



DATE:

LABOR RATE \$ -

SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT COST	MATERIAL COST	LABOR RATE	LABOR	LABOR COST	TOTAL COST
FIRE PROTECTION ESTIMATE											
SPRINKLER PIPE W/ FITTINGS (ABOVE GRADE)											
Standard Weight Black Steel Pipe, Schedule 40, Welded Or Seamless, Fitting: Threaded: Standard Malleable Iron Couplings With Flat Band. Red Or White Lead And Oil Or Approved Compound											
1	1" Dia Sprinkler Pipe	2672	10%	2940	LFT		\$ -	\$ -		\$ -	\$ -
2	1-1/4" Dia Sprinkler Pipe	963	10%	1059	LFT		\$ -	\$ -		\$ -	\$ -
3	1-1/2" Dia Sprinkler Pipe	729	10%	802	LFT		\$ -	\$ -		\$ -	\$ -
4	2-1/2" Dia Sprinkler Pipe	224	10%	246	LFT		\$ -	\$ -		\$ -	\$ -
Standard Weight Black Steel Pipe, Schedule 40, Welded Or Seamless, Fitting: Mechanical Couplings: Victaulic Style 07, Rolled Groove.											
5	3" Dia Sprinkler Pipe	860	10%	946	LFT		\$ -	\$ -		\$ -	\$ -
ELBOW											
1	1" Dia Sprinkler Pipe 90 Deg Elbow	286	0%	286	EA		\$ -	\$ -		\$ -	\$ -
2	1-1/4" Dia Sprinkler Pipe 90 Deg Elbow	54	0%	54	EA		\$ -	\$ -		\$ -	\$ -
3	1-1/2" Dia Sprinkler Pipe 90 Deg Elbow	33	0%	33	EA		\$ -	\$ -		\$ -	\$ -
4	2-1/2" Dia Sprinkler Pipe 90 Deg Elbow	3	0%	3	EA		\$ -	\$ -		\$ -	\$ -
5	3" Dia Sprinkler Pipe 90 Deg Elbow	20	0%	20	EA		\$ -	\$ -		\$ -	\$ -
6	1" Dia Sprinkler Pipe 45 Deg Elbow	1	0%	1	EA		\$ -	\$ -		\$ -	\$ -
7	1-1/4" Dia Sprinkler Pipe 45 Deg Elbow	1	0%	1	EA		\$ -	\$ -		\$ -	\$ -
8	1-1/2" Dia Sprinkler Pipe 45 Deg Elbow	1	0%	1	EA		\$ -	\$ -		\$ -	\$ -
9	2-1/2" Dia Sprinkler Pipe 45 Deg Elbow	1	0%	1	EA		\$ -	\$ -		\$ -	\$ -
10	3" Dia Sprinkler Pipe 45 Deg Elbow	3	0%	3	EA		\$ -	\$ -		\$ -	\$ -
TEE											
1	1" Dia Sprinkler Pipe Tee	69	0%	69	EA		\$ -	\$ -		\$ -	\$ -
2	1-1/4" Dia Sprinkler Pipe Tee	7	0%	7	EA		\$ -	\$ -		\$ -	\$ -
3	1-1/2" Dia Sprinkler Pipe Tee	7	0%	7	EA		\$ -	\$ -		\$ -	\$ -
4	2-1/2" Dia Sprinkler Pipe Tee	13	0%	13	EA		\$ -	\$ -		\$ -	\$ -
5	3" Dia Sprinkler Pipe Tee	10	0%	10	EA		\$ -	\$ -		\$ -	\$ -
6	1-1/4" / 1" Dia Sprinkler Pipe Tee	107	0%	107	EA		\$ -	\$ -		\$ -	\$ -
7	1-1/2" / 1" Dia Sprinkler Pipe Tee	75	0%	75	EA		\$ -	\$ -		\$ -	\$ -
8	1-1/2" / 1-1/4" Dia Sprinkler Pipe Tee	18	0%	18	EA		\$ -	\$ -		\$ -	\$ -
9	2-1/2" / 1" Dia Sprinkler Pipe Tee	21	0%	21	EA		\$ -	\$ -		\$ -	\$ -
10	2-1/2" / 1-1/4" Dia Sprinkler Pipe Tee	1	0%	1	EA		\$ -	\$ -		\$ -	\$ -
11	3" / 1" Dia Sprinkler Pipe Tee	59	0%	59	EA		\$ -	\$ -		\$ -	\$ -
12	3" / 1-1/4" Dia Sprinkler Pipe Tee	23	0%	23	EA		\$ -	\$ -		\$ -	\$ -
13	3" / 1-1/2" Dia Sprinkler Pipe Tee	16	0%	16	EA		\$ -	\$ -		\$ -	\$ -
14	3" / 2-1/2" Dia Sprinkler Pipe Tee	16	0%	16	EA		\$ -	\$ -		\$ -	\$ -
REDUCER											
1	1-1/4" / 1" Dia Sprinkler Pipe Reducer	93	0%	93	EA		\$ -	\$ -		\$ -	\$ -
2	1-1/2" / 1" Dia Sprinkler Pipe Reducer	62	0%	62	EA		\$ -	\$ -		\$ -	\$ -
3	1-1/2" / 1-1/4" Dia Sprinkler Pipe Reducer	21	0%	21	EA		\$ -	\$ -		\$ -	\$ -
4	2-1/2" / 1" Dia Sprinkler Pipe Reducer	6	0%	6	EA		\$ -	\$ -		\$ -	\$ -
5	2-1/2" / 1-1/4" Dia Sprinkler Pipe Reducer	12	0%	12	EA		\$ -	\$ -		\$ -	\$ -
6	2-1/2" / 1-1/2" Dia Sprinkler Pipe Reducer	11	0%	11	EA		\$ -	\$ -		\$ -	\$ -
7	3" / 1" Dia Sprinkler Pipe Reducer	1	0%	1	EA		\$ -	\$ -		\$ -	\$ -
8	3" / 1-1/4" Dia Sprinkler Pipe Reducer	13	0%	13	EA		\$ -	\$ -		\$ -	\$ -
9	3" / 1-1/2" Dia Sprinkler Pipe Reducer	49	0%	49	EA		\$ -	\$ -		\$ -	\$ -
STANDPIPE SUPPLY PIPE W/ FITTINGS (ABOVE GRADE)											
Standard Weight Black Steel Pipe, Schedule 40, Welded Or Seamless, Fitting: Mechanical Couplings: Victaulic Style 77, Rolled Groove											
1	4" Dia Standpipe Supply Pipe	43	10%	47	LFT		\$ -	\$ -		\$ -	\$ -
2	4" Dia Standpipe Supply Pipe (Vertical pipe riser)	98	10%	108	LFT		\$ -	\$ -		\$ -	\$ -
3	6" Dia Standpipe Supply Pipe	215	10%	237	LFT		\$ -	\$ -		\$ -	\$ -
4	6" Dia Standpipe Supply Pipe (Vertical pipe riser)	98	10%	108	LFT		\$ -	\$ -		\$ -	\$ -
5	8" Dia Standpipe Supply Pipe	187	10%	205	LFT		\$ -	\$ -		\$ -	\$ -
ELBOW											
1	4" Dia Standpipe Supply Pipe 90 Deg Elbow	8	0%	8	EA		\$ -	\$ -		\$ -	\$ -
2	6" Dia Standpipe Supply Pipe 90 Deg Elbow	22	0%	22	EA		\$ -	\$ -		\$ -	\$ -
3	8" Dia Standpipe Supply Pipe 90 Deg Elbow	10	0%	10	EA		\$ -	\$ -		\$ -	\$ -
4	6" Dia Standpipe Supply Pipe 45 Deg Elbow	1	0%	1	EA		\$ -	\$ -		\$ -	\$ -
5	8" Dia Standpipe Supply Pipe 45 Deg Elbow	2	0%	2	EA		\$ -	\$ -		\$ -	\$ -
TEE											
1	6" Dia Standpipe Supply Pipe Tee	6	0%	6	EA		\$ -	\$ -		\$ -	\$ -
2	4" / 2-1/2" Dia Standpipe Supply Pipe Tee	12	0%	12	EA		\$ -	\$ -		\$ -	\$ -
3	6" / 2-1/2" Dia Standpipe Supply Pipe Tee	10	0%	10	EA		\$ -	\$ -		\$ -	\$ -
4	6" / 3" Dia Standpipe Supply Pipe Tee	10	0%	10	EA		\$ -	\$ -		\$ -	\$ -
5	6" / 4" Dia Standpipe Supply Pipe Tee	2	0%	2	EA		\$ -	\$ -		\$ -	\$ -
REDUCER											
1	6" / 4" Dia Standpipe Supply Pipe Reducer	1	0%	1	EA		\$ -	\$ -		\$ -	\$ -
FIRE DRAIN PIPE W/ FITTINGS (ABOVE GRADE)											
Schedule 40 Standard Weight Galvanized Steel Pipe, Fitting: Threaded: Galvanized Malleable Iron With Flat Band Pattern											
1	3" Dia Sprinkler Drain Pipe	95	10%	105	LFT		\$ -	\$ -		\$ -	\$ -
2	3" Dia Sprinkler Drain Pipe (Vertical pipe riser)	98	10%	108	LFT		\$ -	\$ -		\$ -	\$ -
ELBOW											
1	3" Dia Sprinkler Drain Pipe 90 Deg Elbow	21	0%	21	EA		\$ -	\$ -		\$ -	\$ -
TEE											
1	3" Dia Sprinkler Drain Pipe Tee	8	0%	8	EA		\$ -	\$ -		\$ -	\$ -

SPRINKLER DRY PIPE (ABOVE GRADE)										
Standard Weight Black Steel Pipe, Schedule 40, Welded Or Seamless, Fitting: Threaded: Standard Malleable Iron Couplings With Flat Band. Red Or White Lead And Oil Or Approved Compound										
1	2" Dia Sprinkler Dry Pipe	40	10%	44	LFT	\$ -	\$ -	\$ -	\$ -	
2	2" Dia Sprinkler Dry Pipe (Vertical pipe riser)	96	10%	106	LFT	\$ -	\$ -	\$ -	\$ -	
ELBOW										
1	2" Dia Sprinkler Dry Pipe 90 Deg Elbow	3	0%	3	EA	\$ -	\$ -	\$ -	\$ -	
TEE										
1	2" / 1" Dia Sprinkler Dry Pipe Tee	5	0%	5	EA	\$ -	\$ -	\$ -	\$ -	
VALVES (ASSUMED)										
1	2-1/2" Dia O.S&Y Valve W/ TS (Manually open), MILWAUKEE VALVE Co Or CRANE VALVE Co,	2	0%	2	EA	\$ -	\$ -	\$ -	\$ -	
2	4" Dia O.S&Y Valve W/ TS (Manually open), MILWAUKEE VALVE Co Or CRANE VALVE Co, Iron	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -	
3	6" Dia House Control O.S&Y Valve W/ TS (Manually open), MILWAUKEE VALVE Co Or CRANE	8	0%	8	EA	\$ -	\$ -	\$ -	\$ -	
4	8" Dia House Control O.S&Y Valve W/ TS (Manually open), MILWAUKEE VALVE Co Or CRANE	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -	
5	2-1/2" Dia Check Valve, MILWAUKEE VALVE Co Or CRANE VALVE Co, Iron Body, Bronze Trim,	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -	
6	6" Dia Alarm Check Valve, MILWAUKEE VALVE Co Or CRANE VALVE Co, Iron Body, Bronze Dis	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -	
7	6" Dia Check Valve, MILWAUKEE VALVE Co Or CRANE VALVE Co, Iron Body, Bronze Disc With	3	0%	3	EA	\$ -	\$ -	\$ -	\$ -	
8	2-1/2" Dia T&P Relief Valve, MILWAUKEE VALVE Co Or CRANE VALVE Co, Straight Or Angle G	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -	
9	2-1/2" Dia T&P Relief Valve Drain Pipe (Copper, 12'-0" Length assumed)	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -	
10	1/2" Dia Ball Valve, CRANE VALVE, NORTH AMERICA Or HAMMOND VALVE, MSS SP 110, 600	2	0%	2	EA	\$ -	\$ -	\$ -	\$ -	
11	1" Dia Drain Valve, MILWAUKEE VALVE Co Or CRANE VALVE Co, Straight Or Angle Globe Valv	2	0%	2	EA	\$ -	\$ -	\$ -	\$ -	
12	3/4" Automatic Ball Drips Spill Over Grade MILWAUKEE VALVE Co Or CRANE VALVE Co, Strai	2	0%	2	EA	\$ -	\$ -	\$ -	\$ -	
Provide W/ Drain Pipe (Copper, 12'-0" Length assumed)										
FIRE SPRINKLER SYSTEM FIXTURE AND ACCESSORIES										
FIRE SPRINKLERS										
1	1/2" Dia Concealed Pendent Sprinkler, RELIABLE G5-56, SIN: RA3415, Style: Standard, Respo	299	0%	299	EA	\$ -	\$ -	\$ -	\$ -	
1. Sprinklers Shall Be Free Of All Foreign Substances Such As Paint Or Primer. Sprinklers Wit										
2. Sprinkler Heads That May Be Subject To Accidental Damage (Located Within 7'-0" A.F.F., S										
2	1/2" Dia Horizontal Sidewall, RELIABLE F1FR56, SIN: RA1435, Style: Standard, Response: Qu	124	0%	124	EA	\$ -	\$ -	\$ -	\$ -	
1. Sprinklers Shall Be Free Of All Foreign Substances Such As Paint Or Primer. Sprinklers Wit										
2. Sprinkler Heads That May Be Subject To Accidental Damage (Located Within 7'-0" A.F.F., S										
3	1/2" Dia Upright Sprinkler, RELIABLE F1FR56, SIN: RA1425, Style: Standard, Response: Quick	21	0%	21	EA	\$ -	\$ -	\$ -	\$ -	
1. Sprinklers Shall Be Free Of All Foreign Substances Such As Paint Or Primer. Sprinklers Wit										
2. Sprinkler Heads That May Be Subject To Accidental Damage (Located Within 7'-0" A.F.F., S										
4	EC, 1/2" Dia Horizontal Sidewall Sprinkler, Horizontal Sidewall, RELIABLE DH56, SIN: RA1564	29	0%	29	EA	\$ -	\$ -	\$ -	\$ -	
1. Sprinklers Shall Be Free Of All Foreign Substances Such As Paint Or Primer. Sprinklers Wit										
2. Sprinkler Heads That May Be Subject To Accidental Damage (Located Within 7'-0" A.F.F., S										
5	1/2" Dia Horizontal Sidewall Sprinkler (EX), Horizontal Sidewall Sprinkler, Horizontal Sidew	3	0%	3	EA	\$ -	\$ -	\$ -	\$ -	
1. Sprinklers Shall Be Free Of All Foreign Substances Such As Paint Or Primer. Sprinklers Wit										
2. Sprinkler Heads That May Be Subject To Accidental Damage (Located Within 7'-0" A.F.F., S										
6	Dry Horizontal Sidewall, RELIABLE F3QR56, SIN: F3QR56, Style: Standard Dry, Response: Qui	5	0%	5	EA	\$ -	\$ -	\$ -	\$ -	
1. Sprinklers Shall Be Free Of All Foreign Substances Such As Paint Or Primer. Sprinklers Wit										
2. Sprinkler Heads That May Be Subject To Accidental Damage (Located Within 7'-0" A.F.F., S										
FIRE SPRINKLERS (NOT SHOWN IN PLANS)										
1	EC, Concealed Pendent Sprinkler, RELIABLE G4XLO-QRECOH, SIN: R7146, Style: Extended Co	0	0%	0	EA	\$ -	\$ -	\$ -	\$ -	
1. Sprinklers Shall Be Free Of All Foreign Substances Such As Paint Or Primer. Sprinklers Wit										
2. Sprinkler Heads That May Be Subject To Accidental Damage (Located Within 7'-0" A.F.F., S										
2	Horizontal Sidewall, RELIABLE RFC49, SIN: RFC49, Style: Extended Coverage, Response: Quick	0	0%	0	EA	\$ -	\$ -	\$ -	\$ -	
1. Sprinklers Shall Be Free Of All Foreign Substances Such As Paint Or Primer. Sprinklers Wit										
2. Sprinkler Heads That May Be Subject To Accidental Damage (Located Within 7'-0" A.F.F., S										
3	Concealed Pendent Sprinkler, RELIABLE G4XLO-QRECOH, SIN: R7146, Style: Residential, Res	0	0%	0	EA	\$ -	\$ -	\$ -	\$ -	
1. Sprinklers Shall Be Free Of All Foreign Substances Such As Paint Or Primer. Sprinklers Wit										
2. Sprinkler Heads That May Be Subject To Accidental Damage (Located Within 7'-0" A.F.F., S										
4	D, Dry Pendent Sprinkler, RELIABLE F3QR, SIN: R5714, Style: Standard Dry, Response: Quick,	0	0%	0	EA	\$ -	\$ -	\$ -	\$ -	
1. Sprinklers Shall Be Free Of All Foreign Substances Such As Paint Or Primer. Sprinklers Wit										
2. Sprinkler Heads That May Be Subject To Accidental Damage (Located Within 7'-0" A.F.F., S										
5	B, Sprinkler Below Obstruction, RELIABLE F1FR56, SIN: RA1414/1425, Style: Standard, Resp	0	0%	0	EA	\$ -	\$ -	\$ -	\$ -	
1. Sprinklers Shall Be Free Of All Foreign Substances Such As Paint Or Primer. Sprinklers Wit										
2. Sprinkler Heads That May Be Subject To Accidental Damage (Located Within 7'-0" A.F.F., S										
PUMPS										
1	FP-1, Fire Pump, Pump: PEERLESS 4AEF10B, Controller: FIRETROL FTA1930, Type: Electric Ho	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -	
2	JP-1, Jockey Pump, Pump: PEERLESS CR 3-9-3PH, Controller: FIRETROL FTA560E, Type: Elect	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -	
12" Tall Concrete Pad (1.7'Lx1.7'W Size assumed)										
12" Tall Concrete Pad (4'Lx3'W Size assumed)										
FLOOR CONTROL ASSEMBLY										
1	3" Dia FCA, Floor Control Assembly	10	0%	10	EA	\$ -	\$ -	\$ -	\$ -	
2	2" Dia FCA, Floor Control Assembly	2	0%	2	EA	\$ -	\$ -	\$ -	\$ -	
2" Dia Butterfly Valve, MILWAUKEE VALVE CO. Or CRANE VALVE CO, Bronze Two Piece Body,										
3" Dia Butterfly Valve, MILWAUKEE VALVE CO. Or CRANE VALVE CO, Bronze Two Piece Body,										
2" Dia Check Valve, MILWAUKEE VALVE CO. Or CRANE VALVE CO, Bronze Body And Swing										
Disc, Rubber Seat, Threaded										
Ends.										
3" Dia Check Valve, MILWAUKEE VALVE CO. Or CRANE VALVE CO, Bronze Body And Swing										
Disc, Rubber Seat, Threaded Ends.										
2" Dia Zone Control Module (Combination Test and Drain Valve, Flow and Pressure										
Switch)										
3" Dia Zone Control Module (Combination Test and Drain Valve Brass Construction, Flow										
and Pressure Switch)										
2" Dia Coupling, Black Steel										
3" Dia Coupling, Black Steel										
Pressure Gauge										
1/2" Dia Ball Valve, CRANE VALVE, NORTH AMERICA Or HAMMOND VALVE, MSS SP 110, 600										
1/2" Automatic Air Venting Valve										
FIRE HOSE VALVE W/ CABINETS										

1	2-1/2" Dia FHV, Fire Hose Valve W/Cap and Chain, POTTER ROEMER Or WSA Inc, Angle Type; Brass Finish; 2-1/2 Inch Size, Thread To Match Fire Department Hardware, With Threaded Cap And Chain Of Brass Finish. Valves Shall Be Similar To Potter Roemer Fig. 4065 Or Croker Corp. Fig. 5035. Cap With Chain Shall Be Similar To Potter Roemer 4625 Or Croker Corp. Fig. 5713. Threads Shall Be To NYC Fire Department Specifications Cabinet: Suitable For 2-1/2" Fire Department Valve, Recessed, 20 Gauge Steel Door With 16 Gauge Steel Frame, Full Glass. Similar To Crocker 1700FR Series Fire-Rated Valve Cabinet, Rated To 1 Hour Pressure Reducing Valve: 2-1/2" Dia Straight Away Type; Brass Finish With Inner Hydraulic Controls, 400 Psi Inlet Pressure, With Threaded Cap And Chain Of Brass Finish. Pressure-Restricting Devices: NPS 2-1/2" Dia, Brass, Adjustable Similar To Crocker Model 5375	21	0%	21	EA	\$ -	\$ -	\$ -	\$ -
2	2-1/2" Dia FHV, Fire Hose Valve W/Cap and Chain, POTTER ROEMER Or WSA Inc, Angle Type; Brass Finish; 2-1/2 Inch Size, Thread To Match Fire Department Hardware, With Threaded Cap And Chain Of Brass Finish. Valves Shall Be Similar To Potter Roemer Fig. 4065 Or Croker Corp. Fig. 5035. Cap With Chain Shall Be Similar To Potter Roemer 4625 Or Croker Corp. Fig. 5713. Threads Shall Be To NYC Fire Department Specifications Fire Department Lobby Hose Cabinet: Cabinet, With Built-In Storage Shelf For Storing Below Listed Equipment, 20-Gage Steel Body And Baked White Polyester Finish Inside. Exposed Trim And Door Shall Be 18-Gage, With Continuous Steel Hinge (Brass Pin). Cabinet Door Shall Have Duopanel Wire Inserted Clear Glass. Door Shall Be Hinged Right Or Left As Required. The Cabinet Shall Be Kept Locked, Openable By A Fire Department City-Wide Standard Key. Cabinet Shall Be Potter Roemer 1302 Or Croker Corp. Fig. 2190. The Cabinet Shall Be Labeled "For Fire Department Use Only". 1. Class I Standpipe Requires The Installation Of A Storage Cabinet On The Main Entrance Floor. Where One Standpipe Riser Is Installed In The Building, The Cabinet Shall Contain At Least One Fog Nozzle, One 1 1/2" Spanner Wrench, One 2 1/2" Wrench, One 2 1/2" X 1.5" Non-Swivel Reducing Coupling, And 125' Of 1 1/2" Hose. Also Provide One Pressure Restricting Device To Limit Static And Residual Pressures At The Outlet Of The Hose Connection To 100 Psi. For Buildings Over 10 Stories, Provide Another Cabinet At The Tenth Floor (And Every Ten Floors Thereafter). 2. The Equipment Specified For The Lobby Storage Cabinet Shall Be Of One Manufacturer For Each Complete Unit. Pressure Reducing Valve: 2-1/2" Dia Straight Away Type; Brass Finish With Inner Hydraulic Controls, 400 Psi Inlet Pressure, With Threaded Cap And Chain Of Brass Finish. Pressure-Restricting Devices: NPS 2-1/2" Dia, Brass, Adjustable Similar To Crocker Model 5375	2	0%	2	EA	\$ -	\$ -	\$ -	\$ -
PRESSURE GAUGE									
1	P1, Pressure Gauge, TERICE MODEL 600C, Or WEKSLER MODEL REGAL	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -
	P2, Pressure Gauge, TERICE MODEL 600C, Or WEKSLER MODEL REGAL	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -
3	Pressure Gauge, TERICE MODEL 600C, Or WEKSLER MODEL REGAL	4	0%	4	EA	\$ -	\$ -	\$ -	\$ -
FIRE DEPARTMENT HOSE CONNECTION									
1	6"x3"x3" Fire Protection FDC, Fire Department Connection, Fire Department Connections Shall Be Polished Brass With Two Individual Drop Clapper Valves And Cast Iron Plugs Painted Yellow With Brass Chain And With Polished Plate Lettered "COMBINATION STANDPIPE AND SPRINKLER SYSTEMS". Flush Type Shall Be Potter Roemer Fig. 5020G Series (THREADS: N.Y.F.D.) Or Croker Corp. Fig. 6030 Series (3" NYCFD Inlets). Threads Shall Be To NYC Fire Department Specifications.	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -
FIRE PUMP TEST HEADER									
1	2-1/2"x2-1/2"x2-1/2"x6" Fire Pump Test Header	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -
METER									
1	6" Dia Water Meter	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -
ROOF MANIFOLD									
1	3-Way Roof Manifold, POTTER ROEMER Fig. 5890 6" Roof Manifold W/ (3) 2-1/2" Liv (Fig. 4065) Cap W/ Chain (Fig/ 4625)	1	0%	1	EA	\$ -	\$ -	\$ -	\$ -
PIPE FLANGE									
1	2-1/2" Dia Pipe Flanges, Ferrous Piping: Class 150, Forged Steel, Slip-On Flanges, Gaskets: 1/16 Inch Thick Preformed Neoprene Gaskets.	2	0%	2	EA	\$ -	\$ -	\$ -	\$ -
RISER CLAMPS									
1	2" Dia	9	0%	9	EA	\$ -	\$ -	\$ -	\$ -
2	3" Dia	10	0%	10	EA	\$ -	\$ -	\$ -	\$ -
3	4" Dia	10	0%	10	EA	\$ -	\$ -	\$ -	\$ -
4	6" Dia	10	0%	10	EA	\$ -	\$ -	\$ -	\$ -
VICTAULIC PIPE COUPLINGS									
1	1" Dia	60	0%	60	EA	\$ -	\$ -	\$ -	\$ -
2	1-1/4" Dia	36	0%	36	EA	\$ -	\$ -	\$ -	\$ -
3	1-1/2" Dia	65	0%	65	EA	\$ -	\$ -	\$ -	\$ -
4	2-1/2" Dia	38	0%	38	EA	\$ -	\$ -	\$ -	\$ -
5	3" Dia	462	0%	462	EA	\$ -	\$ -	\$ -	\$ -
6	4" Dia	57	0%	57	EA	\$ -	\$ -	\$ -	\$ -
7	6" Dia	140	0%	140	EA	\$ -	\$ -	\$ -	\$ -
8	8" Dia	42	0%	42	EA	\$ -	\$ -	\$ -	\$ -
PIPE SUPPORTS									
1	1" Dia Adjustable Clevis Hanger	445	0%	445	EA	\$ -	\$ -	\$ -	\$ -
2	1-1/4" Dia Adjustable Clevis Hanger	160	0%	160	EA	\$ -	\$ -	\$ -	\$ -
3	1-1/2" Dia Adjustable Clevis Hanger	121	0%	121	EA	\$ -	\$ -	\$ -	\$ -
4	2" Dia Adjustable Clevis Hanger	4	0%	4	EA	\$ -	\$ -	\$ -	\$ -
5	2-1/2" Dia Adjustable Clevis Hanger	22	0%	22	EA	\$ -	\$ -	\$ -	\$ -
6	3" Dia Adjustable Clevis Hanger	95	0%	95	EA	\$ -	\$ -	\$ -	\$ -
7	4" Dia Adjustable Clevis Hanger	4	0%	4	EA	\$ -	\$ -	\$ -	\$ -
8	6" Dia Adjustable Clevis Hanger	21	0%	21	EA	\$ -	\$ -	\$ -	\$ -
9	8" Dia Adjustable Clevis Hanger	18	0%	18	EA	\$ -	\$ -	\$ -	\$ -
10	3/8" Dia Threaded Rod W/ Double Lock Nut (1 foot length)	726	0%	726	LFT	\$ -	\$ -	\$ -	\$ -
11	1/2" Dia Threaded Rod W/ Double Lock Nut (1 foot length)	125	0%	125	LFT	\$ -	\$ -	\$ -	\$ -
12	5/8" Dia Threaded Rod W/ Double Lock Nut (1 foot length)	39	0%	39	LFT	\$ -	\$ -	\$ -	\$ -
ALLOWANCES (PLEASE ADD YOUR NUMBERS)									
1	Mobilization & De-Mobilization	1	0%	1	LS	\$ -	\$ -	\$ -	\$ -
2	Permit and Utility Fees	1	0%	1	LS	\$ -	\$ -	\$ -	\$ -
3	As Built Documents/Submittals	1	0%	1	LS	\$ -	\$ -	\$ -	\$ -
4	Supervision And Coordination	1	0%	1	LS	\$ -	\$ -	\$ -	\$ -
5	Final Clean Up & Housekeeping	1	0%	1	LS	\$ -	\$ -	\$ -	\$ -
6	Temporary Facilities & Controls	1	0%	1	LS	\$ -	\$ -	\$ -	\$ -
7	Scaffolding	1	0%	1	LS	\$ -	\$ -	\$ -	\$ -

8	Lifts/Crane	1	0%	1	LS		\$ -	\$ -		\$ -	\$ -
9	Bond & Insurance	1	0%	1	LS		\$ -	\$ -		\$ -	\$ -
10	Plumbing Piping Leak/Pressure Testing	1	0%	1	LS		\$ -	\$ -		\$ -	\$ -
11	Core Drill & Fire Stopping	1	0%	1	LS		\$ -	\$ -		\$ -	\$ -
										TOTAL MATERIAL COST	\$ -
										TOTAL LABOR COST	\$ -
										TOTAL LABOR HOURS	0
										TOTAL COST	\$ -
										OVERHEADS & PROFIT	25%
										MATERIAL TAX	8.88%
										TOTAL BID	\$ -
SCOPE OF ESTIMATE:											
I	SUPPLY & INSTALLATION										
1	Sprinkler Pipe W/ Fittings										
2	Standpipe Supply Pipe W/ Fittings										
3	Drain Pipe W/ Fittings										
4	Valves W/ Accessories										
5	Fire Sprinkler Fixtures & Accessories										
6	Pipe Supports										
7	Miscellaneous										
8	Allowances										