



CENTRALBIDDING

FROM CENTRAL AUCTION HOUSE

**5000146604 ONE (1) YEAR CONTRACT FOR A SUPPLY OF COUPLINGS,
RESTRAINING DEVICES, AND RELATED GASKETS FOR THE
DEPARTMENT OF PUBLIC WORKS AND ALL JEFFERSON PARISH
AGENCIES AND MUNICIPALITIES**
Jefferson Parish Government

Project documents obtained from www.CentralBidding.com

23-Oct-2024 08:55:45 AM



Bid Number 50-00146604

One (1) Year Contract for a Supply of Couplings, Restraining Devices and Related Gaskets for the Department of Public Works and all Jefferson Parish Agencies and Municipalities

BID DUE: November 7, 2024 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 on the Purchasing Department's eProcurement site, www.jeffparishbids.net, by the bid due date and time. Late bids will not be accepted.

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Purchasing Specialist: Ruby Tran
Email: ruby.tran@jeffparish.gov
Phone: 504-364-2687**

Bid # 50-00146604

One (1) Year Contract for a Supply of Couplings, Restraining Devices and Related Gaskets for the Jefferson Parish Department of Public Works and All Jefferson Parish Agencies and Municipalities

Items Included In This Contract:

1. Steel Body Transitional Couplings (Non-Restrained)
2. Ductile Iron Body Transitional Couplings (Non-Restrained)
3. Flange Coupling Adapter (Non-Restrained)
4. Flange Coupling Adapter (Restrained)
5. EBAA Series 1000 E-Z Flange
6. EBAA Series 1100DEC Megalug Mechanical Joint Restraint
7. EBAA Series 1500 Split Restraint Harness For C-900 Pipe Bells And Spigot (4"-12")
8. EBAA Series 1600 Split Restraint Harness For C-900 Pipe Bells And Spigot (4"-12")
9. EBAA Series 1700 Megalug Restraint Harness for Ductile Iron Bells
10. EBAA Series 2000PEC Mechanical Joint Restraint
11. Transition Gaskets (Asbestos Cement to Cast Iron)
12. Mechanical Joint Gaskets (For Ductile Iron Pipe)
13. Pipe Lubricant
14. TX3 Extended Range Transition Coupling

Contract Terms:

This is a one (1) year contract for supply of couplings, restraining devices, and the related gaskets for the Department of Water and Sewer, and all Jefferson Parish agencies and municipalities.

Warranty:

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

General Specifications:

This specification is prepared for a one (1) year contract for a supply of couplings, restraining devices and related gaskets for the Parish of Jefferson, Department of Water and Sewerage, East and West Banks.

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

Bid 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.

All pertinent technical specifications and literature may be required upon request. Should technical specifications and literature be requested, bidder(s) will be required to submit said technical specifications and literature within ten (10) days of the request.

Technical Specifications:

1. Steel Body Transition Couplings 2"-24" (Non-Restrained):

Coupling shall accommodate pipe offset up to 7/16", pipe deflection up to 8 degrees, and pipe gaps up to 7.5.

Coupling shall join pipes with difference diameters up to 1.30" (2.10" in the 16" size).

Coupling shall be of the long pattern design and meet or exceed AWWA C-219 and be NSF 61 approved.

Couplings shall have a working pressure of 260 PSI with a maximum test pressure of 390 PSI with a 1.5:1 safety factor.

- **Material:**

Transition couplings shall have a lightweight middle ring that is properly flanged with confined steel followers. Transition coupling shall have an epoxy coating of 10-12 mils in thickness.

- **Follower Track (Spanners):**

Follower track (spanners) shall be type 304 stainless steel with two (2) type 304 stainless steel carriage-type, compression bolts and nuts with corresponding stainless-steel retainers (one at each end) located on the top of the coupling. Nuts shall be coated to prevent galling.

- **Gaskets:**

Gaskets shall be wide range, multi-layered EDPM peel-off hydraulically pressure assisted, superior dual seal gaskets (seals mechanically and hydraulically) for permanently sealed joints.

- **Assembly:**

Coupling shall be totally assembled as in integral unit having stab-on feature, with bolts staved to prevent disassembly and required no disassembly during installation.

Coupling shall be "Hymax" or approved equal.

2. Ductile Iron Body Transition Couplings 4"-12" (Non-Restrained):

Coupling shall accommodate pipe deflection up to 8 degrees (4 degrees on each end).

Coupling shall have an extended range up to 1.25".

Coupling coating shall be center ring fusion bonded epoxy in accordance with AWWA C213 and NSF 61 certified. End rings shall be e-coated epoxy.

Couplings shall have a working pressure of 260 PSI.

- **Material:**

Transition coupling components (end rings, center ring, and bolt guides) shall be ductile iron, meeting or exceeding the requirements of ASTM A536, Grade 65-45-12.

- **Follower Track (Spanners):**

Follower track (spanners) shall be type 304 stainless steel with two (2) type 304 stainless steel carriage-type, compression bolts and nuts with corresponding stainless-steel retainers (one at each end) located on the top of the coupling. Nuts shall be coated to prevent galling.

- **Gaskets:**

Gaskets shall be formed from virgin nitrile butadiene rubber (NBR) compounded for water and sewer service in accordance with ASTM D2000.

- **Assembly:**

Coupling shall be totally assembled as in integral. End rings shall be segmented and joined with an integrated hinge.

Coupling shall be Macro™ by Romac or an approved equal.

3. Flanged Coupling Adapters (Non-Restrained):

Adapter shall meet or exceed AWWA c-219 and be NSF 61 approved, but shall have one compression end with one nut and bolt, and one flanged end which complies with AWWA C-207-94 or ANSI B16-5.

Please note that the 2" flanged coupling adapter shall be available in 2" oval meter flanged size.

Flanged coupling adapter shall be "Hymax Flanged Adapter" or an approved equal.

Note to Vendor:

The coating system for all restraining devices shall be mega bond by EBAA Iron, Inc. or an approved (factory applied, fusion bonded epoxy) equal.

4. **Flange Coupling Adapters (Restrained) (Ductile/Cast Iron Pipe, 3"-60"; Steel Pipe, 3"-12"):**

Pipe Material	DR Rating	Sizes Available
IPS OD PVC Pipe	All SDR's	3"-12"
C-900	14	4"-12"
C-900	18	4"-20"
C-900	25	4"-24"
C-900	32.5	14"-24"

For PVC pipe, the flange adapter shall have a pressure rating equal to the pipe.

For ductile iron pipe, the flange adapter shall have a safety factor of 2:1 minimum.

The flange adapter shall be UL listed 3"-12" for above and below ground use on schedule 40 steel pipes, and below-ground on all classes of listed ductile iron pipe.

The flange adapter shall be FM approved for use on C-900 Class 150 (DR-18) and class 200 (DR-14 PVC pipe, 4"-12", and on all classes of listed ductile iron pipe, and for above ground flanged pipe systems (treatment plants, pumping stations, or underground).

- **Restrained Gland and Gasket Ring:**

The flange adapter restrained gland and gasket ring shall be made of grade 60-42-12 ductile iron, which exceeds the minimum requirements of ASTM A-536-84, and shall have flange bolts circles that are compatible with ANSI/AWWA C-115/1-21.15. The flange adapter gasket ring shall be fusion-bonded epoxy coated inside and out.

- **Flange Adapter Restraint Ring:**

The flange adapter restraint ring shall consist of a plurality of individual actuated gripping wedges to maximize restraint capability. Torque-limiting actuated screws shall be used to ensure proper initial set of the gripping wedges.

- **Assembly:**

The flange adapter shall be capable of deflecting during assembly, or permit lengths of pipe to be field cut to allow a minimum of 0.6" of gap through 2.0" of gap (depending on pipe diameter) between the end of the pipe and the mating flange without affecting the integrity of the seal.

- **Nuts and Bolts:**

The flange adapters shall be furnished with type Xylan or Teflon coated machined bolts and nuts.

Flange adapter shall be EBAA Series 2100 "Megaflange" adapter, or an approved equal.

5. **EBAA Series 1000 E-Z Flange:**

The flange adapter shall be used in lieu of threaded or welded flanges on plain end ductile iron and steel pipe.

These flanges shall be cast from 60-42-10 ductile iron per ASTM A536 and shall have bolt circles and bolt holes to meet ANSI/AWWA C100/A21.10.

These flanges shall contain set screws made from ductile iron which have a Rockwell hardness of C40-45 converted from Brinnell.

Flange adapters shall be as manufactured by EBAA Iron, Inc. or an approved equal.

6. **Series 1100DEC Megalug Mechanical Joint Restraint:**

The wedges shall be ductile iron heat treated to a minimum hardness of 370 BHN. Dimensions of the gland shall be such that it can replace the standardized mechanical joint gland, and can be used with the standardized mechanical joint bell conforming to ANSI/AWWA C111/a21.11 and ANSI/AWWA C153/A.21.53 of the latest revision.

The mechanical joint restraint shall be available in the 3" through 48" sizes. They shall have a rated working pressure of 350 PSI in sizes 16" and smaller and 250 PSI in sizes 18" through 48" with 2 to 1 minimum safety factor. The devices shall be listed by Underwriter's Laboratories up through 24" size and approved by factory mutual up through 12" size.

All restraints shall be packaged. The package is to include the gland, EBAA-seal improved mechanical joint gasket and adequate lubricate for gasket lubrication, necessary quantity, size and length of t-bolts and nuts made from a low-alloy steel conforming to AWWA C-111 and be blue flora polymer coated equal to xylon coating.

The EBAA-seal gasket shall deflect 30% during assembly of the mechanical joint, improving sealing capabilities and shall meet in design and material, ANSI/AWWA C110/A21.10, C111/A21.11 or C153/A21.53, section 11-6.4 or latest revision.

The restraint shall be the series 110DEC Megalug restraint produced by EBAA Iron, Inc. or approved equal.

- **Mechanical Joint Restraint for Ductile Iron Pipe:**

Mechanical joint restraint for ductile iron pipe shall be incorporated into the design of the follower gland. The restraining mechanism shall consist of a plurality of individual actuated wedges that increase their resistance to pullout as internal pressure or external forces increase; the device shall be capable of full mechanism joint deflection during assembly and the flexibility of the joint shall be maintained after burial. The joint restraint ring and its wedging components shall be made of grade 60-42-12 ductile iron, which exceeds minimum requirements of ASTM A536-84.

- **Flange Adapter Restraint Ring:**
The flange adapter restraint ring shall consist of a plurality of individual actuated gripping wedges to maximize restraint capability. Torque-limiting actuated screws shall be used to ensure proper initial set of the gripping wedges.
 - **Assembly:**
The flange adapter shall be capable of deflecting during assembly, or permit lengths of pipe to be field cut to allow a minimum of 0.6" of gap through 2.0" of gap (depending on pipe diameter) between the end of the pipe and the mating flange without affecting the integrity of the seal.
 - **Nuts and Bolts:**
The flange adapters shall be furnished with type Xylan or Teflon coated machined bolts and nuts.
7. **Series 1500 Split Restraint Harness For C-900 Pipe Bells and Spigot (4"-12"):**
All rings and components shall be made of grade 60-42-12 ductile iron, which exceeds minimum requirements of ASTM A536. A split ring shall be utilized behind the pipe bell. A split serrated ring shall be utilized to grip the pipe.
- **Tie Bolts:**
A sufficient quantity, size and length of tie bolts which shall be made from a low-alloy steel conforming to AWWA C111. Tie bolts shall be used to connect the bell ring and gripping ring.
 - **Side Bolts:**
The side bolts shall be grade 5 machine bolts and be blue flora polymer coated equal to xylon coating.
 - **Harness Restraint Device:**
The harness restraint device shall have a minimum working pressure rating of 150 psi, and be tested with a minimum of 4 to 1 safety factor. All sizes shall be FM approved for class 150 (DR 18) PVC pipe. All sizes rated to 200 PSI class 200 (DR 14) PVC pipe shall have a 3 to 1 safety factor, and shall be EBAA Series 1500 or an approved equal.
8. **Series 1600 Split Restraint Harness For C-900 Pipe Bells And Spigot (4"-12"):**
All rings and components shall be made of grade 60-42-12 ductile iron, which exceeds minimum requirements of ASTM A536. A split ring shall be utilized behind the pipe bell. A split serrated ring shall be utilized to grip the pipe.
- **Tie Bolts:**
A sufficient quantity, size and length of tie bolts which shall be made from a low-alloy steel conforming to AWWA C111. Tie bolts shall be used to connect the bell ring and gripping ring.

- **Side Bolts:**

The side bolts shall be grade 5 machine bolts and be blue flora polymer coated equal to xylon coating.

- **Harness Restraint Device:**

The harness restraint device shall have a minimum working pressure rating of 150 PSI, and be tested with a minimum of 4 to 1 safety factor. All sizes shall be FM approved for class 150 (DR 18) PVC pipe. All sizes rated to 200 PSI class 200 (DR 14) PVC pipe shall have a 3 to 1 safety factor, and shall be EBAA series 1600 or an approved equal.

9. **Series 1700 Megalug Restraint Harness for Ductile Iron Bells:**

Ductile iron pipe bell restraint shall consist of a wedge action restraint ring on the spigot and joined to a ductile iron pipe follower gland behind the bell. The restraint ring shall have individually-actuated wedges that increase their resistance to pull out as pressure or external forces increases.

- **Restraint Ring and Wedging Components:**

The restraint ring and its wedging components shall be made of ductile iron grade 60-42-12, which exceeds minimum requirements of ASTM A536.

- **Wedges:**

The wedges shall be heat-treated to a minimum hardness of 370 BHN. Torque limiting twist off nuts shall be used to ensure proper actuation of the restraining wedges.

- **Follower Gland:**

The follower gland shall be made of the same grade ductile iron as previously mentioned. The connecting tie rods that join the two rings shall be of low alloy steel, which conforms to ANSI/AWWA C111/A21.11.

- **Assembly:**

The assembly shall have a rated pressure with a minimum 2:1 safety factor for 350 PSI in sizes 16" and below, and 250 psi in sizes 18" through 36".

- **Harness:**

Harness shall be series 1700 Megalug restraint harness manufacture by EBAA Iron, or an approved equal.

- **Nuts and Bolts:**

The flange adapters shall be furnished with type Xylan or Teflon coated machined bolts and nuts.

10. Series 2000 PEC Mechanical Joint Restraint:

The mechanical joint restraint shall be available in 3" through 36" sizes. The restraining joint gland shall have a pressure rating and safety factor equal to that of the pipe on which it is used.

Mechanical joint restraint for PVC pipe shall be incorporated into the design of the follower gland. The restraint mechanism shall consist of a plurality of individually-actuated gripping wedges that increases their resistance to pullout as internal pressure or external forces increase. This evenly distributes the thrust forces around the circumference of the pipe, and is for use on all sizes of IPS diameter PVC pipe in 3" through 12" sizes, and all sizes of AWWA C-900 and C-905 pipe (4" through 36"). The device shall be capable of full mechanical joint deflection during assembly and flexibility of the joint shall be maintained after burial. The joint restraint ring and its wedging components shall be made of grade 60-42-12 ductile iron, which exceeds minimum requirements of ASTM A536.

Dimensions of the gland shall be such that it replaces the standardized mechanical joint gland and can be used with the standardized mechanical joint bell conforming to ANSI/AWWA C111/A21.11 and ANSI/AWWA C153/A21.53 of latest revision. Torque limiting twist off nuts shall be used to insure proper actuating of restraining wedges.

- **Restraining Gland:**

The restraining glands shall have been tested to ASTM F1674, and all sizes shall be rated at the full pressure capacity of the pipe. The mechanical joint restraint shall be listed by Underwriter's Laboratories, and approved by factory mutual (4"-12").

- **Packaging:**

All restraints shall be packaged. The package is to include gland, EBAA-seal(tm) improved mechanical joint gasket with adequate lubricant for gasket, necessary quantity, size and length of t-bolts and nuts made from a low-alloy steel conforming to AWWA C111 and be blue flora polymer coated equal to xylon coating.

- **EBAA-Seal™ Gasket:**

The EBAA-Seal™ gasket shall deflect 30% during assembly of the mechanical joint improving sealing capabilities and shall meet in design and material the ANSI/AWWA C110/A21.10, C111/A21.11, or C153/A21.53, section 11-6.4 or latest revision.

The restraint shall be the series 2000 PEC Megalug restraint produced by EBAA Iron, Inc. or approved equal.

11. Transition Gaskets (Asbestos Cement to Cast Iron):

Transition gaskets shall go from asbestos cement (ac) size down to cast iron size to be used on potable water and sewer lines, made from virgin SBR rubber material for use in salty and acidic soils with a temperature range of -65 degrees to 180 degrees Fahrenheit. Transition gaskets shall conform to the latest revision of ASTM D2000 3 BA715 to work with class 100, 150, and 200 machined "AC" pipe and ductile iron pipe Class 53.

Transition gaskets shall be manufactured by Romac Industries or an approved equal.

12. Mechanical Joint Gaskets (For Ductile Iron Pipe):

Mechanical joint gaskets for ductile iron pipe shall be used on potable water and sewer lines. Virgin SBR rubber material for the use in salty and acidic soils with a temperature range of -40 degrees to 150 degrees Fahrenheit, meet or exceed ASTM D2000 3 BA715, and to fit ANSI/AWWA A21.11/C111 and ANSI/AWWA A21.53/C153 latest revision standard, 250 PSI working pressure.

13. Pipe Lubricant:

Pipe lubricant shall be used for potable and waste water applications. Pipe lubricant shall be non-toxic, odorless, tasteless, and not be able to support bacterial growth. Lubricant shall come in one quart containers and be used to assemble "push-on" pipe and fittings.

14. TX3 Extended Range Transition Coupling 2''-12'' Diameters:

Coupling shall accommodate pipe deflection up to 4 degrees per end.

Coupling shall have an extended range up to 1.3".

Coupling coating shall be in accordance with AWWA C213

Couplings shall have a working pressure up to 275 PSIG.

- **Material:** Transition couplings shall have a lightweight middle ring – Carbon Steel (ASTM A53 Grade A or A795 Carbon Steel) and End Ring- ASTM A283 Grade D. Transition coupling shall have an epoxy top coating of 12-15 mils in thickness.
- **Follower Track (Spanners):** Follower track (spanners) shall be ASTM A193 Grade, 18-8 type 304 stainless. Nuts, bolts, and washers shall be coated to prevent galling.
- **Gaskets:** Gaskets shall be wide range, dual-layer adjustable and formed from virgin nitrile butadiene rubber (NBR) compounded for water and sewer service in accordance with ASTM A240 type 304 stainless Steel.
- **Assembly:** Coupling shall be totally assembled as in integral unit having stab-on feature, no disassembly required. Tighten from the Top and eliminate Under-dig.

Coupling shall meet and exceed applicable section of AWWA C219.

DATE: 10/23/2024
BID NO.: 50-00146604

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

JEFFERSON PARISH

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

PURCHASING SPECIALIST:
RUBY.TRAN@jeffparish.gov

BIDS WILL BE RECEIVED ONLINE VIA WWW.JEFFPARISHBIDS.NET UNTIL 2:00 PM, 11/07/2024 AND PUBLICLY OPENED THEREAFTER IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053. At no charge, bidders are to 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

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION. HOWEVER, ELECTRONIC SIGNATURES AS DEFINED IN LSA - R.S. 9:2620(8) ARE ACCEPTABLE. SIGNATURE MUST BE A SECURED DIGITAL SIGNATURE AND MUST PROVIDE PROOF OF THE SECURED SIGNATURE WITH BID SUBMISSION.

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. 136353 and/or Resolution No. 141125 as amended.

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

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 Purchasing Specialist'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://WWW.JEFFPARISH.GOV/464/PURCHASING](http://WWW.JEFFPARISH.GOV/464/PURCHASING)

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge any 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://www.jeffparish.gov/464/Purchasing> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://www.jeffparish.gov/464/Purchasing> 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 local taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

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).

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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.

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 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://www.jeffparish.gov/464/Purchasing>.

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. 136353 or 141125 as amended. 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://www.jeffparish.gov/464/Purchasing> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

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

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(l), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department Building Permits. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Building Permits. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable municipality, 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.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid electronic envelope. Failure to comply will cause the bid to be rejected. When submitting the bid electronically, the license number must be entered in the appropriate field in the electronic procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precaution must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Any deviation from the Standard Insurance Requirements must be requested in writing prior to bid opening. Written approval for any deviation, must be submitted with your bid submission. Failure to comply with this instruction will result in bid rejection.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. All sureties must be in original format (no copies) When submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

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 as per the appendix instructions. Failure to submit applicable certifications per the appendix instructions will result in bid rejection.

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

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to 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.

BID FORM
Non Public Works

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

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

Are you requesting an escalation provision?

YES _____ NO ☒

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____%

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

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

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

STOCK - 20 WEEKS ARO

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

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: CIMSCO, INC.

ADDRESS: 1840 L&A RD.

CITY, STATE: METAIRIE, LA ZIP: 70001

TELEPHONE: () 504-835-7319 FAX: () 504-832-0820

EMAIL ADDRESS: HUNTER@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 by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 499,447.44

AUTHORIZED
SIGNATURE: 

HUNTER BURGESS

Printed Name

TITLE: SALESMAN

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

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

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00146604

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			ONE (1) YEAR CONTRACT FOR A SUPPLY OF COUPLINGS, RESTRAINING DEVICES, AND RELATED GASKETS FOR THE DEPARTMENT OF PUBLIC WORKS AND ALL JEFFERSON PARISH AGENCIES AND MUNICIPALITIES		
1	2.00	EA	0010 - 3 INCH FLANGE RESTRAINER PART # 1003 (38418)	\$ 18.00	\$ 36.00
2	4.00	EA	0020 - 4 INCH FLANGE RESTRAINER PART # 1004 (38417)	\$ 34.00	\$ 136.00
3	2.00	EA	0030 - 6 INCH FLANGE RESTRAINER PART # 1006 (38415)	\$ 37.00	\$ 74.00
4	5.00	EA	0040 - 8 INCH FLANGE RESTRAINER PART # 1008 (38416)	\$ 56.00	\$ 280.00
5	2.00	EA	0050 - 10 INCH FLANGE RESTRAINER PART #1010 (38419)	\$ 75.00	\$ 150.00
6	2.00	EA	0060 - 12 INCH FLANGE RESTRAINER PART # 1010 (38411)	\$ 94.00	\$ 188.00
7	2.00	EA	0070 - 14 INCH FLANGE RESTRAINER PART # 1014 (338412)	\$ 221.00	\$ 442.00
8	2.00	EA	0080 - 16 INCH FLANGE RESTRAINER PART # 1016 (38413)	\$ 261.00	\$ 522.00
9	2.00	EA	0090 - 18 INCH FLANGE RESTRAINER PART # 1018 (38424)	\$ 257.00	\$ 514.00
10	2.00	EA	0100 - 20 INCH FLANGE RESTRAINER PART # 1020 (38420)	\$ 323.00	\$ 646.00
11	2.00	EA	0110 - 24 INCH FLANGE RESTRAINER PART # 1024 (38414)	\$ 448.00	\$ 896.00
12	2.00	EA	0120 - 4 INCH BELL RESTRAINT HARNESS C900 SPLIT SERRATED RING	\$ 62.00	\$ 124.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00146604

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			PART # 1504 (51240)		
13	2.00	EA	0130 - 6 INCH BELL RESTRAINT HARNESS C900 SPLIT SERRATED RING	\$ 74.00	\$ 148.00
			PART # 1506 (51241)		
14	2.00	EA	0140 - 8 INCH BELL RESTRAINT HARNESS C900 SPLIT SERRATED RING	\$ 105.00	\$ 210.00
			PART # 1508 (51242)		
15	2.00	EA	0150 - 4 INCH BELL RESTRAINT HARNESS C900 SERRATED & NON-SERRATED RING	\$ 64.00	\$ 128.00
			PART #1604		
16	2.00	EA	0160 - 6 INCH BELL RESTRAINT HARNESS C900 SERRATED & NON-SERRATED RING	\$ 81.00	\$ 162.00
			PART #1606 (51241A)		
17	2.00	EA	0170 - 8 INCH BELL RESTRAINT HARNESS C900 SERRATED & NON-SERRATED RING	\$ 104.00	\$ 208.00
			PART #1608 (51242A)		
18	2.00	EA	0180 - 10 INCH BELL RESTRAINT HARNESS C900 SERRATED & NON-SERRATED RING	\$ 179.00	\$ 358.00
			PART # 1610 (51243)		
19	2.00	EA	0190 - 4 INCH BELL RESTRAINT HARNESS D.I. PART #1704	\$ 86.00	\$ 172.00
20	2.00	EA	0200 - 6 INCH BELL RESTRAINT HARNESS D.I. PART # 1706	\$ 120.00	\$ 240.00
21	1.00	EA	0210 - 8 INCH BELL RESTRAINT HARNESS D.I. PART # 1708	\$ 162.00	\$ 162.00
22	2.00	EA	0220 - 10 INCH BELL RESTRAINT HARNESS D.I. PART # 1710 (51254)	\$ 198.00	\$ 396.00
23	2.00	EA	0230 - 12 INCH BELL RESTRAINT HARNESS D.I. PART # 1712	\$ 239.00	\$ 478.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00146604

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
24	2.00	EA	0240 - 14 INCH BELL RESTRAINT HARNESS D.I. PART # 1714	\$ 318.00	\$ 636.00
25	2.00	EA	0250 - 16 INCH BELL RESTRAINT HARNESS D.I. PART # 1716 (51253	\$ 405.00	\$ 810.00
26	2.00	EA	0260 - 18 INCH BELL RESTRAINT HARNESS D.I. PART #1718	\$ 465.00	\$ 930.00
27	2.00	EA	0270 - 20 INCH BELL RESTRAINT HARNESS D.I. PART #1720	\$ 650.00	\$ 1300.00
28	2.00	EA	0280 - 24 INCH BELL RESTRAINT HARNESS D.I. PART #1724	\$ 745.00	\$ 1490.00
29	2.00	EA	0290 - 30 INCH BELL RESTRAINT HARNESS D.I. PART # 1730	\$ 1760.00	\$ 3520.00
30	2.00	EA	0300 - 36 INCH BELL RESTRAINT HARNESS D.I. PART #1736	\$ 1676.00	\$ 3352.00
31	2.00	EA	0310 - 1.5 INCH FLANGE COUPLING ADAPTER EPOXY COATED; PART #2100-0213-260 (17980)	\$ 157.00	\$ 314.00
32	2.00	EA	0320 - 2 INCH FLANGE COUPLING ADAPTER EPOXY COATED; PART #2100-0303-260 (17981)	\$ 161.00	\$ 322.00
33	2.00	EA	0330 - 3 INCH FLANGE COUPLING ADAPTER EPOXY COATED; PART #2100-0433-260 (17982)	\$ 216.00	\$ 432.00
34	24.00	EA	0340 - 4 INCH FLANGE COUPLING ADAPTER EPOXY COATED; PART #2100-0563-260 (17984)	\$ 252.00	\$ 6048.00
35	14.00	EA	0350 - 6 INCH FLANGE COUPLING ADAPTER EPOXY COATED; PART #2100-0768-260	\$ 321.00	\$ 4494.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00146604

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			(17985)		
36	16.00	EA	0360 - 8 INCH FLANGE COUPLING ADAPTER EPOXY COATED; PART # 2100-0984-260	\$ 439.00	\$ 7024.00
			(17986)		
37	2.00	EA	0370 - 10 INCH FLANGE COUPLING ADAPTER EPOXY COATED, PART #2100-1226-260	\$ 596.00	\$ 1192.00
			(17988)		
38	2.00	EA	0380 - 12 INCH FLANGE COUPLING ADAPTER EPOXY COATED, PART #2100-1355-260	\$ 809.00	\$ 1618.00
			(17989)		
39	2.00	EA	0390 - 12 INCH FLANGE COUPLING ADAPTER EPOXY COATED; PART # 2100-1441-260	\$ 809.00	\$ 1618.00
			(17990)		
40	2.00	EA	0400 - 3 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART # 2103 (17999A)	\$ 100.00	\$ 200.00
41	2.00	EA	0410 - 4 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART # 2104 (18000A)	\$ 130.00	\$ 260.00
42	2.00	EA	0420 - 6 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART #2106 (18001A)	\$ 195.00	\$ 390.00
43	2.00	EA	0430 - 8 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART #2106 (18002A)	\$ 280.00	\$ 560.00
44	2.00	EA	0440 - 10 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART # 2110 (18003A)	\$ 385.00	\$ 770.00
45	2.00	EA	0450 - 12 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART #211 (18004A)	\$ 470.00	\$ 940.00
46	2.00	EA	0460 - 14 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART #2114 (18005A)	\$ 720.00	\$ 1440.00
47	2.00	EA	0470 - 16 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART #2116 (18006A)	\$ 1500.00	\$ 3000.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00146604

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
48	2.00	EA	0480 - 18 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART #2118 (18015A)	\$ 1202.00	\$ 2404.00
49	2.00	EA	0490 - 20 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART #2120 (18016A)	\$ 1800.00	\$ 3600.00
50	2.00	EA	0500 - 24 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART #2124 (18017A)	\$ 2000.00	\$ 4000.00
51	2.00	EA	0510 - 30 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART #2130 (18018A)	\$ 2300.00	\$ 4600.00
52	2.00	EA	0520 - 36 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART #2136 (18019A)	\$ 5200.00	\$ 10,400.00
53	2.00	EA	0530 - 42 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART #2142 (18014A)	\$ 11,300.00	\$ 22,600.00
54	2.00	EA	0540 - 48 INCH FLANGE COUPLING ADAPTER TEFLON COATED; PART #2148 (18013A)	\$ 13,800.00	\$ 27,600.00
55	36.00	EA	0550 - 1.5 INCH TRANSITION COUPLING PART #2000-0213-260 (18019)	\$ 130.00	\$ 4680.00
56	126.00	EA	0560 - 2 INCH TRANSITION COUPLING PART # 2000-0303-260 (18020)	\$ 169.00	\$ 21,294.00
57	48.00	EA	0570 - 4 INCH TRANSITION COUPLING PART #2000-0563-260 (18031)	\$ 193.00	\$ 9264.00
58	250.00	EA	0580 - 6 INCH TRANSITION COUPLING PART # 2000-0768-260 (18041)	\$ 245.00	\$ 61,250.00
59	340.00	EA	0590 - 8 INCH TRANSITION COUPLING PART #2000-0984-260 (18151)	\$ 283.00	\$ 96,220.00
60	30.00	EA	0600 - 10 INCH TRANSITION COUPLING PART #2000-1226-260 (18079)	\$ 388.00	\$ 11,640.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00146604

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
61	40.00	EA	0610 - 12 INCH TRANSITION COUPLING PART # 2000-1441-260 (18155)	\$ 521.00	\$ 20,840.00
62	2.00	EA	0620 - 14 INCH TRANSITION COUPLING PART #2000-1710-260 (18297A)	\$ 1500.00	\$ 3000.00
63	2.00	EA	0630 - 16 INCH TRANSITION COUPLING PART #2000-1920-260 (18299)	\$ 1350.00	\$ 2700.00
64	2.00	EA	0640 - 18 INCH TRANSITION COUPLING PART #2000-2160-260 (18300)	\$ 1400.00	\$ 2800.00
65	2.00	EA	0650 - 20 INCH TRANSITION COUPLING PART #2000-2360-260 (18308)	\$ 1751.00	\$ 3502.00
66	2.00	EA	0660 - 3 INCH JOINT RESTRAINER (D.I.) PART # 1103 DEC (51799)	\$ 35.00	\$ 70.00
67	6.00	EA	0670 - 4 INCH JOINT RESTRAINER (D.I.) PART # 1104 DEC (51800)	\$ 45.00	\$ 270.00
68	24.00	EA	0680 - 6 INCH JOINT RESTRAINER (D.I.) PART # 1106 DEC (51801)	\$ 58.00	\$ 1392.00
69	10.00	EA	0690 - 8 INCH JOINT RESTRAINER (D.I.) PART # 1108 DEC (51802)	\$ 70.00	\$ 700.00
70	2.00	EA	0700 - 10 INCH JOINT RESTRAINER (D.I.) PART # 1110 DEC (51803)	\$ 100.00	\$ 200.00
71	1.00	EA	0710 - 12 INCH JOINT RESTRAINER (D.I.) PART # 1112 DEC (51804)	\$ 200.00	\$ 200.00
72	2.00	EA	0720 - 14 INCH JOINT RESTRAINER (D.I.) PART # 1114 DEC (51805)	\$ 180.00	\$ 360.00
73	2.00	EA	0730 - 16 INCH JOINT RESTRAINER (D.I.) PART # 1116 DEC (51806)	\$ 230.00	\$ 460.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00146604

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
74	2.00	EA	0740 - 18 INCH JOINT RESTRAINER (D.I.) PART # 1118 DEC (51807)	\$ 300.00	\$ 600.00
75	6.00	EA	0750 - 20 INCH JOINT RESTRAINER (D.I.) PART # 1120 DEC (51808)	\$ 340.00	\$ 2040.00
76	2.00	EA	0760 - 24 INCH JOINT RESTRAINER (D.I.) PART # 1124 DEC (51809)	\$ 420.00	\$ 840.00
77	1.00	EA	0770 - 30 INCH JOINT RESTRAINER (D.I.) PART # 1130 DEC (51810)	\$ 950.00	\$ 950.00
78	1.00	EA	0780 - 36 INCH JOINT RESTRAINER (D.I.) PART # 1136 DEC (51811)	\$ 1400.00	\$ 1400.00
79	2.00	EA	0790 - 42 INCH JOINT RESTRAINER (D.I.) PART # 1142 DEC (51812)	\$ 2100.00	\$ 4200.00
80	2.00	EA	0800 - 48 INCH JOINT RESTRAINER (D.I.) PART # 1148 DEC (51813)	\$ 2500.00	\$ 5000.00
81	2.00	EA	0810 - 3 INCH JOINT RESTRAINER (C900) PART # 2003PEC (51819)	\$ 52.00	\$ 104.00
82	120.00	EA	0820 - 4 INCH JOINT RESTRAINER (C900) PART # 2004PEC (51820)	\$ 46.00	\$ 5520.00
83	300.00	EA	0830 - 6 INCH JOINT RESTRAINER (C900) PART # 2006PEC (51821)	\$ 59.00	\$ 17,700.00
84	200.00	EA	0840 - 8 INCH JOINT RESTRAINER (C900) PART #2008PEC (51822)	\$ 86.00	\$ 17,200.00
85	2.00	EA	0850 - 10 INCH JOINT RESTRAINER (C900) PART # 2010PEC (51823)	\$ 134.00	\$ 268.00
86	60.00	EA	0860 - 12 INCH JOINT RESTRAINER (C900) PART # 2012PEC (51824)	\$ 149.00	\$ 8940.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00146604

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
87	2.00	EA	0870 - 14 INCH JOINT RESTRAINER (C900) PART # 2014PEC (51825)	\$ 195.00	\$ 390.00
88	2.00	EA	0880 - 16 INCH JOINT RESTRAINER (C900) PART # 2016PEC (51826)	\$ 240.00	\$ 480.00
89	2.00	EA	0890 - 18 INCH JOINT RESTRAINER (C900) PART # 2018PEC 51827)	\$ 280.00	\$ 560.00
90	2.00	EA	0900 - 20 INCH JOINT RESTRAINER (C900) PART # 2020PEC (51828)	\$ 320.00	\$ 640.00
91	4.00	EA	0910 - 24 INCH JOINT RESTRAINER (C900) PART # 2024PEC (51829)	\$ 525.00	\$ 2100.00
92	1.00	EA	0920 - 30 INCH JOINT RESTRAINER (C900) PART # 2030PEC (51830)	\$ 850.00	\$ 850.00
93	1.00	EA	0930 - 36 INCH JOINT RESTRAINER (C900) PART # 2036PEC (51831)	\$ 1300.00	\$ 1300.00
94	8.00	EA	0940 - PIPE SIZE 6 INCH TRANSITION GASKET NOM (51132)	\$ 6.52	\$ 52.16
95	8.00	EA	0950 - PIPE SIZE 8 INCH TRANSITION GASKET NOM (51133)	\$ 10.20	\$ 81.60
96	2.00	EA	0960 - PIPE SIZE 10 INCH TRANSITION GASKET NOM (51134)	\$ 11.58	\$ 23.16
97	2.00	EA	0970 - PIPE SIZE 12 INCH TRANSITION GASKET NOM (51135)	\$ 12.50	\$ 25.00
98	2.00	EA	0980 - PIPE SIZE 3 INCH MECHANICAL JOINT GASKET; NOM: O.D. 4.875 INCH (51220)	\$ 6.52	\$ 13.04

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00146604

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
99	2.00	EA	0990 - PIPE SIZE 4 INCH MECHANICAL JOINT GASKET; NOM: O.D. 4.80 INCH (51221)	\$ 6.52	\$ 13.04
100	60.00	EA	1000 - PIPE SIZE 6 INCH MECHANICAL JOINT GASKET; NOM: O.D. 6.90 INCH (51222)	\$ 6.52	\$ 391.20
101	6.00	EA	1010 - PIPE SIZE 8 INCH MECHANICAL JOINT GASKET; NOM: O.D. 9.05 INCH (51223)	\$ 6.98	\$ 41.88
102	2.00	EA	1020 - PIPE SIZE 10 INCH MECHANICAL JOINT GASKET; NOM: O.D. 11.10 INCH (51224)	\$ 9.28	\$ 18.56
103	2.00	EA	1030 - PIPE SIZE 12 INCH MECHANICAL JOINT GASKET; NOM: O.D. 13.20 INCH (51225)	\$ 10.20	\$ 20.40
104	2.00	EA	1040 - PIPE SIZE 14 INCH MECHANICAL JOINT GASKET; NOM: O.D. 15.30 INCH (51226)	\$ 16.64	\$ 33.28
105	2.00	EA	1050 - PIPE SIZE 16 INCH MECHANICAL JOINT GASKET; NOM: O.D. 17.40 INCH (51227)	\$ 16.64	\$ 36.04
106	2.00	EA	1060 - PIPE SIZE 18 INCH MECHANICAL JOINT GASKET; NOM: O.D. 19.50 INCH (51228)	\$ 18.02	\$ 36.04
107	2.00	EA	1070 - PIPE SIZE 20 INCH MECHANICAL JOINT GASKET; NOM: O.D. 21.60 INCH (51229)	\$ 19.40	\$ 38.80
108	2.00	EA	1080 - PIPE SIZE 24 INCH MECHANICAL JOINT GASKET; NOM: O.D. 25.80 INCH (51230)	\$ 24.00	\$ 48.00
109	2.00	EA	1090 - PIPE SIZE 30 INCH MECHANICAL JOINT GASKET; NOM:	\$ 55.00	\$ 110.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00146604

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
110	2.00	EA	O.D. 32.00 INCH (51231) 1100 - PIPE SIZE 36 INCH MECHANICAL JOINT GASKET; NOM:	\$ 65.00	\$ 130.00
111	2.00	EA	O.D. 38.30 INCH (51232) 1110 - PIPE SIZE 42 INCH MECHANICAL JOINT GASKET; NOM:	\$ 130.00	\$ 260.00
112	2.00	EA	O.D. 44.50 INCH (51233) 1120 - PIPE SIZE 48 INCH MECHANICAL JOINT GASKET; NOM:	\$ 140.00	\$ 280.00
113	24.00	EA	O.D. 50.80 INCH (51234) 1130 - PIPE LUBRICANT (50180) (12 QUARTS PER CASE)	\$ 16.00	\$ 384.00
114	2.00	EA	1140 - 4 INCH DUCTILE IRON BODY TRANSITIONAL COUPLINGS 4-12 INCHES (NON-RESTRAINED)	\$ 280.00	\$ 560.00
115	2.00	EA	1150 - 6 INCH DUCTILE IRON BODY TRANSITIONAL COUPLINGS 4-12 INCHES (NON-RESTRAINED)	\$ 370.00	\$ 740.00
116	2.00	EA	1160 - 8 INCH DUCTILE IRON BODY TRANSITIONAL COUPLINGS 4-12 INCHES (NON-RESTRAINED)	\$ 419.00	\$ 838.00
117	2.00	EA	1170 - 10 INCH DUCTILE IRON BODY TRANSITIONAL COUPLINGS 4-12 INCHES (NON-RESTRAINED)	\$ 433.00	\$ 866.00
118	2.00	EA	1180 - 12 INCH DUCTILE IRON BODY TRANSITIONAL COUPLINGS 4-12 INCHES (NON-RESTRAINED)	\$ 590.00	\$ 1180.00
119	24.00	EA	1190 - 14 INCH X 12 INCH REDUCING COUPLING HYMAX #861560315035316 (18156) LARGE O.D. RANGE 13.90-16.00	\$ 2140.00	\$ 51,360.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00146604

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			SMALL O.D. RANGE 12.40-13.66		
120	2.00	EA	1200 - 2 " EXTENDED RANGE TRANSITION COUPLING	\$ 125.00	\$ 250.00
121	2.00	EA	1210 - 3" EXTENDED RANGE TRANSITION COUPLING	\$ 166.00	\$ 332.00
122	2.00	EA	1220 - 4" EXTENDED RANGE TRANSITION COUPLING	\$ 193.00	\$ 386.00
123	2.00	EA	1230 - 6" EXTENDED RANGE TRANSITION COUPLING	\$ 244.00	\$ 488.00
124	2.00	EA	1240 - 8" EXTENDED RANGE TRANSITION COUPLING	\$ 282.00	\$ 564.00
125	2.00	EA	1250 - 10" EXTENDED RANGE TRANSITION COUPLING, UNDERSIZE	\$ 363.00	\$ 726.00
126	2.00	EA	1260 - 10" EXTENDED RANGE TRANSITION COUPLING, OVERSIZE	\$ 387.00	\$ 774.00
127	2.00	EA	1270 - 12" EXTENDED RANGE TRANSITION COUPLING, UNDERSIZE	\$ 426.00	\$ 852.00
128	2.00	EA	1280 - 12" EXTENDED RANGE TRANSITION COUPLING, OVERSIZE	\$ 520.00	\$ 1040.00

CORPORATE RESOLUTION

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

AT THE MEETING OF DIRECTORS OF CIMSCO, INC.
INCORPORATED, DULY NOTICED AND HELD ON March 28, 2024
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT Hunter Burgess, 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 Riviere
SECRETARY-TREASURER

10/29/24

DATE

Non-Public Works Bid Affidavit Instructions

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

Instruction sheet may be omitted when submitting the affidavit

Non-Public Works Bid

AFFIDAVIT

STATE OF 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 SALESMAN of CIMSCO, INC. (Entity),
the party who submitted a bid in response to Bid Number 50-00146604, to the Parish of
Jefferson.

Affiant further said:

Campaign Contribution Disclosures

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

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

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

Debt Disclosures

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

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

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

Affiant further said:

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

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


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


Signature of Affiant

Hunter Burgess
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 6th DAY OF NOVEMBER, 20 24


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 _____.

STANDARD INSURANCE REQUIREMENTS FOR BIDDING PURPOSES

All required insurance under this bid shall conform to Jefferson Parish Resolution No. 136353 or No. 141125, 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 her designee, with the concurrence of the Director of Risk Management or her 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 the 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 Parish of Jefferson, 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 Worker's Compensation Law of the State of the Contractor's headquarters. Employer's Liability is included, with minimum limits of \$500,000 per occurrence, except it 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.

With a Waiver of Subrogation in favor of The Parish of Jefferson, its Districts, Departments, Agencies and Employees under the direction of the Parish President and the Parish Council, and any other entities who may require waivers by specific contract.

Note: If your company is not required by law to carry workmen's compensation insurance, i.e. 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**

Limits of not less than the following: \$1,000,000.00 Combined Single Limit Per Occurrence; 2 million General Aggregate for bodily injury and property damage.

With a Waiver of Transfer of Rights of Recovery Against Others to Us in favor of The Parish of Jefferson, its Districts, Departments, Agencies and Employees under the direction of the Parish President and the Parish Council.

☒ **BUSINESS AUTOMOBILE LIABILITY**

Limits of not less than the following: Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence. Property Damage Liability \$1,000,000.00 each occurrence. Liability coverage to be provided for Any Auto or for ALL Owned Autos and Hired and Non-owned Autos.

With a Waiver of Transfer of Rights of Recovery Against Others to Us in favor of The Parish of Jefferson, its Districts, Departments, Agencies and Employees under the direction of the Parish President and the Parish Council.

Note: This category may be omitted if bidders do not/will not utilize vehicles for the project AS DETERMINED BY Risk Management and Parish Attorney's Office after properly requesting a deviation as discussed above. Bidder must request a deviation prior to bid opening and may be given an automobile insurance declaration affidavit to execute. 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. Certificate of Insurance must state which coverage the Umbrella sits over.

FOR CONSTRUCTION AND RENOVATION PROJECTS:

The following are required if selected below. Such insurance is due upon contract execution.

☐ **OWNER'S PROTECTIVE LIABILITY**

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

☐ **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.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/28/2024

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

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

PRODUCER E B Ducasse Insurance Agency, Inc 3200 Ridgeland Dr, Suite 401 Metairie LA 70002		CONTACT NAME: Daryl Oser PHONE (A/C, No, Ext): (504) 840-9883 FAX (A/C, No): (504) 840-9889 E-MAIL: doser@ebducasse.com ADDRESS:	
INSURED Cimsco Inc P O Box 9130 Station A Metairie LA 70055		INSURER(S) AFFORDING COVERAGE INSURER A: Wesco Insurance Co NAIC # 25011 INSURER B: Technology Insurance Co 19879 INSURER C: Security National Insurance Co 15954 INSURER D: Amtrust Insurance Co INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER: CL249304830

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 SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER: <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY		WPP192911203	09/01/2024	09/01/2025	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 \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		SMB181015900	09/01/2024	09/01/2025	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N <input type="checkbox"/> If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	KWC1365991	09/01/2024	09/01/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER 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. Umbrella policy follows form of the underlying liability policies.

50-00146604 One year contract for Supply of couplings, restraining devices & related gaskets for the Department of Public Works and all Jefferson Parish Agencies and Municipalities

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

Edward B. Ducasse, Sr.



HYMAX[®]

COUPLING (1.5"-60")

PRODUCT SPECIFICATIONS



FEATURES

- GAME-CHANGING WIDE-RANGE COUPLING, PROVEN IN OVER 1M INSTALLATIONS IN THE US
- SUITABLE FOR ALL TYPES OF PIPES - DUCTILE IRON, CAST IRON, STEEL, COPPER, PE, PVC, AC, GRP
- PATENTED HYDRAULICALLY-ASSISTED GASKET WITH 2-STAGE SEALING
- LIGHTWEIGHT CONSTRUCTION ENABLES FAST AND EASY INSTALLATION
- ALLOWS 4° DYNAMIC DEFLECTION ON EACH END, REDUCING FUTURE PIPE DAMAGE
- ONE PRODUCT CAN CONNECT PIPES OF TWO DIFFERENT MATERIALS

SPECIFICATIONS

STANDARDS

HYMAX MEETS OR EXCEEDS STANDARDS AWWA C-219, NSF 61, NSF 372.

SIZE

AVAILABLE IN NOMINAL DIAMETER FROM 1.5" - 60" STANDARD.
CALL KRAUSZ FOR DETAILS.

MATERIALS

END RINGS

1.5" - 12" ASTM A283 / A283M GRADE C STEEL.
14" - 16" ASTM A283 / A283M GRADE C STEEL.
(OR DUCTILE IRON CASTING ASTM A536 GRADE 60-40-18).
18" - 60" ASTM A283 / A283M GRADE C STEEL.

CENTER RING

1.5" - 12" ASTM A53 GRADE A STEEL.
14" - 60" ASTM A283 / A 283M GRADE C STEEL.

GASKETS

EPDM COMPOUNDED FOR WATER AND SEWERAGE, MEETS INTERNATIONAL STANDARDS FOR CONTACT WITH DRINKING WATER.

BRIDGE

AISI 304 STAINLESS STEEL.

SPHERICAL SPACERS

AISI 304L STAINLESS STEEL.

COATING

100% FUSION BONDED EPOXY FOR ENHANCED CORROSION PROTECTION.
NOMINAL THICKNESS 14 MIL.

NUTS AND BOLTS

AISI 304 STAINLESS STEEL. ROLLED THREAD AND ANTI-GALLING COATING.

PRODUCT PERFORMANCE (*)

WORKING TEMPERATURE	-20°F UP TO +125°F.			
DYNAMIC DEFLECTION	UP TO 4° PER SIDE.			
MIN. PIPE INSERTION	1.5"-12" 2.25"	14"- 60" 4"		
MAXIMUM OFFSET FOR MISALIGNED PIPE	1.5"- 3" 0.39"	4"- 60" 0.51"		
MAXIMUM OUT OF ROUNDNESS	1.5" 0.08"	2"- 3" 0.20"	4"- 12" 0.31"	14"- 60" 0.51"
WORKING PRESSURE	1.5"- 16" 260 PSI	18"- 24" 232 PSI	26"- 60" CALL KRAUSZ FOR DETAILS.	
RATED PRESSURE	1.5"- 16" 390 PSI	18"- 24" 350 PSI	26"- 60" CALL KRAUSZ FOR DETAILS.	
VACUUM TEST	12 PSI			

* SEE SUBMITTAL DRAWINGS FOR DETAILS.

PRODUCT TABLES

HYMAX NOMINAL SIZES 1.5"-12"

Krausz Part Number	Nominal Diameter (inch)	Overall Range (inch)	Before removal of the inner layer (inch)	After removal of the inner layer (inch)	Bolt Qty. and Size (mm)	Torque (Ft-Lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (Lbs)
860-56-0041-16	1.5	1.61-2.13	1.61-1.97	1.96-2.13	2 - M12	35	260	390	5
860-56-0054-16	2	2.10-3.03	2.10-2.60	2.56-3.03	2 - M12	50	260	390	7.5
860-56-0088-16	3	3.46-4.33	3.46-3.90	3.86-4.33	2 - M12	50	260	390	10.8
860-56-0108-16C	4	4.25-5.63	4.25-5.00	4.92-5.63	2 - M14	65	260	390	15
860-56-0130-16	5	5.12-6.38	5.12-5.75	5.71-6.38	2 - M14	65	260	390	19
860-56-0163-16	6	6.42-7.68	6.42-7.05	7.01-7.68	2 - M14	65	260	390	23
860-56-0190-16	7	7.48-8.74	7.48-8.11	8.07-8.74	2 - M14	65	260	390	24
860-56-0217-16	8	8.54-9.84	8.54-9.17	9.13-9.84	2 - M14	65	260	390	28
860-56-0272-16	10	10.70-12.00	10.70-11.37	11.33-12.00	2 - M14	65	260	390	32
860-56-0278-16	10	10.96-12.26	10.96-11.63	11.59-12.26	2 - M14	65	260	390	33
860-56-0315-16	12	12.40-13.66	12.40-13.03	12.99-13.66	2 - M14	65	260	390	39
860-56-0334-16	12	13.15-14.41	13.15-13.78	13.74-14.41	2 - M14	65	260	390	39

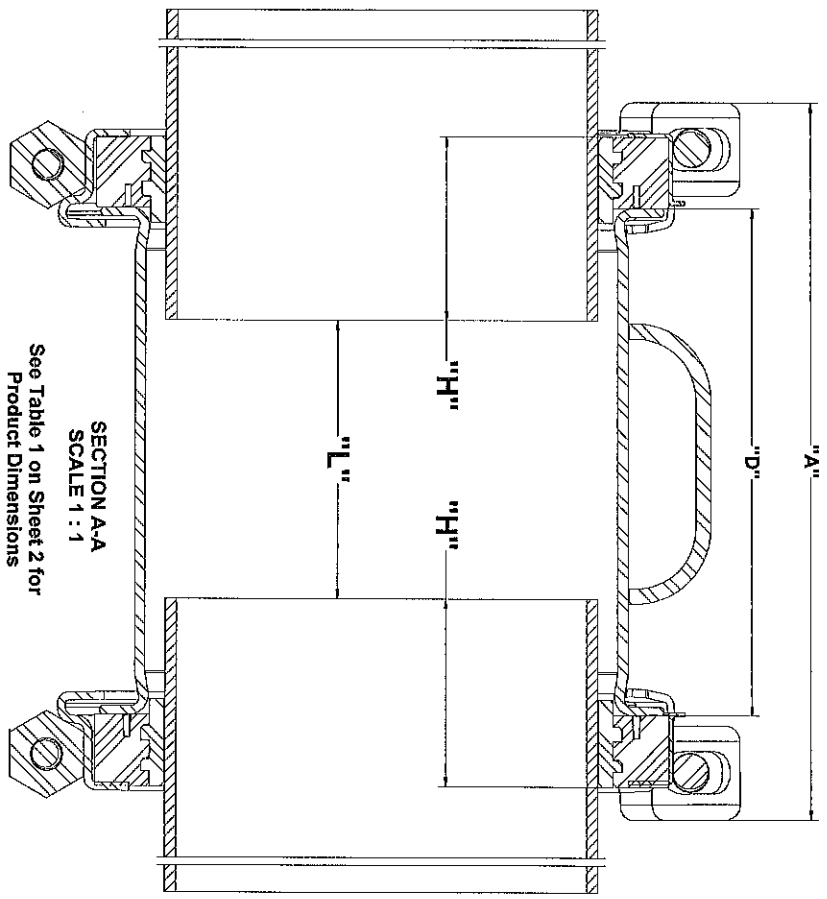
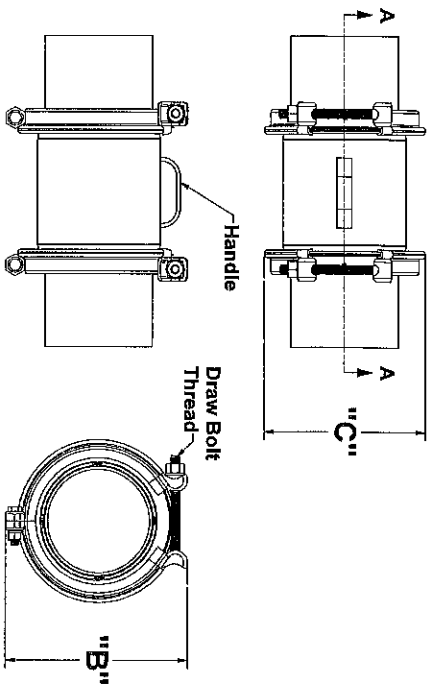
PRODUCT TABLES

HYMAX NOMINAL SIZES 14"-24"

Krausz Part Number	Nominal Diameter (inch)	Overall Range (inch)	Before removal of the inner layer (inch)	After removal of the inner layer (inch)	Bolt Qty. and Size (mm)	Torque (Ft-Lbs)	Working Pressure (PSI)	Rated Pressure (PSI)	Approx. Weight (Lbs)
860-56-0378-16P	14	15.00-17.10	15.00-16.10	16.02-17.10	4 -M16	150	260	390	92
860-56-0434-16P	16	17.10-19.20	17.10-18.19	18.11-19.20	4 -M16	150	260	390	101
860-56-0488-16P	18	19.20-21.30	19.20-20.29	20.21-21.30	4 -M16	150	232	350	101
860-56-0497-16P	20	19.60-21.70	19.60-20.69	20.61-21.70	4 -M16	150	232	350	105
860-56-0540-16P	20	21.25-23.35	21.25-22.35	22.27-23.35	4 -M16	150	232	350	110
860-56-0606-16P	24	23.85-25.95	23.85-24.96	24.88-25.95	4 -M16	150	232	350	120
860-56-0624-16P	24	24.60-26.70	24.60-25.67	25.59-26.70	4 -M16	150	232	350	120

HYMAX 26"-60" - MTO (MADE TO ORDER) AVAILABLE
FOR SPECIFIC SIZES OF PRODUCTS IN STOCK, CALL KRAUSZ FOR DETAILS.

DATE	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION
11/1/2009	1	Initial Drawing	11/1/2009	1	Initial Drawing
11/1/2009	2	Revised Drawing	11/1/2009	2	Revised Drawing
11/1/2009	3	Revised Drawing	11/1/2009	3	Revised Drawing
11/1/2009	4	Revised Drawing	11/1/2009	4	Revised Drawing
11/1/2009	5	Revised Drawing	11/1/2009	5	Revised Drawing
11/1/2009	6	Revised Drawing	11/1/2009	6	Revised Drawing
11/1/2009	7	Revised Drawing	11/1/2009	7	Revised Drawing
11/1/2009	8	Revised Drawing	11/1/2009	8	Revised Drawing
11/1/2009	9	Revised Drawing	11/1/2009	9	Revised Drawing
11/1/2009	10	Revised Drawing	11/1/2009	10	Revised Drawing
11/1/2009	11	Revised Drawing	11/1/2009	11	Revised Drawing



SECTION A-A
SCALE 1 : 1
See Table 1 on Sheet 2 for
Product Dimensions

- Notes:
1. Handle omitted on 2 inch and 3 inch TX3 Coupling
 2. The TX3 Coupling meets or exceeds all requirements of standard AWWA C-219
 3. Gaskets - NBR - NSF-61 and NSF-372 Approved by Underwriters Laboratories
 4. Middle Ring - ASTM A53 Grade A or equivalent
 5. End Rings - ASTM A283 Grade D Carbon Steel or equivalent
 6. Bolts and Nuts - 18-8 Type 304 Stainless Steel
 7. Spanner - 18-8 Type 304 Stainless Steel
 8. Coatings - NSF-61 Approved Fusion Bonded Epoxy over Electrocoat and chemically applied Conversion coatings.
 9. Working Temperature Range- Up to 125 Deg F at torques shown in table.
 10. Minimum Insertion Depth - See Table on Sheet 2.
 11. Please see installation instructions.
 12. Angular deflection - Up to 4 degrees per coupling end.

REVISIONS		DATE		DESCRIPTION	
1	11/1/2009	1	11/1/2009	1	Initial Drawing
2	11/1/2009	2	11/1/2009	2	Revised Drawing
3	11/1/2009	3	11/1/2009	3	Revised Drawing
4	11/1/2009	4	11/1/2009	4	Revised Drawing
5	11/1/2009	5	11/1/2009	5	Revised Drawing
6	11/1/2009	6	11/1/2009	6	Revised Drawing
7	11/1/2009	7	11/1/2009	7	Revised Drawing
8	11/1/2009	8	11/1/2009	8	Revised Drawing
9	11/1/2009	9	11/1/2009	9	Revised Drawing
10	11/1/2009	10	11/1/2009	10	Revised Drawing
11	11/1/2009	11	11/1/2009	11	Revised Drawing

THE INFORMATION DISCLOSED IN THIS DOCUMENT IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. IT IS THE PROPERTY OF TOTAL PIPING SOLUTIONS, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM TOTAL PIPING SOLUTIONS, INC.

TOTAL PIPING SOLUTIONS, INC.		20096	
1	11/1/2009	1	11/1/2009
2	11/1/2009	2	11/1/2009
3	11/1/2009	3	11/1/2009
4	11/1/2009	4	11/1/2009
5	11/1/2009	5	11/1/2009
6	11/1/2009	6	11/1/2009
7	11/1/2009	7	11/1/2009
8	11/1/2009	8	11/1/2009
9	11/1/2009	9	11/1/2009
10	11/1/2009	10	11/1/2009
11	11/1/2009	11	11/1/2009

Table 1: TX3 Coupling Data

Size	Part #	Overall Range Pipe Dia's	Diameter Range With Inner Gasket Inserted	Diameter Range With Inner Gasket Removed	"A"	"B"	"C"	"D"	"H" Min Stab Depth Rigid Pipe	"H" Min Stab Depth PE Pipe (See Note 1)	"L" Maximum Pipe Gap Rigid Pipe (See Note 2)	"L" Maximum Pipe Gap PE Pipe (See Notes 1 and 2)	Draw Bolt Thread	Nut Wrench Size	Maximum Allowable Working Pressure (MAWP)	Coupling Weight
2"	TX303030000000	2.10-3.03	2.10-2.60	2.56-3.03	7.55	6.91	6.67	4.00	2.00	2.50	2.25	1.25	1/2-13 UNC	3/4"	275 PSI	8 lbs
3"	TX304200000000	3.10-4.20	3.10-3.56	3.70-4.20	9.55	8.26	7.18	6.00	2.00	3.00	4.25	2.25	1/2-13 UNC	3/4"	275 PSI	12 lbs
4"	TX305610000000	4.45-5.61	4.45-5.06	4.94-5.61	9.81	9.36	8.74	6.20	2.00	3.00	4.60	2.60	1/2-13 UNC	3/4"	275 PSI	18 lbs
6"	TX307650000000	6.56-7.65	6.56-7.05	7.04-7.65	12.00	12.22	10.79	8.38	2.00	3.00	6.70	4.70	5/8-11 UNC	1-1/16"	275 PSI	22 lbs
8"	TX309840000000	8.54-9.84	8.54-9.15	9.15-9.84	12.00	14.36	13.10	8.36	2.00	3.00	6.70	4.70	5/8-11 UNC	1-1/16"	275 PSI	26 lbs
10" US	TX311840000000	10.64-11.84	10.64-11.16	11.18-11.84	12.00	16.68	15.39	8.25	2.00	3.00	6.70	4.70	5/8-11 UNC	1-1/16"	260 PSI	43 lbs
10" OS	TX312260000000	11.01-12.26	11.01-11.63	11.59-12.26	12.00	17.05	16.22	8.25	2.00	3.00	6.70	4.70	5/8-11 UNC	1-1/16"	260 PSI	44 lbs
12" US	TX313660000000	12.62-13.66	12.62-13.06	13.10-13.66	12.00	18.51	17.65	8.25	2.00	3.00	6.70	4.70	5/8-11 UNC	1-1/16"	260 PSI	47 lbs
12" OS	TX314450000000	13.14-14.45	13.14-13.76	13.74-14.45	12.00	19.56	18.38	8.25	2.00	3.00	6.70	4.70	5/8-11 UNC	1-1/16"	260 PSI	51 lbs
LONG BODY																
2"	TX3030300000LB	2.10-3.03	2.10-2.60	2.56-3.03	11.3	6.91	6.67	7.75	2.00	2.50	6	5	1/2-13 UNC	3/4"	275 PSI	9 lbs
3"	TX3042000000LB	3.10-4.20	3.10-3.56	3.70-4.20	14.55	8.26	7.18	11	2.00	3.00	9.25	7.25	1/2-13 UNC	3/4"	275 PSI	15 lbs
4"	TX3056100000LB	4.45-5.61	4.45-5.06	4.94-5.61	14.67	9.36	8.74	11	2.00	3.00	9.4	7.4	1/2-13 UNC	3/4"	275 PSI	24 lbs
6"	TX3076500000LB	6.56-7.65	6.56-7.05	7.04-7.65	19.12	12.22	10.79	15.5	2.00	3.00	13.82	11.82	5/8-11 UNC	1-1/16"	275 PSI	32 lbs
8"	TX3098400000LB	8.54-9.84	8.54-9.15	9.15-9.84	19.12	14.36	13.10	15.5	2.00	3.00	13.82	11.82	5/8-11 UNC	1-1/16"	275 PSI	39 lbs
10" US	TX3118400000LB	10.64-11.84	10.64-11.16	11.18-11.84	19.75	16.68	15.39	16	2.00	3.00	14.45	12.45	5/8-11 UNC	1-1/16"	260 PSI	60 lbs
10" OS	TX3122600000LB	11.01-12.26	11.01-11.63	11.59-12.26	19.75	17.05	16.22	16	2.00	3.00	14.45	12.45	5/8-11 UNC	1-1/16"	260 PSI	62 lbs
12" US	TX3136600000LB	12.62-13.66	12.62-13.06	13.10-13.66	19.75	18.51	17.65	16	2.00	3.00	14.45	12.45	5/8-11 UNC	1-1/16"	260 PSI	66 lbs
12" OS	TX3144500000LB	13.14-14.45	13.14-13.76	13.74-14.45	19.75	19.56	18.38	16	2.00	3.00	14.45	12.45	5/8-11 UNC	1-1/16"	260 PSI	71 lbs

Note 1: The TX3 Coupling shall not be used on Polyethylene Pipe of wall thickness less than SDR-17.

Note 2: For Non-Metallic pipe of wall thickness DR-14 and thinner, stab depth must be a minimum of 4 inches from outer edge of gasket.

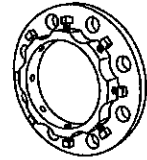
Note 3: See Sheet 3 for Bolt Torque specifications.

THE INFORMATION CONTAINED IN THIS DOCUMENT, INCLUDING ALL DRAWINGS, IS THE PROPERTY OF TOTAL PIPING SOLUTIONS, INC. (TPS). IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED IN THE DOCUMENT. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF TOTAL PIPING SOLUTIONS, INC. ANY VIOLATION OF THIS NOTICE SHALL BE SUBJECT TO LEGAL ACTION.

DESIGN/ENGINEER/REVIEWER		CONTRACT NO.		TOTAL PIPING SOLUTIONS, INC.	
DATE		DATE		P.O. BOX 522, CLEAN, N.Y. 14030	
TOLERANCES ARE:		DRAWN		TITLE	
DIMENSIONS: 1/16" > 1"		CHECKED		TX3 Coupling Customer	
DO NOT SCALE DRAWINGS		APPROVED		Submittal Drawing	
THIRD ANGLE PROJECTION		DATE		SCALE 1/4" = 1'-0"	
		20096		SHEET 2 OF 2	

SUBMITTAL INFORMATION

Adapter Flange - (UFA200-C-x style)



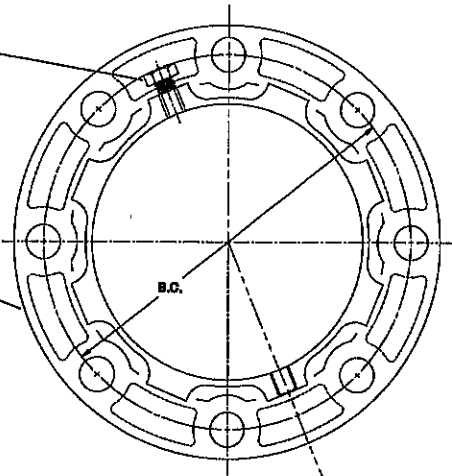
UNI-FLANGE® SERIES 200 ADAPTER FLANGE FOR DUCTILE IRON PIPE

Set Screw - AISI 4140 Steel;
Tensile 190,000 psi
minimum. Heat treated to
35-39 Rockwell C and zinc
plated for corrosion resistance

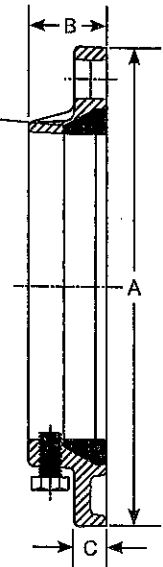
Flange - Ductile Iron per
ASTM A536, Grade 65-45-12.
Drilling to AWWA Class D and
E, ANSI B16.1 (125 lb.), or
ANSI B16.5 (150 lb.)

Finish - Shop coat

Color Code - Red for ductile
iron applications



Gasket - SBR (Buna-S)
mechanical joint gasket



NOM. PIPE SIZE	DUCTILE IRON PIPE		APPROX. WT. LBS.	PRESSURE RATING PSI	SET SCREWS		FLANGE			No. OF BOLT HOLES	BOLT CIRCLE DIA.	✓ SUBMITTED ITEM(S)
	OD (in.)	CATALOG NO.			NUMBER	SIZE	OD A	THICKNESS B	THICKNESS C			
2"	2.50	UFA200-C-2	4.2	200	2	1/2"x1"	6"	1-13/16"	3/4"	4	4-3/4"	
3"	3.96	UFA200-C-3	6.0	200	4	1/2"x1"	7-1/2"	1-13/16"	3/4"	4	6"	
4"	4.80	UFA200-C-4	8.5	200	4	1/2"x1"	9"	1-13/16"	3/4"	8	7-1/2"	
6"	6.90	UFA200-C-6	10.7	200	8	1/2"x1"	11"	1-13/16"	3/4"	8	9-1/2"	
8"	9.05	UFA200-C-8	19.6	200	8	5/8"x1-1/4"	13-1/2"	2-1/4"	22/25"	8	11-3/4"	
10"	11.10	UFA200-C-10	25.3	175	12	5/8"x1-1/4"	16"	2-15/16"	1"	12	14-1/4"	
12"	13.20	UFA200-C-12	33.2	175	12	5/8"x1-1/4"	19"	2-15/16"	1"	12	17"	

FEATURES

- Restraint is provided by a set screw locking device similar to that used in mechanical joint retainer glands
- The gasket is an SBR mechanical joint gasket. Available with optional EPDM or NBR (Buna-N) gasket
- Designed for ease of on-site installation. Eliminates bolt hole alignment problems and allows for pipe deflection
- Series 200 adapter flanges are not recommended for use on PVC pipe. Use the Uni-Flange® Series 900 flanges instead
- Optional uni-torque set screws are available for use with Series 200 adapter flanges for ductile iron pipe, class 52-56. To order, add "-UT" to the catalog number. Example: UFA200-C-6-UT
- Optional stainless steel set screws, type 410 per ASTM F593, are available for Series 200 adapter flanges. To order, add "-SS" to the catalog number. Example: UFA200-C-6-SS.

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. Our standard warranty applies.



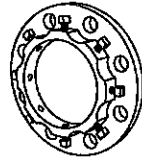
The Ford Meter Box Company, Inc.
P.O. Box 443, Wabash, Indiana U.S.A. 46992-0443
Phone: 260-563-3171 / Fax: 800-826-3487
Overseas Fax: 260-563-0167
www.fordmeterbox.com

09/16/22

Submitted By:

SUBMITTAL INFORMATION

Adapter Flange - (UFA400-C-x style)



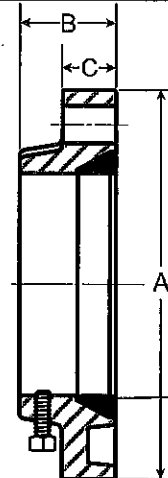
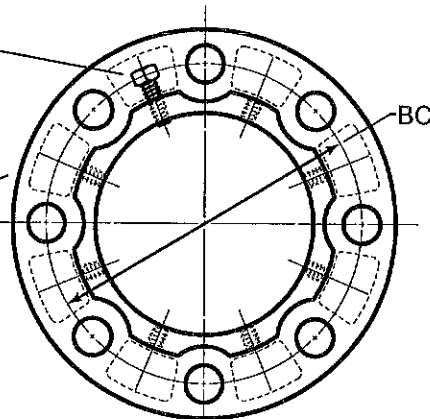
UNI-FLANGE® SERIES 400 ADAPTER FLANGE FOR DUCTILE IRON PIPE

Set Screw - AISI 4140 Steel;
Tensile 190,000 psi minimum. Heat
treated to 35-39 Rockwell C, and
zinc plated for corrosion resistance

Flange - Ductile Iron per ASTM
A536, Grade 65-45-12. Drilling
to AWWA Class D and E,
ANSI B16.1 (125 lb. cast iron), or
ANSI B16.5 (150 lb. steel)

Finish: Shop coat

Color Code: Red for ductile
iron applications



Gasket - SBR (Buna-S)
Mechanical Joint Gasket

NOM. PIPE SIZE	DUCTILE IRON PIPE		APPROX. WT. LBS.	PRESSURE RATING PSI	SET SCREWS		FLANGE			No. OF BOLT HOLES	BOLT CIRCLE DIA.	✓ SUBMITTED ITEM(S)
	OD (IN.)	CATALOG No.			NUMBER	SIZE	OD A	APPROX. THICKNESS B	APPROX. THICKNESS C			
**2"	2.50					**Use UFA200-C-2						
3"	3.96	UFA400-C-3	8	250	4	1/2"x1"	7-1/2"	2-1/8"	1-7/64"	4	6"	
4"	4.80	UFA400-C-4	11	250	8	1/2"x1"	9"	2-1/8"	1-7/64"	8	7-1/2"	
6"	6.90	UFA400-C-6	14	250	8	5/8"x1-1/4"	11"	2-3/8"	1-7/64"	8	9-1/2"	
8"	9.05	UFA400-C-8	21	250	8	5/8"x1-1/4"	13-1/2"	2-3/8"	1-7/64"	8	11-3/4"	
10"	11.10	UFA400-C-10	38	250	12	5/8"x1-1/4"	16"	2-7/16"	1-3/16"	12	14-1/4"	
12"	13.20	UFA400-C-12	56	250	12	5/8"x1-1/4"	19"	2-1/2"	1-1/4"	12	17"	
14"	15.30	UFA400-C-14	70	150	12	5/8"x1-1/4"	21"	2-7/8"	1-3/8"	12	18-3/4"	
16"	17.40	UFA400-C-16	79	150	16	5/8"x1-1/4"	23-1/2"	2-13/16"	1-24/64"	16	21-1/4"	
18"	19.50	UFA400-C-18	90	150	16	3/4"x2"	25"	3-1/16"	1-9/16"	16	22-3/4"	
20"	21.60	UFA400-C-20	145	150	20	3/4"x2"	27-1/2"	3-3/16"	1-11/16"	20	25"	
24"	25.80	UFA400-C-24	175	150	20	3/4"x2"	32"	3-3/8"	1-7/8"	20	29-1/2"	
30"	32.00	UFA400-C-30	270	100	28	1"x2-1/4"	38-3/4"	4-1/8"	2-7/64"	28	36"	
36"	38.30	UFA400-C-36	400	100	32	1"x2-1/4"	46"	4-3/8"	2-3/8"	32	42-3/4"	
42"	44.50	UFA400-C-42	495	100	36	1"x2-1/4"	53"	4-5/8"	2-5/8"	36	49-1/2"	
48"	5.80	UFA400-C-48	660	100	44	1"x2-1/4"	59-1/2"	4-3/4"	2-3/4"	44	56"	

FEATURES

- Restraint is provided by a set screw locking device similar to that used in mechanical joint retainer glands.
- The gasket is an SBR (Buna-S) mechanical joint gasket. Available in optional EPDM or NBR (Buna-N) gasket
- Designed for ease of on-site installation. Eliminates bolt hole alignment problems and allows for pipe deflection.
- Series 400 adapter flanges are not recommended for use on PVC pipe. Use the Uni-Flange® Series 900 flanges instead.
- Optional uni-torque set screws are available for use with 3"-16" Series 400 adapter flanges for ductile iron pipe, class 52-56. To order, add "-UT" to the catalog number. Example: UFA400-C-6-UT.
- Optional stainless steel set screws, type 410 per ASTM F593, are available for Series 400 adapter flanges in sizes 2"-24". To order, add "-SS" to the catalog number. Example: UFA400-C-6-SS

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. Our standard warranty applies.



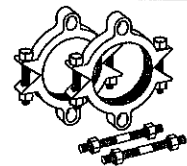
The Ford Meter Box Company, Inc.
P.O. Box 443, Wabash, Indiana U.S.A. 46992-0443
Phone: 260-563-3171 / Fax: 800-826-3487
Overseas Fax: 260-563-0167
www.fordmeterbox.com

03/15/23

Submitted By:

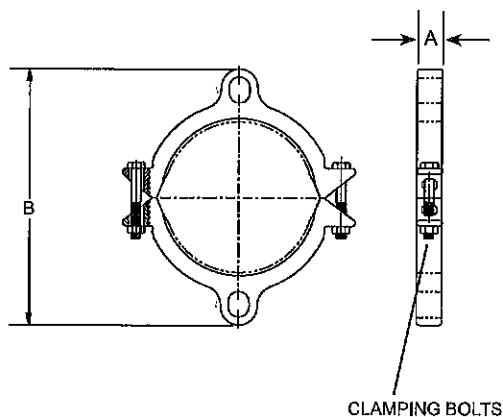
SUBMITTAL INFORMATION

Uni-Flange® Restraint - (UFR1390-C-x-RB-I style)

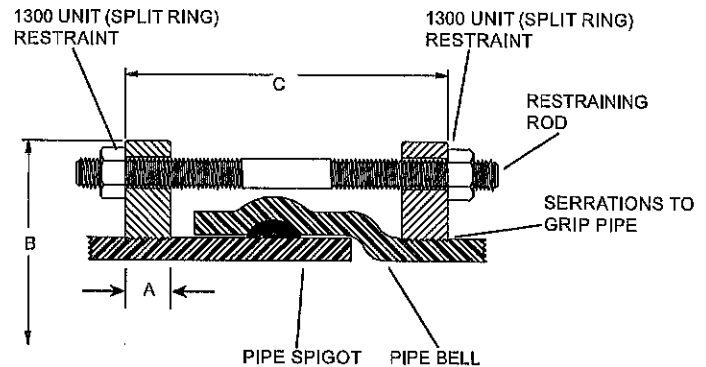


**SERIES 1390-C RESTRAINT HARNESS (WITH BLUE FLUOROCARBON-COATED HARDWARE)
FOR C900 PVC AND DUCTILE IRON PIPE BELL JOINTS**

1300 SPLIT RESTRAINT



1390 ASSEMBLY



NOM PIPE SIZE	PVC PIPE WITH DI PIPE OD STYLE 1390-C		A	B APPROX	C MAX	RESTRAINT RODS		CLAMPING BOLTS PER GLAND		MAX. BELL CLEARANCE	APPROX. WEIGHT (LBS.)	✓ SUBMITTED ITEMS
	OD (IN.)	CATALOG NO.				No.	SIZE	No.	SIZE			
4"	4.80	UFR1390-C-4-RB-I	1-1/8"	9-1/8"	15"	2	3/4" x 17"	2	5/8" x 3-1/2"	7.13"	17.0	
6"	6.90	UFR1390-C-6-RB-I	1-1/8"	11-1/8"	15"	2	3/4" x 17"	2	5/8" x 3-1/2"	9.13"	18.5	
8"	9.05	UFR1390-C-8-RB-I	1-1/4"	14-5/8"	15"	2	3/4" x 17"	2	3/4" x 4"	11.38"	29.0	
10"	11.10	UFR1390-C-10-RB-I	1-3/8"	16-5/8"	22"	4	3/4" x 24"	2	7/8" x 5"	13.50"	53.0	
12"	13.20	UFR1390-C-12-RB-I	1-3/8"	19-1/4"	22"	4	3/4" x 24"	2	7/8" x 5"	16.13"	56.5	

FEATURES

- Cast ductile iron per ASTM A536 grade 65-45-12
- Restraining rods are high strength, low alloy steel per ANSI / AWWA C111 / A21.11, with blue fluorocarbon-coating
- Clamping bolts and nuts are Grade 5 with blue fluorocarbon-coating
- Rated at full-rated pressure of any class of PVC pipe, minimum 2:1 safety factor.
- Rated at 250 psi on ductile iron pipe in sizes 4" - 8" and 200 psi in size 10" and 12"
- 360° contact and support of the pipe wall
- Black Armorguard e-coat epoxy coating - NSF 61 approved

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. Our standard warranty applies.



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

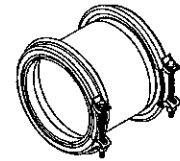


09/02/21

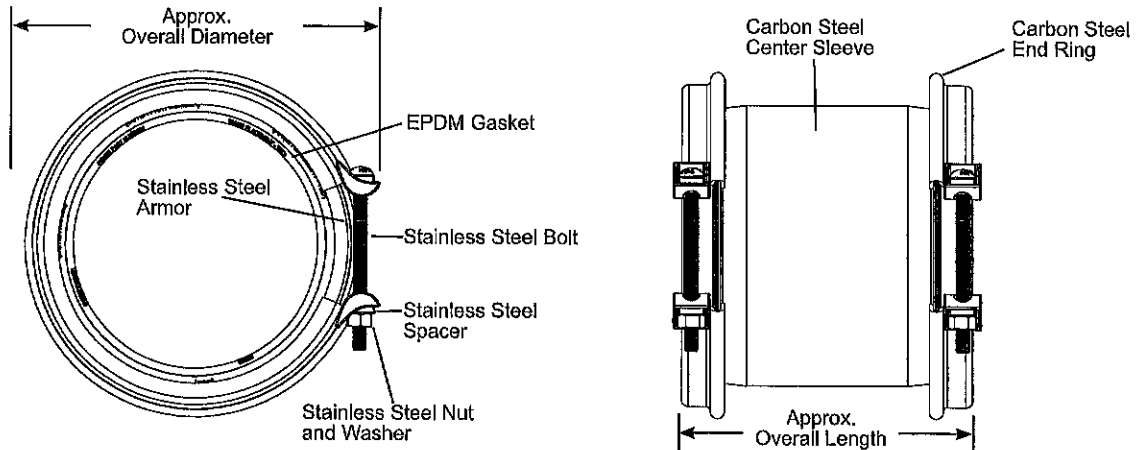
Submitted By:

SUBMITTAL INFORMATION

Fabricated Two-Bolt Coupling - (BOAL-x style)



BOALINQ™ TWO-BOLT COUPLING FOR JOINING SAME NOMINAL SIZED STEEL, DUCTILE IRON, HDPE, PVC, PVCO, CAST IRON AND A/C PIPES



NOMINAL PIPE SIZE (IN.)	CATALOG NUMBER	TOTAL RANGE (IN.)	RANGE WITH INNER GASKET (IN.)	RANGE W/O INNER GASKET (IN.)	APPROX. OVERALL LGTH. (IN.)	APPROX. OVERALL DIA. (IN.)	SLEEVE THICKNESS (IN.)	APPROX WEIGHT (LBS.)	✓ SUBMITTED ITEM(S)
4	BOAL-4	4.25 - 5.63	4.25 - 5.00	4.92 - 5.63	9.4	11.1	0.17	16	
6	BOAL-6	6.42 - 7.68	6.42 - 7.05	7.01 - 7.68	11.6	12.7	0.17	24	
8	BOAL-8	8.54 - 9.84	8.54 - 9.17	9.13 - 9.84	11.6	14.8	0.17	30	
10	BOAL-10	10.70 - 12.00	10.70 - 11.37	11.33 - 12.00	11.6	17	0.17	35	
10 Over Sized	BOAL-10-OS	10.96 - 12.26	10.96 - 11.63	11.59 - 12.26	11.6	17.1	0.17	35	
12	BOAL-12	12.40 - 13.66	12.40 - 13.03	12.99 - 13.66	11.6	18.5	0.17	39	
12 Over Sized	BOAL-12-OS	13.15 - 14.41	13.15 - 13.78	13.74 - 14.41	11.6	19.25	0.17	41	

* Insert stiffeners are required for use on HDPE pipe

FEATURES

- Center Sleeve - Grade A steel per ASTM A53
- End Rings - Grade C steel per ASTM A283 / A283M
- Gaskets - EPDM rubber per ASTM D2000
- Armors - Type 316 stainless steel per ASTM A240
- Spacers for Bolts and Nuts - Type 316 stainless steel per ASTM A240
- Bolts and Nuts - Type 316 stainless steel per ASTM A193 and A194 with anti-friction coating
- Washers - Type 316 stainless steel per ASTM A193 and A194
- Coating - NSF 61 approved e-coat epoxy base with NSF 61 approved black fusion bonded epoxy topcoat
- Rated working pressure - 260 psi
- Maximum allowable deflection - 4° per side
- Minimum pipe insertion - 2.25" each side
- Certified to NSF/ANSI 61
- Dual gaskets with removable, replaceable inner gasket provide greater range.
- Includes lifting strap

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. Our standard warranty applies.



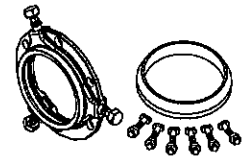
The Ford Meter Box Company, Inc.
P.O. Box 443, Wabash, Indiana U.S.A. 46992-0443
Phone: 260-563-3171 / Fax: 800-826-3487
Overseas Fax: 260-563-0167
www.fordmeterbox.com

07/30/24

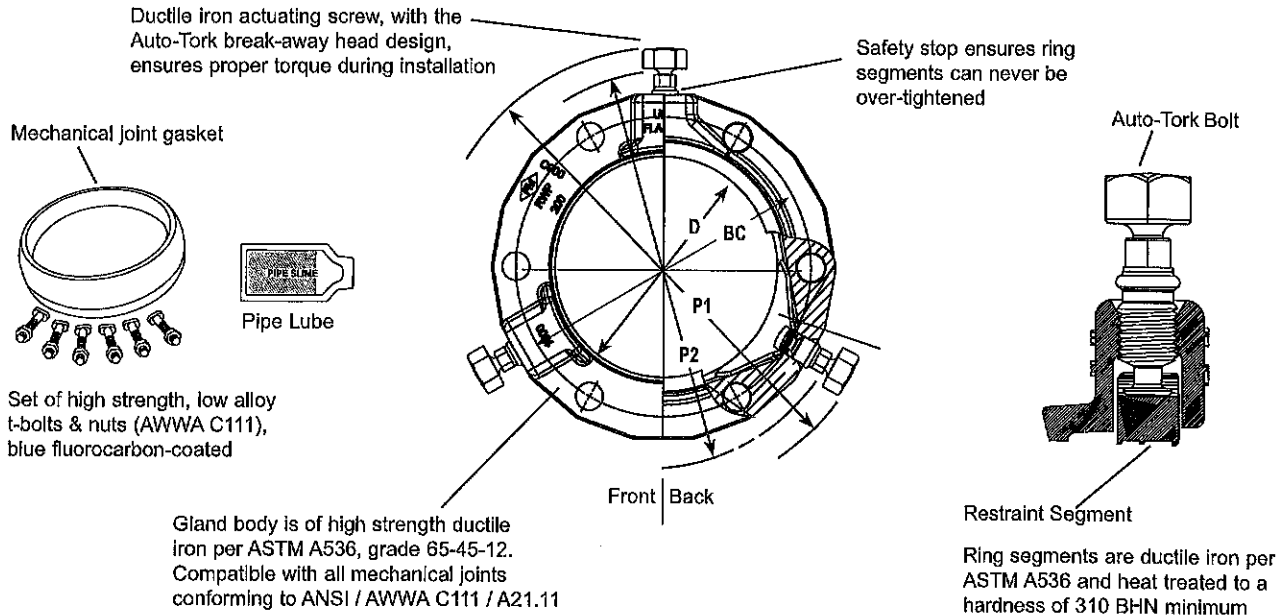
Submitted By:

SUBMITTAL INFORMATION

Uni-Flange® Mechanical Joint Restraint (UFR1500-CAP-x-RB-I style)



4" - 12" SERIES UFR1500 MECHANICAL JOINT RESTRAINT FOR C900, C909 OR HDPE PACKAGED WITH FLUOROCARBON-COATED ACCESSORIES



NOM. PIPE SIZE	PIPE O.D. (IN.)	CATALOG NUMBER	NO. OF RESTRAINT SEGMENTS	APPROX. WEIGHT (LBS.)	P1*	P2** APPROX.	BC	D	PRESSURE RATING					✓ SUBMITTED ITEM(S)
									C900			C909		
									DR-14	DR-18	DR-25	PC-165	PC-235	
4"	4.80	UFR1500-CAP-4-RB-I	2	12.5	13.00"	9.40"	7.50"	4.90"	305 PSI	235 PSI	165 PSI	165 PSI	235 PSI	
6"	6.90	UFR1500-CAP-6-RB-I	3	18.0	15.13"	11.60"	9.50"	7.00"	305 PSI	235 PSI	165 PSI	165 PSI	235 PSI	
8"	9.05	UFR1500-CAP-8-RB-I	4	23.0	17.25"	13.75"	11.75"	9.15"	305 PSI	235 PSI	165 PSI	165 PSI	235 PSI	
10"	11.10	UFR1500-CAP-10-RB-I	8	33.0	19.38"	16.00"	14.00"	11.20"	305 PSI	235 PSI	165 PSI	165 PSI	235 PSI	
12"	13.20	UFR1500-CAP-12-RB-I	8	38.0	21.50"	18.05"	16.25"	13.30"	305 PSI	235 PSI	165 PSI	165 PSI	235 PSI	

*Maximum O.D. of gland on pipe before Auto-Tork heads are removed (as shipped)

**Maximum O.D. of gland on pipe after Auto-Tork heads are removed

Note: Ford recommends the use of a properly sized insert stiffener when using UFR1500 on HDPE

FEATURES

- Full circle contact and support of the pipe wall. The Series 1500 can be used on AWWA C900, AWWA C909 PVC or HDPE without any point loading
- Auto-Tork actuating screws with heads specially designed to twist off at the correct installation torque, leaving a hex head for future system maintenance or removal
- Set of high strength, low alloy t-bolts and nuts with blue fluorocarbon-coating (AWWA C111)
- Mechanical joint gasket (AWWA C111)
- Series 1500 eliminates the need to pour expensive and time consuming concrete thrust blocks
- Restraining segments are mechanically retained in pockets
- Gland, screws and segments are black epoxy coated using the e-coat process
- Gland colored red for identification purposes

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. Our standard warranty applies.



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



Submitted By:

06/28/21



Quality – Service – Commitment – Delivered.

PO Box 300
700 Goldman Drive
Cream Ridge, NJ 08514

609 758 0800
fax 609 758 1163
engg@sigmaco.com

Certificate of Compliance

This is to certify that the Mechanical Joint Gasket pack with Flourocarbon Bolts & Nuts supplied by SIGMA Corporation consist of the following:

1. One MJ Gasket
2. Flourocarbon T Head Bolts and Nuts

The Mechanical Joint Gaskets are produced in accordance with and meet all applicable terms and provisions of specification ANSI/AWWA C111/A21.11 and NSF61 and is made up of "Styrene Butadiene Rubber".

The Bolts and Nuts conforms to AWWA C111 Standard and are threaded in accordance with ANSI/ASME B1.1

For any further information please e-mail us at engg@sigmaco.com or call us at (609) 758-0800.

Best regards,

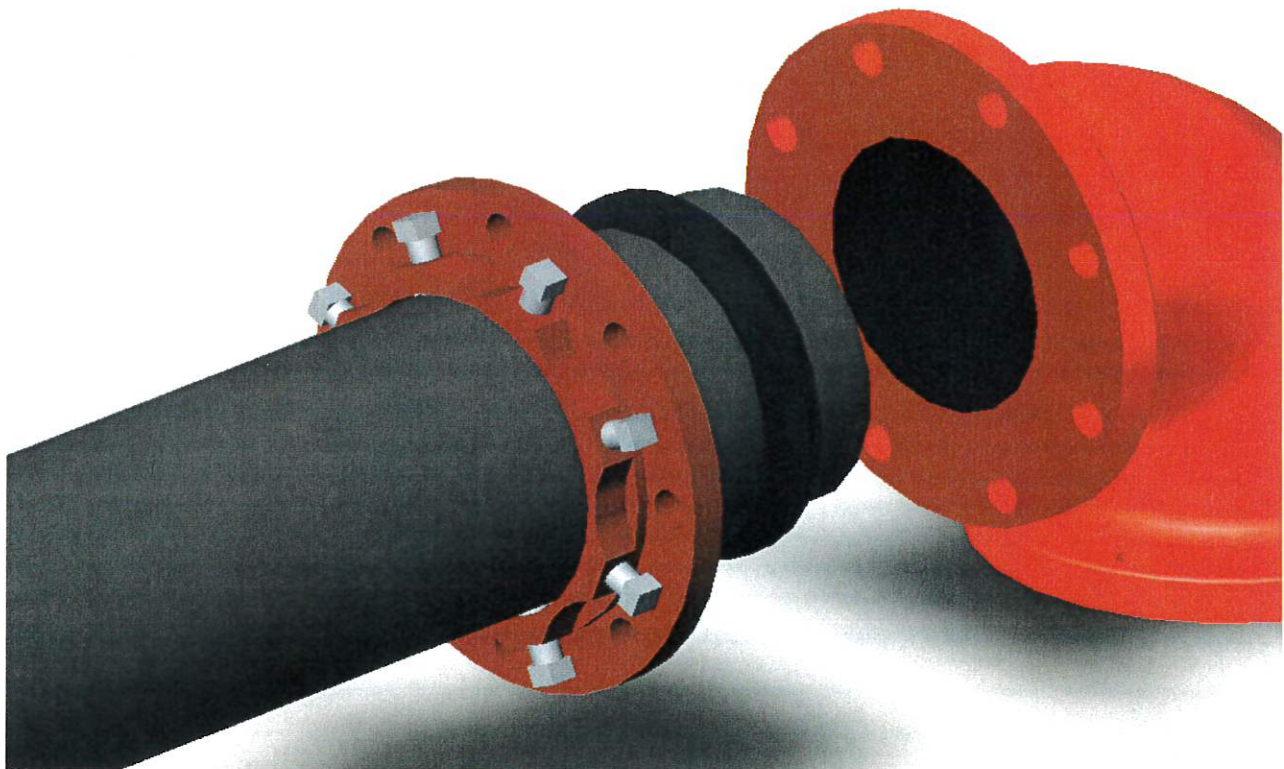
A handwritten signature in black ink, appearing to read "Sreenivasa Rao".

Sreenivasa Rao



ZIP FLANGE FIELD INSTALLED FLANGE ADAPTER

**Connects Plain End Ductile Iron or Steel Pipe
to Flanged Fittings, Pumps, Valves ...**



**ZIP FLANGE is manufactured to
American National Standards Institute
(ANSI) specification ANSI B16.1**



ZIP FLANGE FIELD INSTALLED FLANGE ADAPTER

FLANGE

Manufactured from Ductile Iron - ASTM A536, Grade 65-45-12. Drilling to ANSI B16.1 - 125lb.

SET SCREWS

Manufactured from AISI 4140 steel.
Heat Treated and Zinc Plated.

GASKET

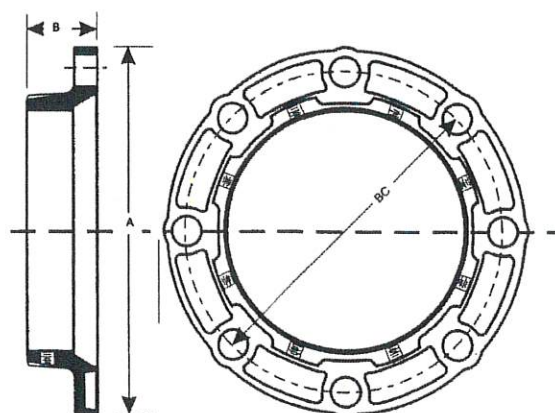
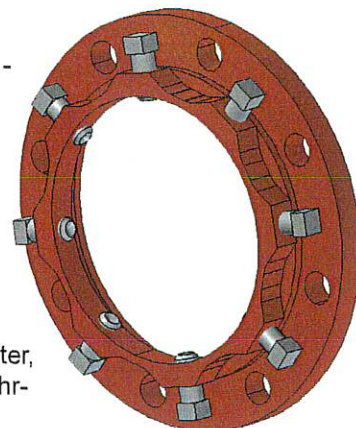
Standard Gasket supplied with SIGMA ZIP FLANGE is SBR (BUNA-S), suitable for water, wastewater, and most moderate chemicals. Temperature range: -10 - 160 degrees Fahrenheit.

Alternative Gaskets include:

EPDM - Green: -10 to 250°F (Ethylene Propylene)

CR - Yellow: -10 to 225°F (Neoprene)

NBR - Orange: 20 to 180°F (Buna-N, Nylril, Hycar)



Dimensions in Inches, Weights in Pounds

ZF2 Series - STANDARD (2-8" 200psi / 10-12" 175psi)

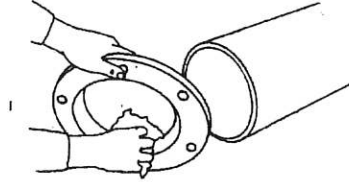
Pipe Size	for Cast Iron Pipe		for Steel Pipe		A	B	BC	Bolt Hole Diameter	Set Screw		Weight lbs.
	Item No.	Pipe O.D.	Item No.	Pipe O.D.					No.	Size	
2	ZF2-C2	2.50	ZF2-S2	2.375	6	1 4/5	4 3/4	3/4	2	1/2 X 1	4
3	ZF2-C3	3.96	ZF2-S3	3.500	7 1/2	1 4/5	6	3/4	4	1/2 X 1	5
4	ZF2-C4	4.80	ZF2-S4	4.500	9	1 7/8	7 1/2	3/4	4	1/2 X 1	8
6	ZF2-C6	6.90	ZF2-S6	6.625	11	1 7/8	9 1/2	7/8	8	1/2 X 1	10
8	ZF2-C8	9.05	ZF2-S8	8.625	13 1/2	2 1/4	11 3/4	7/8	8	5/8 X 1 1/4	16
10	ZF2-C10	11.10	ZF2-S10	10.750	16	2 1/4	14 1/4	1	12	5/8 X 1 1/4	22
12	ZF2-C12	13.20	ZF2-S12	12.750	19	2 1/4	17	1	12	5/8 X 1 1/4	31

ZF4 Series - HEAVY DUTY (14-24" 200psi / 30-48" 100psi)

Pipe Size	for Cast Iron Pipe		A	B	BC	Bolt Hole Diameter	Set Screws		Weight lbs.
	Item No.	Pipe O.D.					No.	Size	
14	ZF4-C14	15.30	21	2 5/8	18 3/4	1 1/8	12	5/8 x 1 1/4	70
16	ZF4-C16	17.40	23 1/2	2 11/16	21 1/4	1 1/8	16	5/8 x 1 1/4	79
18	ZF4-C18	19.50	25	3	22 3/4	1 1/4	16	3/4 x 2	90
20	ZF4-C20	21.60	27 1/2	3 3/16	25	1 1/4	20	3/4 x 2	145
24	ZF4-C24	25.80	32	3 3/8	29 1/2	1 3/8	20	3/4 x 2	175
30	ZF4-C30	32.00	38 3/4	4 1/2	36	1 3/8	28	1 x 2 1/4	270
36	ZF4-C36	38.30	46	4 3/4	42 3/4	1 5/8	32	1 x 2 1/4	400
42	ZF4-C42	44.50	53	5	49 1/2	1 5/8	36	1 x 2 1/4	602
48	ZF4-C48	50.80	59 1/2	5 1/8	56	1 5/8	44	1 x 2 1/4	680

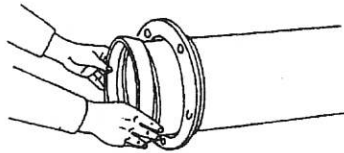
Installation Instructions

1.



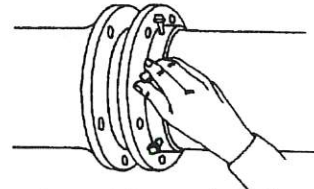
Clean the plain end pipe after making sure the pipe end is square cut and burr-free. Lubricate the plain end pipe thoroughly with a soap-based pipe gasket lubricant.

2.



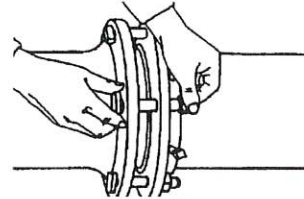
Slide the ZIP FLANGE - set screw side first, onto the plain end pipe. Lubricate the gasket, and then slide it over the pipe, tapered side first.

3.



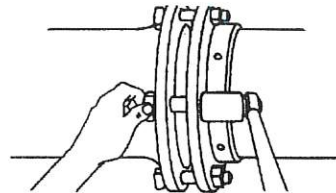
Slide the flange toward the end of the pipe, seating the gasket evenly in the flange cavity. Continue to slide the flange gasket toward the end of the pipe until the ZIP FLANGE face is flush with the end of the plain end pipe. Hand-tighten the set screws against the pipe surface.

4.



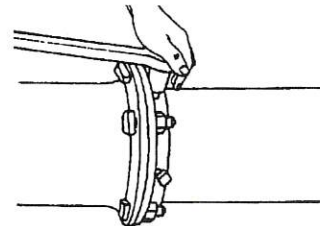
Use standard flange bolts to connect the flanges.

5.



Tighten the flange bolts alternately to keep the flange faces square to each other. When flange faces meet, torque flange bolts to specification.

6.



Tighten all set screws evenly to values shown in the chart on the left.

Set Screw Size & Torque Requirements

ZF2 Series - STANDARD

Pipe Size	Set Screw Size	Recommended Torque Values (ft-lbs.)						
		Ductile Iron Pipe Class				Steel Pipe Schedule		
		50	51	52	53+	20	30	40+
2	1/2 x 1	-	50	70	70	-	-	35
4	1/2 x 1	-	50	70	70	-	-	70
6	1/2 x 1	50	60	70	70	-	-	70
8	5/8 x 1 1/4	50	60	80	90	50	50	90
10	5/8 x 1 1/4	50	60	80	90	50	50	90
12	5/8 x 1 1/4	50	60	80	90	50	60	90

ZF4 Series - HEAVY DUTY

Pipe Size	Set Screw Size	Recommended Torque Values (ft-lbs.)						
		Ductile Iron Pipe Class				Steel Pipe Schedule		
		50	51	52	53+	20	30	40+
14	5/8 x 1 1/4	60	70	90	90	-	-	-
16	5/8 x 1 1/4	60	70	90	90	-	-	-
18	3/4 x 2	70	80	115	115	-	-	-
20	3/4 x 2	70	80	115	115	-	-	-
24	3/4 x 2	70	80	115	115	-	-	-
30	1 x 2 1/4	70	80	115	115	-	-	-
36	1 x 2 1/4	70	80	115	115	-	-	-
42	1 x 2 1/4	90	100	120	120	-	-	-
48	1 x 2 1/4	90	100	120	120	-	-	-

LOCATIONS

North Region

Cream Ridge, New Jersey (HQ)

Phone (800) 999-2550
Fax (609) 758-1158
crm-sales@sigmaco.com

Sauk Village, Illinois

Phone (888) 999-0420
Fax (708) 758-6790
chi-sales@sigmaco.com

South Region

Alexander City, Alabama

Phone (800) 824-4513
Fax (256) 234-4956
rps-sales@sigmaco.com

Houston, Texas

Phone (800) 999-0109
Fax (281) 987-0200
htn-sales@sigmaco.com

West Region & Canada

Ontario, California

Phone (800) 688-6230
Fax (909) 391-2033
ont-sales@sigmaco.com

Auburn, Washington

Phone (800) 688- 6230
Fax (909) 391-2033
ont-sales@sigmaco.com

Victoriaville, Quebec, Canada

Phone (888) 744-6262
Fax (819) 758-1153
crm-sales@sigmaco.com

Innisfil, Ontario, Canada

Phone (877) 436-3800
Fax (705) 436-6338
crm-sales@sigmaco.com

www.sigmaco.com

Terms and Conditions of Sales available at our website

AWWA Ductile Iron Fittings



- 2-48" mechanical joint fittings (AWWA C153 & C110)
- 2-48" C110 / 54-64" C153 flanged fittings (cast iron also available)
- 3-48" MJ and 3-48" Flanged AWWA Fittings, Domestic Manufacture
- 4-24" TRIM TYTON® C153 / 14-24" TYTON® push on fittings
- 4-24" C110 push on fittings
- C116 fusion bonded epoxy lining available
- PROTECTO 401® ceramic epoxy lining available

Mechanical Joint Accessories



- Prepackaged and loose mechanical joint accessories
- SIGMASEAL™ improved mechanical joint gasket
- Snap-on multi-purpose gasket for ductile iron or PVC pressure pipes
- Ductile iron set screw retainer glands
- OMNI-SLEEVE™ improved wall penetration sleeve
- Specialty bolts and nuts for mechanical joint assemblies

ONE-LOK™ Wedge Action Restraints



- 3-48" ONE-LOK SLDE restraint for ductile iron pipe (import or domestic)
- 3-36" ONE-LOK SLCE restraint for PVC pipe (import or domestic)
- 3-36" ONE-LOK SLDEH bell joint harness for ductile iron pipe
- 4-12" / 20" ONE-LOK SLDM restraint for oversized cast iron pipe
- 4-36" ONE-LOK SSLD split restraint for existing ductile iron pipe
- 4-36" ONE-LOK SSLDH split restraint harness for existing ductile iron pipe
- 4-12" ONE-LOK SLCEH bell joint harness for PVC pipe

PV-LOK™ Serration Lock Restraints



- 4-48" PV-LOK PWM Restraint for MJ Fitting to PVC pipe
- 4-48" PV-LOK PWP Restraint for PVC bell joint restraint
- 4-48" PV-LOK PWPF Restraint for PVC fitting to PVC pipe
- 4-12" PV-LOK PWH PVC bell joint harness
- 2-12" PV-LOK PVM Restraint for MJ Fitting to IPS PVC pipe
- 2-12" PV-LOK PVP Restraint for IPS PVC pipe bell joint
- 4-8" PV-LOK PVPF Restraints for IPS PVC pressure fitting

Flange Adapters



- 3-36" SIGMAFLANGE SFA flange adapter sleeve for PVC and DIP
- 2-48" ZIP FLANGE set screw style flange adapter

Municipal Construction Castings



- Manhole Rings and Covers
- Curb and Meter Boxes
- Frames and Grates
- Storm Inlets
- Valve Boxes, Risers, and Extensions

Products for the Ductile Iron Fabricator



- 3-64" High Hub Threaded Flanges
- 3-48" Tapped High Hub Threaded Flanges
- 3-36" Extra Heavy 250lb Drilled Threaded Flanges
- 3-48" Threaded MJ Bell Adapters
- 3-48" MJ x PE Bell adapter (2ft)
- 3-48" Anchor Flanges
- 3-16" Filler Flanges

Extended Range Products



- FLANGE-PAK™ prepackaged flange accessory sets
- Polyethylene encasement for ductile iron pipe
- Copper tubing products
- Tracer wire & detectable/non-detectable marking tape
- Pipe joint lubricant & hydraulic cement
- Socket clamps and tie rod accessories
- BOXLOK Valve Box Alignment Device
- Cast Iron Companion Flanges

TRIM-TYTON and TYTON are registered trademarks of the United States Pipe and Foundry Company
PROTECTO 401 is a registered trademark of Induron, Inc.