	2.00	EA	0029 - 6 Inch X 4 Inch Dickey Clay to PVC CI	37.94	75.88
30	2.00	EA	0030 - 6 Inch X 4 Inch Concrete to PVC CI	44.52	89.04
31	48.00	EA	0031 - 6 Inch X 6 Inch Concrete to PVC/CI	29.80	1430.40
32	16.00	EA	0032 - 6 Inch X 6 Inch Dickey Clay to Dickey Clay	19.54	312.64
33	195.00	EA	0033 - 6 Inch X 6 Inch Dickey Clay to PVC/CI	25.50	4972.50
34	24.00	EA	0034 - 6 Inch X 6 Inch Concrete to Concrete	19.54	468.96
35	25.00	EA	0035 - 6 Inch X 6 Inch AC to PVC/CI	19.54	488.50
36	25.00	EA	0036 - 6 Inch X 6 Inch PVC to PVC	19.54	488.50
37	75.00	EA	0037 - 8 Inch X 6 Inch Dickey Clay to PVC/CI	29.00	2175.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00121414

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
38	15.00	EA	0038 - 8 Inch X 6 Inch PVC to PVC	44.63	669.45
39	2.00	EA	0039 - 8 Inch X 6 Inch AC to PVC/CI	37.23	74.46
			Fernco		
40	2.00	EA	0040 - 8 Inch X 8 Inch Dickey Clay to Dickey Clay	29.00	58.00
41	16.00	EA	0041 - 8 Inch X 8 Inch Dickey Clay to PVC/CI	29.00	464.00
42	25.00	EA	0042 - 8 Inch X 8 Inch Concrete to Concrete	29.00	725.00
43	15.00	EA	0043 - 8 Inch X 8 Inch AC to PVC/CI	29.00	435.00
			Fernco		
44	40.00	EA	0044 - 8 Inch X 8 Inch PVC to PVC	29.00	1160.00
45	2.00	EA	0045 - 8 Inch X 8 Inch Concrete to PVC/CI	37.88	75.76
46	2.00	EA	0046 - 10 Inch X 10 Inch Dickey Clay to Dickey Clay	37.72	75.44
47	10.00	EA	0047 - 10 Inch X 10 Inch PVC/CI to PVC/CI	37.72	377.20
48	10.00	EA	0048 - 10 Inch X 10 Inch Dickey Clay to PVC/CI	37.72	377.20
			Fernco		
49	2.00	EA	0049 - 10 Inch X 10 Inch Concrete (CC) to PVC/CI	46.49	92.98

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00121414

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
50	6.00	EA	0050 - 10 Inch X 10 Inch AC to PVC/CI	46.06	276.36
			Fernco		
51	2.00	EA	0051 - 12 Inch X 12 Inch Dickey Clay to Dickey Clay	46.18	92.36
52	2.00	EA	0052 - 12 Inch X 12 Inch PVC/CI to PVC/CI	46.18	92.36
53	2.00	EA	0053 - 12 Inch X 12 Inch Dickey Clay to PVC/CI	46.18	92.36
54	2.00	EA	0054 - 12 Inch X 12 Inch Concrete to PVC/CI	65.19	130.38
			Fernco		
55	2.00	EA	0055 - 12 Inch X 12 Inch Concrete to Concrete	46.18	92.36
56	2.00	EA	0056 - 12 Inch X 12 Inch AC to PVC/CI	57.69	115.38
			Fernco		
57	2.00	EA	0057 - 15 Inch X 12 Inch Dickey Clay to PVC/CI	117.56	235.12
			Fernco		
58	10.00	EA	0058 - 15 Inch X 15 Inch Concrete to PVC/CI	177.80	1778.00
59	12.00	EA	0059 - 15 Inch X 15 Inch PVC/CI to PVC/CI	78.90	946.80
60	4.00	EA	0060 - 15 Inch X 15 Inch Dickey Clay to PVC/CI	87.18	348.72

DATE: 10/25/2017

INVITATION TO BID FROM JEFFERSON PARISH - continued

SEALED BID

BID NO.: 50-00121414

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
61	4.00	EA	0061 - 18 Inch X 18 Inch Dickey Clay to PVC/CI Fernco	216.06	864.24
62	2.00	EA	0062 - 18 Inch X 18 Inch AC to PVC/CI Fernco	164.35	328.70
63	2.00	EA	0063 - T Cone Expandable Pipe Plug, 4 Inch, Dickey Brand ETCO No. S-401 or Equal ETCO No. ST-401 **Sioux Chief #882-ST402**	4.14	8.28
64	382.00	EA	0064 - T Cone Expandable Pipe Plug, 6 Inch, Dickey Brand ETCO No. S-601 or Equal ETCO No. ST-601 **Sioux Chief No. 882-ST602**	10.48	4003.36
65	2.00	EA	0065 - 6 Inch PVC Backflow Preventer Plaster Trends No. P0106 NDS 675P **Sioux Chief No. 869-6P**	97.12	194.24
66	2.00	EA	0066 - 4 Inch PVC Backwater Valve NDS 475P or Equal NDS 475P **Sioux Chief No. 869-S4APK**	24.50	49.00

SDR 35 Fittings and Flexible Coupling

Contract

Items Included In This Contract:

1. SDR 35 Fittings (4" through 15")
2. Shielded Repair Couplings (4" through 15")
3. Expandable "T" Cone Pipe Plugs (4" & 6")
4. PVC Backflow Preventer/Backwater Valve

Contract Terms:

This is a one year contract for supply of SDR 35 fittings and flexible coupling for the Department of Sewerage, and all Jefferson Parish agencies and municipalities.

Warranty:

Products shall be warranted that they are manufactured in accordance with the applicable material specifications and are free from defects in workmanship and materials for one year after delivery. Any defective items sold under this contract shall be replaced at no cost to the purchaser.

General Specifications:

This specification is prepared for a one (1) year contract for a supply of SDR 35 fittings and flexible coupling for the Parish of Jefferson, Department of Sewerage, East and West Bank.

The quantities shown on the proposal guide are approximate quantities to be acquired by Jefferson Parish over a one (1) year period. Actual usage will be on an "as needed" basis.

Bid delivery shall include all freight and delivery costs to Jefferson Parish warehouse locations on the East and West Banks of Jefferson Parish.

All technical and product literature must be submitted with the bid. Failure to honor such request will result in the bid being considered non-responsive.

Technical Specifications:

I. SDR 35 PVC Sewer Fittings:

SDR 35 PVC gravity sewer fittings shall be available in 4" through 15" and shall meet all the requirements of ASTM D 3034 "type PSM poly (vinyl chloride) (PVC) sewer pipe and fittings".

II. Shielded Repair Couplings:

Shielded repair couplings (4" through 15") shall be designed for making sewer connections, repairs and fittings insertions. These shall be suitable for connecting plain end of any material combinations of clay, concrete, cast iron, plastic, etc. with stainless steel shear rings and "nut and bolt clamp design. Shielded repair couplings shall be "Fernco's 5000 Series Strong Back RC Couplings" or "Mission Rubbers' ARC". ASTM C1173-08.

III. Expandable "T" Cone Pipe Plugs (4" & 6"):

Expandable "T" cone pipe plugs shall provide tight positive seal in gravity (non-pressure) sewer pipes and fittings (steel, cast/ductile iron, clay, and plastic). Expandable "T" cone pipe plugs shall consist of a rigid plug and sealing ring (no metal parts):

- **Rigid Plugs:**

Rigid plugs shall be made of reinforced polypropylene material for all sizes.

- **Sealing Ring:**

Sealing rings shall be made of polyurethane material for 4" - 6" sizes.

Expandable "T" cone pipe plugs shall meet or exceed all applicable requirements of ASTM D-412, D-575, D-624, D-676, and D-792.

Expandable "T" cone pipe plugs shall be made by "ETCO Specialty Products, Inc." or an approved equal.

IV. PVC Backflow Preventer/Backwater Valve (4" & 6"):

Flapper - The backwater valve shall have removable quick action flapper to allow unrestricted uni-directional flow with elastomeric gasket in the flapper to ensure a watertight seal.

Access Cap - Access cap shall be threaded and shall have neoprene gasket and shall provide a positive seal. Threaded access cap shall be designed for hand tightening.

Valve Hub - Valve hub outlets shall fit 2", 3", 4", or 6" sewer pipe. There shall be an arrow on top of the valve hub pointing in the direction of the flow.

Backwater valve shall meet all applicable requirements of ASTM D 2661, ASTM D 2665, and ASME 112.14.1 and shall be manufactured by National Diversified Sales, Inc. or an approved equal.

STANDARD INSURANCE REQUIREMENTS – PUBLICLY ADVERTISED BIDS

All required insurance under this bid shall conform to Jefferson Parish Resolution No. 113646 or No. 113647, as applicable. Contractors may not commence any work under any ensuing contract unless and until all required insurance and associated evidentiary requirements thereto have been met, along with any additional specifications contained in the advertised bid. Except as where otherwise precluded by law, the Parish Attorney or his designee, with the concurrence of the Director of Risk Management or his designee, may agree on a case-by-case basis, to deviate from Jefferson Parish's standard insurance requirements, as provided in this Section. Vendors requesting deviation therefrom shall submit such requests in writing, along with compelling substantiation, to the Purchasing Department prior to the bid's due date. Any changes to the insurance requirements will be reflected in the bid specifications and addenda. Prior to contract execution and at all times thereafter during the term of such contract, contractors must provide and continuously maintain all coverages as required by the foregoing Resolutions, and the contract documents. Failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

For bidding purposes, bidders must submit with bid submission a current (valid) insurance certificate evidencing the required coverages. Failure to comply will cause bid to be rejected. The current insurance certificate will be used for proof of insurance at time of evaluation. Thereafter, and prior to contract execution, the low bidder will be required to provide final insurance certificates to the Parish which shall name the Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council as additional insureds regarding negligence by the contractor for the Commercial General Liability, Workmen's Compensation Insurance and the Comprehensive Automobile Liability policies. Additionally, said certificates should reflect the name of the Parish Department receiving goods and services and reference the respective Jefferson Parish bid number.

JEFFERSON PARISH REQUIRED STANDARD INSURANCE

WORKER'S COMPENSATION INSURANCE

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

Note: If your company is not required by law to carry workmen's compensation insurance, i.e. not a Louisiana company, sole employee of the company, then bidders must request a workmen's compensation insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy 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.

COMMERCIAL GENERAL LIABILITY

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

COMPREHENSIVE AUTOMOBILE LIABILITY

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.
Property Damage Liability \$1,000,000.00 each occurrence.

Note: This category may be omitted if bidders do not/will not utilize company vehicles for the project or do not possess company vehicles. Bidder must request an automobile insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. 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.

DEDUCTIBLES

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible shall be borne by the contractor.

NOTE: If the vendor requires a change in deductibles, the request must be submitted in writing to the Purchasing Department prior to the due date of the bid. Such request shall be reviewed by the Parish Attorney's Office with the concurrence of the Director of Risk Management.

UMBRELLA LIABILITY COVERAGE

An umbrella policy or excess may be used to meet minimum requirements.

FOR CONSTRUCTION AND RENOVATION PROJECTS:

The following are required unless otherwise specified in the bid. Such insurance is due upon contract execution.

1) **OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

2) **BUILDER'S RISK INSURANCE**

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.

Non-Public Works Bid Affidavit Instructions

- **Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.**
- **Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.**
- **Affidavit must be notarized or the affidavit will not be accepted.**
- **Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.**
- **Affiant MUST select either A or B when required or the affidavit will not be accepted.**
- **Affiants who select choice A must include an attachment or the affidavit will not be accepted.**
- **If both choice A and B are selected, the affidavit will not be accepted.**
- **Affidavit marked N/A will not be accepted.**
- **It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.**

Instruction sheet may be omitted when submitting the affidavit

Non-Public Works Bid

AFFIDAVIT

STATE OF LA

PARISH/COUNTY OF Jefferson

BEFORE ME, the undersigned authority, personally came and appeared: Cathy A
McCarthy, (Affiant) who after being by me duly sworn, deposed and said that
he/she is the fully authorized Branch Manager of Ferguson Enterprises dba
Utilities Supply Co (Entity),
the party who submitted a bid in response to Bid Number ED00121414, to the Parish of
Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Cathy A. McCarthy
Signature of Affiant

Cathy A. McCarthy
Printed Name of Affiant

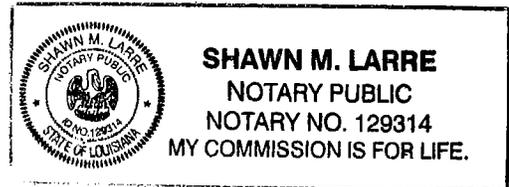
SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 13th DAY OF November, 2017

Shawn M. Larre
Notary Public

SHAWN M. LARRE
Printed Name of Notary

129314
Notary/Bar Roll Number

My commission expires At Death



CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF

INCORPORATED.

AT THE MEETING OF DIRECTORS OF _____
INCORPORATED, DULY NOTICED AND HELD ON _____,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT _____, BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE ABOVE
DATED MEETING OF THE BOARD OF
DIRECTORS OF SAID CORPORATION, AND
THE SAME HAS NOT BEEN REVOKED OR
RESCINDED.

SECRETARY-TREASURER

DATE



JEFFERSON PARISH

Department of Purchasing

Michael S. Yenni
Parish President

Brenda C. Patel
Director

CHANGES TO JEFFERSON PARISH BIDDING PROCEDURES

The East bank Office of Purchasing is now open! We are located in the Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Suite 404, Jefferson, LA 70123. Bidders may submit bid responses at this location, pending authorization in each bid package. **Bidders should carefully read and must respond accordingly per the requirements of the bid packages. NOTE: Bidders submitting bids on the day of bid opening, bidders must submit at the West Bank location only.**

Other Changes Continued:

- For all advertised sealed bids, written evidence of signature authority must be included with bid submission.
- Current W9 Forms 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, a current W-9 form must be supplied upon contract execution, should you be awarded a contract and/or issued a purchase order.
- Upon contract execution, successful bidder must produce final insurance certificates per standard Jefferson Parish insurance requirements. Proof of insurance is required for bidding purposes. Bidders must read the insurance requirements attachment included in each bid package for specific instructions.

Bidders should reference the "Additional Requirements" section of the bid instructions and/or the "Important Notice to Bidders" included in the bid package for specific requirements to respond accordingly.

For more information, please call Jefferson Parish Purchasing at 504-364-2678.

General Government Bldg. – 200 Derbigny St – Suite 4400 - Gretna, LA 70053

Office 504.364.2678

Email: Purchasing@jeffparish.net Website: www.jeffparish.net



CERTIFICATE OF LIABILITY INSURANCE

Page 1 of 2

DATE (MM/DD/YYYY)
06/20/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. IF SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Willis of Maryland, Inc. c/o 26 Century Blvd. P. O. Box 305191 Nashville, TN 37230-5191	CONTACT NAME:		
	PHONE (A/C NO. EXT): 610-964-8700	FAX (A/C NO.): 610-254-5600	
	E-MAIL ADDRESS: certificates@willis.com		
	INSURER(S) AFFORDING COVERAGE	NAIC#	
	INSURER A: National Union Fire Ins. Co. of Pittsburgh	19445-002	
INSURED Ferguson Enterprises, Inc. and Subsidiaries (See Attached Named Insured Schedule) 12500 Jefferson Avenue Newport News, VA 23602	INSURER B: National Union Fire Ins. Co. of Pittsburgh	19445-000	
	INSURER C: National Union Fire Ins. Co. of Pittsburgh	19445-001	
	INSURER D: New Hampshire Insurance Company	23841-001	
	INSURER E:		
	INSURER F:		

COVERAGES CERTIFICATE NUMBER: 25533776 REVISION NUMBER: See Remarks

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN. THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ITR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER:	Y		GL712-9880	5/1/2017	5/1/2018	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 5,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	AUTOMOBILE LIABILITY	Y		AOS CA1921927	5/1/2017	5/1/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000
B	<input checked="" type="checkbox"/> ANY AUTO	Y		MA CA1921928	5/1/2017	5/1/2018	BODILY INJURY (Per person) \$
C	<input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> Self-Insured <input checked="" type="checkbox"/> Physical Damage	Y		VA CA1921929	5/1/2017	5/1/2018	BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTIONS	Y		12318770	5/1/2017	5/1/2018	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000 \$
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WC023102516	5/1/2017	5/1/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 2,000,000 E.L. DISEASE - EA EMPLOYEE \$ 2,000,000 E.L. DISEASE - POLICY LIMIT \$ 2,000,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
THIS VOIDS AND REPLACES PREVIOUSLY ISSUED CERTIFICATE DATED: 4/12/2017 WITH ID: 25423358

Re: Resolution No. 125223
See Attached for Additional Workers' Compensation Policies:
The Parish of Jefferson, its Districts, Departments and Agencies under the direction of the Parish President and Parish Council are included as Additional Insureds under General Liability and Auto

CERTIFICATE HOLDER The Parish of Jefferson, its Districts, Departments Agencies under the direction of the Parish - President and Parish Council Engineering Department 1221 Elmwood Park Blvd., Ste. 802 Jefferson, LA 70123	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

AGENCY CUSTOMER ID: 031419

LOC#: _____



ADDITIONAL REMARKS SCHEDULE

Page 2 of 2

AGENCY Willis of Maryland, Inc.		NAMED INSURED Ferguson Enterprises, Inc. and Subsidiaries (See Attached Named Insured Schedule) 12500 Jefferson Avenue Newport News, VA 23602	
POLICY NUMBER See First Page		EFFECTIVE DATE: See First Page	
CARRIER See First Page	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: CERTIFICATE OF LIABILITY INSURANCE

Liability as required by written contract but only with respect to liability arising out of Named Insured's operations.

Umbrella follows form.

ADDITIONAL COVERAGE SCHEDULE

COVERAGE	LIMITS
POLICY TYPE: Workers' Compensation & Employers Liability- ME CARRIER: New Hampshire Insurance Company POLICY TERM: 05/01/2017 - 05/01/2018 POLICY NUMBER: WC023102515	Per Statute E.L. Each Accident: \$2,000,000 E.L. Disease-Policy Limit: \$2,000,000 E.L. Disease-Each Employee: \$2,000,000
POLICY TYPE: Workers' Compensation & Employers Liability - CA CARRIER: American Home Assurance Company POLICY TERM: 05/01/2017 - 05/01/2018 POLICY NUMBER: WC023102514	Per Statute E.L. Each Accident: \$2,000,000 E.L. Disease-Policy Limit: \$2,000,000 E.L. Disease-Each Employee: \$2,000,000
POLICY TYPE: Workers' Compensation & Employers Liability - FL CARRIER: Illinois National Insurance Company POLICY TERM: 05/01/2017 - 05/01/2018 POLICY NUMBER: WC023102513	Per Statute E.L. Each Accident: \$2,000,000 E.L. Disease-Policy Limit: \$2,000,000 E.L. Disease-Each Employee: \$2,000,000
POLICY TYPE: Workers' Compensation & Employers Liability - MA & WI CARRIER: New Hampshire Insurance Company POLICY TERM: 05/01/2017 - 05/01/2018 POLICY NUMBER: WC023102518	Per Statute E.L. Each Accident: \$2,000,000 E.L. Disease-Policy Limit: \$2,000,000 E.L. Disease-Each Employee: \$2,000,000
POLICY TYPE: Workers' Compensation & Employers Liability - AK,AZ,IL,KY,NC,NH,NJ,PA,UT,VA,VT CARRIER: New Hampshire Insurance Company POLICY TERM: 05/01/2017 - 05/01/2018 POLICY NUMBER: WC023102517	Per Statute E.L. Each Accident: \$2,000,000 E.L. Disease-Policy Limit: \$2,000,000 E.L. Disease-Each Employee: \$2,000,000

**Ferguson Enterprises, Inc. and Subsidiaries.
List of Named Insureds**

Air Cold Supply	E & J Plumbing & Heating Supply Co.
Air Cold Supply/Webb Distributors	Economy Plumbing and Heating Supply Co.
Alamo Pipe & Supply	Endries International, Inc.
Alaska Pipe & Supply	Energy & Process Corporation
Andrews Lighting Gallery, Inc. (dba Andrews Lighting & Hardware Gallery)	Equarius, Inc. dba Equarius Waterworks, Meter & Automation Group
Arkansas Supply, Inc.	Factory Direct Appliance
Ar-Jay Building Products, Inc. (dba The Ar-Jay Center)	Ferguson Bath Kitchen and Lighting Gallery
Atlantic American Fire Equipment Company	Ferguson Enterprises IV, Inc.
Arkansas Supply	Ferguson Enterprises of Montana, Inc.
The Bath + Beyond	Ferguson Enterprises of Virginia, Inc.
Bruce-Rogers Company	Ferguson Enterprises V, Inc.
Build.com, Inc.	Ferguson Enterprises, Inc.
Builders Appliance Center, LLC	Ferguson Enterprises, Inc. dba WPCC Forwarding
CAL-STEAM, a Wolseley Company	Ferguson Enterprises, Inc. A Corp of Virginia
Camellia Valley Supply	Ferguson Enterprises NY – Metro, Inc.
Castle Supply Company, Inc.	Ferguson Fire & Fabrication, Inc.
CastleNorth	Ferguson Fire & Fabrication, Inc. (fka Action Fire Fab & Supply, Inc.)
Central Pipe & Supply	Ferguson Fire & Fabrication, Inc. (fka Sierra Craft, Inc.)
CFP	Ferguson Full Service Supply
Chadwick	Ferguson Heating & Cooling
City Lights Design Showroom	Ferguson Holdings, Inc.
Clawfoot Supply, LLC	Ferguson Hospitality Sales
Clayton Group, Inc.	Ferguson Industrial Plastics and Pump Division
Clayton International, LLC	Ferguson Integrated Systems Division, Inc.
Cline Contract Sales	Ferguson Intermountain Piping
Colgan Cabinets	Ferguson International
Colgan Distributors	Ferguson Process Services
Crow Company	Ferguson Valve & Automation
Custom Lighting Incorporated	Ferguson Waterworks
Custom Hardware and Accessories, Inc.	Ferguson Waterworks - Midwest Pipe
D & C Plumbing & Heating Supply	Ferguson Waterworks - Municipal Pipe
Davis & Warshow, Inc.	Ferguson Waterworks - Red Hed
Davidson Electric Wholesale Supply	Ferguson Waterworks EPPCO
The Davidson Corporation, a Delaware Corporation	Ferguson Waterworks International
The Davidson Group Companies, Inc	Frischkorn, Inc.
Davidson Group Leasing	Gabriel Scientific & Machine, LLC
Davidson Pipe Company Inc., a New York Corporation	Galleria Bath & Kitchen Showplace
Davidson Pipe Supply Company, Inc.	Gilmour Supply Company, Inc.
Davies Water	Global HVAC Distributors, Inc.
Dealernet, LLC dba Dealernet	Ferguson Enterprises, Inc. dba Groeniger
Decorative Product Source, Inc.	

**Ferguson Enterprises, Inc. and Subsidiaries.
List of Named Insureds**

& Company
Gulf Refrigeration Supply
High Country Plumbing Supply
Home Equipment Company, Inc.
HP Products Corporation
HP Logistics, Inc.
Indiana Plumbing Supply Co., Inc.
Industrial Hub of the Carolinas
J&G Products
J.D. Daddario Company
Joseph G. Pollard Co., Inc.
Kandall Fabricating
Karl's Appliances, A Ferguson Enterprise
Lane Piping Co.
Lawrence Plumbing Supply Co.
Lighting Unlimited, LLC
Lincoln Products
Linwood Pipe and Supply
Living Direct, Inc.
Louisiana Utilities Supply Company
Louisiana Chemical Pipe, Valve & Fitting,
Inc. dba Wolseley Industrial Group
LUSCO
Lyon Conklin & Co., Inc.
Mastercraft Cabinets
Matera Paper Company, Inc.
McFarland Supply Co., Inc.
Michigan Meter Technology
Michigan Pipe & Valve-Flint, Inc.
Michigan Pipe & Valve-Lansing, Inc.
Monotube Pile Corporation
Northern Water Works Supply, Inc.
Onda-Lay Pipe and Rental, Inc.
Page's Appliances
Palermo Supply
Park Supply
PCS Industries d/b/a HP Products Corp.
Pipe Products
Plumbing Décor
Plumb Source
Powell Pipe & Supply Company
Power Equipment Direct Inc.
P.V. Sullivan Supply Co., Inc.
R Supply Company
Ramapo Wholesalers
Record Supply Company
Redlon & Johnson
Reese Kitchen, Bath & Lighting Gallery
RenWes Sales
S.G. Supply Company
S.G. Supply Company dba SG Supply Co.,
a Ferguson Enterprise
Sierra Craft, Inc.
Signature Hardware
Ship-Pac, Inc. d/b/a HP Products Corp.
SOS Sales
Specialty Pipe & Tube, Inc.
Specialty Pipe & Tube of Texas, Inc.
Stock Loan Services LLC
Summer & Dunbar
Supply North Central Group
Tarpon Wholesale Supplies
T & A Valve Industries, Inc.
The Parnell-Martin Companies LLC
The Plumbers Warehouse
The Plumbing Source Inc.
The Stock Market
Tubeco Fabrication, Inc.
Underground Pipe & Valve Inc.
United Automatic
Water Works Supplies
Webb Distributors
Western Air Systems and Controls, Inc.
Westfield Lighting
WIA of California, Inc.
Wolseley Industrial Group
Wolseley Industrial Plastics
Wolseley Investments Acquisitions, Inc.
Wolseley Investments, Inc.
Wolseley NA Construction Services, LLC
Wolseley North America, Inc.
Wolseley North American Consulting, LLC
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WPCC Forwarding

P.O. Box 3300, Term."A"
London, Ont. Canada
N6A 4K3
(519) 681-2140
1-800-265-1815
Fax (519) 681-2156



MULTI FITTINGS
HIGHER STANDARDS™

4507 LeSaint Court
Fairfield, Ohio USA
45014
(513) 942-9910
1-800-523-3539
Fax (513) 942-9914

TRENCH TOUGH PLUS™

SDR 35 GASKETED SEWER FITTINGS

LETTER OF COMPLIANCE

Scope:

This letter of compliance covers the requirements for 4" through 42" (100 mm – 1050 mm) **PVC Trench Tough Plus SDR35 Gasketed Sewer Fittings**. These products meet or exceed performance standards set by the American Society of Testing and Materials (ASTM), CSA International (CSA) and the International Association of Plumbing and Mechanical Officials (IAPMO).

Trench Tough Plus SDR35 Gasketed Sewer Fittings are compatible with pipe manufactured to ASTM

D 3034, CSA B182.1 and CSA B182.2 and is suitable for the non-pressure drainage of sewage and surface water. They can also be used in applications involving subsurface drainage.

Material:

Rigid PVC Poly(Vinyl Chloride) used in the manufacturing of **Trench Tough Plus SDR35 Gasketed Sewer Fittings** complies with ASTM D 1784, *Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds*, having a cell classification 12454 or 13343.

Gasket materials used in the manufacturing of **Trench Tough Plus SDR35 Gasketed Sewer Fittings** complies with either of the following requirements:

ASTM F 477 "*Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe*" for low-head applications for rubber gaskets

ASTM F 913 "*Standard Specification for Thermoplastic Elastomeric Seals (Gaskets) for Joining Plastic Pipe*" for TPE gaskets

Molded Fittings:

Molded **Trench Tough Plus SDR35 Gasketed Sewer Fittings** conform to the following standards:

ASTM D 3034 "*Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings*"

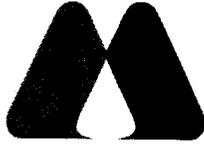
ASTM D 3212 "*Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals*"

ASTM F 1336 "*Standard Specification for Poly(Vinyl Chloride) (PVC) Gasketed Sewer Fittings*"

CSA B182.1 "*Plastic Drain and Sewer Pipe and Pipe Fittings*"

CSA B182.2 "*PVC Sewer Pipe and Fittings (PSM Type)*"

IAPMO "*Uniform Plumbing Code*"



MULTI FITTINGS

HIGHER STANDARDS™

Trench Tough Plus SDR35 Gasketed Sewer Fittings

Page 2/..

Fabricated Fittings:

Fabricated **Trench Tough Plus SDR35 Gasketed Sewer Fittings** are made from segments of pipe conforming to the following standards:

ASTM D3 034 "*Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings*"

ASTM D 3212 "*Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals*"

ASTM F 679 "*Standard Specification for Poly(Vinyl Chloride) (PVC) Large-Diameter Plastic Gravity Sewer Pipe and Fittings*"

ASTM F 1336 "*Standard Specification for Poly(Vinyl Chloride) (PVC) Gasketed Sewer Fittings*"

CSA B182.2 "*PVC Sewer Pipe and Fittings (PSM Type)*"

Note: Molded components meeting the requirements listed above may also be used as part of the fabricated fitting.

Markings:

Trench Tough Plus SDR35 Gasketed Sewer Fittings are marked as prescribed in the above applicable standards to indicate size of the fittings, material designation, compliance to standard, and manufacturer's name or trademark.

Color Coding:

Gaskets for **Trench Tough Plus SDR35 Gasketed Sewer Fittings** are black.

Yours truly,

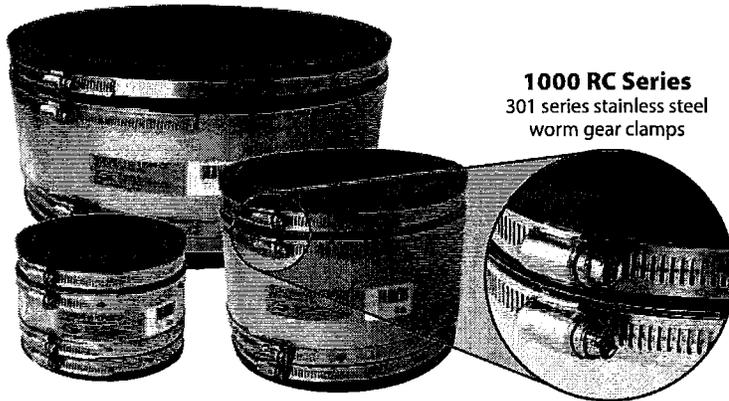
André Battistin, Eng.

Vice President, Manufacturing & Sourcing

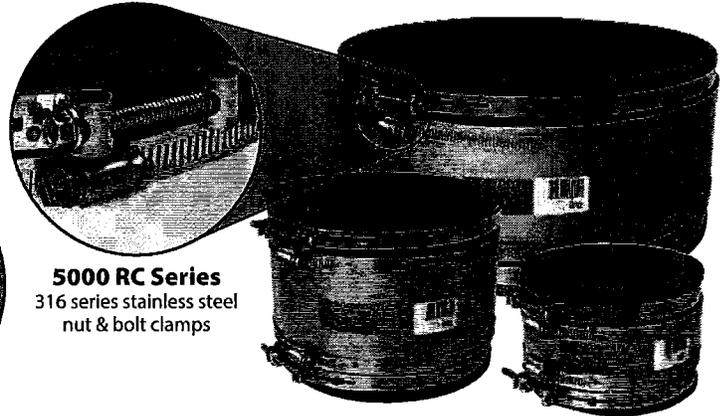
Issue Date: 2017-11-13

1000 RC Series & 5000 RC Series Couplings

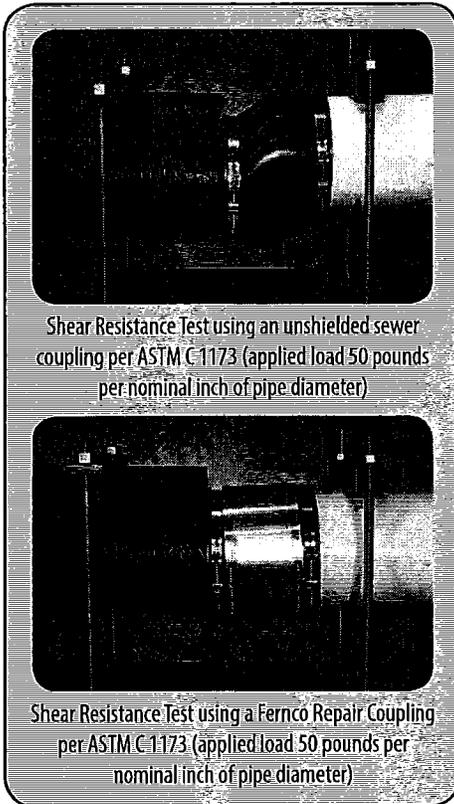
The Ultimate Repair Couplings - Engineered for resistance to heavy earth loads and shear forces, while providing improved pipe alignment.



1000 RC Series
301 series stainless steel
worm gear clamps



5000 RC Series
316 series stainless steel
nut & bolt clamps



Shear Resistance Test using an unshielded sewer coupling per ASTM C 1173 (applied load 50 pounds per nominal inch of pipe diameter)

Shear Resistance Test using a Fernco Repair Coupling per ASTM C 1173 (applied load 50 pounds per nominal inch of pipe diameter)

Meets requirements of:

- ASTM C 1173 - Standard Specification for Flexible Transition Couplings for Underground Piping Systems
- ASTM D 5926 - Standard Specification for Poly Vinyl Chloride (PVC) Gaskets for Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems
- CSA B602 - mechanical couplings for drain, waste, vent pipe and sewer pipe

TECHNICAL SPECS

Gasket

- Manufactured to meet the material requirements of:
 - CSA B602 - mechanical couplings for drain, waste, vent pipe and sewer pipe
 - ASTM D 5926 - Standard Specification for Poly Vinyl Chloride (PVC) Gaskets for Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems
 - ASTM C 1173 - Standard Specification for Flexible Transition Couplings for Underground Piping Systems
- Hardness, Shore "A", Inst. +5.....65
- Tensile Strength, Min. psi 1000
- Elongation at Rupture, Min. %.....250
- Tear Strength, Min..... 150 lb/in.
- Brittleness Temperature.....-40°F

Worm Gear Clamps - 1000 Series

- Clamp Housing- 301 Stainless Steel
- Clamp Band - 301 Stainless Steel
- Clamp Screw - 305 Stainless Steel
- Installation torque 60 in-lbs

Nut & Bolt Clamps - 5000 Series

- Clamp Band - 316 Stainless Steel
- 6" and larger couplings incorporate two nut and bolt take-up points per band
- Installation torque 60 in-lbs

Shear Ring

- .012" Thick, 300 Series Stainless Steel
- Width manufactured according to coupling width (1.50", 2.13", or 4")
- Length manufactured according to coupling diameter
- Clamps spot welded in place

Coupling

- Manufactured to conform to the performance requirements of:
 - ASTM C 1173 - standard specification for flexible transition couplings for underground piping systems

Ti SALES

36 Hudson Rd
Sudbury MA 01776

800-225-4616
www.tisales.com



United States
PH: 810-503-9000
FX: 810-503-1015

www.fernco.com

Canada
PH: 519-332-6711
FX: 519-332-8610

T5813

1001 & 5001 RC Series - Clay to Clay

1000 RC SERIES	5000 RC SERIES	A	in	mm	B	in	mm	C	in	mm
1001-44RC	5001-44RC	5.29	134	5.29	134	4.10	104			
1001-44WCRC	5001-44WCRC	5.51	140	5.51	140	3.97	101			
1001-64RC*	5001-64RC	7.50	191	5.50	140	6.02	153			
1001-66RC	5001-66RC	7.50	191	7.50	191	6.02	153			
1001-66WCRC	5001-66WCRC	8.00	203	8.00	203	6.00	152			
1001-88RC	5001-88RC	9.65	245	9.65	245	5.99	152			
1001-88WCRC	5001-88WCRC	10.00	254	10.00	254	6.00	152			
1001-1010RC	5001-1010RC	12.40	315	12.40	315	5.90	150			
1001-1010WCRC	5001-1010WCRC	12.40	315	12.40	315	5.90	150			
1001-1212RC	5001-1212RC	14.51	369	14.51	369	6.38	162			
1001-1212WCRC	N/A	15.25	387	15.25	387	6.42	163			
1001-1515RC	5001-1515RC	18.14	461	18.14	461	9.89	251			
1001-1818RC	5001-1818RC	21.90	556	21.90	556	9.63	245			
1001-2424RC	N/A	28.97	736	28.97	736	9.89	251			

1002 & 5002 RC Series - Clay to Cast Iron or Plastic

1000 RC SERIES	5000 RC SERIES	A	in	mm	B	in	mm	C	in	mm
1002-43RC*	5002-44RC	5.29	134	3.38	86	4.10	104			
1002-44RC	5002-44WCRC	5.36	136	4.51	115	4.07	103			
1002-44WCRC	N/A	5.44	138	4.55	116	3.96	101			
1002-46RC*	5002-46RC	5.13	130	6.60	168	5.74	146			
1002-55RC*	5002-55RC	6.60	168	5.50	140	5.74	146			
1002-64RC*	5002-64RC	7.50	191	4.50	114	6.02	153			
1002-64WCRC*	5002-64WCRC	8.00	203	4.50	116	6.00	152			
1002-64WCRC-SDR*	5002-66RC	8.00	203	4.38	111	6.00	152			
1002-66RC	5002-66WCRC	7.50	191	6.56	167	5.89	150			
1002-66WCRC	5002-86RC	8.04	204	6.38	162	5.91	150			
1002-88RC	5002-88RC	9.76	248	8.57	218	5.96	151			
1002-88WCRC	5002-88WCRC	10.00	254	8.66	220	6.00	152			
1002-1010RC*	5002-1010RC	12.40	315	10.75	273	5.90	150			
1002-1010WCRC*	5002-1010WCRC	12.40	315	10.75	273	5.90	150			
1002-1210RC*	N/A	14.51	369	10.60	269	6.00	152			
1002-1212RC*	5002-1212RC	14.51	369	12.60	320	6.38	162			
1002-1212WCRC*	N/A	15.25	387	12.60	320	6.42	163			
1002-1215RC*	N/A	14.38	365	15.25	387	6.42	163			
1002-1515RC*	5002-1515RC	18.14	461	15.40	391	9.89	251			
1002-1818RC*	5002-1818RC	21.90	556	19.00	483	9.63	245			
1002-2121RC*	N/A	25.46	647	22.30	566	9.89	251			
1002-2424RC*	N/A	28.97	736	25.00	635	9.89	251			

1003 & 5003 RC Series - Clay to AC or Ductile Iron

1000 RC SERIES	5000 RC SERIES	A	in	mm	B	in	mm	C	in	mm
1003-44RC	5003-44RC	5.41	137	4.94	125	4.07	103			
1003-66RC	5003-66RC	7.25	184	6.84	174	5.93	151			
1003-66WCRC*	N/A	8.00	203	6.80	173	6.00	152			
1003-68RC*	N/A	7.20	183	9.05	230	5.98	152			
1003-8-10RC*	N/A	9.65	245	11.22	285	5.97	152			
1003-88RC	5003-88RC	9.75	248	9.06	230	5.94	151			
1003-1010RC*	N/A	12.40	315	11.12	282	5.90	150			
1003-1212RC*	5003-1212RC	14.51	369	13.20	335	6.38	162			
N/A	5003-1516RC	18.10	460	18.10	460	9.89	251			
1003-1818RC*	N/A	21.90	556	19.50	495	9.63	245			

1004 & 5004 RC Series - Concrete to Concrete

1000 RC SERIES	5000 RC SERIES	A	in	mm	B	in	mm	C	in	mm
1004-44RC	5004-44RC	5.51	140	5.51	140	3.97	101			
1004-66RC	5004-66RC	7.58	193	7.58	193	5.94	151			
1004-88RC	5004-88RC	10.38	264	10.38	264	5.90	150			

1004-1010RC	5004-1010RC	12.40	315	12.40	315	5.90	150			
1004-1212RC	5004-1212RC	15.25	387	15.25	387	6.42	163			
N/A	5004-1212LCRC	15.25	387	15.25	387	6.42	163			
1004-1515RC	N/A	19.74	501	19.74	501	9.89	251			

1006 & 5006 RC Series - Concrete to Cast Iron or Plastic

1000 RC SERIES	5000 RC SERIES	A	in	mm	B	in	mm	C	in	mm
1006-44RC*	5006-44RC	5.64	143	4.51	115	3.97	101			
1006-64RC*	N/A	7.58	193	4.38	111	5.94	151			
1006-66RC*	5006-66RC	7.63	194	6.63	168	5.94	151			
1006-86RC*	N/A	10.38	264	6.38	162	5.90	150			
1006-88RC*	5006-88RC	10.49	266	8.63	219	5.90	150			
1006-1010RC*	5006-1010RC	12.40	315	10.75	273	5.90	150			
1006-1212RC*	5006-1212RC	15.25	387	12.60	320	6.42	163			
1006-1515RC*	N/A	19.74	501	15.40	391	9.89	251			

1051 & 5051 RC Series - AC or Ductile Iron to Cast Iron or Plastic

1000 RC SERIES	5000 RC SERIES	A	in	mm	B	in	mm	C	in	mm
1051-44RC	5051-44RC	4.80	122	4.39	112	3.94	100			
1051-45RC*	N/A	5.00	127	5.52	140	3.97	101			
1051-46RC*	5051-46RC	4.75	121	6.60	168	5.74	146			
1051-55RC*	N/A	5.90	150	5.50	140	5.92	150			
1051-64RC*	5051-64RC	6.95	177	4.38	111	5.92	150			
1051-65RC*	N/A	6.95	177	5.50	140	5.92	150			
1051-66RC	5051-66RC	6.69	177	6.69	170	5.91	150			
1051-8-10RC*	N/A	9.05	230	10.63	270	5.89	150			
1051-88RC	5051-88RC	9.25	235	8.51	216	5.97	152			
1051-10-8RC*	N/A	11.02	280	8.38	213	5.97	152			
N/A	5051-1010RC	11.02	280	10.52	267	5.85	148			
1051-1212RC*	5051-1212RC	13.37	340	12.60	320	5.97	152			
N/A	5051-1615RC	18.14	461	15.40	391	9.89	251			
1051-1818RC	N/A	19.74	501	19.74	501	9.89	251			

1055 & 5055 RC Series - AC or Ductile Iron to AC or Ductile Iron

1000 RC SERIES	5000 RC SERIES	A	in	mm	B	in	mm	C	in	mm
1055-44RC	5055-44RC	4.75	121	4.75	121	3.96	101			
1055-66RC	5055-66RC	6.65	169	6.65	169	5.92	150			
1055-88RC	5055-88RC	9.05	230	9.05	230	5.98	152			
1055-1212RC	5055-1212RC	13.37	340	13.37	340	5.97	152			

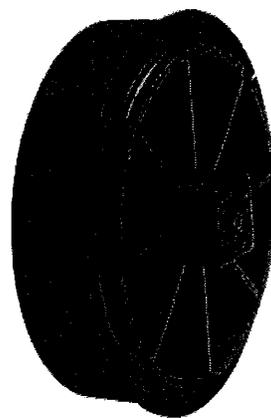
1056 RC Series - Cast Iron, Plastic, Copper, Steel or Lead

1000 RC SERIES	5000 RC SERIES	A	in	mm	B	in	mm	C	in	mm
1056-150RC	N/A	1.94	49	1.94	49	3.43	87			
1056-22RC	N/A	2.41	61	2.41	61	3.45	88			
1056-32RC*	N/A	3.52	89	2.38	60	3.96	101			
1056-33RC	N/A	3.46	88	3.46	88	3.98	101			
1056-43RC*	5056-43RC	4.58	116	3.38	86	4.02	102			
1056-44RC	5056-44RC	4.58	116	4.58	116	4.02	102			
1056-54RC*	5056-54RC	5.52	140	4.38	111	3.97	101			
1056-55RC	5056-55RC	5.52	140	5.52	140	3.97	101			
1056-64RC*	5056-64RC	6.60	168	4.50	114	5.74	146			
1056-65RC*	N/A	6.60	168	5.62	143	5.74	146			
1056-66RC	5056-66RC	6.60	168	6.60	168	5.74	146			
1056-86RC*	N/A	8.64	219	6.63	162	6.04	153			
1056-88RC	5056-88RC	8.64	219	8.64	219	6.04	153			
1056-1010RC	5056-1010RC	10.63	270	10.63	270	5.89	150			
1056-1212RC	5056-1212RC	12.52	318	12.52	318	6.32	161			
1056-1515RC	5056-1515RC	15.92	404	15.92	404	9.89	251			
1056-1818RC	5056-1818RC	19.10	485	19.10	485	9.89	251			
N/A	5056-2424RC	25.10	638	25.10	638	9.89	251			

PRICING

T-CONE® Mechanical Stoppers

Tests Clay, Cast Iron, Extra Heavy Cast Iron, Service Weight Cast Iron Hub, Schedule 40 Plastic, SDR 35 Plastic, Steel or Copper pipe in DWV and sanitary sewer systems. Non-pressure, gravity flow applications only. Above ground installations.



Hydrostatic Testing
Various Pipes

T-CONE® Mechanical Stoppers

Part	MR Part	Description	Case Qty.	Case Weight (lbs.)	Price
1101017	ST-152	1½" SCH 40 PL/ST	50	4.00	\$2.65
1102023	ST-201	2" CI/SCH 80 PL or 1½" SCH 40 PL HUB	50	6.00	\$2.90
1102025	ST-202	2" SCH 40 PL/ST/K	50	6.00	\$2.90
1103035	ST-302	3" SCH 40 PL/ST/K or 2" SVCI HUB	50	12.00	\$3.65
1104045	ST-401	4" CL/K	50	24.00	\$5.95
1104043	ST-402	4" CI/SCH 40 PL/ST/SDR 35 PL/K/CL	50	22.00	\$5.95
1106065	ST-601	6" CI/ SDR 35 Plastic/CL/K	36	35.00	\$15.30
1106067	ST-602	6" SCH 40 PL/XHCI	36	38.00	\$15.30
1108083	ST-802	8" SDR 35 PL/SCH 40 PL/CL	20	45.00	\$24.60



Mission Rubber Company | 1660 Leeson Lane | Corona, CA 92879 USA
toll free 800.854.9991 fax 800.637.4601

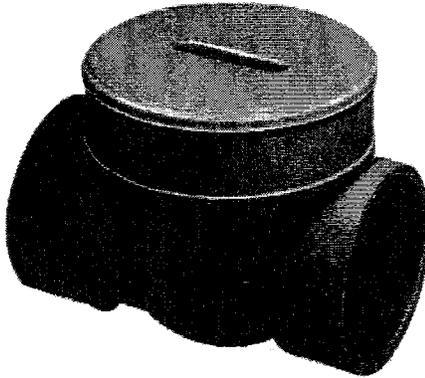
missionrubber.com

11/16/2017





BACKWATER VALVES



Standard Valve

- All PVC Construction with EPDM Flapper Seal
- Threaded Top Plug for Convenient Service
- Simple Snap-In Internal Flapper Assembly for Easy Replacement
- Optional Factory Assembled Service-Access Extension Kits - External Housing with Internal Extension for Convenient Removal, Inspection or Replacement
- Optional Extension Components Kits for Assembly with User-Supplied Pipe
- Available in Sizes 2", 3", 4" and 6" with Socket Ends
- Direct Connection to ASTM D 2665 PVC DWV or other IPS size pipe. Spears® IPS x Sewer Adapters Available for Connection to ASTM 3034 Sewer
- Conforms to ASME/ANSI A112.14.1 for Backwater Valves
- Pressure Rated to 43 psi (100 feet of head) @ 73°F

Sample Engineering Specification

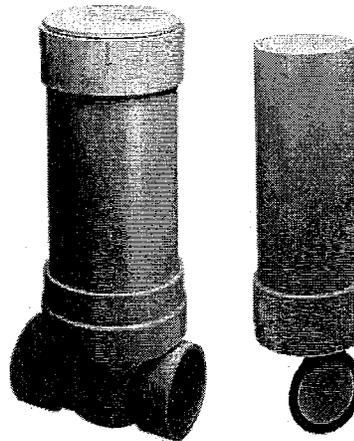
All thermoplastic valves shall be Backwater type constructed from PVC Type I, ASTM D 1784 Cell Classification 12454. All Valve Seats shall be EPDM. All valves shall have external Arrow Flow Indicator. All valves shall be pressure rated to 43 psi (100 feet of Head) for water @ 73°F as manufactured by Spears® Manufacturing Company.

Quick-View Backwater Valve Selection Chart Standard Valve

Valve Size	Seat Material	PVC Material	Pressure Rating
		Socket	
2	EPDM	S275P	43 psi (100 feet of Head)
3	EPDM	S375P	
4	EPDM	S475P	
6	EPDM	S675P	

Features - PVC White

Backwater Valves are designed to prevent backflow in numerous applications where easy service access for maintenance and cleaning is needed. Excellent for use in sanitary or storm sewer drainage systems to prevent waste back up due to inadequate drainage, for balancing multi-level ponds, aquaculture features or storage tank systems, and many other applications. Spears® Backwater Valve has been engineered for improved function and easier service, especially in buried service with use of optional Service-Access Extension Kit.



Valve with Extension Kit

PVC Service-Access Extension Kit Options:

Available as a complete unit, with or without valve, factory assembled to internal flap assembly, extension pipe, and external extension housing with top access adapter in convenient increments of 12", 16", 20", 24", 36", and 48" (measured from top of valve to top of extension). All extension kits can be cut shorter in the field for custom fits. Also available as Extension Components Kits, with or without valve for assembly with user-supplied Class 125 or Schedule 40 pipe. Kits without valve require use of existing valve top Access Plug, all kits require solvent cement assembly to valve. Contact Spears® for pricing on custom cut lengths.

Quick View

Extension Components Kit Options

Extension Adapters and Flap Assembly with or without valve. Must be assembled with user-supplied Class 125 or Schedule 40 Pipe.

Valve Size	Socket Valve With Extension Component Kit	Extension Component Kit Only	Pressure Rating
2	S275P-AK	S275P-ECK	43 psi (100 feet of head)
3	S375P-AK	S375P-ECK	
4	S475P-AK	S475P-ECK	
6	S675P-AK	S675P-ECK	

BACKWATER VALVES



Quick View Backwater Valves with Extension Kit to Premade Lengths

Socket Valve with complete Extension Assembly in precut lengths.

Valve x Extension Size ¹	Socket Valve With Extension	Valve x Extension Size ¹	Socket Valve With Extension	Pressure Rating
2 x 12HT	S275P-120	4 x 12HT	S475P-120	43 psi (100 feet of head)
2 x 16HT	S273P-160	4 x 16HT	S473P-160	
2 x 20HT	S275P-200	4 x 20HT	S475P-200	
2 x 24HT	S275P-240	4 x 24HT	S475P-240	
2 x 36HT	S275P-360	4 x 36HT	S475P-360	
2 x 48HT	S275P-480	4 x 48HT	S475P-480	
3 x 12HT	S375P-120	6 x 12HT	S675P-120	
3 x 16HT	S373P-160	6 x 16HT	S673P-160	
3 x 20HT	S375P-200	6 x 20HT	S675P-200	
3 x 24HT	S375P-240	6 x 24HT	S675P-240	
3 x 36HT	S375P-360	6 x 36HT	S675P-360	
3 x 48HT	S375P-480	6 x 48HT	S675P-480	

¹ - Size designates nominal valve size x extension height (HT-top of valve to top of extension, inches).

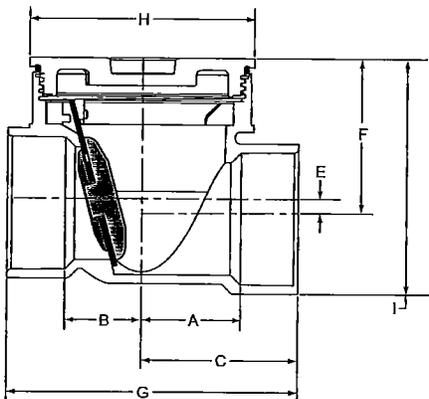
Quick View Service Access Extension Kit Only In Premade Lengths (valve not included)

Extension Assembly in precut lengths. Use exiting valve top Access Plug.

Size ¹	Premade Extension	Size ¹	Premade Extension	Pressure Rating
2 x 12HT	SAEK-020-120	4 x 12HT	SAEK-040-120	43 psi (100 feet of head)
2 x 16HT	SAEK-020-160	4 x 16HT	SAEK-040-160	
2 x 20HT	SAEK-020-200	4 x 20HT	SAEK-040-200	
2 x 24HT	SAEK-020-240	4 x 24HT	SAEK-040-240	
2 x 36HT	SAEK-020-360	4 x 36HT	SAEK-040-360	
2 x 48HT	SAEK-020-480	4 x 48HT	SAEK-040-480	
3 x 12HT	SAEK-030-120	6 x 12HT	SAEK-060-120	
3 x 16HT	SAEK-030-160	6 x 16HT	SAEK-060-160	
3 x 20HT	SAEK-030-200	6 x 20HT	SAEK-060-200	
3 x 24HT	SAEK-030-240	6 x 24HT	SAEK-060-240	
3 x 36HT	SAEK-030-360	6 x 36HT	SAEK-060-360	
3 x 48HT	SAEK-030-480	6 x 48HT	SAEK-060-480	

¹ - Size designates nominal valve size x extension height (HT-top of valve to top of extension, inches). All extension kits can be cut shorter in the field for custom fits.

STANDARD VALVE



Standard Valve Dimensions (Inches)

Size	A	B	C	E	F	G	H	I
2	1-13/16	1-3/4	2-5/8	5/16	3-1/4	5-9/32	4-3/16	4-9/16
3	2-5/8	2	4-3/16	13/32	4-1/8	7-3/4	6	6-1/8
4	3-5/8	3-3/4	5-7/16	23/32	5-7/16	10-15/16	8-1/4	7-15/16
6	4-3/4	4-5/8	7-3/4	13/16	7-3/16	15-3/8	11-1/4	10-13/16

VALVE WITH EXTENSION KIT

Valve with Extension Kit Dimensions (Inches)

HEIGHT-D	Valve Size			
	2	3	4	6
	L	L	L	L
12	10-3/4	10-7/8	10-1/4	10-1/4
16	14-3/4	14-7/8	14-1/4	14-1/4
20	18-3/4	18-7/8	18-1/4	18-1/4
24	22-3/4	22-7/8	22-1/4	22-1/4
36	34-3/4	34-7/8	34-1/4	34-1/4
48	46-3/4	46-7/8	46-1/4	46-1/4

D = Top of plug Standard Valve to top of plug with Extension

Note: Riser Pipe & Sleeve Pipe are the same length.

