

BID TABULATION - ROADWAY DRAINAGE PIPE

<b>BID TABULATIONS</b> <b>IFB - ROADWAY DRAINAGE</b> <b>PIPE</b> <b>BID OPENING DATE</b> <b>12-8-15</b>	<b>METAL</b> <b>CULVERTS, INC.</b>	<b>COUNTY</b> <b>MATERIALS</b> <b>CORP.</b>	<b>CONTECH</b> <b>ENGINEERED</b> <b>SOLUTIONS</b>	<b>FRED WEBER</b> <b>REINFORCED</b> <b>CONCRETE</b> <b>PRODUCTS</b>	<b>MIDWEST</b> <b>MUNICIPAL</b> <b>SUPPLY</b>
	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
<b>POLYVINYL CHLORIDE (PVC) - COST PER FOOT (PAGE 11)</b>					
<b>COMMENTS:</b>					A-2000
15"	NO BID	NO BID	\$7.80	NO BID	\$7.78
18"			\$10.64		\$10.61
21"			\$14.39		\$14.36
24"			\$18.07		\$18.03
30"			\$26.45		\$26.39
36"			\$35.94		\$35.85
<b>POLYPROPYLENE PIPE (DOUBLE WALLED) - COST PER FOOT (PAGE 12)</b>					
15"	NO BID	NO BID	NO BID	NO BID	\$7.56
18"					\$9.85
21"					\$15.74
24"					\$16.06
30"					\$27.11
<b>POLYPROPYLENE PIPE (TRIPLE WALLED) - COST PER FOOT (PAGE 12)</b>					
30"	NO BID	NO BID	NO BID	NO BID	\$27.74
36"					\$36.06
42"					\$45.43
48"					\$55.85
54"					N/A
60"					\$88.37
<b>POLYETHYLENE PIPE - CORRUGATED - COST PER FOOT (PAGE 13)</b>					
15"	NO BID	NO BID	\$7.78	NO BID	\$6.54
18"			\$10.73		\$8.50
21"			NO BID		N/A
24"			\$17.68		\$14.58
30"			\$27.11		\$20.66
36"			\$33.16		\$27.47
42"			\$38.92		\$36.64
48"			\$50.88		\$44.79
54"			NO BID		N/A
60"			NO BID		\$67.37
<b>POLYETHYLENE PIPE - STEEL REINFORCED - COST PER FOOT (PAGE 13)</b>					
<b>COMMENTS:</b>					<b>DUROMAX</b>
15"	NO BID	NO BID	NO BID	NO BID	N/A
18"			NO BID		N/A
21"			NO BID		N/A
24"			NO BID		N/A
30"			\$49.26		\$51.73
36"			\$61.01		\$64.06
42"			\$71.80		\$75.39
48"			\$80.62		\$84.66
54"			\$91.49		\$96.07
60"			\$129.00		\$135.45
66"			\$201.46		N/A
72"			\$216.75		N/A
84"			\$323.44		N/A
<b>REINFORCED CONCRETE PIPE - ROUND PIPES (PAGE 14)</b>					

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<b>BID TABULATIONS</b> <b>IFB - ROADWAY DRAINAGE</b> <b>PIPE</b> <b>BID OPENING DATE</b> <b>12-8-15</b>	<b>METAL</b> <b>CULVERTS, INC.</b>	<b>COUNTY</b> <b>MATERIALS</b> <b>CORP.</b>	<b>CONTECH</b> <b>ENGINEERED</b> <b>SOLUTIONS</b>	<b>FRED WEBER</b> <b>REINFORCED</b> <b>CONCRETE</b> <b>PRODUCTS</b>	<b>MIDWEST</b> <b>MUNICIPAL</b> <b>SUPPLY</b>
	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
MINIMUM DELIVERY REQUIRED:	NO BID	YES/ \$600.00 UNDER FULL LOAD	NO BID	NO	YES
COMMENTS		QUOTE BASED ON TRUCK LOAD LOTS. ALL PIPE QUOTED IN 8' LENGTHS.		SMALL LOAD DELIVERY CHARGE WILL BE ADDED TO SMALL LOAD (VARIES). PAILS OF LUBRICANT & SEWERTITE \$45.00/ PAIL. MINIMUM 3 WKS NOTICE ON ELLIPTICAL PURCHASES. MINIMUM 3 DAY NOTICE FOR ALL SCHEDULED DELIVERIES	AMOUNT WILL VARY BASED ON PIPE SIZE PER LOAD
<b>CLASS III PRICE PER 7.5' SECTION (PAGE 15)</b>					
15"	NO BID	NO BID	NO BID	NO BID	NO BID
18"					
21"					
24"					
30"					
36"					
42"					
48"					
54"					
60"					
72"					
84"					
96"					
<b>CLASS III PRICE PER 8' SECTION (PAGE 15)</b>					
15"	NO BID	\$12.62	NO BID	\$96.80	NO BID
18"		\$16.24		\$127.20	
21"		\$20.39		\$185.20	
24"		\$24.45		\$185.20	
30"		\$34.99		\$269.60	
36"		\$46.83		\$390.00	
42"		\$72.24		\$489.60	
48"		\$76.90		\$616.80	
54"		\$109.74		\$785.60	
60"		\$132.20		\$942.80	
72"		\$181.45		\$1,402.00	
84"		\$229.84		\$2,117.60	
96"		UPON REQUEST ONLY		\$2,670.00	
<b>CLASS III FLARED END SECTION (PAGE 15)</b>					
15"	NO BID	\$433.13	NO BID	\$330.00	NO BID
18"		\$553.44		\$363.00	
21"		\$618.75		\$462.00	
24"		\$741.13		\$495.00	
30"		\$914.38		\$682.00	
36"		\$986.56		\$1,116.50	
42"		\$1,294.56		\$984.50	

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<b>BID TABULATIONS IFB - ROADWAY DRAINAGE PIPE BID OPENING DATE 12-8-15</b>	<b>METAL CULVERTS, INC.</b>	<b>COUNTY MATERIALS CORP.</b>	<b>CONTECH ENGINEERED SOLUTIONS</b>	<b>FRED WEBER REINFORCED CONCRETE PRODUCTS</b>	<b>MIDWEST MUNICIPAL SUPPLY</b>
	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
48"		\$1,576.09		\$1,171.50	
54"		\$1,982.75		\$1,667.00	
60"		\$3,000.94		\$1,930.50	
72"		\$4,571.88		\$5,054.50	
84"		\$6,242.50		\$9,000.00	
96"		UPON REQUEST ONLY		UPON REQUEST ONLY	
<b>CLASS V PRICE PER 7.5' SECTION (PAGE 15)</b>					
15"	NO BID	NO BID	NO BID	NO BID	NO BID
18"					
21"					
24"					
30"					
36"					
42"					
48"					
54"					
60"					
72"					
84"					
96"					
<b>CLASS V PRICE PER 8' SECTION (PAGE 15)</b>					
15"	NO BID	\$17.81	NO BID	\$116.80	NO BID
18"		\$22.93		\$151.60	
21"		\$28.78		\$185.20	
24"		\$36.06		\$258.00	
30"		\$51.61		\$404.80	
36"		\$69.06		\$662.40	
42"		\$106.52		\$736.00	
48"		\$137.74		\$881.60	
54"		\$206.97		\$1,118.80	
60"		\$249.34		\$1,345.20	
72"		\$370.95		\$1,002.80	
84"		SPECIAL DESIGN		UPON REQUEST ONLY	
96"		UPON REQUEST ONLY		UPON REQUEST ONLY	
<b>CLASS V FLARED END SECTION (PAGE 15)</b>					
15"	NO BID	\$433.13	NO BID	NO BID	NO BID
18"		\$553.44			
21"		\$618.75			
24"		\$741.13			
30"		\$914.38			
36"		\$986.56			
42"		\$1,294.56			
48"		\$1,576.09			
54"		\$1,982.75			
60"		\$3,000.94			
72"		\$4,571.88			
84"		\$6,242.50			
96"		UPON REQUEST ONLY			

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<b>BID TABULATIONS</b> <b>IFB - ROADWAY DRAINAGE</b> <b>PIPE</b> <b>BID OPENING DATE</b> <b>12-8-15</b>	<b>METAL</b> <b>CULVERTS, INC.</b>	<b>COUNTY</b> <b>MATERIALS</b> <b>CORP.</b>	<b>CONTECH</b> <b>ENGINEERED</b> <b>SOLUTIONS</b>	<b>FRED WEBER</b> <b>REINFORCED</b> <b>CONCRETE</b> <b>PRODUCTS</b>	<b>MIDWEST</b> <b>MUNICIPAL</b> <b>SUPPLY</b>
	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
<b>REINFORCED CONCRETE PIPE - ELLIPTICAL PIPES (PAGE 15)</b>					
<b>CLASS III PRICE PER 7.5' SECTION</b>					
18"	NO BID	NO BID	NO BID	NO BID	
24"					
30"					
36"					
42"					
48"					
60"					
72"					\$2,842.00
84"					\$5,186.00
96"					\$5,650.00
<b>CLASS III PRICE PER 8' SECTION (PAGE 15)</b>					
<b>COMMENTS</b>		<b>HE III</b>			
18"	NO BID	\$31.99	NO BID	\$366.00	\$447.00
24"		\$55.78		\$440.00	\$532.00
30"		\$70.45		\$611.60	\$696.00
36"		\$102.54		\$734.00	\$841.00
42"		\$139.16		\$943.20	\$1,032.00
48"		\$166.60		\$1,138.00	\$1,260.00
60"		\$255.12		\$1,670.00	\$1,814.00
72"		\$344.69		N/A	
84"		NO BID		N/A	
96"		NO BID		N/A	
<b>CLASS III FLARED END SECTION (PAGE 15)</b>					
18"	NO BID	\$664.13	NO BID	\$457.00	\$385.00
24"		\$889.36		\$584.00	\$500.00
30"		\$1,097.26		\$748.00	\$588.00
36"		\$1,183.88		\$1,243.50	\$975.00
42"		\$1,941.84		\$1,580.00	\$1,180.00
48"		\$2,364.50		\$1,955.60	\$1,415.00
60"		\$4,501.41		\$3,771.15	\$2,706.00
72"		\$6,857.81		N/A	
84"		NO BID		N/A	
96"		NO BID		N/A	
<b>CLASS V PRICE PER 7.5' SECTION (PAGE 15)</b>					
<b>COMMENTS:</b>					<b>CLASS IV</b>
18"	NO BID	NO BID	NO BID	NO BID	
24"					
30"					
36"					
42"					
48"					
60"					
72"					\$3,286.00
84"					\$6,269.00
96"					\$7,197.00
<b>CLASS V PRICE PER 8' SECTION (PAGE 15)</b>					
<b>COMMENTS</b>		<b>HE V</b>			<b>CLASS IV</b>

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	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
18"	NO BID	\$35.00	NO BID	NO BID	\$466.00
24"		\$59.50			\$560.00
30"		\$75.25			\$741.00
36"		\$109.38			\$905.00
42"		\$148.75			\$1,178.00
48"		\$232.06			\$1,514.00
60"		\$331.65			\$2,332.00
72"		\$435.09			
84"		NO BID			
96"		NO BID			
<b>CLASS V FLARED END SECTION (PAGE 15)</b>					
18"	NO BID	\$644.13	NO BID	NO BID	NO BID
24"		\$889.36			
30"		\$1,097.26			
36"		\$1,183.88			
42"		\$1,941.84			
48"		\$2,364.50			
60"		\$4,501.41			
72"		\$6,857.81			
84"		NO BID			
96"		NO BID			
<b>CORRUGATED METALLIC CULVERT PIPE (PAGE 16)</b>					
MINIMUM DELIVERY REQUIRED:	NO	NO BID	YES	NO BID	YES
COMMENTS:			VARIES PER DIAMETER. TRUCKS TO BE REASONABLY FULL.		AMOUNT WILL VARY BASED ON PIPE SIZE PER LOAD
<b>METALLIC COATED RIVETED PIPE (2 2/3" X 1/2" CORRUGATION) (PAGE 17)</b>					
15" - COATING TYPE:	GALVANIZED	NO BID	ZINC	NO BID	ZINC
COST PER FOOT:	\$10.37		\$10.51		\$10.51
CONNECTING BANDS (EA):	\$10.37		\$15.76		\$15.77
FLARED END SECTIONS (EA):	\$53.55		\$58.00		\$58.39
18" - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$12.26		\$12.61		\$12.61
CONNECTING BANDS (EA):	\$12.26		\$18.91		\$18.92
FLARED END SECTIONS (EA):	\$69.40		\$75.10		\$75.71
21" - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$14.60		\$14.71		\$14.71
CONNECTING BANDS (EA):	\$14.60		\$22.07		\$22.07
FLARED END SECTIONS (EA):	\$83.50		\$90.34		\$91.06
24" - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$16.35		\$16.81		\$16.81
CONNECTING BANDS (EA):	\$16.35		\$25.22		\$25.22
FLARED END SECTIONS (EA):	\$103.55		\$112.10		\$113.00
30" - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$20.08		\$21.02		\$21.03
CONNECTING BANDS (EA):	\$30.12		\$31.52		\$31.55
FLARED END SECTIONS (EA):	\$174.70		\$204.60		\$206.25
36" COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$33.12		\$33.84		\$33.85

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	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
CONNECTING BANDS (EA):	\$49.68		\$50.76		\$50.78
FLARED END SECTIONS (EA):	\$281.55		\$329.81		\$332.46
42" - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$38.81		\$39.37		\$39.37
CONNECTING BANDS (EA):	\$58.22		\$59.05		\$59.06
FLARED END SECTIONS (EA):	\$644.95		\$625.00		\$627.05
48" COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$44.21		\$44.89		\$44.90
CONNECTING BANDS (EA):	\$66.32		\$67.34		\$67.35
FLARED END SECTIONS (EA):	\$736.70		\$724.00		\$730.80
<b>METALLIC COATED RIVETED PIPE (2 2/3" X 1/2" CORRUGATION) (EXTRA PAGE 17)</b>					
<b>COMMENTS:</b>			<b>NOT RIVETED, HELCOR</b>		<b>NOT RIVETED, HELCOR</b>
15" - COATING TYPE:	ALUMINIZED	N/A	ZINC	N/A	ZINC
COST PER FOOT:	\$11.22		\$8.98		\$8.98
CONNECTING BANDS (EA):	\$11.22		\$13.46		
FLARED END SECTIONS (EA):	\$92.10		\$58.00		
18" - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$13.27		\$10.75		\$10.76
CONNECTING BANDS (EA):	\$13.27		\$16.13		
FLARED END SECTIONS (EA):	\$119.35		\$75.10		
21" - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$15.80		\$12.59		\$12.59
CONNECTING BANDS (EA):	\$15.80		\$18.89		
FLARED END SECTIONS (EA):	\$143.65		\$90.34		
24" - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$17.70		\$14.87		\$14.87
CONNECTING BANDS (EA):	\$17.70		\$22.30		
FLARED END SECTIONS (EA):	\$178.20		\$112.10		
30" - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$21.73		\$17.96		\$17.96
CONNECTING BANDS (EA):	\$32.60		\$26.93		
FLARED END SECTIONS (EA):	\$325.25		\$204.60		
36" COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$35.88		\$28.81		\$28.82
CONNECTING BANDS (EA):	\$53.82		\$43.22		
FLARED END SECTIONS (EA):	\$524.30		\$329.81		
42" - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$42.04		\$33.52		\$33.52
CONNECTING BANDS (EA):	\$63.06		\$50.27		
FLARED END SECTIONS (EA):	\$988.95		\$625.00		
48" COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$47.87		\$38.22		\$38.22
CONNECTING BANDS (EA):	\$71.81		\$57.33		
FLARED END SECTIONS (EA):	\$1,150.90		\$724.00		
<b>METALLIC COATED RIVETED PIPE (3" X 1" CORRUGATION) (PAGE 17)</b>					
54" - COATING TYPE:	GALVANIZED	NO BID	ZINC	NO BID	ZINC
COST PER FOOT:	\$60.08		\$65.05		\$65.05
CONNECTING BANDS (EA):	\$120.16		\$97.57		\$97.58
FLARED END SECTIONS (EA):	\$906.05		\$858.00		\$864.87

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	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
60"- COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$65.78		\$72.10		\$72.11
CONNECTING BANDS (EA):	\$131.56		\$108.15		\$108.17
FLARED END SECTIONS (EA):	\$1,359.10		\$1,286.50		\$1,297.31
66"- COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$71.78		\$79.16		\$79.16
CONNECTING BANDS (EA):	\$143.56		\$118.73		\$118.74
FLARED END SECTIONS (EA):	\$1,461.00		\$1,384.00		\$1,394.59
72"- COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$78.15		\$86.23		\$86.21
CONNECTING BANDS (EA):	\$156.30		\$129.31		\$129.32
FLARED END SECTIONS (EA):	\$1,619.60		\$1,533.70		\$1,545.97
84"- COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$90.98		\$103.00		\$103.01
CONNECTING BANDS (EA):	\$181.96		\$154.51		\$154.52
FLARED END SECTIONS (EA):	\$1,914.00		\$1,812.50		\$1,827.05
96"- COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$103.80		\$118.29		\$118.30
CONNECTING BANDS (EA):	\$207.60		\$177.44		\$177.45
FLARED END SECTIONS (EA):	\$2,539.25		\$2,403.75		\$2,423.81
108"- COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$148.65		\$161.87		\$161.88
CONNECTING BANDS (EA):	\$297.30		\$242.81		\$242.82
FLARED END SECTIONS (EA):	N/A				
120"- COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$165.00		\$179.44		\$179.44
CONNECTING BANDS (EA):	\$330.00		\$269.15		\$269.16
FLARED END SECTIONS (EA):	N/A				
<b>METALLIC COATED RIVETED PIPE (3" X 1" CORRUGATION) (EXTRA PAGE 17)</b>					
<b>COMMENTS:</b>			<b>NOT RIVETED, HELCOR</b>		<b>NOT RIVETED, HELCOR</b>
54" - COATING TYPE:	ALUMINIZED	N/A	ZINC	N/A	ZINC
COST PER FOOT:	\$64.88		\$50.11		\$50.12
CONNECTING BANDS (EA):	\$129.76		\$75.17		
FLARED END SECTIONS (EA):	\$1,364.00		\$858.00		
60"- COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$71.04		\$56.41		\$56.42
CONNECTING BANDS (EA):	\$142.08		\$84.62		
FLARED END SECTIONS (EA):	\$2,046.00		\$1,286.50		
66"- COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$77.52		\$61.83		\$61.83
CONNECTING BANDS (EA):	\$155.04		\$92.74		
FLARED END SECTIONS (EA):	\$2,199.50		\$1,384.00		
72"- COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$84.40		\$67.22		\$67.23
CONNECTING BANDS (EA):	\$168.80		\$100.83		
FLARED END SECTIONS (EA):	\$2,438.20		\$1,533.70		
84"- COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$98.25		\$75.26		\$75.27
CONNECTING BANDS (EA):	\$196.50		\$112.90		

BID TABULATION - ROADWAY DRAINAGE PIPE

<b>BID TABULATIONS IFB - ROADWAY DRAINAGE PIPE BID OPENING DATE 12-8-15</b>	<b>METAL CULVERTS, INC.</b>	<b>COUNTY MATERIALS CORP.</b>	<b>CONTECH ENGINEERED SOLUTIONS</b>	<b>FRED WEBER REINFORCED CONCRETE PRODUCTS</b>	<b>MIDWEST MUNICIPAL SUPPLY</b>
	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
FLARED END SECTIONS (EA):	\$2,881.50		\$1,812.50		
96"- COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$112.10		\$86.90		\$86.90
CONNECTING BANDS (EA):	\$224.20		\$130.35		
FLARED END SECTIONS (EA):	\$3,822.65		\$2,403.75		
108"- COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$160.54		\$123.99		\$124.00
CONNECTING BANDS (EA):	\$321.08		\$185.98		
FLARED END SECTIONS (EA):	N/A				
120"- COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$178.20		\$136.45		\$136.50
CONNECTING BANDS (EA):	\$356.40		\$204.68		
FLARED END SECTIONS (EA):	N/A				
<b>METALLIC COATED RIVETED PIPE ARCH (2 2/3" X 1/2" CORRUGATION) (PAGE 18)</b>					
17X13 - COATING TYPE:	GALVANIZED	NO BID	ZINC	NO BID	ZINC
COST PER FOOT:	\$11.02		\$11.14		\$11.14
CONNECTING BANDS (EA):	\$11.02		\$16.71		\$16.71
FLARED END SECTIONS (EA):	\$49.25		\$58.28		\$58.75
21X25 - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$12.92		\$13.37		\$13.37
CONNECTING BANDS (EA):	\$12.92		\$20.05		\$20.06
FLARED END SECTIONS (EA):	\$57.75		\$14.70		\$68.88
24X18 - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$15.33		\$15.59		\$15.60
CONNECTING BANDS (EA):	\$15.33		\$23.39		\$23.40
FLARED END SECTIONS (EA):	\$70.25		\$16.43		\$83.80
28X20 - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$17.23		\$17.82		\$17.82
CONNECTING BANDS (EA):	\$17.23		\$26.73		\$26.73
FLARED END SECTIONS (EA):	\$82.75		\$97.94		\$98.73
35X24 - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$28.73		\$30.04		\$30.04
CONNECTING BANDS (EA):	\$43.10		\$45.06		\$45.06
FLARED END SECTIONS (EA):	\$154.40		\$164.10		\$165.42
42X29 - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$34.13		\$35.90		\$35.90
CONNECTING BANDS (EA):	\$51.20		\$53.85		\$53.85
FLARED END SECTIONS (EA):	\$229.25		\$259.56		\$261.64
49X33 - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$39.96		\$41.76		\$41.76
CONNECTING BANDS (EA):	\$59.94		\$62.64		\$62.64
FLARED END SECTIONS (EA):	\$412.15		\$447.24		\$450.82
57X38 - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$45.43		\$47.62		\$47.63
CONNECTING BANDS (EA):	\$68.15		\$71.44		\$71.45
FLARED END SECTIONS (EA):	\$588.95		\$557.70		\$562.16
<b>METALLIC COATED RIVETED PIPE ARCH (2 2/3" X 1/2" CORRUGATION) (EXTRA PAGE 18)</b>					
<b>COMMENTS:</b>			<b>NOT RIVETED, HELCOR</b>		<b>NOT RIVETED, HELCOR</b>
17X13 - COATING TYPE:	ALUMINIZED	N/A	ZINC	N/A	ZINC



BID TABULATION - ROADWAY DRAINAGE PIPE

<b>BID TABULATIONS IFB - ROADWAY DRAINAGE PIPE BID OPENING DATE 12-8-15</b>	METAL CULVERTS, INC.	COUNTY MATERIALS CORP.	CONTECH ENGINEERED SOLUTIONS	FRED WEBER REINFORCED CONCRETE PRODUCTS	MIDWEST MUNICIPAL SUPPLY
	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
COST PER FOOT:	\$11.93		\$9.61		\$9.61
CONNECTING BANDS (EA):	\$11.93		\$14.41		
FLARED END SECTIONS (EA):	\$92.65		\$58.28		
21X25 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$13.98		\$11.57		\$11.51
CONNECTING BANDS (EA):	\$13.98		\$17.26		
FLARED END SECTIONS (EA):	\$108.65		\$14.70		
24X18 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$16.59		\$13.47		\$13.48
CONNECTING BANDS (EA):	\$16.59		\$20.21		
FLARED END SECTIONS (EA):	\$132.20		\$16.43		
28X20 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$18.64		\$15.87		\$15.88
CONNECTING BANDS (EA):	\$18.64		\$23.81		
FLARED END SECTIONS (EA):	\$155.70		\$97.94		
35X24 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$31.12		\$26.26		\$26.26
CONNECTING BANDS (EA):	\$46.68		\$39.39		
FLARED END SECTIONS (EA):	\$260.90		\$164.10		
42X29 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$36.97		\$30.87		\$30.87
CONNECTING BANDS (EA):	\$55.46		\$46.31		
FLARED END SECTIONS (EA):	\$412.65		\$259.56		
49X33 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$43.29		\$35.91		\$35.91
CONNECTING BANDS (EA):	\$64.94		\$53.87		
FLARED END SECTIONS (EA):	\$711.00		\$447.24		
57X38 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$49.22		\$40.95		\$40.95
CONNECTING BANDS (EA):	\$73.83		\$61.42		
FLARED END SECTIONS (EA):	\$886.60		\$557.70		
<b>METALLIC COATED RIVETED PIPE ARCH (3' X 1" CORRUGATION) (PAGE 18)</b>					
60X46 - COATING TYPE:	GALVANIZED	NO BID	ZINC	NO BID	ZINC
COST PER FOOT:	\$61.73		\$67.66		\$67.67
CONNECTING BANDS (EA):	\$123.46		\$101.50		\$101.51
FLARED END SECTIONS (EA):	\$805.30		\$795.00		\$802.16
66X51 - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$67.65		\$75.00		\$75.01
CONNECTING BANDS (EA):	\$135.30		\$112.50		\$112.52
FLARED END SECTIONS (EA):	\$1,063.65		\$1,051.25		\$1,059.45
73X55 - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$73.88		\$82.34		\$82.35
CONNECTING BANDS (EA):	\$147.76		\$123.51		\$123.53
FLARED END SECTIONS (EA):	\$1,427.25		\$1,141.25		\$1,421.65
81X59 - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$80.63		\$89.67		\$89.67
CONNECTING BANDS (EA):	\$161.26		\$134.51		\$134.51
FLARED END SECTIONS (EA):	\$1,503.25		\$1,485.00		\$1,497.34
95X67 - COATING TYPE:	GALVANIZED		ZINC		ZINC

BID TABULATION - ROADWAY DRAINAGE PIPE

<b>BID TABULATIONS IFB - ROADWAY DRAINAGE PIPE BID OPENING DATE 12-8-15</b>	<b>METAL CULVERTS, INC.</b>	<b>COUNTY MATERIALS CORP.</b>	<b>CONTECH ENGINEERED SOLUTIONS</b>	<b>FRED WEBER REINFORCED CONCRETE PRODUCTS</b>	<b>MIDWEST MUNICIPAL SUPPLY</b>
	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
COST PER FOOT:	\$94.73		\$107.04		\$107.04
CONNECTING BANDS (EA):	\$189.46		\$160.55		\$160.56
FLARED END SECTIONS (EA):	\$1,682.35		\$1,162.00		\$1,675.72
112X75 - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$108.83		\$122.92		\$122.93
CONNECTING BANDS (EA):	\$217.72		\$184.39		\$184.40
FLARED END SECTIONS (EA):	\$2,179.40		\$2,153.00		\$2,170.82
128X83 - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$122.55		\$168.55		\$168.56
CONNECTING BANDS (EA):	\$245.10		\$252.83		\$252.84
FLARED END SECTIONS (EA):	N/A				N/A
142X91 - COATING TYPE:	GALVANIZED		ZINC		ZINC
COST PER FOOT:	\$137.10		\$186.84		\$186.84
CONNECTING BANDS (EA):	\$274.20		\$280.26		\$280.26
FLARED END SECTIONS (EA):	N/A				N/A
<b>METALLIC COATED RIVETED PIPE ARCH (3" X 1" CORRUGATION) (EXTRA PAGE 18)</b>					
<b>COMMENTS:</b>			<b>NOT RIVETED, HELCOR</b>		<b>NOT RIVETED, HELCOR</b>
60X46 - COATING TYPE:	ALUMINIZED	N/A	ZINC		ZINC
COST PER FOOT:	\$66.66		\$52.73		\$52.74
CONNECTING BANDS (EA):	\$133.32		\$79.09		
FLARED END SECTIONS (EA):	\$1,265.10		\$795.00		
66X51 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$73.06		\$59.31		\$59.32
CONNECTING BANDS (EA):	\$146.12		\$88.97		
FLARED END SECTIONS (EA):	\$1,670.90		\$1,051.25		
73X55 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$79.79		\$65.00		\$65.01
CONNECTING BANDS (EA):	\$159.58		\$97.51		
FLARED END SECTIONS (EA):	\$2,242.10		\$1,411.25		
81X59 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$87.08		\$70.69		\$70.69
CONNECTING BANDS (EA):	\$174.16		\$106.02		
FLARED END SECTIONS (EA):	\$2,361.40		\$1,485.00		
95X67 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$102.30		\$77.95		\$77.96
CONNECTING BANDS (EA):	\$204.60		\$116.93		
FLARED END SECTIONS (EA):	\$2,642.85		\$1,662.00		
112X75 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$117.53		\$89.99		\$90.00
CONNECTING BANDS (EA):	\$235.06		\$134.98		
FLARED END SECTIONS (EA):	\$3,423.70		\$2,153.00		
128X83 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$167.51		\$121.76		\$121.76
CONNECTING BANDS (EA):	\$335.02		\$182.64		
FLARED END SECTIONS (EA):	N/A				
142X91 - COATING TYPE:	ALUMINIZED		ZINC		ZINC
COST PER FOOT:	\$189.95		\$133.99		\$134.00
CONNECTING BANDS (EA):	\$379.90		\$200.98		
FLARED END SECTIONS (EA):	N/A				

BID TABULATION - ROADWAY DRAINAGE PIPE

<b>BID TABULATIONS IFB - ROADWAY DRAINAGE PIPE BID OPENING DATE 12-8-15</b>	<b>METAL CULVERTS, INC.</b>	<b>COUNTY MATERIALS CORP.</b>	<b>CONTECH ENGINEERED SOLUTIONS</b>	<b>FRED WEBER REINFORCED CONCRETE PRODUCTS</b>	<b>MIDWEST MUNICIPAL SUPPLY</b>
	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
<b>POLYMER COATED RIVETED PIPE (2 2/3" X 1/2" CORRUGATION) (PAGE 19)</b>					
15" - COST PER FOOT	\$13.21	NO BID	\$13.60	NO BID	\$13.60
CONNECTING BANDS (EA):	\$13.21		\$20.39		\$20.40
FLARED END SECTIONS (EA):	\$53.55		N/A		
18" - COST PER FOOT	\$15.62		\$16.31		\$16.32
CONNECTING BANDS (EA):	\$15.62		\$24.47		\$24.48
FLARED END SECTIONS (EA):	\$69.40		N/A		
21" - COST PER FOOT	\$18.60		\$19.03		\$19.04
CONNECTING BANDS (EA):	\$18.60		\$28.55		\$28.56
FLARED END SECTIONS (EA):	\$83.50		N/A		
24" - COST PER FOOT	\$20.83		\$21.75		\$21.76
CONNECTING BANDS (EA):	\$20.83		\$32.63		\$32.64
FLARED END SECTIONS (EA):	\$103.55		N/A		
30" - COST PER FOOT	\$25.58		\$27.82		\$27.83
CONNECTING BANDS (EA):	\$38.37		\$41.73		\$41.75
FLARED END SECTIONS (EA):	\$174.70		N/A		
36" - COST PER FOOT	\$41.86		\$45.44		\$45.45
CONNECTING BANDS (EA):	\$62.79		\$68.16		\$68.18
FLARED END SECTIONS (EA):	\$281.55		N/A		
42" - COST PER FOOT	\$49.05		\$52.86		\$52.86
CONNECTING BANDS (EA):	\$73.58		\$79.29		\$79.29
FLARED END SECTIONS (EA):	\$644.95		N/A		
48" - COST PER FOOT	\$55.87		\$60.28		\$60.28
CONNECTING BANDS (EA):	\$83.81		\$90.42		\$90.42
FLARED END SECTIONS (EA):	\$736.70		N/A		
<b>POLYMER COATED RIVETED PIPE (2 2/3" X 1/2" CORRUGATION) (EXTRA PAGE 19)</b>					
<b>COMMENTS:</b>			<b>NOT RIVETED, HELCOR</b>		<b>NOT RIVETED, HELCOR</b>
15" - COST PER FOOT	N/A	N/A	\$11.81	N/A	\$11.82
CONNECTING BANDS (EA):			\$17.72		
FLARED END SECTIONS (EA):			N/A		
18" - COST PER FOOT			\$13.99		\$13.99
CONNECTING BANDS (EA):			\$20.98		
FLARED END SECTIONS (EA):			N/A		
21" - COST PER FOOT			\$16.54		\$16.54
CONNECTING BANDS (EA):			\$24.81		
FLARED END SECTIONS (EA):			N/A		
24" - COST PER FOOT			\$18.65		\$18.65
CONNECTING BANDS (EA):			\$27.98		
FLARED END SECTIONS (EA):			N/A		
30" - COST PER FOOT			\$23.31		\$23.31
CONNECTING BANDS (EA):			\$34.97		
FLARED END SECTIONS (EA):			N/A		
36" - COST PER FOOT			\$38.07		\$38.08
CONNECTING BANDS (EA):			\$57.11		
FLARED END SECTIONS (EA):			N/A		
42" - COST PER FOOT			\$44.29		\$44.29
CONNECTING BANDS (EA):			\$66.43		
FLARED END SECTIONS (EA):			N/A		
48" - COST PER FOOT			\$50.50		\$50.51

BID TABULATION - ROADWAY DRAINAGE PIPE

<b>BID TABULATIONS IFB - ROADWAY DRAINAGE PIPE BID OPENING DATE 12-8-15</b>	<b>METAL CULVERTS, INC.</b>	<b>COUNTY MATERIALS CORP.</b>	<b>CONTECH ENGINEERED SOLUTIONS</b>	<b>FRED WEBER REINFORCED CONCRETE PRODUCTS</b>	<b>MIDWEST MUNICIPAL SUPPLY</b>
	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
CONNECTING BANDS (EA):			\$75.76		
FLARED END SECTIONS (EA):			N/A		
<b>POLYMER COATED RIVETED PIPE (3" X 1" CORRUGATION) (PAGE 19)</b>					
54" - COST PER FOOT	\$75.29	NO BID	\$87.25	NO BID	\$87.26
CONNECTING BANDS (EA):	\$150.58		\$130.88		\$130.89
FLARED END SECTIONS (EA):	\$906.05		N/A		
60" - COST PER FOOT	\$82.44		\$96.72		\$96.72
CONNECTING BANDS (EA):	\$164.88		\$145.07		\$145.08
FLARED END SECTIONS (EA):	\$1,359.10		N/A		
66" - COST PER FOOT	\$89.96		\$106.18		\$106.18
CONNECTING BANDS (EA):	\$179.92		\$159.27		\$159.27
FLARED END SECTIONS (EA):	\$1,461.00		N/A		
72" - COST PER FOOT	\$97.95		\$115.64		\$115.64
CONNECTING BANDS (EA):	\$195.90		\$173.46		\$173.46
FLARED END SECTIONS (EA):	\$1,619.60		N/A		
84" - COST PER FOOT	\$114.02		\$137.25		\$137.25
CONNECTING BANDS (EA):	\$228.04		\$205.87		\$205.88
FLARED END SECTIONS (EA):	\$1,914.00		N/A		
96" - COST PER FOOT	\$130.10		\$157.62		\$157.63
CONNECTING BANDS (EA):	\$260.20		\$236.43		\$236.45
FLARED END SECTIONS (EA):	\$2,539.25		N/A		
108" - COST PER FOOT	\$186.31		\$225.14		\$225.15
CONNECTING BANDS (EA):	\$372.62		\$337.71		\$337.73
FLARED END SECTIONS (EA):	N/A		N/A		
120" - COST PER FOOT	\$206.80		\$249.56		\$249.57
CONNECTING BANDS (EA):	\$413.60		\$374.34		\$274.36
FLARED END SECTIONS (EA):	N/A		N/A		
<b>POLYMER COATED RIVETED PIPE (3" X 1" CORRUGATION) (EXTRA PAGE 19)</b>					
<b>COMMENTS:</b>			<b>NOT RIVETED, HELCO</b>		<b>NOT RIVETED, HELCO</b>
54" - COST PER FOOT	N/A	N/A	\$70.16	N/A	\$70.17
CONNECTING BANDS (EA):			\$105.23		
FLARED END SECTIONS (EA):			N/A		
60" - COST PER FOOT			\$77.67		\$77.67
CONNECTING BANDS (EA):			\$116.50		
FLARED END SECTIONS (EA):			N/A		
66" - COST PER FOOT			\$85.16		\$85.16
CONNECTING BANDS (EA):			\$127.74		
FLARED END SECTIONS (EA):			N/A		
72" - COST PER FOOT			\$92.63		\$92.64
CONNECTING BANDS (EA):			\$139.00		
FLARED END SECTIONS (EA):			N/A		
84" - COST PER FOOT			\$106.18		\$106.18
CONNECTING BANDS (EA):			\$159.26		
FLARED END SECTIONS (EA):			N/A		
96" - COST PER FOOT			\$120.86		\$120.86
CONNECTING BANDS (EA):			\$181.28		
FLARED END SECTIONS (EA):			N/A		
108" - COST PER FOOT			\$168.51		\$168.51
CONNECTING BANDS (EA):			\$252.76		

BID TABULATION - ROADWAY DRAINAGE PIPE

<b>BID TABULATIONS IFB - ROADWAY DRAINAGE PIPE BID OPENING DATE 12-8-15</b>	METAL CULVERTS, INC.	COUNTY MATERIALS CORP.	CONTECH ENGINEERED SOLUTIONS	FRED WEBER REINFORCED CONCRETE PRODUCTS	MIDWEST MUNICIPAL SUPPLY
	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
FLARED END SECTIONS (EA):			N/A		
120" - COST PER FOOT			\$185.80		\$185.81
CONNECTING BANDS (EA):			\$278.70		
FLARED END SECTIONS (EA):			N/A		
<b>POLYMER COATED RIVETED PIPE ARCH (2 2/3" X 1/2" CORRUGATION) (PAGE 20)</b>					
17X13 - COST PER FOOT	\$14.04	NO BID	\$14.23	NO BID	\$14.23
CONNECTING BANDS (EA):	\$14.04		\$21.33		\$21.35
FLARED END SECTIONS (EA):	\$49.25		N/A		
21X15 - COST PER FOOT	\$16.46		\$17.07		\$17.08
CONNECTING BANDS (EA):	\$16.46		\$25.61		\$25.62
FLARED END SECTIONS (EA):	\$57.75		N/A		
24X18 - COST PER FOOT	\$19.53		\$19.92		\$19.92
CONNECTING BANDS (EA):	\$19.53		\$29.87		\$29.88
FLARED END SECTIONS (EA):	\$70.25		N/A		
28X20 - COST PER FOOT	\$21.95		\$22.76		\$22.77
CONNECTING BANDS (EA):	\$21.95		\$34.14		\$34.16
FLARED END SECTIONS (EA):	\$82.75		N/A		
35X24 - COST PER FOOT	\$36.31		\$39.43		\$39.75
CONNECTING BANDS (EA):	\$54.47		\$59.62		\$59.63
FLARED END SECTIONS (EA):	\$154.40		N/A		
42X29 - COST PER FOOT	\$43.13		\$47.50		\$47.51
CONNECTING BANDS (EA):	\$64.70		\$71.25		\$71.27
FLARED END SECTIONS (EA):	\$229.25		N/A		
49X33 - COST PER FOOT	\$50.51		\$55.25		\$55.26
CONNECTING BANDS (EA):	\$75.77		\$82.89		\$82.29
FLARED END SECTIONS (EA):	\$412.15		N/A		
57X38 - COST PER FOOT	\$57.42		\$63.01		\$63.01
CONNECTING BANDS (EA):	\$86.13		\$94.51		\$94.52
FLARED END SECTIONS (EA):	\$588.95		N/A		
<b>POLYMER COATED RIVETED PIPE ARCH (2 2/3" X 1/2" CORRUGATION) (EXTRA PAGE 20)</b>					
<b>COMMENTS:</b>			<b>NOT RIVETED, HELCOR</b>		<b>NOT RIVETED, HELCOR</b>
17X13 - COST PER FOOT	N/A	N/A	\$12.44	N/A	\$12.45
CONNECTING BANDS (EA):			\$18.66		
FLARED END SECTIONS (EA):			N/A		
21X15 - COST PER FOOT			\$14.74		\$14.75
CONNECTING BANDS (EA):			\$22.11		
FLARED END SECTIONS (EA):			N/A		
24X18 - COST PER FOOT			\$17.42		\$17.42
CONNECTING BANDS (EA):			\$26.13		
FLARED END SECTIONS (EA):			N/A		
28X20 - COST PER FOOT			\$19.66		\$19.66
CONNECTING BANDS (EA):			\$29.48		
FLARED END SECTIONS (EA):			N/A		
35X24 - COST PER FOOT			\$33.58		\$33.58
CONNECTING BANDS (EA):			\$50.37		
FLARED END SECTIONS (EA):			N/A		
42X29 - COST PER FOOT			\$40.13		\$40.14
CONNECTING BANDS (EA):			\$60.20		
FLARED END SECTIONS (EA):			N/A		

BID TABULATION - ROADWAY DRAINAGE PIPE

<b>BID TABULATIONS IFB - ROADWAY DRAINAGE PIPE BID OPENING DATE 12-8-15</b>	<b>METAL CULVERTS, INC.</b>	<b>COUNTY MATERIALS CORP.</b>	<b>CONTECH ENGINEERED SOLUTIONS</b>	<b>FRED WEBER REINFORCED CONCRETE PRODUCTS</b>	<b>MIDWEST MUNICIPAL SUPPLY</b>
	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
49X33 - COST PER FOOT			\$46.68		\$46.69
CONNECTING BANDS (EA):			\$70.02		
FLARED END SECTIONS (EA):			N/A		
57X38 - COST PER FOOT			\$53.24		\$53.24
CONNECTING BANDS (EA):			\$79.85		
FLARED END SECTIONS (EA):			N/A		
<b>POLYMER COATED RIVETED PIPE ARCH (3" X 1" CORRUGATION) (PAGE 20)</b>					
60X46 - COST PER FOOT	\$77.36	NO BID	\$89.86	NO BID	\$89.87
CONNECTING BANDS (EA):	\$154.72		\$134.80		\$134.81
FLARED END SECTIONS (EA):	\$805.30		N/A		
66X51 - COST PER FOOT	\$84.79		\$99.61		\$99.62
CONNECTING BANDS (EA):	\$169.58		\$149.42		\$149.43
FLARED END SECTIONS (EA):	\$1,063.65		N/A		
73X55 - COST PER FOOT	\$92.59		\$109.36		\$109.36
CONNECTING BANDS (EA):	\$185.18		\$164.04		\$164.04
FLARED END SECTIONS (EA):	\$1,427.25		N/A		
81X59 - COST PER FOOT	\$101.05		\$119.10		\$119.11
CONNECTING BANDS (EA):	\$202.10		\$178.66		\$178.67
FLARED END SECTIONS (EA):	\$1,503.25		N/A		
95X67 - COST PER FOOT	\$118.72		\$141.28		\$141.28
CONNECTING BANDS (EA):	\$237.44		\$211.92		\$211.92
FLARED END SECTIONS (EA):	\$1,682.35		N/A		
112X75 - COST PER FOOT	\$136.39		\$162.25		\$162.26
CONNECTING BANDS (EA):	\$272.78		\$243.38		\$243.39
FLARED END SECTIONS (EA):	\$2,179.40		N/A		
128X83 - COST PER FOOT	\$194.39		\$233.99		\$234.00
CONNECTING BANDS (EA):	\$388.78		\$350.99		\$351.00
FLARED END SECTIONS (EA):	N/A		N/A		
142X91 - COST PER FOOT	\$220.43		\$259.38		\$259.39
CONNECTING BANDS (EA):	\$440.86		\$389.88		\$389.09
FLARED END SECTIONS (EA):	N/A		N/A		
<b>POLYMER COATED RIVETED PIPE ARCH (3" X 1" CORRUGATION) (EXTRA PAGE 20)</b>					
<b>COMMENTS:</b>			<b>NOT RIVETED, HELCOR</b>		<b>NOT RIVETED, HELCOR</b>
60X46 - COST PER FOOT	N/A	N/A	\$73.21	N/A	\$73.21
CONNECTING BANDS (EA):			\$109.81		
FLARED END SECTIONS (EA):			N/A		
66X51 - COST PER FOOT			\$81.14		\$81.15
CONNECTING BANDS (EA):			\$121.71		
FLARED END SECTIONS (EA):			N/A		
73X55 - COST PER FOOT			\$88.34		\$88.34
CONNECTING BANDS (EA):			\$132.51		
FLARED END SECTIONS (EA):			N/A		
81X59 - COST PER FOOT			\$96.10		\$96.10
CONNECTING BANDS (EA):			\$144.14		
FLARED END SECTIONS (EA):			N/A		
95X67 - COST PER FOOT			\$110.21		\$110.21
CONNECTING BANDS (EA):			\$165.13		
FLARED END SECTIONS (EA):			N/A		
112X75 - COST PER FOOT			\$125.49		\$125.49

BID TABULATION - ROADWAY DRAINAGE PIPE

<b>BID TABULATIONS IFB - ROADWAY DRAINAGE PIPE BID OPENING DATE 12-8-15</b>	<b>METAL CULVERTS, INC.</b>	<b>COUNTY MATERIALS CORP.</b>	<b>CONTECH ENGINEERED SOLUTIONS</b>	<b>FRED WEBER REINFORCED CONCRETE PRODUCTS</b>	<b>MIDWEST MUNICIPAL SUPPLY</b>
	PO BOX 330 JEFFERSON CITY MO 65102	4951 BROCKWOOD DR ST LOUIS MO 63128	110 FORD LANE HAZELWOOD MO 63042	4855 BAUMGARTNER RD ST LOUIS MO 63129	1435 N BLUFF RD COLLINSVILLE IL 62234
CONNECTING BANDS (EA):			\$188.23		
FLARED END SECTIONS (EA):			N/A		
128X83 - COST PER FOOT			\$175.19		\$175.19
CONNECTING BANDS (EA):			\$262.78		
FLARED END SECTIONS (EA):			N/A		
142X91 - COST PER FOOT			\$193.21		\$193.21
CONNECTING BANDS (EA):			\$289.81		
FLARED END SECTIONS (EA):			N/A		
REQUIRED DOCUMENTS					
NOTARIZED WORK AFFIDAVIT COMPLETED	Y	Y	N	Y	Y
E-VERIFICATION DOCUMENTATION (Y/N):	N	N	N	Y	N
COPY OF INSURANCE PROVIDED	Y	Y	Y	Y	Y
TAX RECEIPTS OR NOTARIZED LETTER STATING NO REAL OR PERSONAL PROPERTY OWNED IN JEFFERSON COUNTY	Y	Y	Y	Y	Y
COOPERATIVE BID FORM (Y/N)	Y	Y	Y	Y	Y
COOPERATIVE CONTACT INFO:	Y	Y	Y	Y	Y
COMPANY INFORMATION AND SIGNATURE	Y	Y	Y	Y	Y
BID DEPOSIT REQUIRED	N/A	N/A	N/A	N/A	N/A
<b>COMMENTS:</b>	SEE ATTACHED	SEE ATTACHED	MISSING PAGE 15 SEE ATTACHED	SEE ATTACHED	SEE ATTACHED



**JEFFERSON COUNTY**  
**DEPARTMENT OF ADMINISTRATIVE SERVICES**  
 729 MAPLE ST / PO BOX 100  
 HILLSBORO MO 63050  
 WWW.JEFFCOMO.ORG

**Invitation for Bid: ROADWAY DRAINAGE PIPE**

**Date Issued: 11-3-15**

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 8, 2015, AT 2:00 P.M. LOCAL TIME.

**Specification**

**Contact:**

**KURT WENGERT**  
 Department of Public Works  
 636-797-5427  
 kwengert@jeffcomo.org

**Contract**

**Contact:**

**VICKIE PRATT**  
 Department of Administrative Services  
 636-797-5380

**Mail (3) Three  
 Complete Copies  
 With Vendor And  
 Bid Information As  
 Shown In Sample:**

SAMPLE ENVELOPE

<i>VENDOR NAME</i>	
<i>VENDOR ADDRESS</i>	
<i>CONTACT NUMBER</i>	DEPARTMENT OF THE COUNTY CLERK
	JEFFERSON COUNTY MISSOURI
	729 MAPLE ST / PO BOX 100
	HILLSBORO MO 63050-0100
SEALED BID: <i>(BID NAME)</i>	

**Contract Term:**

UPON APPROVAL OF THE  
 COUNTY COUNCIL AND  
 COUNTY EXECUTIVE

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor  
 Information:**

METAL CULVERTS, INC.	GREG BRAUNER	
Company Name	Authorized Agent (Print)	
P.O. BOX 330		Signature
Address	SALES REPRESENTATIVE	
JEFFERSON CITY, MO 65102	Title	
City/State/Zip Code	12/1/2015	43-0916928
(573) 636-7312	Date	Tax ID #
Telephone #	(573) 634-8729	
sales@metalculverts.com	Fax #	
E-mail		



**SPECIFICATIONS**

**ROADWAY DRAINAGE PIPE**

The County of Jefferson wishes to purchase pipes of various materials for use in maintaining and improving storm drainage along our roadways. The intent of this specification is to allow the County flexibility in using pipes of different materials to suit a variety of needs and conditions. The vendors do not need to submit prices for materials they do not typically provide. The County maintains the right to select multiple vendors for each of the different pipe materials as necessary. The general specifications and price lists for each type of pipe material will be listed below in groups.

**THERMOPLASTIC CULVERT PIPE**

Thermoplastic culvert pipe shall meet the specifications of either Section 1028 (Polyvinyl Chloride Culvert Pipe), Section 1041 (Polypropylene Culvert Pipe) or Section 1047 (Polyethylene Culvert Pipe) of the October 2015 Missouri Standard Specifications for Highway Construction. Material will be specified during ordering by the County.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off of U.S. Highway 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES \_\_\_\_\_ NO \_\_\_\_\_

If yes, name party to call: \_\_\_\_\_

Telephone number: \_\_\_\_\_

**POLYVINYL CHLORIDE (PVC)**

Diameter	Cost per Foot
15"	\$
18"	\$
21"	\$
24"	\$
30"	\$
36"	\$

**POLYPROPYLENE PIPE (DOUBLE WALLED)**

<u>Diameter</u>	<u>Cost per Foot</u>
15"	\$
18"	\$
21"	\$
24"	\$
30"	\$

**POLYPROPYLENE PIPE (TRIPLE WALLED)**

<u>Diameter</u>	<u>Cost per Foot</u>
30"	\$
36"	\$
42"	\$
48"	\$
54"	\$
60"	\$

**POLYETHYLENE PIPE – CORRUGATED**

Diameter	Cost per Foot
15"	\$
18"	\$
21"	\$
24"	\$
30"	\$
36"	\$
42"	\$
48"	\$
54"	\$
60"	\$

**POLYETHYLENE PIPE – STEEL REINFORCED**

Diameter	Cost per Foot
15"	\$
18"	\$
21"	\$
24"	\$
30"	\$
36"	\$
42"	\$
48"	\$
54"	\$
60"	\$

**REINFORCED CONCRETE PIPE**

Reinforced concrete culvert pipe shall be tongue and groove, meeting the specifications of Section 1026 (Polyvinyl Chloride Culvert Pipe) of the October 2015 Missouri Standard Specifications for Highway Construction. Concrete pipe shall be pre-cast and shall conform to the requirements of the Specifications for Reinforced Concrete Culvert, Storm Drain and Sewer Pipe, AASHTO M 170(ASTM C76) Current Edition, with a shell thickness designated "Wall B" in circular pipe or to the requirements of Reinforced Concrete Elliptical Culvert Storm Drain and Sewer Pipe AASHTO M 207(ASTM C507) Current Edition.

Strength of concrete shall be a minimum of 4,000 psi. Type A flexible rubber type gaskets meeting the requirements of AASHTO M 198 shall be supplied with the pipe. Pre-cast concrete flared end sections shall comply with Section 1032 (Precast Concrete Flared End Sections) of the October 2015 Missouri Standard Specifications for Highway Construction.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off of U.S. Highway 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES \_\_\_\_\_ NO \_\_\_\_\_

If yes, name party to call: \_\_\_\_\_

Telephone number: \_\_\_\_\_

Minimum Delivery Required (Circle One) Yes No  
If yes, amount \$ \_\_\_\_\_

Additional Supplier Fees \$ \_\_\_\_\_

Comments: \_\_\_\_\_

**ROUND PIPES**

PIPE DIAMETER	CLASS III PRICE PER 7.5' SECTION	CLASS III PRICE PER 8' SECTION	CLASS III FLARED END SECTION	CLASS V PRICE PER 7.5' SECTION	CLASS V PRICE PER 8' SECTION	CLASS V FLARED END SECTION
15"						
18"						
21"						
24"						
30"						
36"						
42"						
48"						
54"						
60"						
72"						
84"						
96"						

**ELLIPTICAL PIPES**

ROUND DIAMETER EQUIVALENT	CLASS III PRICE PER 7.5' SECTION	CLASS III PRICE PER 8' SECTION	CLASS III FLARED END SECTION	CLASS V PRICE PER 7.5' SECTION	CLASS V PRICE PER 8' SECTION	CLASS V FLARED END SECTION
18"						
24"						
30"						
36"						
42"						
48"						
60"						
72"						
84"						
96"						

**CORRUGATED METALLIC CULVERT PIPE**

Corrugated metal pipe shall meet the specifications of Section 1020 of the October 2015 Missouri Standard Specifications for Highway Construction.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off U.S. Hwy. 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES XX NO \_\_\_\_\_

If yes, name party to call: GREG BRAUNER

Telephone number: (573) 690-1533

Minimum Delivery Required (Circle One) Yes  **No**   
If yes, amount \$ \_\_\_\_\_

Additional Supplier Fees \$ \_\_\_\_\_ Comments: \_\_\_\_\_

Metallic coated corrugated steel pipe shall be coated with either a zinc coating or aluminum coating in accordance with Section 1020.3 of the October 2015 Missouri Standard Specifications for Highway Construction. Please specify in the tables below whether your price is for zinc coated, aluminum coated, or both.

**METALLIC COATED RIVETED PIPE**  
**2 2/3" x 1/2" Corrugation**

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"	GALVANIZED	14	\$ 10.37	\$ 10.37	\$ 53.55
18"	GALVANIZED	14	\$ 12.26	\$ 12.26	\$ 69.40
21"	GALVANIZED	14	\$ 14.60	\$ 14.60	\$ 83.50
24"	GALVANIZED	14	\$ 16.35	\$ 16.35	\$ 103.55
30"	GALVANIZED	14	\$ 20.08	\$ 30.12	\$ 174.70
36"	GALVANIZED	12	\$ 33.12	\$ 49.68	\$ 281.55
42"	GALVANIZED	12	\$ 38.81	\$ 58.22	\$ 644.95
48"	GALVANIZED	12	\$ 44.21	\$ 66.32	\$ 736.70

**METALLIC COATED RIVETED PIPE**  
**3" x 1" Corrugation**

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"	GALVANIZED	12	\$ 60.08	\$ 120.16	\$ 906.05
60"	GALVANIZED	12	\$ 65.78	\$ 131.56	\$ 1359.10
66"	GALVANIZED	12	\$ 71.78	\$ 143.56	\$ 1461.00
72"	GALVANIZED	12	\$ 78.15	\$ 156.30	\$ 1619.60
84"	GALVANIZED	12	\$ 90.98	\$ 181.96	\$ 1914.00
96"	GALVANIZED	12	\$ 103.80	\$ 207.60	\$ 2539.25
108"	GALVANIZED	10	\$ 148.65	\$ 297.30	\$ N/A
120"	GALVANIZED	10	\$ 165.00	\$ 330.00	\$ N/A

Metallic coated corrugated steel pipe shall be coated with either a zinc coating or aluminum coating in accordance with Section 1020.3 of the October 2015 Missouri Standard Specifications for Highway Construction. Please specify in the tables below whether your price is for zinc coated, aluminum coated, or both.

**METALLIC COATED RIVETED PIPE**  
2 2/3" x 1/2" Corrugation

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"	ALUMINIZED	14	\$ 11.22	\$ 11.22	\$ 92.10
18"	ALUMINIZED	14	\$ 13.27	\$ 13.27	\$ 119.35
21"	ALUMINIZED	14	\$ 15.80	\$ 15.80	\$ 143.65
24"	ALUMINIZED	14	\$ 17.70	\$ 17.70	\$ 178.20
30"	ALUMINIZED	14	\$ 21.73	\$ 32.60	\$ 325.25
36"	ALUMINIZED	12	\$ 35.88	\$ 53.82	\$ 524.30
42"	ALUMINIZED	12	\$ 42.04	\$ 63.06	\$ 988.95
48"	ALUMINIZED	12	\$ 47.87	\$ 71.81	\$ 1150.90

**METALLIC COATED RIVETED PIPE**  
3" x 1" Corrugation

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"	ALUMINIZED	12	\$ 64.88	\$ 129.76	\$ 1364.00
60"	ALUMINIZED	12	\$ 71.04	\$ 142.08	\$ 2046.00
66"	ALUMINIZED	12	\$ 77.52	\$ 155.04	\$ 2199.50
72"	ALUMINIZED	12	\$ 84.40	\$ 168.80	\$ 2438.20
84"	ALUMINIZED	12	\$ 98.25	\$ 196.50	\$ 2881.50
96"	ALUMINIZED	12	\$ 112.10	\$ 224.20	\$ 3822.65
108"	ALUMINIZED	10	\$ 160.54	\$ 321.08	\$ N/A
120"	ALUMINIZED	10	\$ 178.20	\$ 356.40	\$ N/A



**METALLIC COATED RIVETED PIPE ARCH**  
**2 2/3" x 1/2" Corrugation**

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13	GALVANIZED	14	\$ 11.02	\$ 11.02	\$ 49.25
21x15	GALVANIZED	14	\$ 12.92	\$ 12.92	\$ 57.75
24x18	GALVANIZED	14	\$ 15.33	\$ 15.33	\$ 70.25
28x20	GALVANIZED	14	\$ 17.23	\$ 17.23	\$ 82.75
35x24	GALVANIZED	12	\$ 28.73	\$ 43.10	\$ 154.40
42x29	GALVANIZED	12	\$ 34.13	\$ 51.20	\$ 229.25
49x33	GALVANIZED	12	\$ 39.96	\$ 59.94	\$ 412.15
57x38	GALVANIZED	12	\$ 45.43	\$ 68.15	\$ 588.95

**METALLIC COATED RIVETED PIPE ARCH**  
**3" x 1" Corrugation**

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46	GALVANIZED	12	\$ 61.73	\$ 123.46	\$ 805.30
66x51	GALVANIZED	12	\$ 67.65	\$ 135.30	\$ 1063.65
73x55	GALVANIZED	12	\$ 73.88	\$ 147.76	\$ 1427.25
81x59	GALVANIZED	12	\$ 80.63	\$ 161.26	\$ 1503.25
95x67	GALVANIZED	12	\$ 94.73	\$ 189.46	\$ 1682.35
112x75	GALVANIZED	12	\$ 108.83	\$ 217.72	\$ 2179.40
128x83	GALVANIZED	10	\$ 122.55	\$ 245.10	\$ N/A
142x91	GALVANIZED	10	\$ 137.10	\$ 274.20	\$ N/A

METALLIC COATED RIVETED PIPE ARCH  
2 2/3" x 1/2" Corrugation

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13	ALUMINIZED	14	\$ 11.93	\$ 11.93	\$ 92.65
21x15	ALUMINIZED	14	\$ 13.98	\$ 13.98	\$ 108.65
24x18	ALUMINIZED	14	\$ 16.59	\$ 16.59	\$ 132.20
28x20	ALUMINIZED	14	\$ 18.64	\$ 18.64	\$ 155.70
35x24	ALUMINIZED	12	\$ 31.12	\$ 46.68	\$ 260.90
42x29	ALUMINIZED	12	\$ 36.97	\$ 55.46	\$ 412.65
49x33	ALUMINIZED	12	\$ 43.29	\$ 64.94	\$ 711.00
57x38	ALUMINIZED	12	\$ 49.22	\$ 73.83	\$ 886.60

METALLIC COATED RIVETED PIPE ARCH  
3" x 1" Corrugation

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46	ALUMINIZED	12	\$ 66.66	\$ 133.32	\$ 1265.10
66x51	ALUMINIZED	12	\$ 73.06	\$ 146.12	\$ 1670.90
73x55	ALUMINIZED	12	\$ 79.79	\$ 159.58	\$ 2242.10
81x59	ALUMINIZED	12	\$ 87.08	\$ 174.16	\$ 2361.40
95x67	ALUMINIZED	12	\$ 102.30	\$ 204.60	\$ 2642.85
112x75	ALUMINIZED	12	\$ 117.53	\$ 235.06	\$ 3423.70
128x83	ALUMINIZED	10	\$ 167.51	\$ 335.02	\$ N/A
142x91	ALUMINIZED	10	\$ 189.95	\$ 379.90	\$ N/A

Polymer coated corrugated steel pipe shall be coated on both sides with a protective polymer coating conforming to ASTM A 742 and AASHTO M 245. The polymer coating shall be a minimum 10 mils thick. The polymer shall be composed of polyethylene and acrylic acid copolymer - TRENCHCOAT protective film.

**POLYMER COATED RIVETED PIPE**  
2 2/3" x 1/2" Corrugation

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA) GALVANIZED
15"	14	\$ 13.21	\$ 13.21	\$ 53.55
18"	14	\$ 15.62	\$ 15.62	\$ 69.40
21"	14	\$ 18.60	\$ 18.60	\$ 83.50
24"	14	\$ 20.83	\$ 20.83	\$ 103.55
30"	14	\$ 25.58	\$ 38.37	\$ 174.70
36"	12	\$ 41.86	\$ 62.79	\$ 281.55
42"	12	\$ 49.05	\$ 73.58	\$ 644.95
48"	12	\$ 55.87	\$ 83.81	\$ 736.70

**POLYMER COATED RIVETED PIPE**  
3" x 1" Corrugation

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA) GALVANIZED
54"	12	\$ 75.29	\$ 150.58	\$ 906.05
60"	12	\$ 82.44	\$ 164.88	\$ 1359.10
66"	12	\$ 89.96	\$ 179.92	\$ 1461.00
72"	12	\$ 97.95	\$ 195.90	\$ 1619.60
84"	12	\$ 114.02	\$ 228.04	\$ 1914.00
96"	12	\$ 130.10	\$ 260.20	\$ 2539.25
108"	10	\$ 186.31	\$ 372.62	\$ N/A
120"	10	\$ 206.80	\$ 413.60	\$ N/A

**POLYMER COATED RIVETED PIPE ARCH**  
**2 2/3" x 1/2" Corrugation**

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA) GALVANIZED
17x13	14	\$ 14.04	\$ 14.04	\$ 49.25
21x15	14	\$ 16.46	\$ 16.46	\$ 57.75
24x18	14	\$ 19.53	\$ 19.53	\$ 70.25
28x20	14	\$ 21.95	\$ 21.95	\$ 82.75
35x24	12	\$ 36.31	\$ 54.47	\$ 154.40
42x29	12	\$ 43.13	\$ 64.70	\$ 229.25
49x33	12	\$ 50.51	\$ 75.77	\$ 412.15
57x38	12	\$ 57.42	\$ 86.13	\$ 588.95

**POLYMER COATED RIVETED PIPE ARCH**  
**3" x 1" Corrugation**

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections GALVANIZED
60x46	12	\$ 77.36	\$ 154.72	\$ 805.30
66x51	12	\$ 84.79	\$ 169.58	\$ 1063.65
73x55	12	\$ 92.59	\$ 185.18	\$ 1427.25
81x59	12	\$ 101.05	\$ 202.10	\$ 1503.25
95x67	12	\$ 118.72	\$ 237.44	\$ 1682.35
112x75	12	\$ 136.39	\$ 272.78	\$ 2179.40
128x83	10	\$ 194.39	\$ 388.78	\$ N/A
142x91	10	\$ 220.43	\$ 440.86	\$ N/A



**JEFFERSON COUNTY**  
**DEPARTMENT OF ADMINISTRATIVE SERVICES**  
 729 MAPLE ST / PO BOX 100  
 HILLSBORO MO 63050  
 WWW.JEFFCOMO.ORG

**Invitation for Bid: ROADWAY DRAINAGE PIPE**

**Date Issued: 11-3-15**

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 8, 2015, AT 2:00 P.M. LOCAL TIME.

**Specification  
 Contact:**

**KURT WENGERT**  
 Department of Public Works  
 636-797-5427  
 kwengert@jeffcomo.org

**Contract  
 Contact:**

**VICKIE PRATT**  
 Department of Administrative Services  
 636-797-5380

**Mail (3) Three  
 Complete Copies  
 With Vendor And  
 Bid Information As  
 Shown In Sample:**

SAMPLE ENVELOPE

<i>VENDOR NAME</i>	
<i>VENDOR ADDRESS</i>	
<i>CONTACT NUMBER</i>	DEPARTMENT OF THE COUNTY CLERK
	JEFFERSON COUNTY MISSOURI
	729 MAPLE ST / PO BOX 100
	HILLSBORO MO 63050-0100
SEALED BID: ( <i>BID NAME</i> )	

**Contract Term:**  
 UPON APPROVAL OF THE  
 COUNTY COUNCIL AND  
 COUNTY EXECUTIVE

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor  
 Information:**

County Materials Corp. Cesare W. Venegoni  
 Company Name Authorized Agent (Print)

4951 Brockwood Dr. Cesare W. Venegoni  
 Address Signature

St. Louis MO 63128 Sales Rep.  
 City/State/Zip Code Title

618-315 5494 11/30/15 39-1771028  
 Telephone # Date Tax ID #

Cesare.Venegoni@countymaterials.com  
 E-mail Fax #

**877 375 4169**

**SPECIFICATIONS**

**ROADWAY DRAINAGE PIPE**

The County of Jefferson wishes to purchase pipes of various materials for use in maintaining and improving storm drainage along our roadways. The intent of this specification is to allow the County flexibility in using pipes of different materials to suit a variety of needs and conditions. The vendors do not need to submit prices for materials they do not typically provide. The County maintains the right to select multiple vendors for each of the different pipe materials as necessary. The general specifications and price lists for each type of pipe material will be listed below in groups.

**THERMOPLASTIC CULVERT PIPE**

Thermoplastic culvert pipe shall meet the specifications of either Section 1028 (Polyvinyl Chloride Culvert Pipe), Section 1041 (Polypropylene Culvert Pipe) or Section 1047 (Polyethylene Culvert Pipe) of the October 2015 Missouri Standard Specifications for Highway Construction. Material will be specified during ordering by the County.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off of U.S. Highway 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES \_\_\_\_\_ NO \_\_\_\_\_

If yes, name party to call: \_\_\_\_\_

Telephone number: \_\_\_\_\_

**POLYVINYL CHLORIDE (PVC)**

Diameter	Cost per Foot
15"	\$
18"	\$
21"	\$
24"	\$
30"	\$
36"	\$

**POLYPROPYLENE PIPE (DOUBLE WALLED)**

<u>Diameter</u>	<u>Cost per Foot</u>
15"	\$
18"	\$
21"	\$
24"	\$
30"	\$

**POLYPROPYLENE PIPE (TRIPLE WALLED)**

<u>Diameter</u>	<u>Cost per Foot</u>
30"	\$
36"	\$
42"	\$
48"	\$
54"	\$
60"	\$

**POLYETHYLENE PIPE – CORRUGATED**

Diameter	Cost per Foot
15"	\$
18"	\$
21"	\$
24"	\$
30"	\$
36"	\$
42"	\$
48"	\$
54"	\$
60"	\$

**POLYETHYLENE PIPE – STEEL REINFORCED**

Diameter	Cost per Foot
15"	\$
18"	\$
21"	\$
24"	\$
30"	\$
36"	\$
42"	\$
48"	\$
54"	\$
60"	\$



**REINFORCED CONCRETE PIPE**

Reinforced concrete culvert pipe shall be tongue and groove, meeting the specifications of Section 1026 (Polyvinyl Chloride Culvert Pipe) of the October 2015 Missouri Standard Specifications for Highway Construction. Concrete pipe shall be pre-cast and shall conform to the requirements of the Specifications for Reinforced Concrete Culvert, Storm Drain and Sewer Pipe, AASHTO M 170(ASTM C76) Current Edition, with a shell thickness designated "Wall B" in circular pipe or to the requirements of Reinforced Concrete Elliptical Culvert Storm Drain and Sewer Pipe AASHTO M 207(ASTM C507) Current Edition.

Strength of concrete shall be a minimum of 4,000 psi. Type A flexible rubber type gaskets meeting the requirements of AASHTO M 198 shall be supplied with the pipe. Pre-cast concrete flared end sections shall comply with Section 1032 (Precast Concrete Flared End Sections) of the October 2015 Missouri Standard Specifications for Highway Construction.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off of U.S. Highway 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES  NO

If yes, name party to call: Cesare Venegoni

Telephone number: 618-315 5494 or 800-747 3669 (Dispatch-er)

Minimum Delivery Required (Circle One)  Yes  No  
If yes, amount \$ 600.00 under full load

Additional Supplier Fees \$ \_\_\_\_\_

Comments: quote based on truck load lots  
• All pipe quoted in 8' lengths



**ROUND PIPES**

PIPE DIAMETER	CLASS III PRICE PER 7.5' SECTION	CLASS III PRICE PER 8' SECTION	CLASS III FLARED END SECTION	CLASS V PRICE PER 7.5' SECTION	CLASS V PRICE PER 8' SECTION	CLASS V FLARED END SECTION
15"		12.62	433.13		17.81	433.13
18"		16.24	553.44		22.93	553.44
21"		20.39	618.75		28.78	618.75
24"		24.45	741.13		36.06	741.13
30"		34.99	914.38		51.61	914.38
36"		46.83	986.56		69.06	986.56
42"		72.24	1294.56		106.52	1294.56
48"		76.90	1576.09		137.74	1576.09
54"		109.74	1982.75		206.97	1982.75
60"		132.20	3000.94		249.34	3000.94
72"		181.45	4571.88		370.95	4571.88
84"		229.84	6242.50		Special design	6242.50
96"		upon request		only	upon request	upon request

**ELLIPTICAL PIPES**

ROUND DIAMETER EQUIVALENT	CLASS III PRICE PER 7.5' SECTION	CLASS III PRICE PER 8' SECTION	CLASS III FLARED END SECTION	CLASS V PRICE PER 7.5' SECTION	CLASS V PRICE PER 8' SECTION	CLASS V FLARED END SECTION
		<b>HE III</b>			<b>HE V</b>	
18"		31.99	664.13		35.00	644.13
24"		55.78	889.36		59.50	889.36
30"		70.45	1097.26		75.25	1097.26
36"		102.54	1183.88		109.38	1183.88
42"		139.16	1941.84		148.75	1941.84
48"		166.60	2364.50		232.06	2364.50
60"		255.12	4501.41		331.65	4501.41
72"		334.68	6857.81		435.09	6857.81
84"		—	✓		—	✓
96"		—	✓		—	✓

**CORRUGATED METALLIC CULVERT PIPE**

Corrugated metal pipe shall meet the specifications of Section 1020 of the October 2015 Missouri Standard Specifications for Highway Construction.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off U.S. Hwy. 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES \_\_\_\_\_ NO \_\_\_\_\_

If yes, name party to call: \_\_\_\_\_

Telephone number: \_\_\_\_\_

Minimum Delivery Required (Circle One) Yes No  
If yes, amount \$ \_\_\_\_\_

Additional Supplier Fees \$ \_\_\_\_\_ Comments: \_\_\_\_\_



Metallic coated corrugated steel pipe shall be coated with either a zinc coating or aluminum coating in accordance with Section 1020.3 of the October 2015 Missouri Standard Specifications for Highway Construction. Please specify in the tables below whether your price is for zinc coated, aluminum coated, or both.

**METALLIC COATED RIVETED PIPE**  
**2 2/3" x 1/2" Corrugation**

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"		14	\$	\$	\$
18"		14	\$	\$	\$
21"		14	\$	\$	\$
24"		14	\$	\$	\$
30"		14	\$	\$	\$
36"		12	\$	\$	\$
42"		12	\$	\$	\$
48"		12	\$	\$	\$

**METALLIC COATED RIVETED PIPE**  
**3" x 1" Corrugation**

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"		12	\$	\$	\$
60"		12	\$	\$	\$
66"		12	\$	\$	\$
72"		12	\$	\$	\$
84"		12	\$	\$	\$
96"		12	\$	\$	\$
108"		10	\$	\$	\$
120"		10	\$	\$	\$

**METALLIC COATED RIVETED PIPE ARCH**  
**2 2/3" x 1/2" Corrugation**

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13		14	\$	\$	\$
21x15		14	\$	\$	\$
24x18		14	\$	\$	\$
28x20		14	\$	\$	\$
35x24		12	\$	\$	\$
42x29		12	\$	\$	\$
49x33		12	\$	\$	\$
57x38		12	\$	\$	\$

**METALLIC COATED RIVETED PIPE ARCH**  
**3" x 1" Corrugation**

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46		12	\$	\$	\$
66x51		12	\$	\$	\$
73x55		12	\$	\$	\$
81x59		12	\$	\$	\$
95x67		12	\$	\$	\$
112x75		12	\$	\$	\$
128x83		10	\$	\$	\$
142x91		10	\$	\$	\$

Polymer coated corrugated steel pipe shall be coated on both sides with a protective polymer coating conforming to ASTM A 742 and AASHTO M 245. The polymer coating shall be a minimum 10 mils thick. The polymer shall be composed of polyethylene and acrylic acid copolymer - TRENCHCOAT protective film.

**POLYMER COATED RIVETED PIPE**  
**2 2/3" x 1/2" Corrugation**

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"	14	\$	\$	\$
18"	14	\$	\$	\$
21"	14	\$	\$	\$
24"	14	\$	\$	\$
30"	14	\$	\$	\$
36"	12	\$	\$	\$
42"	12	\$	\$	\$
48"	12	\$	\$	\$

**POLYMER COATED RIVETED PIPE**  
**3" x 1" Corrugation**

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"	12	\$	\$	\$
60"	12	\$	\$	\$
66"	12	\$	\$	\$
72"	12	\$	\$	\$
84"	12	\$	\$	\$
96"	12	\$	\$	\$
108"	10	\$	\$	\$
120"	10	\$	\$	\$

**POLYMER COATED RIVETED PIPE ARCH**  
**2 2/3" x 1/2" Corrugation**

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13	14	\$	\$	\$
21x15	14	\$	\$	\$
24x18	14	\$	\$	\$
28x20	14	\$	\$	\$
35x24	12	\$	\$	\$
42x29	12	\$	\$	\$
49x33	12	\$	\$	\$
57x38	12	\$	\$	\$

**POLYMER COATED RIVETED PIPE ARCH**  
**3" x 1" Corrugation**

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46	12	\$	\$	\$
66x51	12	\$	\$	\$
73x55	12	\$	\$	\$
81x59	12	\$	\$	\$
95x67	12	\$	\$	\$
112x75	12	\$	\$	\$
128x83	10	\$	\$	\$
142x91	10	\$	\$	\$



**JEFFERSON COUNTY**  
**DEPARTMENT OF ADMINISTRATIVE SERVICES**  
 729 MAPLE ST / PO BOX 100  
 HILLSBORO MO 63050  
 WWW.JEFFCOMO.ORG

**Invitation for Bid: ROADWAY DRAINAGE PIPE**

**Date Issued: 11-3-15**

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 8, 2015, AT 2:00 P.M. LOCAL TIME.

**Specification**

**Contact:**

**KURT WENGERT**  
 Department of Public Works  
 636-797-5427  
 kwengert@jeffcomo.org

**Contract**

**Contact:**

**VICKIE PRATT**  
 Department of Administrative Services  
 636-797-5380

**Mail (3) Three  
 Complete Copies  
 With Vendor And  
 Bid Information As  
 Shown In Sample:**

SAMPLE ENVELOPE

VENDOR NAME

VENDOR ADDRESS

CONTACT NUMBER

DEPARTMENT OF THE COUNTY CLERK

JEFFERSON COUNTY MISSOURI

729 MAPLE ST / PO BOX 100

HILLSBORO MO 63050-0100

SEALED BID: (BID NAME)

**Contract Term:**

UPON APPROVAL OF THE  
 COUNTY COUNCIL AND  
 COUNTY EXECUTIVE

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor  
 Information:**

<i>Contech Engineered Solutions</i>		<i>Scott Eversgerd</i>	
Company Name		Authorized Agent (Print)	
<i>110 Ford Lane</i>		<i>Scott Eversgerd</i>	
Address		Signature	
<i>Hazelwood MO 63042</i>		<i>Sales Engineer</i>	
City/State/Zip Code		Title	
<i>314 346 9581</i>		<i>12/7/15</i>	
Telephone #		Date	
<i>seversgerd@bnteches.com</i>		<i>972-590-2039</i>	
E-mail		Fax #	



**SPECIFICATIONS**

**ROADWAY DRAINAGE PIPE**

The County of Jefferson wishes to purchase pipes of various materials for use in maintaining and improving storm drainage along our roadways. The intent of this specification is to allow the County flexibility in using pipes of different materials to suit a variety of needs and conditions. The vendors do not need to submit prices for materials they do not typically provide. The County maintains the right to select multiple vendors for each of the different pipe materials as necessary. The general specifications and price lists for each type of pipe material will be listed below in groups.

**THERMOPLASTIC CULVERT PIPE**

Thermoplastic culvert pipe shall meet the specifications of either Section 1028 (Polyvinyl Chloride Culvert Pipe), Section 1041 (Polypropylene Culvert Pipe) or Section 1047 (Polyethylene Culvert Pipe) of the October 2015 Missouri Standard Specifications for Highway Construction. Material will be specified during ordering by the County.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off of U.S. Highway 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES \_\_\_\_\_ NO

If yes, name party to call: \_\_\_\_\_

Telephone number: \_\_\_\_\_

**POLYVINYL CHLORIDE (PVC)**

Diameter	Cost per Foot
15"	\$ 7.80
18"	\$ 10.64
21"	\$ 14.39
24"	\$ 18.07
30"	\$ 26.45
36"	\$ 35.94

**POLYPROPYLENE PIPE (DOUBLE WALLED)**

<u>Diameter</u>	<u>Cost per Foot</u>
15"	\$
18"	\$
21"	\$
24"	\$
30"	\$

**POLYPROPYLENE PIPE (TRIPLE WALLED)**

<u>Diameter</u>	<u>Cost per Foot</u>
30"	\$
36"	\$
42"	\$
48"	\$
54"	\$
60"	\$

**POLYETHYLENE PIPE – CORRUGATED**

Diameter	Cost per Foot
15"	\$ 7.78
18"	\$ 10.73
21"	\$ -
24"	\$ 17.68
30"	\$ 27.11
36"	\$ 33.16
42"	\$ 38.92
48"	\$ 50.88
54"	\$ —
60"	\$ —

**POLYETHYLENE PIPE – STEEL REINFORCED**

Diameter	Cost per Foot
15"	\$ —
18"	\$ —
21"	\$ —
24"	\$ —
30"	\$ 49.26
36"	\$ 61.01
42"	\$ 71.80
48"	\$ 80.62
54"	\$ 91.49
60"	\$ 129.00
66"	201.46
72"	216.75
84"	323.44

**REINFORCED CONCRETE PIPE**

Reinforced concrete culvert pipe shall be tongue and groove, meeting the specifications of Section 1026 (Polyvinyl Chloride Culvert Pipe) of the October 2015 Missouri Standard Specifications for Highway Construction. Concrete pipe shall be pre-cast and shall conform to the requirements of the Specifications for Reinforced Concrete Culvert, Storm Drain and Sewer Pipe, AASHTO M 170(ASTM C76) Current Edition, with a shell thickness designated "Wall B" in circular pipe or to the requirements of Reinforced Concrete Elliptical Culvert Storm Drain and Sewer Pipe AASHTO M 207(ASTM C507) Current Edition.

Strength of concrete shall be a minimum of 4,000 psi. Type A flexible rubber type gaskets meeting the requirements of AASHTO M 198 shall be supplied with the pipe. Pre-cast concrete flared end sections shall comply with Section 1032 (Precast Concrete Flared End Sections) of the October 2015 Missouri Standard Specifications for Highway Construction.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off of U.S. Highway 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES \_\_\_\_\_ NO \_\_\_\_\_

If yes, name party to call: \_\_\_\_\_

Telephone number: \_\_\_\_\_

Minimum Delivery Required (Circle One) Yes No  
If yes, amount \$ \_\_\_\_\_

Additional Supplier Fees \$ \_\_\_\_\_ Comments: \_\_\_\_\_

**CORRUGATED METALLIC CULVERT PIPE**

Corrugated metal pipe shall meet the specifications of Section 1020 of the October 2015 Missouri Standard Specifications for Highway Construction.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off U.S. Hwy. 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES \_\_\_\_\_ NO

If yes, name party to call: \_\_\_\_\_

Telephone number: \_\_\_\_\_

Minimum Delivery Required (Circle One) Yes No  
If yes, amount \$ Varies per diameter. Trucks to be reasonably full.

Additional Supplier Fees \$ \_\_\_\_\_ Comments: \_\_\_\_\_

Metallic coated corrugated steel pipe shall be coated with either a zinc coating or aluminum coating in accordance with Section 1020.3 of the October 2015 Missouri Standard Specifications for Highway Construction. Please specify in the tables below whether your price is for zinc coated, aluminum coated, or both.

**METALLIC COATED RIVETED PIPE**  
2 2/3" x 1/2" Corrugation

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"	Zinc	14	\$ 10.51	\$ 15.76	\$ 58.00
18"	Zinc	14	\$ 12.61	\$ 18.91	\$ 75.10
21"	Zinc	14	\$ 14.71	\$ 22.07	\$ 90.34
24"	Zinc	14	\$ 16.81	\$ 25.22	\$ 112.10
30"	Zinc	14	\$ 21.02	\$ 31.52	\$ 204.60
36"	Zinc	12	\$ 33.84	\$ 50.76	\$ 329.81
42"	Zinc	12	\$ 39.37	\$ 59.05	\$ 625.00
48"	Zinc	12	\$ 44.89	\$ 67.34	\$ 724.00

**METALLIC COATED RIVETED PIPE**  
3" x 1" Corrugation

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"	Zinc	12	\$ 65.05	\$ 97.57	\$ 858.00
60"	Zinc	12	\$ 72.10	\$ 108.15	\$ 1,286.50
66"	Zinc	12	\$ 79.16	\$ 118.73	\$ 1,384.00
72"	Zinc	12	\$ 86.23	\$ 129.31	\$ 1,533.70
84"	Zinc	12	\$ 103.00	\$ 154.51	\$ 1,812.50
96"	Zinc	12	\$ 118.29	\$ 177.44	\$ 2,403.75
108"	Zinc	10	\$ 161.87	\$ 242.81	\$ —
120"	Zinc	10	\$ 179.44	\$ 269.15	\$ —

Metallic coated corrugated steel pipe shall be coated with either a zinc coating or aluminum coating in accordance with Section 1020.3 of the October 2015 Missouri Standard Specifications for Highway Construction. Please specify in the tables below whether your price is for zinc coated, aluminum coated, or both.

*Hel Cor*  
**METALLIC COATED ~~RIVETED~~ PIPE**  
**2 2/3" x 1/2" Corrugation**

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"	Zinc	14	\$ 8.98	\$ 13.46	\$ 58.00
18"	Zinc	14	\$ 10.75	\$ 16.13	\$ 75.10
21"	Zinc	14	\$ 12.59	\$ 18.89	\$ 90.34
24"	Zinc	14	\$ 14.87	\$ 22.30	\$ 112.10
30"	Zinc	14	\$ 17.96	\$ 26.93	\$ 204.60
36"	Zinc	12	\$ 28.81	\$ 43.22	\$ 329.81
42"	Zinc	12	\$ 33.52	\$ 50.27	\$ 625.00
48"	Zinc	12	\$ 38.22	\$ 57.33	\$ 724.00

*Hel Cor*  
**METALLIC COATED ~~RIVETED~~ PIPE**  
**3" x 1" Corrugation**

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"	Zinc	12	\$ 50.11	\$ 75.17	\$ 858.00
60"	Zinc	12	\$ 56.41	\$ 84.62	\$ 1,286.50
66"	Zinc	12	\$ 61.83	\$ 92.74	\$ 1,384.00
72"	Zinc	12	\$ 67.22	\$ 100.83	\$ 1,533.70
84"	Zinc	12	\$ 75.26	\$ 112.90	\$ 1,812.50
96"	Zinc	12	\$ 86.90	\$ 130.35	\$ 2,403.75
108"	Zinc	10	\$ 123.99	\$ 185.98	\$ -
120"	Zinc	10	\$ 136.45	\$ 204.68	\$ -

**METALLIC COATED RIVETED PIPE ARCH**  
**2 2/3" x 1/2" Corrugation**

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13	Zinc	14	\$ 11.14	\$ 16.71	\$ 58.28
21x15	Zinc	14	\$ 13.37	\$ 20.05	\$ 14.70
24x18	Zinc	14	\$ 15.59	\$ 23.39	\$ 16.43
28x20	Zinc	14	\$ 17.82	\$ 26.73	\$ 97.94
35x24	Zinc	12	\$ 30.04	\$ 45.06	\$ 164.10
42x29	Zinc	12	\$ 35.90	\$ 53.85	\$ 259.56
49x33	Zinc	12	\$ 41.76	\$ 62.64	\$ 447.24
57x38	Zinc	12	\$ 47.62	\$ 71.44	\$ 557.70

**METALLIC COATED RIVETED PIPE ARCH**  
**3" x 1" Corrugation**

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46	Zinc	12	\$ 67.66	\$ 101.50	\$ 795.00
66x51	Zinc	12	\$ 75.00	\$ 112.50	\$ 1,051.25
73x55	Zinc	12	\$ 82.34	\$ 123.51	\$ 1,411.25
81x59	Zinc	12	\$ 89.67	\$ 134.51	\$ 1,485.00
95x67	Zinc	12	\$ 107.04	\$ 160.55	\$ 1,662.00
112x75	Zinc	12	\$ 122.92	\$ 184.39	\$ 2,153.00
128x83	Zinc	10	\$ 168.55	\$ 252.83	\$ NA
142x91	Zinc	10	\$ 186.84	\$ 280.26	\$ NA



*Hel Cor*  
**METALLIC COATED ~~RIVETED~~ PIPE ARCH**  
**2 2/3" x 1/2" Corrugation**

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13	Zinc	14	\$ 9.61	\$ 14.41	\$ 58.28
21x15	Zinc	14	\$ 11.57	\$ 17.26	\$ 14.70
24x18	Zinc	14	\$ 13.47	\$ 20.21	\$ 16.43
28x20	Zinc	14	\$ 15.87	\$ 23.81	\$ 97.94
35x24	Zinc	12	\$ 26.26	\$ 39.39	\$ 164.10
42x29	Zinc	12	\$ 30.87	\$ 46.31	\$ 259.56
49x33	Zinc	12	\$ 35.91	\$ 53.87	\$ 447.24
57x38	Zinc	12	\$ 40.95	\$ 61.42	\$ 557.70

*Hel Cor*  
**METALLIC COATED ~~RIVETED~~ PIPE ARCH**  
**3" x 1" Corrugation**

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46	Zinc	12	\$ 52.73	\$ 79.09	\$ 795.00
66x51	Zinc	12	\$ 59.31	\$ 88.97	\$ 1,051.25
73x55	Zinc	12	\$ 65.00	\$ 97.51	\$ 1,411.25
81x59	Zinc	12	\$ 70.69	\$ 106.02	\$ 1,485.00
95x67	Zinc	12	\$ 77.95	\$ 116.93	\$ 1,662.00
112x75	Zinc	12	\$ 89.99	\$ 134.98	\$ 2,153.00
128x83	Zinc	10	\$ 121.76	\$ 182.64	\$
142x91	Zinc	10	\$ 133.99	\$ 200.98	\$

Polymer coated corrugated steel pipe shall be coated on both sides with a protective polymer coating conforming to ASTM A 742 and AASHTO M 245. The polymer coating shall be a minimum 10 mils thick. The polymer shall be composed of polyethylene and acrylic acid copolymer - TRENCHCOAT protective film.

**POLYMER COATED RIVETED PIPE**  
**2 2/3" x 1/2" Corrugation**

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"	14	\$ 13.60	\$ 20.39	\$ NA
18"	14	\$ 16.31	\$ 24.47	\$ NA
21"	14	\$ 19.03	\$ 28.55	\$ NA
24"	14	\$ 21.75	\$ 32.63	\$ NA
30"	14	\$ 27.82	\$ 41.73	\$ NA
36"	12	\$ 45.44	\$ 68.16	\$ NA
42"	12	\$ 52.86	\$ 79.29	\$ NA
48"	12	\$ 60.28	\$ 90.42	\$ NA

**POLYMER COATED RIVETED PIPE**  
**3" x 1" Corrugation**

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"	12	\$ 87.25	\$ 130.88	\$ NA
60"	12	\$ 96.72	\$ 145.07	\$ NA
66"	12	\$ 106.18	\$ 159.27	\$ NA
72"	12	\$ 115.64	\$ 173.46	\$ NA
84"	12	\$ 137.25	\$ 205.97	\$ NA
96"	12	\$ 157.62	\$ 236.43	\$ NA
108"	10	\$ 225.14	\$ 337.71	\$ NA
120"	10	\$ 249.56	\$ 374.34	\$ NA

Polymer coated corrugated steel pipe shall be coated on both sides with a protective polymer coating conforming to ASTM A 742 and AASHTO M 245. The polymer coating shall be a minimum 10 mils thick. The polymer shall be composed of polyethylene and acrylic acid copolymer - TRENCHCOAT protective film.

*Hel Cor*  
**POLYMER COATED ~~RIVETED~~ PIPE**  
**2 2/3" x 1/2" Corrugation**

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"	14	\$ 11.81	\$ 17.72	\$ NA
18"	14	\$ 13.99	\$ 20.98	\$ NA
21"	14	\$ 16.54	\$ 24.81	\$ NA
24"	14	\$ 18.65	\$ 27.98	\$ NA
30"	14	\$ 23.31	\$ 34.97	\$ NA
36"	12	\$ 38.07	\$ 57.11	\$ NA
42"	12	\$ 44.29	\$ 66.43	\$ NA
48"	12	\$ 50.50	\$ 75.76	\$ NA

*Hel Cor*  
**POLYMER COATED ~~RIVETED~~ PIPE**  
**3" x 1" Corrugation**

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"	12	\$ 70.16	\$ 105.23	\$ NA
60"	12	\$ 77.67	\$ 116.50	\$ NA
66"	12	\$ 85.16	\$ 127.74	\$ NA
72"	12	\$ 92.63	\$ 139.00	\$ NA
84"	12	\$ 106.18	\$ 159.26	\$ NA
96"	12	\$ 120.86	\$ 181.28	\$ NA
108"	10	\$ 168.51	\$ 252.76	\$ NA
120"	10	\$ 185.80	\$ 278.70	\$ NA

*Helical Corrugation*

**POLYMER COATED RIVETED PIPE ARCH**  
**2 2/3" x 1/2" Corrugation**

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13	14	\$ 14.23	\$ 21.33	\$ NA
21x15	14	\$ 17.07	\$ 25.61	\$ NA
24x18	14	\$ 19.92	\$ 29.87	\$ NA
28x20	14	\$ 22.76	\$ 34.14	\$ NA
35x24	12	\$ 39.43	\$ 59.62	\$ NA
42x29	12	\$ 47.50	\$ 71.25	\$ NA
49x33	12	\$ 55.25	\$ 82.89	\$ NA
57x38	12	\$ 63.01	\$ 94.51	\$ NA

**POLYMER COATED RIVETED PIPE ARCH**  
**3" x 1" Corrugation**

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46	12	\$ 89.86	\$ 134.80	\$ NA
66x51	12	\$ 99.61	\$ 149.42	\$ NA
73x55	12	\$ 109.36	\$ 164.04	\$ NA
81x59	12	\$ 119.10	\$ 178.66	\$ NA
95x67	12	\$ 141.28	\$ 211.92	\$ NA
112x75	12	\$ 162.25	\$ 243.38	\$ NA
128x83	10	\$ 233.99	\$ 350.99	\$ NA
142x91	10	\$ 259.38	\$ 389.88	\$ NA

*HelCor*  
**POLYMER COATED ~~REINFORCED~~ PIPE ARCH**  
**2 2/3" x 1/2" Corrugation**

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13	14	\$ 12.44	\$ 18.66	\$ NA
21x15	14	\$ 14.74	\$ 22.11	\$ NA
24x18	14	\$ 17.42	\$ 26.13	\$ NA
28x20	14	\$ 19.66	\$ 29.48	\$ NA
35x24	12	\$ 33.58	\$ 50.37	\$ NA
42x29	12	\$ 40.13	\$ 60.20	\$ NA
49x33	12	\$ 46.68	\$ 70.02	\$ NA
57x38	12	\$ 53.24	\$ 79.85	\$ NA

*HelCor*  
**POLYMER COATED ~~REINFORCED~~ PIPE ARCH**  
**3" x 1" Corrugation**

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46	12	\$ 73.21	\$ 109.81	\$ NA
66x51	12	\$ 81.14	\$ 121.71	\$ NA
73x55	12	\$ 88.34	\$ 132.51	\$ NA
81x59	12	\$ 96.10	\$ 144.14	\$ NA
95x67	12	\$ 110.21	\$ 165.31	\$ NA
112x75	12	\$ 125.49	\$ 188.23	\$ NA
128x83	10	\$ 175.19	\$ 262.78	\$ NA
142x91	10	\$ 193.21	\$ 289.81	\$ NA



**JEFFERSON COUNTY**  
**DEPARTMENT OF ADMINISTRATIVE SERVICES**  
 729 MAPLE ST / PO BOX 100  
 HILLSBORO MO 63050  
 WWW.JEFFCOMO.ORG

**Invitation for Bid: ROADWAY DRAINAGE PIPE**

**Date Issued: 11-3-15**

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 8, 2015, AT 2:00 P.M. LOCAL TIME.

**Specification  
 Contact:**

**KURT WENGERT**  
 Department of Public Works  
 636-797-5427  
 kwengert@jeffcomo.org

**Contract  
 Contact:**

**VICKIE PRATT**  
 Department of Administrative Services  
 636-797-5380

**Mail (3) Three  
 Complete Copies  
 With Vendor And  
 Bid Information As  
 Shown In Sample:**

SAMPLE ENVELOPE

<i>VENDOR NAME</i>	
<i>VENDOR ADDRESS</i>	
<i>CONTACT NUMBER</i>	<b>DEPARTMENT OF THE COUNTY CLERK</b>
	<b>JEFFERSON COUNTY MISSOURI</b>
	<b>729 MAPLE ST / PO BOX 100</b>
	<b>HILLSBORO MO 63050-0100</b>
SEALED BID: ( <i>BID NAME</i> )	

**Contract Term:  
 UPON APPROVAL OF THE  
 COUNTY COUNCIL AND  
 COUNTY EXECUTIVE**

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor  
 Information:**

Fred Weber Reinforced Concrete Products	Michael J. Ax
<b>Company Name</b>	<b>Authorized Agent (Print)</b>
4855 Baumgartner Road	
<b>Address</b>	<b>Signature</b>
St. Louis, MO 63129	Vice President
<b>City/State/Zip Code</b>	<b>Title</b>
(314) 892-7400	12-8-15
<b>Telephone #</b>	<b>Date</b>
mjax@fredweberinc.com	(314) 892-7727
<b>E-mail</b>	<b>Fax #</b>

**SPECIFICATIONS**

**ROADWAY DRAINAGE PIPE**

The County of Jefferson wishes to purchase pipes of various materials for use in maintaining and improving storm drainage along our roadways. The intent of this specification is to allow the County flexibility in using pipes of different materials to suit a variety of needs and conditions. The vendors do not need to submit prices for materials they do not typically provide. The County maintains the right to select multiple vendors for each of the different pipe materials as necessary. The general specifications and price lists for each type of pipe material will be listed below in groups.

**THERMOPLASTIC CULVERT PIPE**

Thermoplastic culvert pipe shall meet the specifications of either Section 1028 (Polyvinyl Chloride Culvert Pipe), Section 1041 (Polypropylene Culvert Pipe) or Section 1047 (Polyethylene Culvert Pipe) of the October 2015 Missouri Standard Specifications for Highway Construction. Material will be specified during ordering by the County.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off of U.S. Highway 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES \_\_\_\_\_ NO \_\_\_\_\_

If yes, name party to call: \_\_\_\_\_

Telephone number: \_\_\_\_\_

**POLYVINYL CHLORIDE (PVC)**

No Bid

Diameter	Cost per Foot
15"	\$ -
18"	\$ -
21"	\$ -
24"	\$ -
30"	\$ -
36"	\$ -

**POLYPROPYLENE PIPE (DOUBLE WALLED)**

<u>Diameter</u>	<u>Cost per Foot</u>
15"	\$ -
18"	\$ -
21"	\$ -
24"	\$ -
30"	\$ -

**POLYPROPYLENE PIPE (TRIPLE WALLED)**

<u>Diameter</u>	<u>Cost per Foot</u>
30"	\$ -
36"	\$ -
42"	\$ -
48"	\$ -
54"	\$ -
60"	\$ -



**POLYETHYLENE PIPE – CORRUGATED**

Diameter	Cost per Foot
15"	\$ -
18"	\$ -
21"	\$ -
24"	\$ -
30"	\$ -
36"	\$ -
42"	\$ -
48"	\$ -
54"	\$ -
60"	\$ -

**POLYETHYLENE PIPE – STEEL REINFORCED**

Diameter	Cost per Foot
15"	\$ -
18"	\$ -
21"	\$ -
24"	\$ -
30"	\$ -
36"	\$ -
42"	\$ -
48"	\$ -
54"	\$ -
60"	\$ -

## REINFORCED CONCRETE PIPE

Reinforced concrete culvert pipe shall be tongue and groove, meeting the specifications of Section 1026 (Polyvinyl Chloride Culvert Pipe) of the October 2015 Missouri Standard Specifications for Highway Construction. Concrete pipe shall be pre-cast and shall conform to the requirements of the Specifications for Reinforced Concrete Culvert, Storm Drain and Sewer Pipe, AASHTO M 170(ASTM C76) Current Edition, with a shell thickness designated "Wall B" in circular pipe or to the requirements of Reinforced Concrete Elliptical Culvert Storm Drain and Sewer Pipe AASHTO M 207(ASTM C507) Current Edition.

Strength of concrete shall be a minimum of 4,000 psi. Type A flexible rubber type gaskets meeting the requirements of AASHTO M 198 shall be supplied with the pipe. Pre-cast concrete flared end sections shall comply with Section 1032 (Precast Concrete Flared End Sections) of the October 2015 Missouri Standard Specifications for Highway Construction.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off of U.S. Highway 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES X NO \_\_\_\_\_

If yes, name party to call: Keith Bussen

Telephone number: 314-913-2737

Minimum Delivery Required (Circle One) Yes   No  
If yes, amount \$ See Below

Additional Supplier Fees \$ None Comments: See Additional Notes Below

### Additional Notes

- Small Load Delivery Charge will be added to all Small/Short Load- Varies based upon Size/Qty/Location
- Pails of Lubricant and Sewertite as needed - \$45.00/Pail
- Minimum 3 Weeks Notice on Elliptical Purchases
- Minimum 3 Day Notice for all Scheduled Deliveries

**ROUND PIPES**

PIPE DIAMETER	CLASS III PRICE PER 7.5' SECTION	CLASS III PRICE PER 8' SECTION	CLASS III FLARED END SECTION	CLASS V PRICE PER 7.5' SECTION	CLASS V PRICE PER 8' SECTION	CLASS V FLARED END SECTION
15"	N/A	96.80	330.00	N/A	116.80	N/A
18"	N/A	127.20	363.00	N/A	151.60	N/A
21"	N/A	185.20	462.00	N/A	185.20	N/A
24"	N/A	185.20	495.00	N/A	258.00	N/A
30"	N/A	269.60	682.00	N/A	404.80	N/A
36"	N/A	390.00	1,116.50	N/A	662.40	N/A
42"	N/A	489.60	984.50	N/A	736.00	N/A
48"	N/A	616.80	1,171.50	N/A	881.60	N/A
54"	N/A	785.60	1,667.00	N/A	1,118.80	N/A
60"	N/A	942.80	1,930.50	N/A	1,345.20	N/A
72"	N/A	1,402.00	5,054.50	N/A	2,002.80	N/A
84"	N/A	2,117.60	9,000.00	N/A	By Request Only	N/A
96"	N/A	2,670.00	By Request Only	N/A	By Request Only	N/A

**ELLIPTICAL PIPES**

ROUND DIAMETER EQUIVALENT	CLASS III PRICE PER 7.5' SECTION	CLASS III PRICE PER 8' SECTION	CLASS III FLARED END SECTION	CLASS V PRICE PER 7.5' SECTION	CLASS V PRICE PER 8' SECTION	CLASS V FLARED END SECTION
18"	N/A	366.00	457.00	N/A	N/A	N/A
24"	N/A	440.00	584.00	N/A	N/A	N/A
30"	N/A	611.60	748.00	N/A	N/A	N/A
36"	N/A	734.00	1243.50	N/A	N/A	N/A
42"	N/A	943.20	1580.00	N/A	N/A	N/A
48"	N/A	1,138.00	1955.60	N/A	N/A	N/A
60"	N/A	1,670.00	3771.15	N/A	N/A	N/A
72"	N/A	N/A	N/A	N/A	N/A	N/A
84"	N/A	N/A	N/A	N/A	N/A	N/A
96"	N/A	N/A	N/A	N/A	N/A	N/A

**CORRUGATED METALLIC CULVERT PIPE**

Corrugated metal pipe shall meet the specifications of Section 1020 of the October 2015 Missouri Standard Specifications for Highway Construction.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off U.S. Hwy. 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES \_\_\_\_\_ NO \_\_\_\_\_

If yes, name party to call: \_\_\_\_\_

Telephone number: \_\_\_\_\_

Minimum Delivery Required (Circle One) Yes No  
If yes, amount \$ \_\_\_\_\_

Additional Supplier Fees \$ \_\_\_\_\_

Comments: \_\_\_\_\_

No Bid

Metallic coated corrugated steel pipe shall be coated with either a zinc coating or aluminum coating in accordance with Section 1020.3 of the October 2015 Missouri Standard Specifications for Highway Construction. Please specify in the tables below whether your price is for zinc coated, aluminum coated, or both.

**METALLIC COATED RIVETED PIPE**  
**2 2/3" x 1/2" Corrugation**

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"		14	\$ -	\$	\$
18"		14	\$ -	\$	\$
21"		14	\$ -	\$	\$
24"		14	\$ -	\$	\$
30"		14	\$ -	\$	\$
36"		12	\$ -	\$	\$
42"		12	\$ -	\$	\$
48"		12	\$ -	\$	\$

**METALLIC COATED RIVETED PIPE**  
**3" x 1" Corrugation**

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"		12	\$ -	\$	\$
60"		12	\$ -	\$	\$
66"		12	\$ -	\$	\$
72"		12	\$ -	\$	\$
84"		12	\$ -	\$	\$
96"		12	\$ -	\$	\$
108"		10	\$ -	\$	\$
120"		10	\$ -	\$	\$

**METALLIC COATED RIVETED PIPE ARCH**  
**2 2/3" x 1/2" Corrugation**

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13		14	\$ -	\$	\$
21x15		14	\$ -	\$	\$
24x18		14	\$ -	\$	\$
28x20		14	\$ -	\$	\$
35x24		12	\$ -	\$	\$
42x29		12	\$ -	\$	\$
49x33		12	\$ -	\$	\$
57x38		12	\$ -	\$	\$

**METALLIC COATED RIVETED PIPE ARCH**  
**3" x 1" Corrugation**

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46		12	\$ -	\$	\$
66x51		12	\$ -	\$	\$
73x55		12	\$ -	\$	\$
81x59		12	\$ -	\$	\$
95x67		12	\$ -	\$	\$
112x75		12	\$ -	\$	\$
128x83		10	\$ -	\$	\$
142x91		10	\$ -	\$	\$

Polymer coated corrugated steel pipe shall be coated on both sides with a protective polymer coating conforming to ASTM A 742 and AASHTO M 245. The polymer coating shall be a minimum 10 mils thick. The polymer shall be composed of polyethylene and acrylic acid copolymer - TRENCHCOAT protective film.

**POLYMER COATED RIVETED PIPE**  
**2 2/3" x 1/2" Corrugation**

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"	14	\$ -	\$	\$
18"	14	\$ -	\$	\$
21"	14	\$ -	\$	\$
24"	14	\$ -	\$	\$
30"	14	\$ -	\$	\$
36"	12	\$ -	\$	\$
42"	12	\$ -	\$	\$
48"	12	\$ -	\$	\$

**POLYMER COATED RIVETED PIPE**  
**3" x 1" Corrugation**

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"	12	\$ -	\$	\$
60"	12	\$ -	\$	\$
66"	12	\$ -	\$	\$
72"	12	\$ -	\$	\$
84"	12	\$ -	\$	\$
96"	12	\$ -	\$	\$
108"	10	\$ -	\$	\$
120"	10	\$ -	\$	\$

**POLYMER COATED RIVETED PIPE ARCH**  
**2 2/3" x 1/2" Corrugation**

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13	14	\$ -	\$	\$
21x15	14	\$ -	\$	\$
24x18	14	\$ -	\$	\$
28x20	14	\$ -	\$	\$
35x24	12	\$ -	\$	\$
42x29	12	\$ -	\$	\$
49x33	12	\$ -	\$	\$
57x38	12	\$ -	\$	\$

**POLYMER COATED RIVETED PIPE ARCH**  
**3" x 1" Corrugation**

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46	12	\$ -	\$	\$
66x51	12	\$ -	\$	\$
73x55	12	\$ -	\$	\$
81x59	12	\$ -	\$	\$
95x67	12	\$ -	\$	\$
112x75	12	\$ -	\$	\$
128x83	10	\$ -	\$	\$
142x91	10	\$ -	\$	\$



" Original "



JEFFERSON COUNTY  
DEPARTMENT OF ADMINISTRATIVE SERVICES  
729 MAPLE ST / PO BOX 100  
HILLSBORO MO 63050  
WWW.JEFFCOMO.ORG

Invitation for Bid: ROADWAY DRAINAGE PIPE

Date Issued: 11-3-15

BIDS SHALL BE ACCEPTED UNTIL: TUESDAY, DECEMBER 8, 2015, AT 2:00 P.M. LOCAL TIME.

**Specification  
Contact:**

**KURT WENGERT**  
Department of Public Works  
636-797-5427  
kwengert@jeffcomo.org

**Contract  
Contact:**

**VICKIE PRATT**  
Department of Administrative Services  
636-797-5380

**Mail (3) Three  
Complete Copies  
With Vendor And  
Bid Information As  
Shown In Sample:**

SAMPLE ENVELOPE

VENDOR NAME	
VENDOR ADDRESS	
CONTACT NUMBER	DEPARTMENT OF THE COUNTY CLERK
	JEFFERSON COUNTY MISSOURI
	729 MAPLE ST / PO BOX 100
	HILLSBORO MO 63050-0100
SEALED BID: (BID NAME)	

**Contract Term:**  
UPON APPROVAL OF THE  
COUNTY COUNCIL AND  
COUNTY EXECUTIVE

The undersigned certifies that he/she has the authority to bind this company in an agreement/contract to supply the commodity or service in accordance with all terms, conditions, and pricing specified. This Bid, if accepted, will constitute an Agreement and Contract with Jefferson County, Missouri, upon approval of the County Council and County Executive. Prices are firm during this agreement term, unless agreed upon in writing by the County. The County has the option to renew this agreement at the same terms and conditions as the original agreement for one additional one-year term with the written consent of the successful Bidder. Price increases for renewals are not authorized unless approved in writing by the County.

**Vendor  
Information:**

Midwest Municipal Supply	Tracy Hill
Company Name	Authorized Agent (Print)
1435 N. Bluff Rd.	Tracy Hill
Address	Signature
Collinsville IL 62234	Sales
City/State/Zip Code	Title
314-610-3470	12-7-15 37-1366562
Telephone #	Date Tax ID #
Thilliepc@AOL.com	618-344-2176
E-mail	Fax #

**SPECIFICATIONS**

**ROADWAY DRAINAGE PIPE**

The County of Jefferson wishes to purchase pipes of various materials for use in maintaining and improving storm drainage along our roadways. The intent of this specification is to allow the County flexibility in using pipes of different materials to suit a variety of needs and conditions. The vendors do not need to submit prices for materials they do not typically provide. The County maintains the right to select multiple vendors for each of the different pipe materials as necessary. The general specifications and price lists for each type of pipe material will be listed below in groups.

**THERMOPLASTIC CULVERT PIPE**

Thermoplastic culvert pipe shall meet the specifications of either Section 1028 (Polyvinyl Chloride Culvert Pipe), Section 1041 (Polypropylene Culvert Pipe) or Section 1047 (Polyethylene Culvert Pipe) of the October 2015 Missouri Standard Specifications for Highway Construction. Material will be specified during ordering by the County.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off of U.S. Highway 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES  NO

If yes, name party to call: Tony Barbarotto

Telephone number: 800-875-6020 or 618-781-3571

**POLYVINYL CHLORIDE (PVC) (A-2000) #**

Diameter	Cost per Foot
15"	\$ 7.78
18"	\$ 10.61
21"	\$ 14.36
24"	\$ 18.03
30"	\$ 26.39
36"	\$ 35.85

**POLYPROPYLENE PIPE (DOUBLE WALLED)**

<u>Diameter</u>	<u>Cost per Foot</u>
15"	\$ 7.56
18"	\$ 9.85
21"	\$ 15.74
24"	\$ 16.06
30"	\$ 27.11

**POLYPROPYLENE PIPE (TRIPLE WALLED)**

<u>Diameter</u>	<u>Cost per Foot</u>
30"	\$ 27.74
36"	\$ 36.06
42"	\$ 45.43
48"	\$ 55.85
54"	\$ N/A
60"	\$ 88.37

**POLYETHYLENE PIPE – CORRUGATED**

Diameter	Cost per Foot
15"	\$ 6.54
18"	\$ 8.50
21"	\$ N/A
24"	\$ 14.58
30"	\$ 20.66
36"	\$ 27.47
42"	\$ 36.64
48"	\$ 44.79
54"	\$ N/A
60"	\$ 67.37

**POLYETHYLENE PIPE – STEEL REINFORCED** *DuroMax*

Diameter	Cost per Foot
15"	\$ N/A
18"	\$ N/A
21"	\$ N/A
24"	\$ N/A
30"	\$ 51.73
36"	\$ 64.06
42"	\$ 75.39
48"	\$ 84.66
54"	\$ 96.07
60"	\$ 135.45

**REINFORCED CONCRETE PIPE**

Reinforced concrete culvert pipe shall be tongue and groove, meeting the specifications of Section 1026 (Polyvinyl Chloride Culvert Pipe) of the October 2015 Missouri Standard Specifications for Highway Construction. Concrete pipe shall be pre-cast and shall conform to the requirements of the Specifications for Reinforced Concrete Culvert, Storm Drain and Sewer Pipe, AASHTO M 170(ASTM C76) Current Edition, with a shell thickness designated "Wall B" in circular pipe or to the requirements of Reinforced Concrete Elliptical Culvert Storm Drain and Sewer Pipe AASHTO M 207(ASTM C507) Current Edition.

Strength of concrete shall be a minimum of 4,000 psi. Type A flexible rubber type gaskets meeting the requirements of AASHTO M 198 shall be supplied with the pipe. Pre-cast concrete flared end sections shall comply with Section 1032 (Precast Concrete Flared End Sections) of the October 2015 Missouri Standard Specifications for Highway Construction.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off of U.S. Highway 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES  NO

If yes, name party to call: Tony Barbarotta

Telephone number: 800-875-6020 or 618-781-3571

Minimum Delivery Required (Circle One) Yes No  
If yes, amount \$ \* amount will vary based on Pipe size per Load

Additional Supplier Fees \$ — Comments: \_\_\_\_\_

**ROUND PIPES**

PIPE DIAMETER	CLASS III PRICE PER 7.5' SECTION	CLASS III PRICE PER 8' SECTION	CLASS III FLARED END SECTION	CLASS V PRICE PER 7.5' SECTION	CLASS V PRICE PER 8' SECTION	CLASS V FLARED END SECTION
15"						
18"						
21"						
24"						
30"						
36"	NO BID					
42"						
48"						
54"						
60"						
72"						
84"						
96"						

**ELLIPTICAL PIPES**

ROUND DIAMETER EQUIVALENT	CLASS III PRICE PER 7.5' SECTION	CLASS III PRICE PER 8' SECTION	CLASS III FLARED END SECTION	Class III	Class IV	CLASS V FLARED END SECTION
				PRICE PER 7.5' SECTION	PRICE PER 8' SECTION	
18"	—	447.00	385.00	—	466.00	—
24"	—	532.00	500.00	—	560.00	—
30"	—	696.00	588.00	—	741.00	—
36"	—	841.00	975.00	—	905.00	—
42"	—	1,032.00	1,180.00	—	1,178.00	—
48"	—	1,260.00	1,415.00	—	1,514.00	—
60"	—	1,814.00	2,706.00	—	2,332.00	—
72"	2842.00	<del>2742.00</del> <sup>JH</sup>	—	3,286.00	—	—
84"	5,186.00	—	—	6,269.00	—	—
96" X 6' <sup>JH</sup>	5,650.00	—	—	7,197.00	—	—

**CORRUGATED METALLIC CULVERT PIPE**

Corrugated metal pipe shall meet the specifications of Section 1020 of the October 2015 Missouri Standard Specifications for Highway Construction.

Material will be ordered as needed.

Prices to be for truck load quantity delivered to each of the three maintenance sheds. Price will include all costs for shipping, handling, delivery, and assembly to locations specified by the County.

De Soto Building	2960 Lee Pyle Road, off U.S. Hwy. 67
Hillsboro Building	5275 State Highway B at Butcher Branch Road
House Springs Building	6460 State Highway MM

In emergency, can we call you after regular hours? YES  NO

If yes, name party to call: Tony Barbarotto

Telephone number: 800-875-6020 or 618-781-3571

Minimum Delivery Required (Circle One)  Yes  No  
If yes, amount \$ \_\_\_\_\_ \*Amount will vary based on pipe size per load

Additional Supplier Fees \$ \_\_\_\_\_ Comments: \_\_\_\_\_

Metallic coated corrugated steel pipe shall be coated with either a zinc coating or aluminum coating in accordance with Section 1020.3 of the October 2015 Missouri Standard Specifications for Highway Construction. Please specify in the tables below whether your price is for zinc coated, aluminum coated, or both.

**METALLIC COATED RIVETED PIPE**  
2 2/3" x 1/2" Corrugation

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"	Zinc	14	\$ 10.51	\$ 15.77	\$ 58.39
18"	S	14	\$ 12.61	\$ 18.92	\$ 75.71
21"		14	\$ 14.71	\$ 22.07	\$ 91.06
24"		14	\$ 16.81	\$ 25.22	\$ 113.00
30"		14	\$ 21.03	\$ 31.55	\$ 206.25
36"		12	\$ 33.85	\$ 50.78	\$ 332.46
42"		12	\$ 39. <del>37</del>	\$ 59.06	\$ 627.05
48"		12	\$ 44.90	\$ 67.35	\$ 736.80

**METALLIC COATED RIVETED PIPE**  
3" x 1" Corrugation

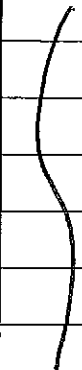
Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"	Zinc	12	\$ 65.05	\$ 97.58	\$ 864.87
60"	S	12	\$ 72.11	\$ 108.17	\$ 1,297.31
66"		12	\$ 79.16	\$ 118.74	\$ 1,394.59
72"		12	\$ 86.21	\$ 129.32	\$ 1,545.97
84"		12	\$ 103.01	\$ 154.52	\$ 1,827.05
96"		12	\$ 118.30	\$ 177.45	\$ 2,423.81
108"		10	\$ 161.88	\$ 242.82	
120"		10	\$ 179.44	\$ 269.16	



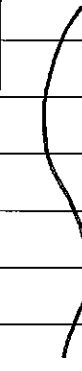
Metallic coated corrugated steel pipe shall be coated with either a zinc coating or aluminum coating in accordance with Section 1020.3 of the October 2015 Missouri Standard Specifications for Highway Construction. Please specify in the tables below whether your price is for zinc coated, aluminum coated, or both.

*Helcor option*

**METALLIC COATED RIVETED PIPE**  
**2 2/3" x 1/2" Corrugation**

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"	Zink	14	\$ 8.98	\$	\$
18"		14	\$ 10.76	\$	\$
21"		14	\$ 12.59	\$	\$
24"		14	\$ 14.87	\$	\$
30"		14	\$ 17.96	\$	\$
36"		12	\$ 28.82	\$	\$
42"		12	\$ 33.52	\$	\$
48"		12	\$ 38.22	\$	\$

**METALLIC COATED RIVETED PIPE**  
**3" x 1" Corrugation**

Diameter	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"	Zink	12	\$ 50.12	\$	\$
60"		12	\$ 56.42	\$	\$
66"		12	\$ 61.83	\$	\$
72"		12	\$ 67.23	\$	\$
84"		12	\$ 75.27	\$	\$
96"		12	\$ 86.90	\$	\$
108"		10	\$ 124.00	\$	\$
120"		10	\$ 136.50	\$	\$


**METALLIC COATED RIVETED PIPE ARCH**  
**2 2/3" x 1/2" Corrugation**

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13	ZiNK	14	\$ 11.14	\$ 16.71	\$ 58.75
21x15	)	14	\$ 13.37	\$ 20.06	\$ 68.88
24x18		14	\$ 15.60	\$ 23.40	\$ 83.80
28x20		14	\$ 17.82	\$ 26.73	\$ 98.73
35x24		12	\$ 30.04	\$ 45.06	\$ 165.42
42x29		12	\$ 35.90	\$ 53.85	\$ 261.64
49x33		12	\$ 41.76	\$ 62.64	\$ 450.82
57x38		12	\$ 47.63	\$ 71.45	\$ 562.16


**METALLIC COATED RIVETED PIPE ARCH**  
**3" x 1" Corrugation**

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46	ZiNK	12	\$ 67.67	\$ 101.51	\$ 802.16
66x51	)	12	\$ 75.01	\$ 112.52	\$ 1059.45
73x55		12	\$ 82.35	\$ 123.53	\$ 1421.65
81x59		12	\$ 89.67	\$ 134.51	\$ 1497.34
95x67		12	\$ 107.04	\$ 160.56	\$ 1,675.72
112x75		12	\$ 122.93	\$ 184.40	\$ 2,170.82
128x83		10	\$ 168.56	\$ 252.84	\$ N/A
142x91		10	\$ 186.84	\$ 280.26	\$ N/A

Helcor Option  
**METALLIC COATED RIVETED PIPE ARCH**  
 2 2/3" x 1/2" Corrugation

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13	Zink	14	\$ 9.61	\$	\$
21x15		14	\$ 11.51	\$	\$
24x18		14	\$ 13.48	\$	\$
28x20		14	\$ 15.88	\$	\$
35x24		12	\$ 26.26	\$	\$
42x29		12	\$ 30.87	\$	\$
49x33		12	\$ 35.91	\$	\$
57x38		12	\$ 40.95	\$	\$

Helcor Option  
**METALLIC COATED RIVETED PIPE ARCH**  
 3" x 1" Corrugation

Size (Inches)	Coating Type	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46	Zink	12	\$ 52.74	\$	\$
66x51		12	\$ 59.32	\$	\$
73x55		12	\$ 65.01	\$	\$
81x59		12	\$ 70.69	\$	\$
95x67		12	\$ 77.96	\$	\$
112x75		12	\$ 90.00	\$	\$
128x83		10	\$ 121.96	\$	\$
142x91		10	\$ 134.00	\$	\$

Polymer coated corrugated steel pipe shall be coated on both sides with a protective polymer coating conforming to ASTM A 742 and AASHTO M 245. The polymer coating shall be a minimum 10 mils thick. The polymer shall be composed of polyethylene and acrylic acid copolymer - TRENCHCOAT protective film.

**POLYMER COATED RIVETED PIPE**  
2 2/3" x 1/2" Corrugation

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"	14	\$ 13.60	\$ 20.40	\$
18"	14	\$ 16.32	\$ 24.48	\$
21"	14	\$ 19.04	\$ 28.56	\$
24"	14	\$ 21.76	\$ 32.64	\$
30"	14	\$ 27.83	\$ 41.75	\$
36"	12	\$ 45.45	\$ 68.18	\$
42"	12	\$ 52.86	\$ 79.29	\$
48"	12	\$ 60.28	\$ 90.42	\$

**POLYMER COATED RIVETED PIPE**  
3" x 1" Corrugation

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"	12	\$ 87.26	\$ 130.89	\$
60"	12	\$ 96.72	\$ 145.08	\$
66"	12	\$ 106.18	\$ 159.27	\$
72"	12	\$ 115.64	\$ 173.46	\$
84"	12	\$ 137.25	\$ 205.88	\$
96"	12	\$ 157.63	\$ 236.45	\$
108"	10	\$ 225.15	\$ 337.73	\$
120"	10	\$ 249.57	\$ 274.36	\$

Polymer coated corrugated steel pipe shall be coated on both sides with a protective polymer coating conforming to ASTM A 742 and AASHTO M 245. The polymer coating shall be a minimum 10 mils thick. The polymer shall be composed of polyethylene and acrylic acid copolymer - TRENCHCOAT protective film.

*Helcor option*  
**POLYMER COATED ~~RIVETED~~ PIPE**  
 2 2/3" x 1/2" Corrugation

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
15"	14	\$ 11.82	\$	\$
18"	14	\$ 13.99	\$	\$
21"	14	\$ 16.54	\$	\$
24"	14	\$ 18.65	\$	\$
30"	14	\$ 23.31	\$	\$
36"	12	\$ 38.08	\$	\$
42"	12	\$ 44.29	\$	\$
48"	12	\$ 50.51	\$	\$

*Helcor option*  
**POLYMER COATED ~~RIVETED~~ PIPE**  
 3" x 1" Corrugation

Diameter	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
54"	12	\$ 70.17	\$	\$
60"	12	\$ 77.67	\$	\$
66"	12	\$ 85.16	\$	\$
72"	12	\$ 92.64	\$	\$
84"	12	\$ 106.18	\$	\$
96"	12	\$ 120.86	\$	\$
108"	10	\$ 168.51	\$	\$
120"	10	\$ 185.81	\$	\$

**POLYMER COATED RIVETED PIPE ARCH**  
**2 2/3" x 1/2" Corrugation**

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13	14	\$ 14.23	\$ 21.35	\$
21x15	14	\$ 17.08	\$ 25.62	\$
24x18	14	\$ 19.92	\$ 29.88	\$
28x20	14	\$ 22.77	\$ 34.16	\$
35x24	12	\$ 39.75	\$ 59.63	\$
42x29	12	\$ 47.51	\$ 71.27	\$
49x33	12	\$ 55.26	\$ 82.29	\$
57x38	12	\$ 63.01	\$ 94.52	\$

**POLYMER COATED RIVETED PIPE ARCH**  
**3" x 1" Corrugation**

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46	12	\$ 89.87	\$ 134.81	\$
66x51	12	\$ 99.62	\$ 149.43	\$
73x55	12	\$ 109.36	\$ 164.04	\$
81x59	12	\$ 119.11	\$ 178.67	\$
95x67	12	\$ 141.28	\$ 211.92	\$
112x75	12	\$ 162.26	\$ 243.39	\$
128x83	10	\$ 234.00	\$ 351.00	\$
142x91	10	\$ 259.39	\$ 389.09	\$

Helcor option  
**POLYMER COATED RIVETED PIPE ARCH**  
 2 2/3" x 1/2" Corrugation

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands (EA)	Flared End Sections (EA)
17x13	14	\$ 12.45	\$	\$
21x15	14	\$ 14.75	\$	\$
24x18	14	\$ 17.42	\$	\$
28x20	14	\$ 19.66	\$	\$
35x24	12	\$ 33.58	\$	\$
42x29	12	\$ 40.14	\$	\$
49x33	12	\$ 46.69	\$	\$
57x38	12	\$ 53.24	\$	\$

Helcor option  
**POLYMER COATED RIVETED PIPE ARCH**  
 3" x 1" Corrugation

Size (Inches)	Pipe Gauge	Cost per Foot	Connecting Bands	Flared End Sections
60x46	12	\$ 73.21	\$	\$
66x51	12	\$ 81.15	\$	\$
73x55	12	\$ 88.34	\$	\$
81x59	12	\$ 96.10	\$	\$
95x67	12	\$ 110.21	\$	\$
112x75	12	\$ 125.49	\$	\$
128x83	10	\$ 175.19	\$	\$
142x91	10	\$ 193.21	\$	\$