



PROGRESS IN MOTION

CITY OF FRISCO PURCHASING DIVISION

May 12, 2020
Addendum #1 – Exhibit C, Approved Materials List
BVB #2005-055 Water, Sewer, and Meter Parts

EXHIBIT C, APPROVED MATERIALS LIST

1. Attached with this addendum is Exhibit C, a list of Approved Materials for the City's utility items. Any deviation from this list will need to be approved as an equivalent item and/or brand. Requests for approved equivalents will need to be sent to purchasing@friscotexas.gov by May 20, 2020 4:00PM CDT

Bidders are required to acknowledge receipt of this addendum by initialing in the appropriate space on the bid document. Vendors who may have already submitted a bid and feel this addendum may change their response, may pick up their response, and return it by the closing date. If picking up the response is not feasible, any new response submitted by your firm will supersede one previously submitted.

This addendum does not change the due date. The due date is May 27, 2020 2:00 PM CDT.

Sincerely,

Daniel Ford, CPPO, CPPB
Purchasing Manager

Exhibit C
City of Frisco
Approved Materials List for Utilities

Contact: David Chacon (dchacon@friscotexas.gov)

BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	NOTES	NSF 61 CERTIFIED
Air Valves		Manufacturer				
Combination Air Valves	Distribution/ Transmission	Vent-O-Mat	RBX Series	NCTCOG 502.6.3		NSF
Combination Air Valves	Distribution/ Transmission	International Valve Marketing		NCTCOG 502.6.3		
Combination Air Valves	Force Mains	Vent-O-Mat	RGX Series	NCTCOG 502.6.3		
Combination Air Valves	Force Mains	International Valve Marketing		NCTCOG 502.6.3		
Angle Meter Valve		Manufacturer				
Angle Meter Valve	1"	Ford	BA43-444W-G-NL		Comp x Meter Tail or FL	
Angle Meter Valve	2"	Ford	FV43-777W-G-NL		Comp x Meter Tail or FL	
Angle Meter Valve	1"	Cambridge	210NL-GJ4T4		Comp x Meter Tail or FL	
Angle Meter Valve	2"	Cambridge	210NL-GJ7MF7		Comp x FL	
Angle Meter Valve	1" to 2"	A.Y. McDonald	74602BG		Comp x Meter Tail or FL	
Automatic Flush Device		Manufacturer				
Eclipse		Kupferle Foundry	9800WC - Eclipse Warm Climate			
Casing Spacers		Manufacturer				
Raci Spacers		Raci North America a JR Group Company	Various		Center/ Restrained	

City of Frisco
Approved Materials List for Utilities

Contact: David Chacon dchacon@friscotexas.gov

BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	NOTES	NSF 61 CERTIFIED
PSI Model S		Pipeline Seal and Insulator, Inc.	S8G2, S8GN2, S12G2,S12GN2		Center/ Restrained	
Cleanouts		Manufacturer				
Cleanout Castings		Bass & Hays	Pattern No. 339			
Cleanout Castings		Dallas Foundry	No. 349			
Cleanout Castings		Trinity Valley Iron & Steel	No. 1684			
Corporation Stop		Manufacturer				
Plug Type	1"	Ford	F1000-4	AWWA C800	AWWA Taper x Grip Comp	
Plug Type	1"	Cambridge	302NL-A4GJ4	AWWA C800	AWWA Taper x Grip Comp	
Plug Type	1" or 2"	A.Y. McDonald	74701G	AWWA C800	AWWA Taper x Grip Comp	
Ball Type	1"	Ford	FB1000-4-G-NL	AWWA C800	AWWA Taper x Grip Comp	
Ball Type	2"	Ford	FB1000-7-G-NL	AWWA C800	AWWA Taper x Grip Comp	
Ball Type	1"	Cambridge	301NL-A4GJ4	AWWA C800	AWWA Taper x Grip Comp	
Ball Type	2"	Cambridge	301NL-A7GJ7	AWWA C800	AWWA Taper x Grip Comp	
Ball Type	1" or 2"	A.Y. McDonald	74701BG	AWWA C800	AWWA Taper x Grip Comp	
Fire Hydrants		Manufacturer				

City of Frisco
Approved Materials List for Utilities

Contact: David Chacon dchacon@friscotexas.gov

BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	NOTES	NSF 61 CERTIFIED
Fire Hydrant		American Flow Control	5 1/4" Waterous Pacer	AWWA C502	Rain cap Required	NSF
Fire Hydrant		American Flow Control	5 1/4" American Darling B-84-B-5	AWWA C502	Rain cap Required	NSF
Fire Hydrant Paint (Entire Hydrant)	All Main Sizes	Tnemec	Series 530 Omnithane		Aluminum	
Fire Hydrant Paint (Top bonnett, lip and nozzle caps)	6" Main Size	Tnemec	Series 530 Omnithane		Aluminum	
Fire Hydrant Paint (Top bonnett, lip and nozzle caps)	8" Main Size	Tnemec	Series 2H		True Blue / Safety	
Fire Hydrant Paint (Top bonnett, lip and nozzle caps)	12" and Larger Main Size	Tnemec	Series 2H		Yellow / Safety	
Fire Hydrant Extension		Manufacturer				
Fire Hydrant Extension		Match Hydrant Manufacturer			Breakaway coupler shall be located per manufacturer recommendation	
Fire Hydrant Reflector		Manufacturer				
Fire Hydrant Reflector		Stimsonite	C88-AB		Blue	
Fittings		Manufacturer				
Ductile Iron Fittings		American, U.S. Pipe, Tyler Pipe, Star Pipe Products, SIP Industries	Full Body or Compact	AWWA C110/ AWWA C153	Distribution/ Transmission	NSF
Manhole Appurt.		Manufacturer				
Manhole Ring and Cover	30" Opening Wastewater	ej	00149595A01		With Logo	

City of Frisco
Approved Materials List for Utilities

Contact: David Chacon dchacon@friscotexas.gov

BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	NOTES	NSF 61 CERTIFIED
Manhole Ring and Cover	30" Opening Wastewater	ej	00147925W01	ASTM 48	Watertight- Bass and Hays is master distributor in DFW area	
Manhole Ring and Cover	30" Opening Wastewater	Neenah Foundry	NF-1931T20	ASTM A-48	WH FRISCO LOGO CLASS 35B GRAY IRON	
Manhole Ring and Cover	30" Opening Wastewater	Neenah Foundry	NF-1931T19	ASTM A-48	WH FRISCO LOGO CLASS 35B GRAY IRON BOLTED LID	
Manhole Ring and Cover	30" Opening Wastewater	SIP Industries	2283	ASTM A-48	With Logo	
Manhole Ring and Cover	30" Opening Wastewater	SIP Industries	2283WT	ASTM A-48	With Logo	
Manhole Reversible Ring	30" Opening	SIP Industries	VM19 32		32 Inch Reversible Ring Only	
Manhole Cover	30" Opening (Storm water)	SIP Industries	2283STMC		32 Inch Cover only Bass Fish Logo (Storm Sewer MH)	
Manhole Ring and Cover	24" Opening (Storm water)	Bass and Hays	BH400-24		Bass Fish Logo (Storm Sewer MH)	
Manhole Ring and Cover	24" Opening (Storm water)	SIP Industries	2294		Bass Fish Logo (Storm Sewer MH)	
Manhole Ring and Cover	18" Opening (Storm water)	Bass and Hays	BH 184L		Bass Fish Logo (Storm Sewer Inlet)	
Manhole Ring and Cover	18" Opening (Storm water)	SIP Industries	19CFSTRC		Bass Fish Logo (Storm Sewer Inlet)	
Manhole to Pipe Connectors	6" to 15"	Trelleborg	Kor-N-Seal I 106/406 Series	ASTM C923	Precast Manholes	
Manhole to Pipe Connectors	18" to 48"	Trelleborg	Kor-N-Seal II 206 Series	ASTM C923	Precast Manholes	
Manhole to Pipe Connectors	8" to 48"	A-LOK Products	A-LOK Premium	ASTM C923	Precast Manholes	
Manhole to Pipe Connectors	8" to 48"	A-LOK Products	A-LOK Fiberglass Field Sleeve	ASTM C923	Cast-In-Place Manholes	

City of Frisco
Approved Materials List for Utilities

Contact: David Chacon dchacon@friscotexas.gov

BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	NOTES	NSF 61 CERTIFIED
Manhole Waterproofing Material	16 mils	Carboline	Bitumastic 300M	AWWA C210	Precast / Cast-In-Place	
Odor Control Material		Manufacturer				
Odor Control Cannister	1850 Odor Control Sewer Valve	Wager Company	1800- Odor Control		for Goose Neck Vents	
Pipe Material		Manufacturer				
Ductile Iron Pipe	16" to 48"	American, U.S. Pipe, McWane	Pressure Class 150, 250, 300, 350	AWWA C151	Distribution/ Transmission	NSF
PVC Pipe	6" to 30"	Various Manufacturers	DR-14, DR-18	AWWA C900 AWWA C905	Distribution/ Transmission	NSF
PVC Pipe	6" to 15"	Various Manufacturers	SDR 26 (PS 115) SDR 35 (PS 46)	ASTM D3034	Non-pressure Wastewater	
PVC Pipe	18" to 48"	Various Manufacturers	PS 115	ASTM F679	Non-pressure Wastewater	
PVC Pipe	6" to 12"	Various Manufacturers	SDR 26 (Pressure rated 160 psi)	ASTM D2241	Pressure Wastewater; White in Color	
PVC Pipe	16" to 42"	Various Manufacturers	DR-25	AWWA C905	Pressure Wastewater; White in Color	
Fiberglass Pipe	18" to 72"	Hobas, Flowtite, Future	PS 46	ASTM D3262	Non-pressure Wastewater	
Polywrap		Manufacturer				
Polyethylene Encasement	Ductile Iron Pipe and Fittings	Various Manufacturers	8 mils	AWWA C105		
Adhesive Tape	2" Wide	Polyken	Scotchrap No. 50			
Retainer Glands		Manufacturer				

City of Frisco
Approved Materials List for Utilities

Contact: David Chacon dchacon@friscotexas.gov

BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	NOTES	NSF 61 CERTIFIED
Retainer Glands	For MJ DI Pipe Up to 36"	Uni-Flange	Series 1400-D	AWWA C600 NCTCOG 502.4		
Retainer Glands	For MJ DI Pipe Up to 36"	Star Pipe Products	Star Grip Series 3000	AWWA C600 NCTCOG 502.4		
Retainer Glands	For MJ DI Pipe Up to 48"	Ebba Iron	Megalug Series 1100, 1100SD	AWWA C600 NCTCOG 502.4		
Retainer Glands	For MJ DI Pipe Up to 48"	SIP Industries	EZ GRIP	AWWA C600 NCTCOG 502.4		
Retainer Glands	For MJ PVC Pipe Up to 24"	Uni-Flange	Series 1500, 1500-C	AWWA C600 NCTCOG 502.4		
Retainer Glands	For MJ PVC Pipe Up to 24"	Ebba Iron	Megalug Series 2000PV	NCTCOG 502.4		
Retainer Glands	For MJ PVC Pipe Up to 36"	Star Pipe Products	Star Grip Series 4000			
Retainer Glands	For MJ PVC Pipe Up to 36"	SIP Industries	EZ GRIP	NCTCOG 502.4		
Reclaimed Water Meter		Manufacturer				
	1"-6"	Neptune (sole source)			No Lead	
Reclaimed Water Meter Boxes		Manufacturer				
water meter box	1"	DFW Plastics	DFW36C-12-5BA		purple	
water meter box	1 1/2" or 2"	DFW Plastics	DFW1730F-18-5BA		purple	
Service Saddles		Manufacturer				
Service Saddle	3/4" to 2"	Ford	Style 202B		Brass with double bronze straps	
Service Saddle	3/4" to 2"	Cambridge	Series 810		Brass with double bronze straps	

City of Frisco
Approved Materials List for Utilities

Contact: David Chacon dchacon@friscotexas.gov

BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	NOTES	NSF 61 CERTIFIED
Service Saddle	3/4" to 2"	A. Y. McDonald	Model #3825		Brass with double bronze straps	
Service Saddle	2"	Ford	Model S40-204		For use on Meter Vault Bypass only	
Tapping Sleeve		Manufacturer				
Tapping Sleeve	For DI, CI, PVC Up to 24"	Mueller	Model #H-615	AWWA C600	Gray or DI, Full Bodied	NSF
Tapping Sleeve	For DI Up to 36"	American	Series 2800	AWWA C600	DI Full Bodied	NSF
Tapping Sleeve	For CI or DI 14" to 36"	American	Series 1004	AWWA C600	DI Full Bodied	NSF
Tapping Sleeve	For DI, CI, PVC Up to 36"	U.S. Pipe	T-9	AWWA C600	DI Full Bodied	NSF
Tapping Sleeve	20" and Larger	Smith-Blair	Style 623	AWWA C600	Stainless Steel	NSF
Valves		Manufacturer				
Gate Valve	6" to 12" 150 psi test	Mueller	2360 Series	AWWA C509	Distribution	NSF
Gate Valve	16" to 24" 150 psi test	M&H	Style 4067	AWWA C509	Distribution	NSF
Gate Valve	6" to 16" 150 psi test	M&H	Style 7571	AWWA C515	Distribution	NSF
Gate Valve	6" to 24" 150 psi test	American Flow Control	Series 2500	AWWA C509	Distribution	NSF
Butterfly Valve	16" to 48"	Mueller	3211 Series	AWWA C504	Distribution/ Transmission	NSF
Butterfly Valve	16"to 24"	M&H	Style 4500	AWWA C504	Distribution/ Transmission	NSF
Butterfly Valve	30" to 48"	M&H	Style 1450	AWWA C504	Distribution/ Transmission	NSF

City of Frisco
Approved Materials List for Utilities

Contact: David Chacon dchacon@friscotexas.gov

BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	NOTES	NSF 61 CERTIFIED
Plug Valve (Eccentric)	4" to 24"	M&H	Style 1820	AWWA C504 AWWA C505		NSF
Valve Stack		Manufacturer				
Valve Stack	3 piece screw type	Tyler Union, PROSELECT, Star Pipe Products	Tyler Union 30U 6850, PROSELECT PSVBxxxSW, Star Pipe VB-0001		2 Piece Screw types with lid to make 3 Piece	
Valve Box Insert		Manufacturer				
Valve Box Insert		Parsons Environmental	Valve Box Insert	ASTM D1248	5 1/4" SRC	
Water Meter AMR Lids		Manufacturer				
	18" x 18"	DFW Plastics	DFW18 AMR -1SF 6540 FRICO LID	ASTM C857-95		
	28" x 18"	DFW Plastics	DFW20G-1BT-LID	ASTM C857-95		
Water Meter Vaults & Internals		Manufacturer				
Domestic Meter Vault	3" to 6" Meter	Park Environmental Equipment Co.	Precast Concrete		Galvanized Steel Hatchway (Bolt Down & Traffic Rated)	
Domestic Meter Vault	3" to 6" Meter	FORTERRA	Precast Concrete		Galvanized Steel Hatchway (Bolt Down & Traffic Rated)	
Double Detector Check Fire Meter Vault	4" to 10" Meter	Park Environmental Equipment Co.	Precast Concrete		Aluminum Hatchway	
Double Detector Check Fire Meter Vault	4" to 10" Meter	FORTERRA	Precast Concrete		Aluminum Hatchway	
By Pass	2"		Brass		For Water Meter Vault	

City of Frisco
Approved Materials List for Utilities

Contact: David Chacon dchacon@friscotexas.gov

BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	NOTES	NSF 61 CERTIFIED
By Pass	4"		Ductile Iron		For Water Meter Vault	
By Pass Flange	2"	Ford	RF-21-NL		Brass Flange for 2" By Pass	
Water Meter Strainer	3",4",6"	Neptune (sole source)			See Water Meter Couplings	
Service Saddle	1"	Ford	S70-204		For use on Brass Bypass only	
Service Saddle	1"	Ford	F202B-750-CC4		For use on Ductile Iron Bypass only	
Flanged Coupling Adapter	3" to 6" Meter	Smith-Blair	Model 912			
Flanged Coupling Adapter	3" to 6" Meter	PowerSeal	Model 3521			
Water Meter Boxes		Manufacturer				
Water Meter Boxes	1"	DFW Plastics	DFW-1814F-1SF6450 FRISCO			
Water Meter Boxes	1-1/2" to 2"	DFW Plastics	DFW-2818-1BT			
Water Meter Boxes	1"	DFW Plastics	DFW-37C-KSBSM		Reclaimed only (Purple)	
Water Meter Boxes	1-1/2" to 2"	DFW Plastics	D1730 -18-KSBSM		Reclaimed only (Purple)	
Water Services		Manufacturer				
Pipe Inserts	1"	Ford (Sole Source)	Insert -52			

City of Frisco
Approved Materials List for Utilities

Contact: David Chacon dchacon@friscotexas.gov

BASIC PRODUCT CATEGORY	PRODUCT SUB-CATEGORY	MANUFACTURER	MODEL, TYPE, OR STYLE APPROVED	GOVERNING SPECIFICATION	NOTES	NSF 61 CERTIFIED
Pipe Inserts	2"	Ford (Sole Source)	Insert -55			
HDPE Water Service Pipe	3/4" to 2"	Endot Industries	EndoTrace	AWWA C901 ASTM D2239	Blue with Tracer wire	NSF