



Bid Number 50 - 129919

ONE YEAR CONTRACT FOR SUPPLY OF CLAMPS, SADDLES & TAPPING SLEEVES FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS – WATER & ALL JEFFERSON PARISH AGENCIES & MUNICIPALITIES.

MARCH 12, 2020 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 Reamey
Dreamey@Jeffparish.net
504-364-2684**

DATE: 2/26/2020
BID NO.: 50-00129919

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: DREAMEY@jeffparish.net

Cimco Inc

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, 3/12/2020 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.

Jefferson Parish adheres to the Louisiana Code of Governmental Ethics, contained in Louisiana Revised Statutes Annotated, R.S. 42:1101, et seq. Vendor/Proposer by this submission, warrants that there are no "conflicts of interest" related to this procurement that would violate applicable Louisiana Law. Violation of the Louisiana Code of Governmental Ethics may result in rescission of contract, permit or licenses, and the imposition of fines and/or penalties, without contractual liability to the public in accordance with applicable law.

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. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

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.

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

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CIMSCO INC

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.

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 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.)

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.

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INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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CIMSCO INC

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.

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.

CIMSCO INC**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 state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. **NON-PUBLIC WORKS BIDS:** A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. **NON-PUBLIC WORKS BIDS:** A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. 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-Collusion 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 JPCO 2-155.10(19). By signing this document, every corporation, partnership, or person contracting with PARISH, whether by cooperative endeavor, intergovernmental agreement, bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program, attests that it understands and will abide by all provisions of JPCO 2-155.10.

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BID FORM
Non Public Works

CIMSCO INC

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 X

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 3-12-2021

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 to 3 weeks

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

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: CIMSCO INC
ADDRESS: 1840 LEA ROAD
CITY, STATE: Metairie LA, ZIP: 70001
TELEPHONE: (504) 835-7319 FAX: (504) 832-0820
EMAIL ADDRESS: Tim@cimSCOINC.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: Addendum #1 Timothy Randall
NUMBER: _____
NUMBER: _____
NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 178,794.90

AUTHORIZED
SIGNATURE: Timothy Randall
TITLE: Sales

Timothy RANDALL
Printed Name

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.

DATE: 3/04/2020

CIMSco INC
BID NO.: 50-00129919

INVITATION TO BID FROM JEFFERSON PARISH - continued

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SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	13.00	EA	ONE YEAR CONTRACT FOR SUPPLY OF CLAMPS, SADDLES & TAPPING SLEEVES FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS - WATER & ALL JEFFERSON PARISH AGENCIES & MUNICIPALITIES. 0010 SADDLE, FLEXIBLE TAPPING, FOR 8 INCH SEWER PIPE WITH 6 INCH WYE OUTLET STAINLESS STEEL STRAPS STOCK NO. 00-132550	63.00	819.00
2	35.00	EA	0020 SADDLE, BRONZE, 2 INCH X INCH CC TAP, O.D. 2.13 FOR CTS, NO LEAD BRASS GASKET IS SBR TWINSEAL DUAL O-RING STOCK NO. 00-0160360	36.00	1260.00
3	15.00	EA	0030 SADDLE, BRONZE, 2 INCH X 1 INCH CC TAP, O.D. 2.13 FOR CTS. NO LEAD BRASS, GASKET IS SBR TWINSEAL DUAL O-RING STOCK NO 00-0160370	36.00	540.00
4	20.00	EA	0040 SADDLE, DOUBLE STRAP, 4 INCH X 3/4 INCH CC TAP, 8 INCH WIDTH, 2 INCH WIDE STRAPS, ALL STAINLESS STEEL O.D. RANGE 04.36 - 05.6 STOCK NO. 00-0160400	51.00	1020.00
5	6.00	EA	0050 SADDLE, DOUBLE STRAP, 4 INCH X 1 INCH CC TAP, 8 INCH WIDTH, 2 INCH STRAPS STOCK NO. 00-0160500	51.00	306.00
6	5.00	EA	0060 SADDLE, DOUBLE STRAP CLAMP, 4 IN X 2 IN CC TAP, O.D. RANGE 04.40 - 05.70, (S, CI & T) STOCK NO. 00-0160550	73.00	365.00
7	54.00	EA	0070 SADDLE, DOUBLE STRAP, 6 INCH X 3/4 INCH CC TAP, O.D. RANGE 06.45 TO 07.75, ALL STAINLESS STEEL STOCK NO. 00-0160850	67.00	3618.00
8	73.00	EA	0080 SADDLE, DOUBLE STRAP, 6 INCH X 1 INCH CC TAP, 8 INCH WIDTH, 2 INCH STRAPS	64.50	4708.50
REVISED AS PER ADDENDUM # 1					

INVITATION TO BID FROM JEFFERSON PARISH - continued

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
9	24.00	EA	ALL STAINLESS, O.D. 06.43 - 07.73 STOCK NO. 00-0160900 0090 SADDLE, DOUBLE STRAP, 6 INCH X 2 INCH CC TAP, O.D. RANGE 06.45 TO 07.75	68.00	1632.00
10	295.00	EA	ALL STAINLESS STEEL STOCK NO. 00-0161150 0100 SADDLE, DOUBLE STRAP, 8 INCH X 3/4 INCH CC TAP, 8 INCH WIDTH, 2 INCH STRAPS	71.00	20945.00
11	132.00	EA	ALL STAINLESS, O.D. RANGE 08.52 - 09.82 STOCK NO. 161200 0110 SADDLE, DOUBLE STRAP, 8 INCH X 1 INCH CC TAP, 8 INCH WIDTH, 2 INCH STRAPS	68.75	9075.00
12	30.00	EA	ALL STAINLESS, O.D. RANGE 08.52 - 09.82 STOCK NO. 00-161400 0120 SADDLE, DOUBLE STRAP, 8 INCH X 2 INCH CC TAP, 8 IN WIDTH, 2 INCH WIDE	73.00	2190.00
13	2.00	EA	STRAPS, ALL STAINLESS STEEL O.D. RANGE 08.52 - 09.82 STOCK NO. 00-0161450 0130 SADDLE, DOUBLE STRAP, 10 INCH X 3/4 INCH CC TAP, O.D. RANGE 10.70 - 12.00	55.00	110.00
14	7.00	EA	ALL STAINLESS STEEL STOCK NO. 00-0161800 0140 SADDLE, DOUBLE STRAP CLAMP, 10 INCH X 1 INCH, O.D. RANGE 10.70 - 12.00 INCH	55.00	385.00
15	40.00	EA	CI & T STOCK NO. 00-0161900 0150 SADDLE, DOUBLE STRAP, 12 INCH X 3/4 INCH CC TAP, 8 INCH WIDTH, 2 INCH STRAPS	79.00	3160.00
16	1.00	EA	STAINLESS, GRADE 30 GASKET, O.D. RANGE 13.14 - 14.44 STOCK NO. 00-0162100 0160 SADDLE, DOUBLE STRAP, 12 INCH X 1 INCH CC TAP, 8 INCH WIDTH, 2 INCH WIDE	122.00	122.00
17	21.00	EA	STRAPS, ALL STAINLESS STEEL, O.D. RANGE 12.00 - 13.30 STOCK NO. 00-0162400 0170 SADDLE, DOUBLE STRAP, 12 INCH X 1 INCH CC TAP, 8 INCH WIDTH, 2 INCH WIDE	75.00	1575.00
REVISED AS PER ADDENDUM # 1					

INVITATION TO BID FROM JEFFERSON PARISH - continued

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
18	3.00	EA	STRAPS, ALL STAINLESS STEEL, O.D. RANGE 13.14 - 14.44 STOCK NO. 00-0162450 0180 SADDLE, DOUBLE STRAP, 12 INCH X 2 INCH CC TAP, 8 INCH WIDTH, 2 INCH WIDE	77. ⁰⁰ / ₁₀₀	231. ⁰⁰ / ₁₀₀
19	3.00	EA	STRAPS, ALL STAINLESS STEEL, O.D. RANGE 12.30 - 13.60 STOCK NO. 00-0162500 0190 SADDLE, DOUBLE STRAP (DSC), 12 INCH X 2 INCH CC TAP, 8 INCH WIDTH, 2 INCH	89. ⁰⁰ / ₁₀₀	267. ⁰⁰ / ₁₀₀
20	14.00	EA	WIDE STRAPS, ALL STAINLESS STEEL, O.D. RANGE 13.30 - 14.60 STOCK NO. 00-0162650 0200 SADDLE, DOUBLE STRAP, 12 INCH X 2 INCH CC TAP, 8 INCH WIDTH, 2 INCH WIDE	89. ⁰⁰ / ₁₀₀	1246. ⁰⁰ / ₁₀₀
21	1.00	EA	STRAPS, ALL STAINLESS STEEL, O.D. RANGE 13.14 - 14.44 STOCK NO. 00-0162660 0210 SADDLE, DOUBLE STRAP CLAMP, 14 INCH X 1 INCH CC, O.D. RANGE 15.40 INCH -	92. ⁰⁰ / ₁₀₀	92. ⁰⁰ / ₁₀₀
22	4.00	EA	16.70 INCH STOCK NO 00-0162730 0220 SADDLE, DOUBLE STRAP, 16 INCH X 3/4 INCH CC TAP, O.D. RANGE 17.20 - 18.50	99. ⁰⁰ / ₁₀₀	396. ⁰⁰ / ₁₀₀
23	3.00	EA	ALL STAINLESS STEEL STOCK NO. 00-0162800 0230 SADDLE, DOUBLE STRAP CLAMP, 16 INCH X 1 INCH CC TAP, O.D. RANGE 17.20 - 18.	99. ⁰⁰ / ₁₀₀	297. ⁰⁰ / ₁₀₀
24	1.00	EA	50 CAST IRON & TRANSITE STOCK NO 00-0162900 0240 SADDLE, DOUBLE STRAP, 20 INCH X 1 INCH CC TAP, O.D. RANGE 22.95 - 24.35,	125. ²⁰ / ₁₀₀	125. ²⁰ / ₁₀₀
25	1.00	EA	ALL STAINLESS STEEL STOCK NO. 00-0163040 0250 SADDLE, DOUBLE STRAP, 36 INCH X 3/4 INCH NPT OUTLET, 8 INCH WIDTH, O.D. RANGE 37.90 - 39.10, ALL STAINLESS STEEL	175. ²⁰ / ₁₀₀	175. ²⁰ / ₁₀₀

REVISED AS PER ADDENDUM # 1

DATE: 3/04/2020

CIMSco INC

BID NO.: 50-00129919

INVITATION TO BID FROM JEFFERSON PARISH - continued

Page 9

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
26	19.00	EA	TYPE T-304 STOCK NO. 00-0170240 0260 CLAMP, 2 INCH X 3/4 INCH CC TAP X 8 INCH LONG, ALL STAINLESS, 2.35 - 2.63 RANGE, FULL GASKET STOCK NO. 00-0160200	46.00	874.00
27	21.00	EA	0270 CLAMP, SINGLE BAND, 2 INCH X 3/4 INCH CC X 8 INCH WIDE, ALL STAINLESS FULL FACED GASKET, O.D. RANGE 2.10 - 2.30 STOCK NO. 00-0160250	68.00	1428.00
28	10.00	EA	0280 CLAMP, 2 INCH X 1 INCH CC TAP X 8 INCH LONG, ALL STAINLESS STEEL, 1.99 - 2.15 RANGE, FULL GASKET STOCK NO. 00-0160300	59.00	590.00
29	26.00	EA	0290 CLAMP, SINGLE STRAP CLAMP, 2 INCH X 3/4 INCH CC TAP X 8 INCH LONG STAINLESS STEEL, O.D RANGE 02.35 - 02.50 STOCK NO. 00-016030A	65.00	1690.00
30	5.00	EA	0300 CLAMP, 2 INCH X 1 CC TAP X 8 INCH LONG, ALL STAINLESS, 2.32 - 2.63 RANGE FULL GASKET, CASCADE #CRT1-2.38-8-1CC STOCK NO. 00-0160350	75.00	375.00
31	1.00	EA	0310 CLAMP, BELL JOINT, FOR 36 INCH CAST IRON PIPE, STAINLESS STEEL BOLTS AND NUTS STOCK NO. 00-016390	1700.00	1700.00
32	7.00	EA	0320 CLAMP, FULL CIRCLE, 6 INCH, SINGLE BAND, 12 IN WIDTH, O.D. RANGE 06.85 - 07.25 INCH, CI & T STOCK NO. 00-0165110	73.00	511.00
33	10.00	EA	0330 CLAMP FULL CIRCLE STAINLESS STEEL 6 X 15 O.D. RANGE 5.85 - 6.35 SEW STOCK NO. 00-0165120	96.00	960.00
34	4.00	EA	0340 CLAMP, 6 INCH X 16 INCH WIDE, O.D. RANGE 06.55 - 06.95, ALL STAINLESS STEEL	96.00	384.00
REVISED AS PER ADDENDUM # 1					

INVITATION TO BID FROM JEFFERSON PARISH - continued

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
35	4.00	EA	FULL CIRCLE STOCK NO. 00-0165140 0350 CLAMP, SINGLE BAND, 6 INCH (FCC) 12 INCH WIDTH O.D. RANGE 06.45 - 06.85	102 ⁰⁰	408 ⁰⁰
36	2.00	EA	INS STOCK NO. 00-0165160 0360 CLAMP, SINGLE BAND, 6 INCH (FCC), 12 INCH WIDTH, O.D. RANGE 07.25 - 07.65	102 ⁰⁰	204 ⁰⁰
37	4.00	EA	T STOCK NO. 00-0165170 0370 CLAMP, FULL CIRCLE (FCC), SINGLE BAND, ALL STAINLESS STEEL, 6 INCH X 15	118 ⁰⁰	472 ⁰⁰
38	14.00	EA	INCH WIDTH, O.D. RANGE 07.25 - 07.65 T STOCK NO. 00-0165180 0380 CLAMP, 6 INCH X 15 INCH LONG, ALL STAINLESS, 7.25 - 7.65 O.D. RANGE, SINGLE	106 ⁰⁰	1484 ⁰⁰
39	26.00	EA	BAND, FULL GASKET STOCK NO. 00-0165190 0390 CLAMP, PIPE REPAIR, 8 INCH X 15 INCH LONG, SINGLE BAND, ALL STAINLESS	104 ⁰⁰	2704 ⁰⁰
40	17.00	EA	O.D. RANGE 08.99 - 09.39, BUNA FULL FACED GASKET STOCK NO. 00-0165500 0400 CLAMP, PIPE REPAIR, 8 INCH X 16 INCH LONG, SINGLE BAND, ALL STAINLESS	134 ⁰⁰	2278 ⁰⁰
41	4.00	EA	STEEL, O.D. RANGE 09.40 - 09.80, FULL FACED GASKET STOCK NO. 00-0165900 0410 CLAMP, FULL CIRCLE, SINGLE BAND 10 INCH X 16 INCH LONG, O.D. RANGE 10.95 -	123 ⁰⁰	492 ⁰⁰
42	3.00	EA	11.35, STAINLESS STEEL STOCK NO. 00-0166010 0420 CLAMP, SINGLE BAND, 10 INCH (FCC) 15 INCH WIDTH, O.D. RANGE 11.75 - 12.15T	137 ⁰⁰	411 ⁰⁰
43	2.00	EA	STOCK NO. 00-0166100 0430 CLAMP, DOUBLE BAND, 20 INCH X 24 INCH, O.D. RANGE 23.14 - 24.34 STAINLESS	531 ⁰⁰	1062 ⁰⁰
REVISED AS PER ADDENDUM # 1					

DATE: 3/04/2020

CUMSCO INC

BID NO.: 50-00129919

INVITATION TO BID FROM JEFFERSON PARISH - continued

Page 11

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
44	46.00	EA	STEEL STOCK NO. 00-0167810 0440 CLAMP, PIPE REPAIR, 6 INCH X 1 INCH CC TAP X 15 INCH LONG, ALL STAINLESS	108 ⁰⁰	4968 ⁰⁰
45	5.00	EA	06.84 - 07.24 RANGE, SINGLE BAND FULL GASKET STOCK NO. 00-0170100 0450 CLAMP, PIPE REPAIR, 8 INCH X 3/4 INCH CC TAP X 15 INCH LONG, ALL	121 ⁰⁰	605 ⁰⁰
46	5.00	EA	STAINLESS, 08.99 - 09.39 O.D. RANGE, SINGLE BAND, FULL GASKET STOCK NO. 00-0170120 0460 CLAMP, SINGLE BAND, 6 INCH X 3/4 INCH CC TAP X 16 INCH LONG, ALL STAINLESS, 07.25 - 07.65 O.D. RANGE FULL GASKET STOCK NO. 00-0170400	107 ⁰⁰	535 ⁰⁰
REVISED AS PER ADDENDUM # 1					

CLAMPS, SADDLES, AND TAPPING SLEEVES

Contract Terms:

This is a One Year Contract for Supply of Clamps, saddles, and Tapping Sleeves for the Department of Water and Sewer, and All Jefferson Parish Agencies and Municipalities.

Items included in this contract:

1. Full circle clamp (single band clamp)
2. Full circle clamp (double band clamp)
3. Full circle clamp (single band clamp with tap)
4. Full circle clamp (double band clamp with tap)
5. Double strap service saddle clamp with tap

Warranty:

Products Shall Be warranted that they are manufactured in Accordance With the applicable Material Specification 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 clamps, saddles, and tapping sleeves 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.

ALL PERTINENT TECHNICAL SPECIFICATIONS AND LITERATURE MUST BE INCLUDED WITH THE BID.

FAILURE TO COMPLY WILL CAUSE THE BID TO BE REJECTED.

SPECIFICATIONS BID #50-129919

Bid price shall include all freight and delivery costs to Jefferson Parish Warehouse Locations on the East and West Banks of Jefferson Parish.

The successful bidder shall not substitute any items on this bid Throughout the one (1) year period without the written consent of The Jefferson Parish Engineering Dept.

Technical Specifications:

1. Full Circle Clamp (Single Band Clamp):

The clamp is to have an antioxidant/antiozanant agent to Exceed shelf life, to meet or exceed ASTM D2000 AA415 Standards. The clamp is to be fully passivated and is to have a Working pressure of 150 PSI.

Clamps shall be available for nominal pipe sizes of 2 inch to 12 Inch and the widths shall range from 6 inches to 20 inches.

Outside diameter (O.D.) ranges are to be met or exceeded; Otherwise, no substitution will be accepted.

Shell/Band:

Shell/Band shall be made of 18-8 24 GA stainless steel for ½ through 2 inch, 22 GA for 2-1/2 inch through 4 inch, 20 GA for 6 inch, 18 GA for 8 inch through 20 inch, and 16 GA for 24 Inch and above. Bridge plate is to be glued, recessed and flush formed into the gasket during molding.

Lugs

Lugs shall be 18-8, 8 GA stainless steel.

Bar:

Bar shall be 18-8, 10 GA stainless steel.

Plate

Plate shall be 18-8, 12 GA stainless steel.

Stud/Bolts/Nuts:

Studs, bolts, and nuts shall be 18-8 stainless steel of at least 5/8 inch – 11 xylan or Teflon coated, baked teflon

Coated cor-ten nut.

Washer:

Washer shall be 1/16 inch by 1-1/4 inch nylon.

Gasket:

Gaskets are recommended for use on potable water lines, Lap type fine griddle virgin SBR rubber material with tapered ends for use in salty and acidic soils with temperature ranges of -40 degrees to 150 degrees fahrenheit.

Markings:

Each clamp is to have the manufacturer's name , part number with full O.D. range, and date of manufacture.

II. FULL Circle Clamp (Double Band Clamp):

The clamp is to have an antioxidant/antiozanant agent to Exceed shelf life, to meet or exceed ASTM D2000 AA415 standards. The clamp is to be fully passivated and is to have a working pressure of 150 PSI.

Clamps shall be available for nominal pipe sizes of 12 inch to 26 Inch and the widths shall range from 20 inches to 24 inches.

Outside diameter (O.D.) ranges are to be met or exceeded;

Otherwise, no substitution will be accepted.

SHELL/BAND

SHELL/BAND SHALL BE MADE OF 18-8 24 GA stainless steel for 1/2" through 2 inch, 22 GA for 2-1/2 inch through 4 inch, 20 GA for 6 inch, 18 GA for 8 inch through 20 inch, and 16 GA for 24 inch and above. Bridge plate is to be glued, recessed and flush formed into the gasket during molding.

LUGS

Lugs shall be 18-8, 8 GA stainless steel.

BAR

Bar shall be 18-8, 10 GA stainless steel.

PLATE

Plate shall be 18-8, 12 GA stainless steel.

STUD/BOLTS/NUTS:

Studs, bolts, and nuts shall be 18-8 stainless steel of at least 5/8 inch- xylan or Teflon coated, baked Teflon coated cor-ten nut.

WASHER:

Washers shall be 1/16 inch by 1-1/4 inch nylon.

GASKET:

Gaskets are recommended for use on potable water lines, lap type fine griddle virgin SBR rubber material with tapered ends for use in salty and acidic soils with temperature ranges of -40 degrees to 150 degrees fahrenheit.

MARKINGS

Each clamp is to have the manufacturer's name, part number with full O.D. range, and date of manufacture.

III. FULL CIRCLE CLAMP WITH TAP (SINGLE BAND CLAMP):

The clamp is to have an antioxidant/antiozanant agent to exceed shelf life, to meet or exceed ASTM D2000 AA415 standards. The clamp is to be fully passivated and is to have a Working pressure of 150 PSI.

Clamps shall be available for nominal pipe sizes of 1-1/2 inch to 12 inch and the widths shall range from 12 inches to 20 inches.

SPECIFICATIONS BID #50-129919

Clamps shall be available in a $\frac{3}{4}$, 1, and 2 inch tap.

Outside diameter (O.D.) ranges are to be met or exceeded; otherwise, no substitution will be accepted.

SHELL/BAND

Shell/band shall be made of 18-8 24 GA stainless steel for $\frac{1}{2}$ " through 2 inch, 22 GA for 2-1/2 inch through 4 inch, 20 GA for 6 inch, 18 GA for 8 inch through 20 inch, and 16 GA for 24 inch and above. Bridge plate is to be glued, recessed and flush formed into the gasket during molding.

LUGS:

Lugs shall be 18-8, 8 GA stainless steel.

BAR:

Bar shall be 18-8, 10 GA stainless steel.

PLATE:

Plate shall be 18-8, 12 GA stainless steel.

STUD/BOLTS/NUTS:

Studs, bolts, and nuts shall be 18-8 stainless steel of at least $\frac{5}{8}$ inch- xylan or Teflon coated, baked Teflon Coated cor-ten nut.

WASHER

Washers shall be $\frac{1}{16}$ inch by 1-1/4 inch nylon.

GASKET:

Gaskets are recommended for use on potable water lines, Lap type fine griddle virgin SBR rubber material with Tapered ends for use in salty and acidic soils with Temperature ranges of -40 degrees to 150 degrees Fahrenheit.

MARKINGS:

Each clamp is to have the manufacturer's name, part number with full O.D. range, and date of manufacture.

IV. FULL CIRCLE CLAMP WITH TAP (DOUBLE BAND CLAMP):

The clamp is to have an antioxidant/antiozanant agent to Exceed shelf life, to meet or exceed ASTM D2000 AA415 Standards, the clamp is to be fully passivated and is to have a Working pressure of 150 PSI.

Clamps shall be available for nominal pipe sizes of 2 inch to 14 Inch and the widths shall range from 6 inches to 20 inches.

Clamps shall be available in a $\frac{3}{4}$, 1, and 2 inch tap.

Outside diameter (O.D.) ranges are to be met or exceeded otherwise, no substitution will be accepted.

SHELL/BAND:

Shell/band shall be made of 18-8 24 GA stainless steel for 1/2 " through 2 inch, 22 GA for 2-1/2 inch through 4 inch, 20 GA for 6 inch, 18 GA for 8 inch through 20 inch, and 16 GA for 24 inch and above. Bridge plate is to be glued, recessed and flush formed into the gasket during molding.

LUGS:

Lugs shall be 18-8, 8 GA stainless steel.

BAR:

Bar shall be 18-8, 10 GA stainless steel.

PLATE:

Plate shall be 18-8, 12 GA stainless steel.

STUD/BOLTS/NUTS:

Studs, bolts, and nuts shall be 18-8 stainless steel of at Least 5/8 inch-xylan or Teflon coated, baked Teflon

Coated cor-ten nut.

WASHER:

Washers shall be 1/16 inch by 1-1/4 inch nylon.

GASKET:

Gaskets are recommended for use on potable water lines, lap type fine griddle virgin SBR rubber material with tapered ends for use in salty and acidic soils with temperature ranges of -40 degrees to 150 degrees fahrenheit.

MARKINGS:

Each clamp is to have the manufacturer's name, part Number with full O.D. range, and date of manufacture.

V. SADDLE, DOUBLE STRAP CLAMP WITH TAP:

The following are all stainless steel double strap service saddles (DSC) and full faced gasket with double bolts.

Saddles shall be TIG welded to meet ASTM A380.

The clamp is to have an antioxidant/antiozanant agent to exceed shelf life, to meet or exceed ASTM D2000 AA415 standard with 3/4 inch tap, the clamp is to be fully passivated and is to have a working pressure of 150 PSI.

Clamps shall be available for nominal pipe sizes of 4 inch to 16 inch and the widths shall be 8 inches. Clamps shall be available in A 3/4, 1, and 2 inch tap.

Outside diameter (O.D.) ranges are to be met or exceeded

Otherwise, no substitution will be accepted.

OUTLET/TAP:

Outlet and tap shall be 18-8 stainless, CC/AWWA taper threads with Teflon coatings to prevent galling.

SADDLE:

Saddle shall be 18-8, 16 GA stainless steel.

BANDS:

Bands shall be 18-8 stainless steel 2 inch wide, 20 GA up to 10 inch and 18 GA for larger diameters.

LUGS:

Lugs shall be 18-8, 8 GA stainless steel.

BAR:

Bar shall be 18-8, 10 GA stainless steel.

PLATE:

Plate shall be 18-8, 12 GA stainless steel.

STUD/BOLTS/NUTS:

Studs, bolts, and nuts shall be 18-8 stainless steel of at least 5/8 inch -11 xylan or Teflon coated, baked teflon coated cor-ten nuts.

WASHER:

Washers shall be 1/16 inch by 1-1/4 inch nylon.

GASKET:

Gaskets are recommended for use on potable water lines, lap type fine griddle virgin SBR rubber material with tapered ends for use in salty and acidic soils with temperature ranges of -40 degrees to 150 degrees fahrenheit.

MARKINGS:

Each clamp is to have the manufacturer's name, part Number with full O.D. range, and date of manufacture.

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

STANDARD INSURANCE REQUIREMENTS FOR BIDDING PURPOSES

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 **Invitation to 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 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 - The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

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.



JEFFERSON PARISH

January 2020

Changes to Jefferson Parish Bidding Information

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

Probable Construction Cost: 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.

Insurance Requirement: **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.

GENERAL GOVERNMENT BLDG. – 200 DERBIGNY ST., SUITE 4400, GRETNA, LA 70053
OFFICE 504.364.2678

JOSEPH S. YENNI BLDG. – 1221 ELMWOOD PARK BLVD., SUITE 404, JEFFERSON, LA 70123
OFFICE 504.364.2678

EMAIL: PURCHASING@JEFFPARISH.NET WEBSITE: WWW.JEFFPARISH.NET

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



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

March 4, 2020

ADDENDUM # 1

Bid No.: 50-00129919

Bid Opening Date: 3/12/2020

For: One year contract for supply of clamps, saddles & sleeves for the Jefferson Parish Department of Public Works- Water & all Agencies & Municipalities.

**REMOVE FROM THE INVITATION TO BID PAGES 6 THRU 11.
REPLACE WITH ATTACHED REVISED AS PER ADDENDUM # 1 PAGES.**

Two line items have been corrected.
Item # 4 and 29.

Timothy Randall
3-10-2020

Sincerely,

Donna Reamey

Donna Reamey, Buyer II
Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form as indicated. Failure to do so 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.

GENERAL GOVERNMENT BLDG. — 200 DERBIGNY ST., SUITE 4400, GRETN, LA 70053
OFFICE 504.364.2678

JOSEPH S. YENNI BLDG. — 1221 ELMWOOD PARK BLVD., SUITE 404, JEFFERSON, LA 70123
OFFICE 504.364.2678
EMAIL: PURCHASING@JEFFPARISH.NET WEBSITE: WWW.JEFFPARISH.NET



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

2/27/2020

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 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 E B Ducasse Insurance Agency, Inc 3200 Ridgelake Dr, Suite 401		CONTACT NAME: Darly Oser PHONE (A/C, No, Ext): (504) 840-9883 FAX (A/C, No): (504) 840-9889 E-MAIL ADDRESS: doser@ebducasse.com	
Metairie	LA 70002	INSURER(S) AFFORDING COVERAGE	
INSURED Cimsco Inc 1840 L & A Road		INSURER A: United Fire and Indemnity Co	NAIC # 19496
Metairie		INSURER B: Technology Insurance Co	42376
LA 70001-6237		INSURER C:	
		INSURER D:	
		INSURER E:	
		INSURER F:	

COVERAGES

CERTIFICATE NUMBER: CL1983002598

REVISION NUMBER:

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 LTR	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"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			60418952	9/1/2019	9/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Liquor Liability Exclusion \$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			60418952	9/1/2019	9/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/>	N/A	TWC3814081	9/1/2019	9/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The general liability and auto liability policies contain a blanket additional insured and blanket waiver of subrogation if required by written contract. The general liability is primary and non contributory. The Workers Comp policy contains a blanket waiver of subrogation if required by written contract.
Bid #5000129919

CERTIFICATE HOLDER

CANCELLATION

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

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

E Ducasse Sr./DARLY

Edward B. Ducasse, Jr.

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
CLMSCO, INC.
INCORPORATED.

AT THE MEETING OF DIRECTORS OF CLMSCO, INC.
INCORPORATED, DULY NOTICED AND HELD ON February 6, 2020,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT Timothy Randall, 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.

Ashley E. Riviere
SECRETARY-TREASURER

3/10/2020
DATE

Non-Public Works Bid

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF Jefferson

BEFORE ME, the undersigned authority, personally came and appeared: _____

Hunter Burgess, (Affiant) who after being by me duly sworn, deposed and said that he/~~she~~ is the fully authorized Sales of Cimco, Inc. (Entity), the party who submitted a bid in response to Bid Number 5000129919, 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 X

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 X 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.

Hunter Burgess
Signature of Affiant

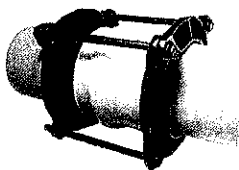
Hunter Burgess
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 10th DAY OF March, 2020.

Darcy L. Cooper
Notary Public

Darcy L. Cooper
Printed Name of Notary
Notary Public ID #87529
Louisiana Statewide Jurisdiction
My Commission is for Life
Notary/Bar Roll Number

My commission expires _____.



Bell Joint Leak Clamp

274

Description: Bell Joint Leak Clamp.

Application: Sealing and/or preventing leaks on Cast Iron bell and spigot caulked or rubber ring joints.

Key Features:

- Designed to fit both caulked or rubber ring joints in virtually all classes and brands of Cast Iron or Ductile Iron pipe within same nominal size
- Suitable for use on C900 and C905 PVC through 24" with the use of longer bolts-DR 18 minimum
- Kee-Lok gasket design eliminates need for field cutting gaskets—the ends are easily joined—no need of staples, tongs, tape or other gadgets to hold the gasket ends together (not available in 14", 30" or 36")
- Flexi-Coat® Fusion-Bonded Epoxy finish standard for great corrosion resistance
- Can be used to prevent leaking bell gaskets as well as repairing them
- Can be installed without interrupting the flow of the pipeline
- Front and back pieces are interchangeable
- All Bell-Spigot pieces are identical, making installation easier

Materials Specifications (subject to change):

BELL- SPIGOT RING: Ductile Iron per ASTM 536 or Carbon Steel on 14" size only—ASTM A36

GASKET: Nitrile (Buna N) – Compounded to resist oil, natural gas, acids, alkalis, most (aliphatic) hydrocarbon, water and other chemicals

~~BOLTS & NUTS: High strength, low alloy Steel with heavy, semi-finished hexagon nuts to ANSI A21.11 standards. Two inch clamps have electro-galvanized Steel studs.~~

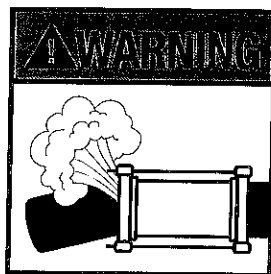
Temperature Range: -20°F to +180°F

FINISH: Flexi-Coat®, Fusion-Bonded Epoxy Finish

Working Pressure: 150 PSI (water).

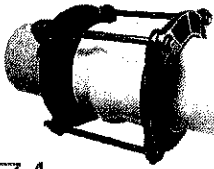
Pipe Applications: Ductile Iron, Cast Iron

Sizes (in inches): 2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36



THIS PRODUCT DOES NOT RESTRAIN PIPE MOVEMENT. Proper anchoring is required to prevent pipe pullout. Failure to anchor or improper anchoring can result in dangerous pipe content escape, property damage, serious injury, or death. Read the product installation instructions prior to installing this product.

*Hardware
supplied as
304 S/S*



Bell Joint Leak Clamp

274

Ductile Iron Pipe and Short Bell C900 & C905 PVC

(DR 18 minimum)

STANDARD			(+) BOLTS		CATALOG NUMBER	METRIC		
NOMINAL PIPE SIZE INCHES	PIPE O.D. RANGE INCHES	WEIGHT EACH LBS.	NO.	BOLT SIZE INCHES		NOMINAL PIPE SIZE MM	O.D. RANGE MM	WEIGHT EACH KG
2†	2.50	3	4	1/2 x 7	274-00000250-000	50	64	1.4
3†	3.80-3.96	15	4	5/8 x 9	274-00000380-000	80	97-100	6.8
4†	4.80-5.00	18	4	5/8 x 9	274-00000480-000	100	122-127	8.2
6	6.90-7.10	22	4	5/8 x 9	274-00000690-000	150	175-180	10.0
8	9.05-9.30	31	6	5/8 x 10 1/2	274-00000905-000	200	230-236	14.1
10	11.10-11.40	35	6	5/8 x 10 1/2	274-00001110-000	250	282-289	15.9
12	13.20-13.50	45	6	5/8 x 10 1/2	274-00001320-000	300	336-342	20.4
14*	15.30	52	8	5/8 x 11	274-00001530-000	350	389	24.0
14*	15.65	54	8	5/8 x 11	274-00001565-000	350	398	25.0
16	17.40-17.80	73	9	5/8 x 13	274-00001740-000	400	442-452	33.1
18	19.50-19.92	84	12	5/8 x 13	274-00001950-000	450	495-505	38.1
20	21.60-22.06	112	12	5/8 x 13	274-00002160-000	500	549-560	50.8
24	25.80-26.32	124	12	5/8 x 13	274-00002580-000	600	655-668	56.3
30†	31.74-32.74	239	15	5/8 x 17	274-00003174-000	762	806-832	108.6
36†	37.96-38.70	295	18	5/8 x 17	274-00003796-000	914	964-983	134.1

*Fabricated Carbon Steel. †Not recommended for PVC pipe. •Available with Bias Cut Gasket Only
May be used on C900 & C905, Cast Iron pipe sizes. Longer bolts may be required (see below).

Ductile Iron Pipe and Longer Bell C900 & C905 PVC

(DR 18 minimum)

STANDARD			(+) BOLTS		CATALOG NUMBER**	METRIC		
NOMINAL PIPE SIZE INCHES	PIPE O.D. RANGE INCHES	WEIGHT EACH LBS.	NO.	BOLT OR STUD SIZE INCHES		NOMINAL PIPE SIZE MM	O.D. RANGE MM	WEIGHT EACH KG
4†	4.80-5.00	19	4	5/8 x 17	274-40000480-500	100	122-127	8.6
6	6.90-7.10	23	4	5/8 x 17	274-40000690-500	150	175-180	10.4
8	9.05-9.30	33	6	5/8 x 17	274-30000905-500	200	230-236	15.0
10	11.10-11.40	37	6	5/8 x 17	274-30001110-500	250	282-289	16.8
12	13.20-13.50	48	6	5/8 x 17	274-30001320-500	300	336-342	21.8
14*	15.30	54	8	5/8 x 17	274-30001530-500	350	389	20.9
14*	15.65	58	8	5/8 x 17	274-30001565-500	350	398	26.3
16	17.40-17.80	78	9	5/8 x 25	274-40001740-000	400	442-452	35.4
18	19.50-19.92	90	12	5/8 x 25	274-40001950-000	450	495-505	40.8
20	21.60-22.06	118	12	5/8 x 25	274-40002160-000	500	549-560	53.5
24	25.80-26.32	130	12	5/8 x 25	274-40002580-000	600	655-668	59.0
30†	31.74-32.74	245	15	5/8 x 27	274-40003174-000	762	806-832	111.1
36†	37.96-38.70	301	18	5/8 x 27	274-40003796-000	914	964-983	136.5

*Fabricated Carbon Steel †Not recommended for PVC pipe. •Available with Bias Cut Gasket Only **-500 end code = 12" of thread
**-000 end code = All thread.

JCM 161 Fabricated Lug All Stainless Steel Clamps

The new JCM 161 Fabricated Lug All Stainless Steel Clamp offers an economical solution to problems such as breaks, splits, cracks, holes in all types of pipe. Available in standard sizes for cast iron, ductile iron, IPS PVC, C-900/905 PVC, steel, asbestos cement, polyethylene. The 161 is a stainless steel clamp that offers all the benefits of stainless: corrosion resistance, lightweight, flexible yet

strong. The JCM 161 is especially recommended for hot soil conditions and corrosive environments.

The full circumferential gasket provides a complete repair while the molded in stainless steel bridge plate provides the full stainless steel barrier to aggressive elements.

MATERIAL SPECIFICATIONS - JCM 161, 162, 163, 168 FABRICATED LUG ALL STAINLESS STEEL CLAMP COUPLINGS

Bolting Assembly:	18-8 Type 304 Stainless Steel
Band:	18-8 Type 304 Stainless Steel
Bolts And Nuts:	18-8 Type 304 Stainless Steel
Gasket:	Virgin Styrene-Butadiene Rubber (SBR) - Compounded for use with water, salt solutions, mild acids and bases. Per ASTM D-2000 M4AA 607. Temperature range from -40° to 150°F (-40° to 65°C) constant, maximum intermittent 180°F (82°C). For applications on high temperatures or chemical pipelines, contact JCM Industries Technical Services. Meets ANSI/AWWA C230 Stainless-Steel Full-Encirclement Repair and Service Connection Clamps.

Strong Stainless Steel Studs - permanently attached to eliminate loose parts and nuts are treated to speed installation and prevent seizing.

Thick Gridded Gasket - long tapered ends and recessed bridge plate assure even gasket pressure throughout range - without wrinkling or crimping. Compounded for use with water, salt solutions, mild acids and bases.

Positive Attachment of Band to Lugs - strong TIG welds eliminate mechanical weaknesses and prevents band separation. Thick stainless lifter bar plate prevents distortion or warping during tightening.

Image Reflects 7" Clamp Width

Type 304 Stainless Steel Band - conforms to pipe irregularities, maintaining sealing pressure over the entire gasket.



JCM 161 Fabricated Lug Stainless Steel Universal Clamps

The JCM 161 Fabricated Lug All Stainless Steel Clamp offers an economical solution to problems such as breaks, splits, cracks, holes in all types of pipe. Available in standard sizes, the 161 is a stainless steel clamp that offers all the benefits of stainless: corrosion resistance, lightweight, flexible yet strong.

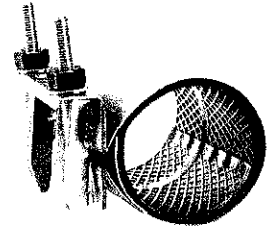


Image Reflects 7" Clamp Width

Nom. Pipe Size (IN.)	Clamp O.D. Range (IN.)	161 Stainless Steel Universal Clamp	Clamp Width - Approximate Weight					
			7"	12"	15"	18"	24"	30"
		Clamp Number	Lbs. #	Lbs. #	Lbs. #	Lbs. #	Lbs. #	Lbs. #
2 - 2-1/2	2.35 - 2.63 2.70 - 3.13	0238 0275	•	•	•	-	-	-
			5#	8#	10#			
3	3.46 - 3.70 3.73 - 4.13	0350 0400	•	•	•	-	-	-
			6#	9#	11#			
4	4.45 - 4.75 4.74 - 5.14 4.95 - 5.35 5.22 - 5.62	0450 0480 0500 0525	•	•	•	•	•	•
			7#	10#	12#	17#	20#	24#
6	5.95 - 6.35 6.56 - 6.96 6.85 - 7.25 7.05 - 7.45 7.45 - 7.85	0600 0663 0690 0710 0745	•	•	•	•	•	•
			9#	13#	17#	20#	26#	34#
8	7.95 - 8.35 8.54 - 8.94 8.99 - 9.39 9.27 - 9.67 9.90 - 10.30	0800 0863 0905 0940 1000	•	•	•	•	•	•
			11#	16#	21#	25#	32#	44#
10	10.60 - 11.00 11.04 - 11.44 11.34 - 11.74 11.75 - 12.15 12.00 - 12.40	1075 1110 1140 1175 1200	•	•	•	•	•	•
			15#	18#	24#	30#	36#	50#
12	12.60 - 13.02 13.10 - 13.50 13.40 - 13.80 13.70 - 14.10 14.00 - 14.40	1275 1320 1340 1370 1400	•	•	•	•	•	•
			17#	20#	27#	34#	40#	56#
Number of Bolts			2	3	4	4	6	8

HOW TO ORDER

1. Determine O.D. of pipe.
2. Select proper clamp O.D. range and band width.
3. Determine Model Number.
4. Specify clamp number.
Example: To fit Cast Iron pipe, 6.90 O.D. with 6" width, order: 161-0690-6

1. Clamp width should be equal to or greater than the pipe diameter for higher working pressures.
2. Not recommended for use for joining plain end pressure pipe.
3. Other ranges and widths available upon request.
4. Clamps do not prevent lateral movement of pipe. Applications in which the pipe may move out of the clamp, proper anchorage of the pipe must be provided.

Available Options Upon Request Models 161-162

- Pipe sizes and ranges not listed
- Conductive Buttons
- Specialty Gaskets
- Tapped clamps, see page 18
- Other Sizes and Ranges



JCM Tapped Outlet Repair Clamps - 103, 104, 173, 174, 133, 134, 123, 153, 163, 164

Models of JCM Universal Clamp Couplings are available with tapped outlets for repair of direct tap pull outs and broken or split pipe requiring a service outlet.

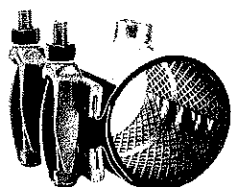
HOW TO ORDER

1. Select standard model, size and width clamp to fit pipe.	3. Select size and type of tapped outlet from outlet guide below. Note minimum widths and range/sizes.	Ordering Example: For standard clamp to fit 6" Cast Iron Pipe with 12" width, with 2" IP outlet, order: 103-0690-12 x 14IP
2. Change model number to corresponding Tapped Outlet Clamp Model Number.	4. Add Outlet Tap Code to clamp number. Add-On outlet price to standard clamp list price.	

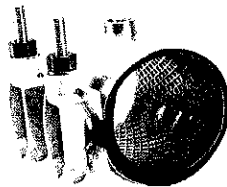
Standard Clamp Model	Becomes	Tapped Outlet Clamp Model
101 Universal Clamp Coupling - Standard Range		103 Tapped Universal Clamp Coupling - Standard Range
102 Universal Clamp Coupling - Extended Range		104 Tapped Universal Clamp Coupling - Extended Range
131 All Stainless Steel UCC - Std Range		133 Tapped All Stainless Steel UCC - Std Range
132 All Stainless Steel UCC - Extd Range		134 Tapped All Stainless Steel UCC - Extd Range
121 Gas Repair Clamp		123 Tapped Gas Service Clamp
151 Gas Repair Clamp		153 Tapped All Stainless Steel Gas Service Clamp
161 All Stainless Steel Fabricated Lug Clamp		163 All Stainless Steel Tapped Fabricated Lug Clamp
162 All Stainless Steel Fabricated Lug Clamp - Ext Range		164 All Stainless Steel Tapped Fabricated Lug Clamp - Ext Range
171 UCC - Standard Range - Removeable Lug		173 Tapped UCC - Standard Range - Removeable Lug
172 UCC - Extended Range - Removeable Lug		174 Tapped UCC - Standard Range - Removeable Lug

CLAMP RANGE/SIZE (IN.)	MINIMUM CLAMP LENGTH (IN.)	TYPE OF THREAD	TAP SIZE	ADD OUTLET TAP CODE	
				IP ORDER TAP CODE	CC ORDER TAP CODE
2.38 - 4.80	6	IP or CC	3/4"	06	07
			1"	08	09
2.38 - 14.00	7-1/2	IP or CC	3/4"	06	07
			1"	08	09
4.50 - 14.00	12	IP or CC	1-1/4"	10	11
4.50 - 14.00	12	IP or CC	1-1/2"	12	13
4.50 - 14.00	12	IP	2"	14	-
4.50 - 14.00	12	CC	2"	-	15

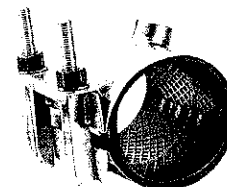
JCM
103
123
173



JCM
133
153



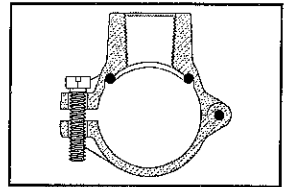
JCM
163



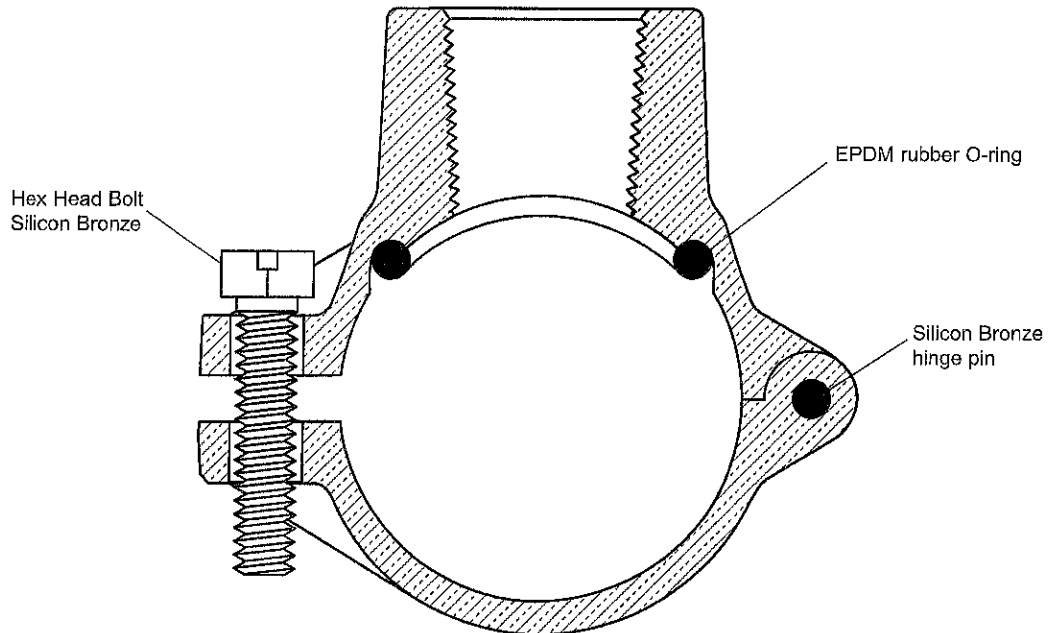
Images Reflect 7" Clamp Width

SUBMITTAL INFORMATION

Brass Saddle For 2" Copper - (S40-xxx style)



S40 BRASS SADDLE WITH AWWA TAP FOR 2" COPPER TUBING



COPPER TUBE SIZE	ACTUAL TUBE O.D.	AWWA TAP SIZE	APPROX. WT. LBS.	CATALOG NUMBER	✓ SUBMITTED ITEM(S)
2"	2.13	1/2"	.9	S40-201	
		3/4"	1.1	S40-203	
		1"	1.4	S40-204	

FEATURES

- All brass conforms to AWWA Standard C800 (ASTM B62 and ASTM B584, UNS NO C83600 - 85-5-5-5).
- Saddle body and strap permanently held together with silicon bronze pin.
- Bolt is 5/16" slotted hex head silicon bronze.
- O-ring is EPDM rubber ASTM D2000.

The Ford Meter Box Company considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice. Please verify that your product information is current.



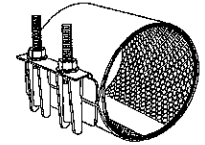
The Ford Meter Box Company, Inc.
P.O. Box 443, Wabash, Indiana U.S.A. 46992-0443
Phone: 260-563-3171 / Fax: 800-826-3487
Overseas Fax: 260-563-0167
www.fordmeterbox.com

01/12/16

Submitted By:

SUBMITTAL INFORMATION

Repair Clamps - (FS1-xxx-Length style)



2" TO 4" ALL STAINLESS STEEL CIRCLE REPAIR CLAMPS

Optional Stainless Taps

ASTM A240 type 304 stainless steel tig welded to band. Available with AWWA or I.P. threads.

Band

ASTM A240 type 304 stainless steel

Lifter Bar

ASTM A240 type 304 heavy gauge stainless steel

Sidebar

ASTM A240 type 304 heavy gauge stainless steel

Lug

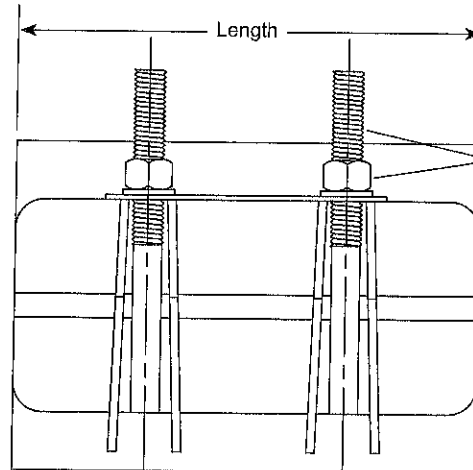
ASTM A240 type 304 heavy gauge stainless steel

Armor

ASTM A240 type 304 heavy gauge stainless steel, mold bonded into the gasket to ensure uniform compression against the pipe

Gasket

Gridded virgin SBR compounded for water service, per ASTM D2000. Buna-N Nitrile is optional.



Bolts & Nuts
ASTM A240 type 304 stainless steel nuts and washers. Nuts are coated to prevent galling.

OUTLET THREAD TAP CODE

CC (AWWA) Thread			IP Thread		
THREAD	CODE NUMBER	MIN. CLAMP SZ.	THREAD	CODE NUMBER	MIN. CLAMP SZ.
3/4" CC	-CC3	2.63	3/4" IP	-IP3	2.63
1" CC	-CC4	2.63	1" IP	-IP4	2.63
1-1/4" CC	-CC5	3.70	1-1/4" IP	-IP5	3.70
1-1/2" CC	-CC6	4.25	1-1/2" IP	-IP6	3.70
2" CC	-CC7	4.73	2" IP	-IP7	4.25

NOM. PIPE SIZE	PIPE O.D. RANGE	LENGTH AND APPROXIMATE WEIGHT (LBS.)									BOLT SIZE	BAND THICKNESS	CATALOG NUMBER FS1-XXX-LENGTH	✓ SUBMITTED ITEM(S)
		4"	6"	7.5"	10"	12.5"	15"	20"	24"	30"				
2"	2.05 - 2.25	3	4	4	5	5	8	n/a	n/a	n/a	1/2" 13 UNC	24 GA.	FS1-225-	
	2.35 - 2.63	N/A	4	4	5	5	8	n/a	n/a	n/a			FS1-263-	
2-1/4" - 2-1/2"	2.70 - 3.00	N/A	4	5	5	6	8	n/a	n/a	n/a			FS1-300-	
3"	2.97 - 3.25	N/A	4	5	5	6	9	n/a	n/a	n/a			FS1-325-	
	3.42 - 3.66												FS1-366-	
	3.46 - 3.70												FS1-370-	
	3.73 - 4.00												FS1-400-	
	3.96 - 4.25												FS1-425-	
	4.06 - 4.35												FS1-435-	
4"	4.37 - 4.65	N/A	5		6	7	9	n/a	n/a	n/a			FS1-465-	
	4.45 - 4.73												FS1-473-	
	4.50 - 4.80												FS1-480-	
	4.74 - 5.14												FS1-514-	
	4.95 - 5.35										FS1-535-			
	5.22 - 5.62										FS1-562-			
Number of Bolts		1	2	2	3	3	4	6	6	9				

FEATURES

- Buna-N gasket and conductivity strips are available
- Also available in two-and three-section clamps for a wider range of pipe sizes and tolerances
- Optional outlet taps are available for repair of service line pull-outs. Add tapping code to catalog number
- All welds are fully passivated to restore corrosion resistant characteristics of stainless steel
- UL classified to ANSI/NSF Standard 61

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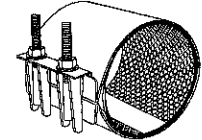
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11/07/16

Submitted By:

SUBMITTAL INFORMATION

Repair Clamps - (FS1-xxx-Length style)



6" AND 8" ALL STAINLESS STEEL CIRCLE REPAIR CLAMPS

Optional Stainless Taps

ASTM A240 type 304 stainless steel tig welded to band. Available with AWWA or I.P. threads.

Band

ASTM A240 type 304 stainless steel

Lifter Bar

ASTM A240 type 304 heavy gauge stainless steel

Sidebar

ASTM A240 type 304 heavy gauge stainless steel

Lug

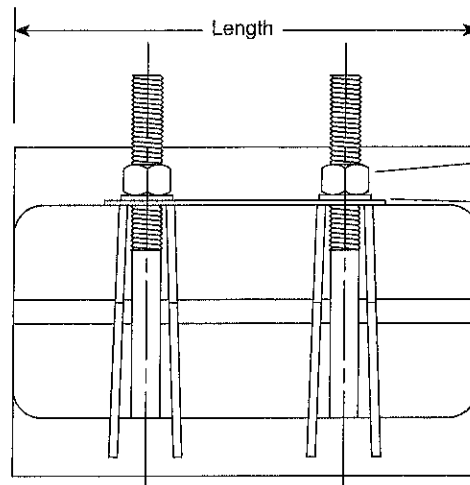
ASTM A240 type 304 heavy gauge stainless steel

Gasket

Gridded virgin SBR compounded for water service, per ASTM D2000. Buna-N Nitrile is optional.

Armor

ASTM A240 type 304 heavy gauge stainless steel, mold bonded into the gasket to ensure uniform compression against the pipe



Bolts & Nuts

ASTM A240 type 304 stainless steel nuts and washers. Nuts are coated to prevent galling.

OUTLET THREAD TAP CODE

CC (AWWA) THREAD		IP THREAD	
THREAD	CODE NUMBER	THREAD	CODE NO.
3/4" CC	-CC3	3/4" IP	-IP3
1" CC	-CC4	1" IP	-IP4
1-1/4" CC	-CC5	1-1/4" IP	-IP5
1-1/2" CC	-CC6	1-1/2" IP	-IP6
2" CC	-CC7	2" IP	-IP7

NOM. PIPE SIZE	PIPE O.D. RANGE	LENGTH AND APPROXIMATE WEIGHT (LBS.)								BOLT SIZE	BAND THICKNESS	CATALOG NUMBER FS1-XXX-LENGTH	✓ SUBMITTED ITEM(S)
		7.5"	10"	12.5"	15"	20"	24"	30"	36"				
6"	5.95 - 6.35	7	9	10	14	17	21	27	34	5/8" 11 UNC	20 GA.	FS1-635-	
	6.35 - 6.75											FS1-675-	
	6.56 - 6.96											FS1-696-	
	6.84 - 7.24											FS1-724-	
	7.05 - 7.45											FS1-745-	
	7.25 - 7.65											FS1-765-	
	7.45 - 7.85											FS1-785-	
8"	7.95 - 8.35	8	10	11	15	19	24	30	39			FS1-835-	
	8.54 - 8.94											FS1-894-	
	8.99 - 9.39											FS1-939-	
	9.27 - 9.67											FS1-967-	
Number of Bolts		2	3	3	4	6	7	9	10				

FEATURES

- Buna-N gasket and conductivity strips are available
- Also available in two-and three-section clamps for a wider range of pipe sizes and tolerances
- Optional outlet taps are available for repair of service line pull-outs. Add tapping code to catalog number
- All welds are fully passivated to restore corrosion resistant characteristics of stainless steel
- UL classified to ANSI/NSF Standard 61

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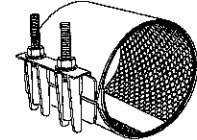
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09/16/16

Submitted By:

SUBMITTAL INFORMATION

Repair Clamps - (FS1-xxxx-Length style)



10" AND 12" ALL STAINLESS STEEL CIRCLE REPAIR CLAMPS

Optional Stainless Taps

ASTM A240 type 304 stainless steel tig welded to band. Available with AWWA or I.P. threads.

Band

ASTM A240 type 304 stainless steel

Lifter Bar

ASTM A240 type 304 heavy gauge stainless steel

Sidebar

ASTM A240 type 304 heavy gauge stainless steel

Lug

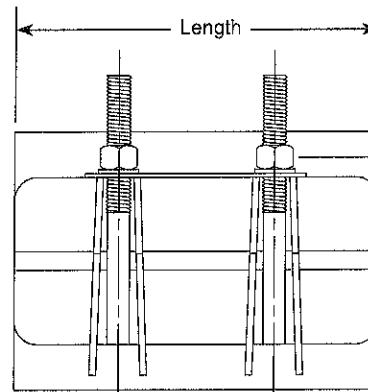
ASTM A240 type 304 heavy gauge stainless steel

Gasket

Gridded virgin SBR compounded for water service, per ASTM D2000. NBR (Buna-N) is optional.

Armor

ASTM A240 type 304 heavy gauge stainless steel, mold bonded into the gasket to ensure uniform compression against the pipe



Bolts & Nuts

ASTM A240 type 304 stainless steel nuts and washers. Nuts are coated to prevent galling.

OUTLET THREAD TAP CODE

CC (AWWA) THREAD		IP THREAD	
THREAD	CODE NUMBER	THREAD	CODE NO.
3/4" CC	-CC3	3/4" IP	-IP3
1" CC	-CC4	1" IP	-IP4
1-1/4" CC	-CC5	1-1/4" IP	-IP5
1-1/2" CC	-CC6	1-1/2" IP	-IP6
2" CC	-CC7	2" IP	-IP7

NOM. PIPE SIZE	PIPE O.D. RANGE	LENGTH AND APPROXIMATE WEIGHT (LBS.)								BOLT SIZE	BAND THICKNESS	CATALOG NUMBER	✓ SUBMITTED ITEM(S)
		7.5"	10"	12.5"	15"	20"	24"	30"	36"				
10"	9.70 - 10.10	11	14	16	24	28	32	42	49	5/8" 11 UNC	20 GA.	FS1-1010-Length	
	9.95 - 10.35											FS1-1035-Length	
	10.64 - 11.04											FS1-1104-Length	
	11.04 - 11.44											FS1-1144-Length	
	11.34 - 11.74											FS1-1174-Length	
12"	11.75 - 12.15	13	16	18	27	30	36	48	57			FS1-1215-Length	
	12.00 - 12.40											FS1-1240-Length	
	12.10 - 12.50											FS1-1250-Length	
	12.62 - 13.02											FS1-1302-Length	
	13.10 - 13.50											FS1-1350-Length	
	13.40 - 13.80											FS1-1380-Length	
	13.70 - 14.10											FS1-1410-Length	
	14.00 - 14.40											FS1-1440-Length	
Number of Bolts		2	3	4	4	6	7	9	10				

FEATURES

- NBR (Buna-N) gasket and conductivity strips are available
- Also available in two-and three-section clamps for a wider range of pipe sizes and tolerances
- Optional outlet taps are available for repair of service line pull-outs. Add tapping code to catalog number
- All welds are fully passivated to restore corrosion resistant characteristics of stainless steel
- UL classified to ANSI/NSF Standard 61

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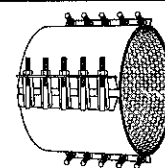
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11/10/17

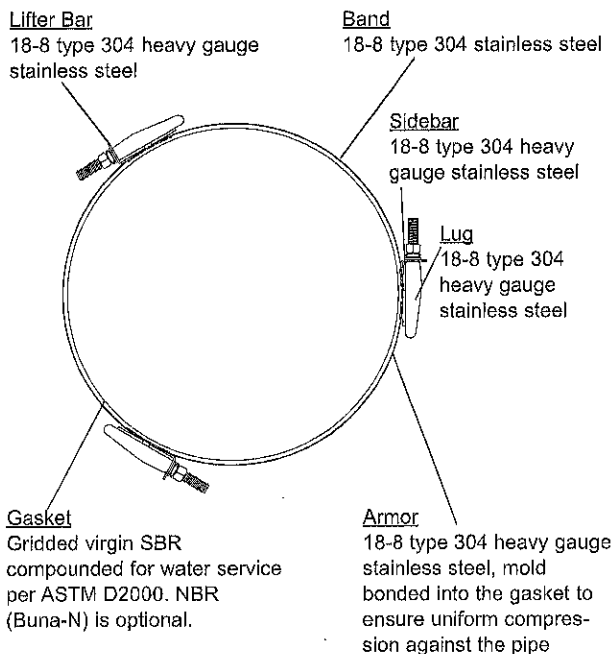
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SUBMITTAL INFORMATION

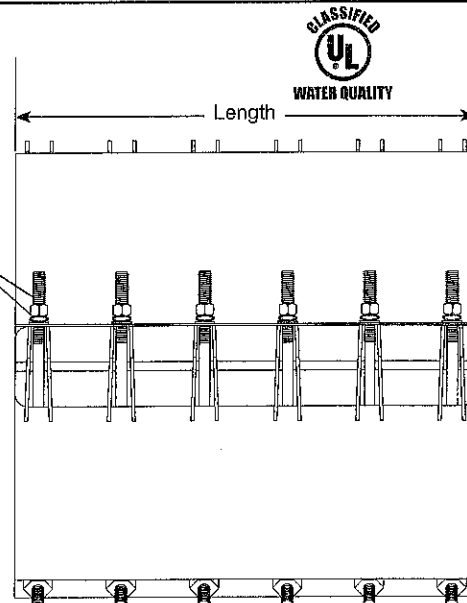
Repair Clamps - (FS3-xxxx-Length style)



THREE SECTION ALL STAINLESS STEEL REPAIR CLAMPS

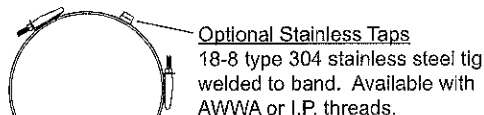


Bolts & Nuts
18-8 type 304 stainless steel nuts and washers. Nuts are coated to prevent galling.



OUTLET THREAD TAP CODE

CC (AWWA) Thread		IP Thread	
Thread	Code No.	Thread	Code No.
3/4" CC	-CC3	3/4" IP	-IP3
1" CC	-CC4	1" IP	-IP4
1-1/4" CC	-CC5	1-1/4" IP	-IP5
1-1/2" CC	-CC6	1-1/2" IP	-IP6
2" CC	-CC7	2" IP	-IP7



Optional Stainless Taps
18-8 type 304 stainless steel tig welded to band. Available with AWWA or I.P. threads.

NOM. PIPE SIZE	PIPE O.D. RANGE	LENGTH AND APPROX. WEIGHT (LBS.)					BOLT SIZE	BAND THICKNESS	CATALOG NUMBER	✓ SUBMITTED ITEM
		12.5"	15"	20"	24"	30"				
16"	15.92 - 17.12	31	40	52	64	77	5/8" 11 UNC	20 GA.	FS3-1712-Length	
	17.10 - 18.30								FS3-1830-Length	
18"	18.00 - 19.20	35	44	56	68	84			FS3-1920-Length	
	18.78 - 19.98								FS3-1998-Length	
	19.50 - 20.70								FS3-2070-Length	
20"	21.60 - 22.80	41	48	60	73	89			FS3-2280-Length	
	22.80 - 24.00								FS3-2400-Length	
24"	24.45 - 25.65	46	53	65	79	102			FS3-2565-Length	
	25.80 - 27.00								FS3-2700-Length	
	29.62 - 30.82								FS3-3082-Length	
30"	31.22 - 32.42	51	58	69	83	108			FS3-3242-Length	
Number of studs		12	12	18	21	27				

FEATURES

- NBR (Buna-N) gasket and conductivity strips are available
- Optional outlet taps are available for repair of service line pull-outs. Add tapping code to catalog number
- All welds are fully passivated to restore corrosion resistant characteristics of stainless steel
- UL Classified to ANSI/NSF Standard 61

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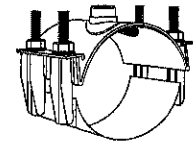
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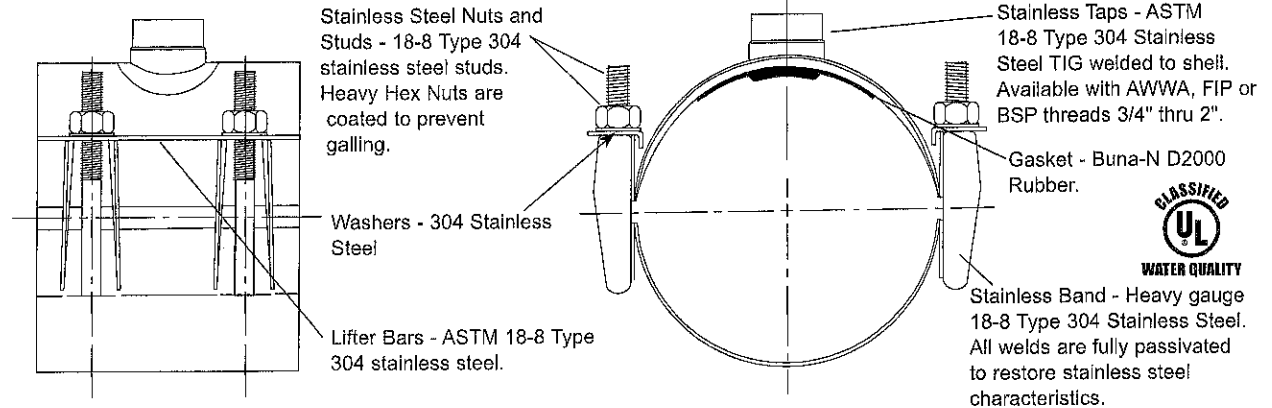
Submitted By:

SUBMITTAL INFORMATION

Stainless Steel Saddle - Double Band - (FS323-xxx-Tap style)



TAPPED STAINLESS STEEL SADDLE



NOM. PIPE SIZE	SADDLE O.D. RANGE	TAP SIZE 3/4" & 1"			TAP SIZE 1-1/4", 1-1/2" & 2"			CATALOG NUMBER	✓ SUBMITTED ITEM(S)
		BAND WIDTH	BOLT SIZE	APPROX. WT. LBS.	BAND WIDTH	BOLT SIZE	APPROX. WT. LBS.		
4"	4.74-5.54	6"	5/8"	5.2	7-1/2"	5/8"	5.7	FS323-554-TAP	
6"	6.40-7.20	6"	5/8"	5.1	7-1/2"	5/8"	5.8	FS323-720-TAP	
8"	8.40-9.20	6"	5/8"	6.3	7-1/2"	5/8"	7.8	FS323-920-TAP	
10"	10.70-11.50	6"	5/8"	7.0	7-1/2"	5/8"	9.0	FS323-1150-TAP	
12"	12.70-13.50	6"	5/8"	9.0	7-1/2"	5/8"	11.0	FS323-1350-TAP	
	14.00-14.80	6"	5/8"		7-1/2"	5/8"		FS323-1480-TAP	
14"	14.95-15.75	6"	5/8"	10.0	7-1/2"	5/8"	12.0	FS323-1575-TAP	
	15.60-16.40	6"	5/8"		7-1/2"	5/8"		FS323-1640-TAP	
	15.75-16.55	6"	5/8"		7-1/2"	5/8"		FS323-1655-TAP	
16"	16.40-17.20	6"	5/8"	10.5	7-1/2"	5/8"	12.5	FS323-1720-TAP	
	17.20-18.00	6"	5/8"		7-1/2"	5/8"		FS323-1800-TAP	
	17.60-18.40	6"	5/8"		7-1/2"	5/8"		FS323-1840-TAP	
	18.00-18.80	6"	5/8"		7-1/2"	5/8"		FS323-1880-TAP	
18"	18.40-19.20	6"	5/8"	10.5	7-1/2"	5/8"	12.5	FS323-1920-TAP	
	18.80-19.60	6"	5/8"		7-1/2"	5/8"		FS323-1960-TAP	
	19.20-20.00	6"	5/8"		7-1/2"	5/8"		FS323-2000-TAP	

OUTLET TAP CODE

CC (AWWA) THREAD			IP THREAD		
THREAD	CODE NO.	✓ SUBMITTED ITEM(S)	THREAD	CODE NO.	✓ SUBMITTED ITEM(S)
3/4" CC	CC3		3/4" IP	IP3	
1" CC	CC4		1" IP	IP4	
1-1/4" CC	CC5		1-1/4" IP	IP5	
1-1/2" CC	CC6		1-1/2" IP	IP6	
2" CC	CC7		2" IP	IP7	

To Order: Select the catalog number for the desired pipe range and complete the catalog number by adding the outlet thread tap code. Example: A double band saddle for 9.05 O.D. pipe with a 3/4" CC thread would be **FS323-920-CC3**.

FEATURES

- Body, Bands and threaded studs are made of 18-8 Type 304 stainless steel
- All welds are fully passivated for corrosion resistance
- Coined body for gasket retention
- Buna-N rubber pad gasket per (ASTM D2000) with raised compression seal
- Rated for 250 psi working pressure
- UL Classified to ANSI/NSF Standard 61

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07/09/15

Submitted By:



"THE STANDARD OF EXCELLENCE IN THE INDUSTRY"

TAPPING SLEEVES (Stainless Steel – Extra Heavy) - STYLE – CST-EX

Tapping sleeve shall be made from a top shell section and a back shell section. The back shell section shall be a minimum thickness of 14 gauge, T304 stainless steel and have lug bars MIG welded to the shell. Each lug bar shall be T304 stainless steel of a minimum thickness of 7 gauge, and are MIG welded along the top and bottom edges. The top shell section (branch side) shall be a minimum thickness of 11 gauge T304 stainless steel and have lug bars welded to the shell similar to the back shell. The branch shall be T304 stainless steel of a minimum thickness of 14 gauge, rolled and seam welded. The branch shall be attached to the Top shell with an outside seam MIG weld and an inside seam TIG weld. The top shell shall have a virgin SBR branch gasket with a branch-side double O-ring seal, a hydraulic-lip seal, a main-side double O-ring seal and a contoured T304 stainless steel insert molded ring. The test outlet shall be T304 stainless steel, threaded for a 3/4-NPT test plug, and MIG welded to the branch. The test plug shall be a Teflon-taped, 3/4-NPT brass plug. Armor plates shall be TIG welded to the Top shell to aide in providing full hoop support. **Flanged tapping sleeves** shall have a flange welded to the branch with an outside seam MIG weld and an inside seam TIG weld. The flange shall be T304 stainless steel or ASTM A36, meeting ANSI/AWWA C228 Class SD, with recessed I.D. to accept flanged tapping valves. The flange gasket shall be virgin SBR and shall be attached to the flange with contact cement. **MJ tapping sleeves** shall have MJ gland segments TIG welded on the gasket side, MIG on the gland side to the branch. Gland segments shall be T304 stainless steel of a minimum thickness of 0.25" and shall accept MJ tapping valves. The Back shell section shall be attached to the Top shell section using fluoropolymer coated heavy hex nuts, T304 stainless steel washers, and T304 stainless steel 5/8 UNC track bolts. Both shells shall be lined with a 0.25" thick, virgin SBR, gridded, mat gasket with tapered ends to provide a 360° wrap on the pipe. All weldments shall be **fully, chemically passivated** in accordance with ASTM A380. The tapping sleeve shall be **CST-EX** or **CST-EX-MJ** series as manufactured by Cascade Waterworks Mfg. Co. of Yorkville, IL.

These specifications are accurate at time of publication and are subject to change without prior notice.



08.27.2018

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www.cascademfg.com



"THE STANDARD OF EXCELLENCE IN THE INDUSTRY"

TAPPING SLEEVES (Stainless Steel – Super Light) - STYLE – CST-SL

Tapping sleeve shall be made from a top shell section and a back shell section. The back shell section shall be a minimum thickness of 14 gauge, T304 stainless steel and have receiver bars TIG welded to the shell. The top shell section (branch side) shall be a minimum thickness of 12 gauge T304 stainless steel. The branch shall be T304 stainless steel of a minimum thickness of 14 gauge, rolled and seam welded. The branch shall be attached to the Top shell with an outside seam MIG weld and an inside seam TIG weld. The top shell shall have a virgin SBR branch gasket with a branch-side double O-ring seal, a hydraulic-lip seal, a main-side double O-ring seal and a contoured T304 stainless steel insert-molded ring. The test outlet shall be T304 stainless steel, threaded for a 3/4-NPT test plug, and MIG welded to the branch. The test plug shall be a Teflon-taped, 3/4-NPT brass plug. Each stud bar shall have T304 stainless steel studs with 5/8 UNC rolled threads, and a Stud bar plate which are MIG welded together. The Stud bars are TIG welded to the Top shell. Armor plates shall be TIG welded to the Top shell to aide in providing full hoop support. **Flanged tapping sleeves** shall have a flange welded to the branch with an outside seam MIG weld and an inside seam TIG weld. The flange shall be T304 stainless steel, meeting ANSI/AWWA C228 Class SD, with recessed I.D. to accept flanged tapping valves. The flange gasket shall be virgin SBR and shall be attached to the flange with contact cement. **MJ tapping sleeves** shall have MJ gland segments TIG welded on the gasket side, MIG on the gland side to the branch. Gland segments shall be T304 stainless steel of a minimum thickness of 0.25" and shall accept MJ tapping valves. Each Receiver bar shall include T304 stainless steel receiving fingers and receiver bar plate which are MIG welded together. The Receiver bars are TIG welded to the Back shell. The Back shell section shall be attached to the Top shell section using fluoropolymer coated heavy hex nuts, T304 stainless steel washers, and a T304 stainless steel U-channel washer plate. Both shells shall be lined with a 0.25" thick, virgin SBR, gridded, mat gasket with tapered ends to provide a 360° wrap on the pipe. All weldments shall be **fully, chemically passivated** in accordance with ASTM A380. The tapping sleeve shall be **CST-SL** or **CST-SL-MJ** series as manufactured by Cascade Waterworks Mfg. Co. of Yorkville, IL.

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08.27.2018

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"THE STANDARD OF EXCELLENCE IN THE INDUSTRY"

SADDLES (ALL Stainless Steel) - STYLES – CS12, CS22

Service saddles shall be made from 18-8, Type 304 stainless steel, per ASTM A240. All saddles shall be of two-piece construction and shall be certified to ANSI/NSF 61.

Cascade Style CS12 Service Saddles shall be a minimum of 5 inches wide for 4 inch through 12 inch pipe sizes with outlets of 3/4 inch or 1 inch, CC or IPS thread. The saddles shall have a single stud/receiver assembly per side.

Cascade Style CS22 Service Saddles shall be 8 inches wide for 4 inch through 24 inch pipe sizes with outlets of 3/4 inch through 2 inch, CC or IPS thread. These saddles shall have a double stud/receiver assembly per side.

Bolts and nuts shall be 5/8-11, 18-8 stainless steel. Nuts shall be coated with Xylan to prevent galling. Washers shall be nylon 1/16" x 1-1/4". Outlets shall be 18-8 stainless steel either CC or IP thread. Gaskets shall be virgin SBR - grade 30 (optional virgin EPDM) rubber. Gasket shall be a gridded mat, with tapered ends, with the outlet section having dual o-rings contacting the saddle body and multiple rings contacting the pipe. A stainless steel reinforcing ring shall be insert-molded within the outlet section to prevent gasket expansion under pressure. All weldments (welds and metal surfaces) shall be chemically passivated to meet ASTM A380. Service Saddles shall be Model CS12 or CS22 as manufactured by Cascade Waterworks Mfg. Co. of Yorkville, IL or approved equal.



"THE STANDARD OF EXCELLENCE IN THE INDUSTRY"

REPAIR CLAMPS (Stainless Steel) - STYLE – CR1, CR2, CR2-SR, CR3

Repair Clamps shall be made from 1 section (CR1), 2 sections (CR2 or CR2-SR) or 3 sections (CR3). The section(s) shall be made of T-304 stainless steel with a minimum thickness of 22 gauge and a maximum thickness of 18 gauge. The section(s) shall have receiver bars & stud bars TIG welded to the section(s). Each stud bar shall include 5/8-11x7" long, T-304 stainless steel studs and a Stud bar plate which is MIG welded together. Each receiver bar shall include T-304 stainless steel receiving fingers and a Receiver bar plate which are MIG welded together. The stud bar and receiver bar shall be connected using Xylan coated heavy hex nuts, Nylon anti-galling washers and a T-304 stainless steel U-channel washer plate. Each section shall be lined with a 0.250" thick, virgin SBR, gridded, mat gasket with tapered ends to provide a 360° seal and an Armor plate to aide in providing full hoop support on the pipe. All welds and bare metal surfaces shall be chemically passivated. The Repair Clamp shall be CR1, CR2, CR2-SR, CR3 series as manufactured by Cascade Waterworks Mfg. Co. of Yorkville, IL or approved equal.