

Town of Simsbury

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~ Thomas J. Roy, P.E. – Director of Public Works ~

ADDENDUM No. 2

TOWN OF SIMSBURY Invitation to Bid

FOR

Sprinkler System Inspections

The information provided in this Addendum is intended to supplement and clarify the existing information in the Invitation to Bid and is not to replace any part of the specification unless clearly indicated as such.

Below are responses to questions we received to date. Reponses are in bold.

Question: Is the Contractor responsible for fire alarm testing and inspections.
 Response: No. Originally in this Invitation to Bid the Town was requesting the Contractor to test all alarms in the facilities each time an inspection is performed. Upon further discussion with all parties involved the Town will take on this responsibility and alarm testing should not be included in any bid proposal.

 Question: Has a 3 year Full Flood Inspection or 5 year Fire Sprinkler Obstruction Investigation been performed at any of the applicable locations.
 Response: We are not aware if these inspections are up to date at this time, but we will investigate further. If it is found that we need to complete any of these

will investigate further. If it is found that we need to complete any of these required inspections, we will contract for the work with the awarded Contractor.

During the Pre-Bid Conference it was requested that we post an example of our past Inspection Reports. The following pages are scans of an inspection report for the Library, Town Hall and Eno Memorial Hall dated August 22nd, 2017; along with the fire sprinkler plans for the DPW facilities.

	Inspection, Testing, and Mainter	nance of Wet Pipe Sprinkler Systems / All codes are referenced from NFPA 25)
D: Z / Z Z /		<u></u>
Property Name	Sincowy town Ha	Print Name
Property Address	933 Hopgnicolos	Signature
System Covers	entire Aldy	
Alarm Valve	Manufacturer Size Rel., 4.5 H	Model
Inspections (Qu Yes No NVA	arterly) This column only Main drain test <u>/00</u> static <u>70</u> residua	
<u> </u>	13.2.5 To restore system to normal pressure	13.3.3.1 Yes No Kiv Backflow preventor - test
	Results DID NOT differ by more than 10% from prior 13.2.5.3	rtest 13.6.2.1
∲¥es []No []N/A	Water motor gong operate	Yes No N/A Specific gravity or anti-freeze system 5.3.4
Yes No N/A	13.2.6.1 Supervisory switches / alarms operate	Sprinklers (Visible) Yes No TVA No damage or leaks
49es []No []N/A	13.3.3.5 Gauges- normal water pressure maintained	5.2.1.1.1
	13.2.7 Hydraulic data nameplate	5.2.1.1.1 Yes No TKIA Installed in proper orientation
Yes No Gest/A	5.2.6 Pressure reducing valve not leaking/open	5.2.1.1.1 Yes No ZAVA Fluid in glass bulbs
Control Valves	13.5.1.1	<u> </u>
 A second state of the second stat	In the correct position	Yes No MA Spare sprinklers, complete with wrench 5.2.1.4
Yes No NA	13.3.2.2 Sealed, locked, or supervised	Yes No KAA Hangers and seismic bracing not damaged/toose 5.2.3.1
Yes No N/A	13.3.1.3 Accessible	Pipes and fittings (Visible) Yes No AN/A Good condition/no corrosion
Yes∏No ∏N/A	13.3.2.2 Free from damage or leaks	5.2.2.1
a na na	13.3.2.2 Proper signage	5221
Jarm Valves	13:3:1	5.2.2.2
and the second	Free of damage	Five Year Last time performed:
Yes No NA	13.4.1.1 Accessible	13.4.1.2
Yes No N/A	13.4.1.1 Retard chamber/alarm drains not leaking	13.4.2.1 Yes No NA Obstruction inspect no foreign or obstructing material
ire Department Co	13:4.1.1	14.2.1 Yes No ZANA Gauges tested or replaced
	Visible and accessible 13.7.1	13.2.7.2 Routine Maintegance
∱Yes ∏No ∏N/A	Couplings/swivels operate correctly	Yes No N/A Sprinklers tested or replaced per appropriate schedule
	13.7.1 Plugs/caps in place	5.3.1/5.4.1Sprinkler head date/location
Ryes INO IN/A	13.7.1 Ball drip valve is functional	Sprinkler head date/location
Yes No NA	13.7.1 Identification signs are in place 13.7.1	Date on gauges

Comments

	Inspection, Testing,	and Maintenan	ice of Dry Pipe Sprinkler Systems
-	(Test is based on Ow	ner's gauges / All	codes are referenced from NFPA 25)
Date: <u>(12) 1</u>	20_1 Time of Tess	<u> </u>	<u>*/</u> A.M. <u>A</u> P.M
Property Name	Sensbury ban	Heli	Inspector
Property Address	933 Hopenich	<u>~~ 5</u> ~	Signature
System Covers	<u>Attc</u>		
	Manufacturer	Size	Model
DPV Deluge Valve	<u> </u>		<u> </u>
	arterly) This column only		Inspections (Yearly) Entire sheet
Yes∏No ∏N/A	Main drain test /0 o_static	residua	al Yes No WN/A Control valves operated through full range of motion
	13.2.5 よ seconds to restore to		
∦yes ∏No ∏N/A	Results DID NOT differ by more th 13.2.5.2		
Yes No N/A	Water motor gong operate		Yes No AnA No damage or leaks
∃Yes∏No ∏N/A	13.2.6.1 Supervisory switches / alarms ope	erate	Yes No K/A Free of corrosion,foreign material, or paint
≱res⊡No ⊡N/A	13.3.3.5 Gauges- normal water/air pressur	e maintained	5.2.1.1.1
Yes No yd/A	13.2.7 Quick opening device tested		5.2.1.1.1
Yes No N/A	13.4.4.2.4 Priming water - test level		5.2.1.1.2 Yes No VAXA Spare sprinklers, complete with wrench
Yes No AR/A	13.4.4.2.1 Hydraulic data nameplate		5.2.1.4 Yes No X/A Hangers and seismic bracing not damaged/loose
Ø%es∏No ∏N/A	5.2.6 Low points drained		5.2.3.1 Pipes and fittings (Visible)
Control Valves			Yes No KN/A Good condition/no corrosion 5.2.2.1
<u>~</u>	In the correct position 13.3.2.2		Yes No Xi NA No leaks or mechanical damage 5.2.2:1
Yes No N/A	Sealed, locked, or supervised		∐Yes No ∐N/A No external loads 5.2.2.2
Ves No N/A	Accessible 13.3-2.2		Dry pipe valve trip test 13.4.4.2.5.2 Water pressure Air Pressure
∰Yes []No []N/A	Free from damage or leaks 13.3.2.2		Tripping air pressure Trip timeminsec
₽Yes∏No ∏N/A	Proper signage 13.3.1	anti-anti-anti- San Maria (San Araba)	Three year full flood, Water delivery timeminsec
	Free of damage, trim valves in pr	oper position	Date of last full flood 13.4.4.2.2.2
$\mathbf{\tau}$. The second se	13.4.4.1.4 Accessible, intermediate chambe		Five Year Last time performed:
Fire Department C	13.4.4.1.4		13.4.4.1.6 Yes No AN/A Check valve - internal moves freely, in good conditi
	Visible and accessible		13.4.2.1
Yes No N/A	Couplings/swivels operate correc	tiy	14.2.1
	Ho.1.1 Plugs/caps in place 13.7.1	State Proven	132.7.2 Routine Maintenance
	Ball drip valve, FDC clapper is fu	nctional	Yes No N/A Sprinklers tested or replaced per appropriate sched 5.3.1/5.4.1
	13.7 1 Identification signs in place		Source Sprinkler head date/locatio
1	13.7.1		Sprinkler head date/locatio

		ance of Wet Pipe Sprinkler Systems All codes are referenced from NFPA 25)
Dara: 122		
Property Name	- Simsburg Library	Print Name
Property Address	725 Hopenadow ST	- Signature
System Covers	entire BID	
	Manufacturer Size	Model
Alarm Valve	Victalic 4	<u> </u>
> Seconds > Seconds > Yes No N/A > Yes No N/A	13.3.2.2 Sealed, locked, or supervised 13.3.1.3	Yes No N/A Specific gravity or anti-freeze system Sprinklers (Visible) Yes No Sprinklers (Visible) Yes No N/A No demage or leaks Yes No N/A No demage or leaks Yes No N/A Free of corrosion, foreign material or paint Yes No N/A Free of corrosion, foreign material or paint Yes No N/A Installed in proper orientation S2.1.1.1 Yes No N/A Yes No N/A Fluid in glass bulbs S2.1.1.2 Yes No N/A Yes No N/A Spare sprinklers, complete with wrench S2.1.4 Yes No A Yes No A Spare sprinklers, complete with wrench S2.1.4 Yes No A Yes No A Good condition/no corrosion S2.2.1 Yes No Solution/no corrosion S2.2.1 Yes No No leaks or mechanical damage
Alarm Valves	13.3.1	Yes No A No external loads 5.2.2.2 5.2.2.2 Five Year Last time performed: Yes No Alarm valve interior including strainers
	13.4.1.1 Accessible	Yes No NA Check valve - internal moves freely, in good conditional moves freely.
ØYès □No □N/A	13.4.1.1 Retard chamber/alarm drains not leaking	13.4.2.1 Yes No XVA Obstruction inspect -no foreign or obstructing ma
Fire Department Co		Yes No XVA Gauges tested or replaced
	Couplings/swivels operate correctly 13.7.1	Routine Maintenance Yes No N/A Sprinklers tested or replaced per appropriate sch
	13.7.1 Plugs/caps in place 13.7.1	5.3.1/5.4.1 Sprinkler head date/loca
	13.7.1 Ball drip valve is functional 13.7.1	Sprinkler head date/loca
	Identification signs are in place 13.7.1	Date on gauges

ACH A

Inspection, Testing, and Maintenance of Dry Pipe Sprinkler Systems (Test is based on Owner's gauges / All codes are referenced from NFPA 25)

Property Name	SINBUL LIBACKY	Inspector
Property Address	725 Hopemandau	Signature
System Covers	Attic	
	Manufacturer Size	Model
DPV	Victorie T	<u>S76F_</u>
Deluge Valve		Inspections (Yearly) Entire sheet
	arterly) This column only	
Yes No N/A	13.2.5	al Yes No R/A Control valves operated through full range of motion 13.3.3.1
	Results DID NOT differ by more than 10% from prior 13.2.5.2	Sprinklers (Visible)
	Water motor gong operate 13.2.6.1	Yes No XIA No damage or leaks 5.2.1.1.1
¥es∏No ∏N/A	Supervisory switches / alarms operate	Yes No N/A Free of corrosion foreign material, or paint 5.2.1.1.1
Yes No N/A	13.3.3.5 Gauges- normal water/air pressure maintained	Yes No N/A Installed in proper orientation 5.2.1.1.1
No M∕A	13.2.7 Quick opening device tested	Yes No N/A Fluid in glass bulbs
	13.4.4.2.4 Priming water - test level	5.2.1.1.2 Yes No N/A Spare sprinklers, complete with wrench
	13.4.4.2.1 Hydraulic data nameplate	5.2.1.4
φ = = = γes[]No []N/A	5.2.6	/ 5.2.3.1 Pipes and fittings (Visible) 「Yes No メオバA Good condition/no corrosion
Control Valves	In the correct position	5.2.2.1
	13.3.2.2 Sealed, locked, or supervised	5.2,2.1
ia Izores ∏No ∏N/A	13:3.1.3	5.2.2.2 Dry pipe valve trip test 13.4.4.2.5.2
(— —	13.3.2.2	Water pressure Air Pressure
	Free from damage or leaks 13.3.2.2	Tripping:air pressure Trip timeminsec
	Proper signage 13.3.1	Three year full flood, Water delivery timeminsec
Dry pipe valves		Date of last full flood13.4.4.2.2.2
	13.4.4.1.4	Five Year Last time performed:
	A Accessible, intermediate chamber is not leaking 13.4.4.1.4	
Fire Department	Connections A Visible and accessible	Yes No N/A Check valve - internal moves freely, in good condination 13.4.2.1
	13.7:1	Yes No XNA Obstruction inspect -no foreign or obstructing mate 14.2.1
	A Couplings/swivels operate correctly 13.7.1	Yes No KN/A Gauges tested or replaced
	13.7:1	13.2.7.2 Routine Maintenance
Yes No N/	A Ball drip valve, FDC clapper is functional 13.7.1	Yes No N/A Sprinklers tested or replaced per appropriate sche 5.3.1/5.4.1
	A Identification signs in place	Sprinkler head date//ocati
	13.7.1	Sprinkler head date/locat

Comments

		nce of Wet Pipe Sprinkler Systems Il codes are referenced from NFPA 25)
D 1221	20 <u>17</u> Time or Teas <u>8</u> :0	<u>20</u> a.m. <u>2</u> p.m
Property Name	eno men Holl	Print Neme
Property Address	754 Appencadous	Signature
System Covers	_entire Dily	
	Manufacturer Size	Model
Alarm Valve	<u>-1/11 - 7</u>	<u> </u>
مىرى	Arterly) This column only Main drain test / Od_static / Cd_residual 13.2.5 To restore system to normal pressure	Inspections (Yearly) Entire sheet Yes No Ki/A Control valves operated through full range of motion 13.3.3.1 Yes No Ki/A Backflow preventor - test
— — —	Results DID NOT differ by more than 10% from prior to 13.2.5.3	Yes No N/A Specific gravity or anti-freeze system
	Water motor gong operate 13.2.6.1	5.3.4 Sprinklers (Visible)
	Supervisory switches / alarms operate 13.3.3.5	Yes No No damage or leaks 5.2.1.1.1
	Gauges- normal water pressure maintained 13.2.7 Hydroulia data samealata	Yes No N/A Free of corrosion,foreign material or paint 5.2.1.1.1 Yes No V/A Installed in proper orientation
	Hydraulic data nameplate 5.2.6 Pressure reducing valve not leaking/open	5,2,1,1,1
Control Valves	13.5:1.1	5.2.1.1.2 Yes No N/A Spare sprinklers, complete with wrench
	In the correct position 13.3.2.2	5.2.1.4 Yes No N/A Hangers and seismic bracing not damaged/loose
	Sealed, locked; or supervised 13.3.1.3	5.2.3.1 Pipes and fittings (Visible)
Pres No NA	13.3.2.2	Yes No XN/A Good condition/no corrosion 5.2.2.1
Ves No	13.3.2.2	Yes No SN/A No leaks or mechanical damage 5.2.2.1
	Proper signage 13.3.1	Yes No N/A No external loads 5:2:2:2 5:2:2:2 Five Year Last time performed:
Alarm Valves		Five Year Last time performed: Yes No TNA Alarm valve interior including strainers 13:4.1:2
	13.4.1.1 Accessible 13.4.1.1	Yes No N/A Check valve - internal moves freely, in good condition 13.4.2.1
	Retard chamber/alarm drains not leaking 13.4.1.1	Yes No N/A Obstruction inspectno foreign or obstructing material
Fire Department C	Visible and accessible	Yes No ZNVA Gauges tested or replaced 13.2.7.2
	13.7.1 Couplings/swivels operate correctly	Routine Maintenance Yes No N/A Sprinklers tested or replaced per appropriate schedule 52.455.41
	13.7.1 Plugs/caps in place	5/3:1/5/4:1 Sprinkler head date/location
	13.7.1 Ball drip valve is functional 13.7.1	Sprinkler head date/location
	Videntification signs are in place 13.7.1	Date on gauges

	ance of Dry Pipe Sprinkler Systems All codes are referenced from NFPA 25)	
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<u>Alt C</u>	Model	
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erly) This column only	Inspections (Yearly) Entire sheet	
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	Jre Yes No ANA Backflow preventor - test	
esults DID NOT differ by more than 10% from pr 3.2.5.2	ior test 13.6.2.1 Sprinklers (Visible)	
later motor gong operate	Yes No N/A No damage or leaks 5.2.1.1.1	
upervisory switches / alarms operate	Yes No N/A Free of corrosion foreign material, or paint	
auges- normal water/air pressure maintained	Yes No V/A Installed in proper orientation	
uick opening device tested	Yes No PN/A Fluid in glass bulbs	
riming water - test level	Yes No YN/A Spare sprinklers, complete with wrench	
ydraulic data nameplate	Yes No WN/A Hangers and seismic bracing not damaged/loos	se
2.6 ow points drained	Pipes and fittings (Visible)	
the correct assiston	5.2.2.1	
3.3.2.2	5.2.2.1	
3.3.1.3	5.2.2.2	
3,3.2.2	Water pressure Air Pressure	
3.3:2.2	Tripping air pressure Trip timemin	_sec
roper signage 3.3.1	Three year full flood. Water delivery timemins	sec
ree of damage, trim valves in proper position	Date of last full flood 13.4.4.2.2.2	
3.4.4.1.4	Five Year Last time performed:	
3.4.4.1.4 nections	13,4,4,1,6	ondit
lisible and accessible	13.4.2.1	
Couplings/swivels operate correctly	14.2.1	
Plugs/caps in place	T. 13.2.7.2	
all drip valve, FDC clapper is functional	Yes No N/A Sprinklers tested or replaced per appropriate s	che
dentification signs in place	3.3.1/3.4.1 Sprinkler head date//o	catio
3.7.1	Sprinkler head date/lo	icatio
	ain drain test <u>100</u> static <u>F0</u> resi 32.5 seconds to restore to normal pressu esults DID NOT differ by more than 10% from pr 32.5.2 ater motor gong operate 32.6.1 upervisory switches / alarms operate 33.3.5 auges- normal water/air pressure maintained 32.7 uick opening device tested 34.4.2.4 ming water - test level 34.4.2.1 ydraulic data nameplate 2.6 bw points drained whe correct position 33.2.2 ealed, locked, or supervised 33.1.3 ccessible 33.2.2 ree from damage or leaks 33.2.2 roper signage 33.1 rae of damage, trim valves in proper position 34.4.1.4 ccessible, intermediate chamber is not leaking 34.4.1.4 metions lisible and accessible 37.1 ouplings/swivels operate correctly 37.1 lugs/caps in place 37.1 lentification signs in place	With the generative sector of the sector of the sector



