

DATE: 3/17/2017

INVITATION TO BID
THIS IS NOT AN ORDER

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BID NO.: 50-00119293

JEFFERSON PARISH

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

VENDOR: _____

BUYER: SFOLSE

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

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

JEFFERSON PARISH is expecting all products to be new and all work is to be done in a workman-like manner, according to standard practices. Any deviations or alterations from the specifications must be indicated and backup documentation supplied with your quotation.

DELIVERY: FOB JEFFERSON PARISH	
INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES	<u>3-5 DAYS</u>
INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK	_____
INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK	_____

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

Acknowledge Receipt of Addenda: NUMBER: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

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

*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***	
FIRM NAME: <u>CumSCO</u>	
SIGNATURE: <u>[Signature]</u> (Must be signed here)	TITLE: <u>SALES</u>
PRINT OR TYPE NAME: <u>JEFF DEVILLIER</u>	
ADDRESS: <u>1840 LVA RD.</u>	
CITY, STATE: <u>METairie, LA</u>	ZIP: <u>70001</u>
TELEPHONE: <u>(504) 835-7319</u>	FAX: <u>(504) 832-0820</u>
EMAIL ADDRESS: <u>JEFF@CumSCO.com</u>	

TOTAL PRICE OF ALL BID ITEMS: \$ 1484.54

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INVITATION TO BID FROM JEFFERSON PARISH - continued

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SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	84.00	EA	STOCK SUPPLIES FOR THE JEFFERSON PARISH EASTBANK SEWERAGE WAREHOUSE 0001 - Shackle, anchor, 1/4 in, forged 316 stainless steel, 1000 (.5T) WLL oversize screw pin, Fastenal no 74655 (0271050)	N/B	-
2	36.00	EA	0002 - Shackle, anchor, 5/8 in opening, screw pin, 316 stainless steel, 3000 pound working load, Cooper no. 640-2110 (0271110)	N/B	-
3	125.00	EA	0003 - Clamp, cable, 3/8 in, grade 316 stainless steel, Fastenal no. 74611 (0271350)	N/B	-
4	36.00	EA	0004 - Bolt, eye, 5/16 in-18, 4-1/4 in long shank, forged galvanized, with nut, 800 pound working load limit, Crosby G-291 no. 1043294 (0271620)	N/B	-
5	24.00	EA	0005 - Bolt, eye, 3/8 in x 4-1/2 in long galvanized with nut, 1550 pound working load limit, Crosby G-291 no. 1043338 (0271640)	N/B	-
6	48.00	EA	0006 - Bolt, eye, 1/2 in - 13, 3-1/4 in long shank, forged galvanized, with nut, 2200 pound working load limit, without shoulder, Crosby G-291 no. 1043374 (0271660)	N/B	-
7	60.00	EA	0007 - Bushing, galvanized, 3/8 inch x 1/4 inch, schedule 40 (0289960)	N/B	-
8	24.00	EA	0008 - Bushing, hex, 3/4 inch x 1/2 inch grade no. 316 stainless steel, 150 pound threaded fittings, merit brand (029005A)	N/B	-
9	4.00	EA	0009 - Elbow, 45 degree, galvanized, 4 inch, schedule 40	N/B	-

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ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
10	12.00	EA	(0291720) 0010 - Plug, 1/8 inch, galvanized, schedule 40, square head, solid	N/B	-
11	12.00	EA	(0292340) 0011 - Plug, galvanized, 2 inch, schedule 40, square head, solid	N/B	-
12	12.00	EA	(0292700) 0012 - Nipple, 1-1/4 in x 2 in long, grade no. 316 stainless steel,	N/B	-
13	600.00	LF	Merit brand (029715A) 0013 - Tubing, poly-flo, 3/8 in od, Imperial-Eastman no. 66-P-3/8,	N/B	-
14	20.00	PK	natural color (0304340) 0014 - Tubing, polyethylene, 1/4 inch od, type 1, grade E5, black, 120 PSI	N/B	-
15	12.00	EA	working pressure, 100 feet per package, Parker brand part no. EB-43-0100 (0304360) 0015 - Bushing, hex, 2 inch x 3/4 inch, brass, 150 pound, Merit no. 114 or equal	N/B	-
16	2.00	ROLL	(0371240) 0016 - Cable, stainless steel, 3/8 inch diameter, grade 304, 7 x 19	N/B	-
17	60.00	EA	construction, 12,000 pound breaking strength, 1000 feet per reel, Wireco brand or equal (0487510) 0017 - Elbow, PVC, schedule 80, 90 90 degree, 1/2 in, female socket x	.45	27.00
18	36.00	EA	female socket, electrical fittings are not acceptable, Fastenal no. 0470926 (0690040) 0018 - Elbow, 90 degree, schedule 80 PVC, 3/4 in. female thread x female	2.09	75.24

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ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
19	96.00	EA	socket, electrical conduit is not acceptable (0690070) 0019 - Elbow, PVC, schedule 80, 90 degree, 1 in, female socket x female	.93	89.28
20	48.00	EA	socket, (electrical fittings are not acceptable) (0690080) 0020 - Elbow, schedule 80 PVC, 90 degree, 3 inch socket x socket,	4.24	203.52
21	12.00	EA	electrical conduit is not acceptable, Fastenal no. 047399 (0690160) 0021 - Elbow, PVC, schedule 80, 90 degree, 4 in, female socket x female	6.45	77.40
22	60.00	EA	socket, electrical fitting are not acceptable (0690180) 0022 - Coupling, PVC, schedule 80, 1/2 in, socket x socket, (electrical	.82	49.20
23	12.00	EA	fittings are not acceptable) (0690200) 0023 - Tee, PVC, schedule 80, 1/2 in, female pipe thread x female pipe x	1.47	17.64
24	6.00	EA	female pipe thread, electrical fittings are not acceptable (0690370) 0024 - Union, pipe, schedule 80 PVC, 1-1/4 inch, female socket x female	4.83	28.98
25	48.00	EA	socket, must have Viton o-ring seat (0690580) 0025 - Adapter, PVC, schedule 80, male, 1/2 in, female socket x male thread,	.96	46.08
26	36.00	EA	electrical conduit is not acceptable (0690690) 0026 - Adapter, male, PVC, schedule 80, 1 in, female socket x male pipe thread	1.83	65.88

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ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
27	24.00	EA	(electrical conduit fittings are not acceptable) (0690920) 0027 - Adapter, male, schedule 80 PVC, 2 inch, socket x male thread, must be constructed as one piece, electrical conduit is not acceptable, Fastenal no. 0470498 (0690930)	4.44	106.56
28	6.00	EA	0028 - Adapter, female, schedule 80 PVC, 3 inch female socket x female thread, constructed as one piece, electrical conduit is not acceptable, Fastenal no. 0470491 (0690940)	10.33	61.98
29	400.00	LF	0029 - Pipe, PVC, schedule 80, 1-1/2 in x 20 FT, plain ends, electrical conduit is not acceptable, Fastenal no. 0472015 (0691080)	N/B	-
30	6.00	EA	0030 - Cap, PVC, schedule 80, 4 inch, socket, electrical conduit is not acceptable, 5 per case, Fastenal no. 0470597 (0691770)	14.39	86.34
31	24.00	EA	0031 - Valve, ball, schedule 80 PVC, true union, 1 inch, to include female socket ends and FPT ends (0692020)	15.75	378 ⁰⁰
32	4.00	EA	0032 - Nipple, PVC, schedule 80, 4 inch x close, male thread x male thread (electrical conduit fittings are not acceptable) (0692650)	4.25	17 ⁰⁰
33	18.00	EA	0033 - Coupling, air hose, 1/2 in female N.P.T. ends, quick-acting, cadmium plated, Airking no. AM-3 (0301730)	N/B	-
34	60.00	EA	0034 - Elbow, 90 degree, 3/4 in, schedule 80 PVC, socket x socket,	.58	34.80

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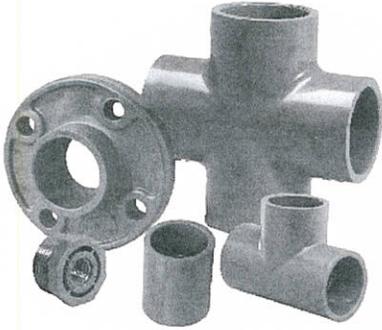
BID NO.: 50-00119293

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
35	12.00	EA	electrical conduit is not acceptable (0690060) 0035 - Union, pipe, schedule 80 PVC, 3/4 inch, female pipe thread x female pipe thread, must have Viton o-ring seat. (0691520)	2.73	32.76
36	24.00	EA	0036 - Union, pipe, schedule 80 PVC, 1 inch, female pipe thread x female pipe thread, must have Viton o-ring seat (0691530)	3.62	86.88

SUBMITTAL SHEET

SCHEDULE 80 PVC



LASCO Fittings, Inc., an Aalberts Industries company, specializes in the production and sale of injection molded fittings for Irrigation, Plumbing, Industrial, Pool/Spa and Retail markets. LASCO Fittings, Inc. operates a 26-acre manufacturing facility in Brownsville, TN. With eight Regional Distribution Facilities strategically located within the United States, LASCO provides worldwide distribution and overnight service.

Injection Molded PVC Pipe Fittings in sizes 3/8" through 12"

LASCO Fittings, Inc.'s comprehensive line of PVC injection molded fittings offers a variety of configurations in sizes 3/8" through 12". Schedule 80 fittings are manufactured to ASTM D 2467.

STANDARDS AND SPECIFICATIONS – Schedule 80 PVC

- ASTM D-1784 – Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.
- ASTM D-2464 – Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80.
- ASTM D-2467 – Socket Type Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80.
- ASTM F-1970 – Standard Specification for Special Engineered Fittings, Appurtenances or Valves for use in Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems.

MATERIAL – LASCO Schedule 80 Fittings are produced from PVC Type 1, Cell Classification 12454- B.
- O-Rings are produced from a fluorocarbon elastomer (VITON).

LISTINGS – NSF (National Sanitation Foundation) for potable water services.

DO NOT USE LASCO FITTINGS FOR COMPRESSED AIR OR GASES.
DO NOT TEST PVC PIPING SYSTEMS WITH COMPRESSED AIR OR GASES.
DO NOT USE FITTINGS WITH LIQUIDS NOT RECOMMENDED BY LASCO.
MODIFICATIONS OF FITTINGS VOIDS THE WARRANTY.



Limited Warranty

LASCO Fittings, Inc. products are warranted to be free from manufacturing defects in materials and workmanship. They are warranted against rot, rust, and electrolytic corrosion for a period of three years from date of installation. If LASCO products prove defective due to manufacturing defects in material or workmanship during that period, the manufacturer will provide new replacement units of the same type and size. No remedy will be granted under this warranty if LASCO products are not used strictly in accordance with LASCO's directions with respect to use and storage or if the products have been modified in any way. THE MANUFACTURER'S LIABILITY UNDER EXPRESSED OR IMPLIED WARRANTY OR FOR ANY REASON IS LIMITED TO FURNISHING REPLACEMENT UNITS OR GRANTING A CREDIT FOR DEFECTIVE UNITS. NO LABOR EXPENSE OR CONSEQUENTIAL DAMAGES WILL BE PAID BY LASCO. THIS WARRANTY IS IN LIEU OF ALL OTHER GUARANTEES AND WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PURPOSE, EXCEPT FOR ANY WARRANTIES IMPLIED BY LAW FOR NONCOMMERCIAL CONSUMERS. ANY SUCH WARRANTIES ARE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY.

414 Morgan Street • Brownsville, TN 38012
(731) 772-3180 | www.lascofittings.com

This specification is provided for reference only. LASCO Fittings, Inc reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to LASCO products previously or subsequently sold. Please visit our website www.lascofittings.com for the most current information.

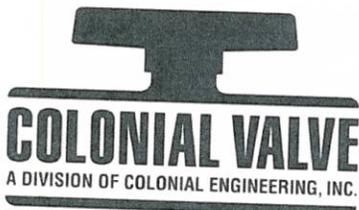
Features and Benefits

- Thermoplastic design eliminates process and atmospheric corrosion.
- Pressure rating: 235 psi, non-shock water at 73° F, 1/2 - 2", 150 psi for 2-1/2 - 4". Standard Port in sizes 1/2, 3/4, 1, 2, & 3". Full Port in sizes 1-1/2, 2-1/2, and 4".
- NSF-61 Product also Certified to NSF/ANSI 61, Annex G and is in compliance with California's Health & Safety Code Section 116875 (commonly known as AB1953) and Vermont Act 193.
- Socket dimensions meet ASTM requirements. PVC: D-2467, D-2464, CPVC: F-439, F437
- Floating ball design for positive seal.
- True Union design permits easy removal of valve body for service.
- Blocked carrier. Handle can be removed and used as a tool to remove blocking carrier during valve disassembly. The carrier is threaded into the body and can be tightened to adjust for seat wear. Valve cartridge must be removed from system for maintenance.



Certified to
NSF/ANSI 61 & 372

For fluid handling only. Do not use with compressed air or gas.



The Commercial (050N) Series answers the need for a high quality, economically priced, true union ball valve for use in industrial, water treatment, pool/spa, and commercial plumbing applications. Available in 1/2 - 4" sizes.



1/2 - 2"

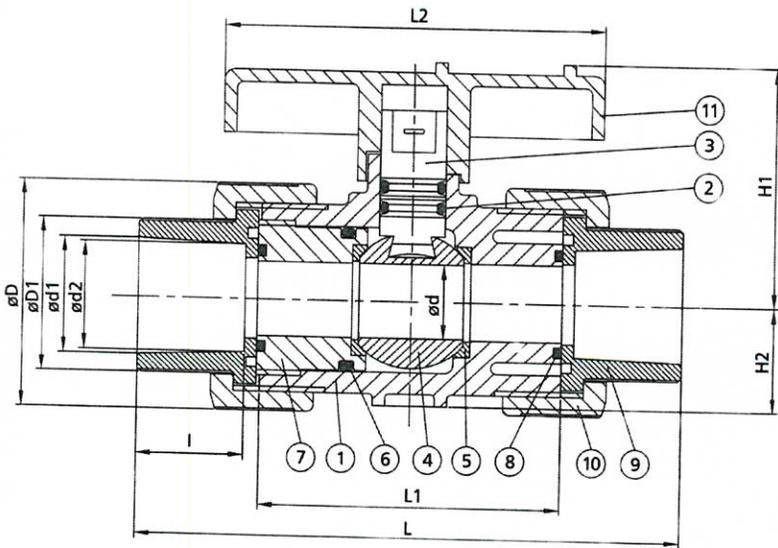


2-1/2 - 4"

NOTE: For Full Port Sch 80, larger sizes, more material options, or actuation, see the Colonial Industrial Series Full Block True Union Ball Valve.

Rev 110515 for PVC/FKM part numbers

CUSTOMER SERVICE: 6400 Corporate Ave., Portage, MI 49002
Toll-free (800)374 0234, Phone (269)323 2495, Fax (269) 323 0630 www.colonialengineering.com



1/2 – 2-1/2" Sizes include both Socket and Threaded End Connectors. Shaded items are special order. Call Customer Service for pricing and lead time. Non-shaded items are stocked.

Size	PVC/EPDM	PVC/FKM	CPVC/EPDM	CPVC/FKM
1/2	V07050N	V07052N	V07053N	V07054N
3/4	V08050N	V08052N	V08053N	V08054N
1	V10050N	V10052N	V10053N	V10054N
1-1/4	V14050N	V14052N	V14053N	V14054N
1-1/2	V17050N	V17052N	V17053N	V17054N
2	V20050N	V20052N	V20053N	V20054N
2-1/2	V27050N	V27052N	V27053N	V27054N
	SxS	SxS	SxS	SxS
3	V30050N	V30052N	V30053N	V30054N
			TxT	
			V30153N	
	SxS	SxS	SxS	SxS
4	V40050N	V40052N	V40053N	V40054N
			TxT	
			V40153N	

Dimensions (Inch)

	1/2"	3/4"	1"	1-1/4"	1-1/2"	2	2-1/2"	3"	4"
d1	0.8480	1.058	1.325	1.670	1.911	2.375	2.888	3.513	4.518
d2	0.8358	1.046	1.310	1.655	1.894	2.375	2.868	3.492	4.490
l	0.8748	0.998	1.125	1.249	1.375	1.500	1.749	1.875	2.250
D	1.8223	2.185	2.626	3.228	3.877	4.750	5.511	6.417	8.858
D1	1.2320	1.468	1.755	2.118	2.519	2.992	3.602	4.232	5.728
d	0.5120	0.709	0.906	1.181	1.496	1.880	2.401	2.716	3.897
Port*	S	S	S	S	F	S	F	S	F
L	4.4880	5.196	5.669	6.692	6.929	8.149	10.862	11.970	13.070
L1	2.3620	2.874	3.110	3.464	3.740	4.488	6.220	5.563	6.929
L2	3.0300	3.779	4.330	4.990	5.629	5.787	7.086	8.858	9.862
H1	1.8890	2.244	2.756	2.952	3.434	4.448	5.020	5.708	7.165
H2	0.8070	1.023	1.299	1.535	1.653	2.000			

*Sch 80 Port S=Standard, F= Full

NO.	Part	Material	Quantity
1	Body	PVC, CPVC	1
2	Stem O-Ring	EPDM, FKM	2
3	Stem	PVC, CPVC	1
4	Ball	PVC, CPVC	1
5	Seat Seal	PTFE Teflon®	2
6	Carrier O-Ring	EPDM, FKM	1
7	Seal Carrier	PVC, CPVC	1
8	Union O-Ring	EPDM, FKM	2
9	End Connector	PVC, CPVC	2
10	Union Nut	PVC, CPVC	2
11	Handle	ABS, PP	1

Teflon® is a registered trademark of DuPont Dow Elastomers.

Temperature De-rating:

Temp (°F)	PVC	CPVC
73	1.00	1.00
80	0.88	0.96
90	0.75	0.92
100	0.62	0.85
110	0.50	0.77
120	0.40	0.70
130	0.30	0.62
140	0.22	0.55
150	NR	0.47
160	NR	0.40
170	NR	0.32
180	NR	0.25
200	NR	0.18
210	NR	0.15
220	NR	NR

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 Toll-free (800)374 0234, Phone (269)323 2495, Fax (269) 323 0630 www.colonialengineering.com

SUBMITTAL SHEET

NIPPLES: SCHEDULE 80 PVC & CPVC



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Injection Molded PVC Nipples in sizes 1/2" through 4"

LASCO Fittings, Inc.'s line of PVC injection molded and machine threaded PVC Nipples offers a variety of configurations in sizes 1/4" through 4" in diameter and lengths ranging from 1 3/8" through 36".

STANDARDS AND SPECIFICATIONS – PVC & CPVC Nipples

ASTM D-2464 – Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80.

ASTM F-437 – Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings.

ASTM D-1784 – Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.

ASTM D-1785 – Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120.

MATERIAL – LASCO Schedule 80 Fittings are produced from PVC Type 1, Grade 1, Cell Classification 12454-B. LASCO CPVC Fittings are produced from Type IV, Grade 1, Cell Classification 23447-B.

DO NOT USE LASCO FITTINGS FOR COMPRESSED AIR OR GASES.
DO NOT TEST PVC PIPING SYSTEMS WITH COMPRESSED AIR OR GASES.
DO NOT USE FITTINGS WITH LIQUIDS NOT RECOMMENDED BY LASCO.
MODIFICATIONS OF FITTINGS VOIDS THE WARRANTY.



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