



Fire Suppression Services Incorporated
3802 South 2300 East, Salt Lake City, UT 84109.
Ph (801) 277-6464 Fax (801) 278-2199 Toll Free (800)

To: Big D Construction**Bid Proposal**

For: Division 21 Wet Fire Suppression Systems (sprinklers)

Bid Number: 2

Date: 2018-08-27

Expires: 2018-09-11 15 days

Project: **National Ability Center, 1000 Ability Way, Park City, Utah 84098**Recreation Centre: **\$47,825.00** Recreation Center Building (Wet)Equestrian Centre: **\$35,725.00** Equestrian Center Building (Wet, & Convert to DRY)

Pricing by: Heath Dangerfield (801) 277-6464

for **Fire Suppression Services Incorporated**

This Proposal supersedes, cancels and withdraws submissions prior to 2018-08-27

References:

NFPA 10: Standard for Portable Fire Extinguishers. (Where applicable)

NFPA 13: Installation of Sprinkler Systems.

NFPA 72: National Fire Alarm Code (Where applicable)

NFPA 101: Life Safety Code

NFPA 170: Standard for Fire Safety and Emergency Symbols.

Incorporated into this document are other NFPA Codes as referenced and where applicable.

Ref: http://www.nfpa.org/aboutthecodes/list_of_codes_and_standards.asp

EN 12845: Fixed firefighting systems, Automatic sprinkler systems, Design, installation and maintenance.

International Fire & Building Code/s and Life Safety Code **if** installed according to Code..

We use the above codes as a reference ONLY. All and every facets of each of the above may not apply to this proposed pricing document.

Summary

This proposal is to install/modify an automatic fire suppressing wet sprinkler system for the National Ability Center Recreation Building AND the Equestrian Centre, in accordance with the above referenced standards where applicable, and in accordance with approved Drawings, Calculations and Permits, and all addenda as released as of 2018-Jun-11

Inclusions: Recreation Centre

1. The use of our Licensed Designer, (PE or NICET) to calculate and design the complete wet system as per standards referenced above. (Design)
2. The submission of said design for approval to AHJ, (Submittals) and
3. Obtain Permits from the local Authority Having Jurisdiction over the Project to begin work. (Permit)
4. Install complete fire sprinkler system as per mutually approved plans.
 - Starting from the flange **inside** the building.
 - One Backflow Preventer (BFP)
 - One (1) Siamese Fire Department Connection (FDC)(Code)
 - Inspector Test Drains & Main Drain as needed.
 - Flow & Tamper switches as needed.
 - One Head Box & Head Wrench
 - Spare heads as needed. (**Attic Stock**)



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- One Alarm Bell, or Horn strobe for you to fit above FDC/Riser Door (HV)
- 5. Proofing:
 - Inspecting the System,
 - Test the System which includes
 - i. Pressure and Flush testing all above ground pipe work, and
 - ii. Backflow inspection & Tagging
- 6. Final approval testing with appointed Fire Marshal
- 7. Training @ 1 hour for maintenance manager;
 - extra time, repeat, or video recording is an extra fee
- 8. Manufacturers manuals where applicable (Only requirement is NFPA-25)
- 9. Limited Liability Warranty on completion.

Inclusions: Equestrian Centre

1. The use of our Licensed Designer, (PE or NICET) to calculate and design the complete wet and dry system as per standards referenced above. (Design)
2. The submission of said design for approval to AHJ, (Submittals) and
3. Obtain Permits from the local Authority Having Jurisdiction over the Project to begin work. (Permit)
4. Install complete fire sprinkler system as per mutually approved plans, with the existing anti-freeze system to be converted into a dry pipe system.
 - Starting from the flange **inside** the building.
 - One Backflow Preventer (BFP)
 - One (1) Siamese Fire Department Connection (FDC)(Code)
 - One (1) Victaulic S/768 dry pipe valve.
 - i. With Accelerator & Trimmer
 - One (1) twenty gallon 1 ½ hp air compressor.
 - Inspector Test Drains, Drum Drips & Main Drain as needed.
 - Flow & Tamper switches as needed.
 - One Head Box & Head Wrench
 - Spare heads as needed. (**Attic Stock**)
 - One 120 VAC Alarm Bell, or Horn strobe for you to fit above FDC/Riser Door (HV)
5. Proofing:
 - Inspecting the System,
 - Test the System which includes
 - i. Pressure and Flush testing all above ground pipe work, and
 - ii. Backflow inspection & Tagging
6. Final approval testing with appointed Fire Marshal
7. Training @ 1 hour for maintenance manager;
 - extra time, repeat, or video recording is an extra fee
8. Manufacturers manuals where applicable (Only requirement is NFPA-25)
9. Limited Liability Warranty on completion.

Exclusions

1. All repairs to existing pipe-work. Replacement of existing pipe work will incur extra charges.



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- If in the course of the conversion, leaks are found in the existing pipe work or valves, extra charges will apply to make repairs.
- 2. Fire Alarm Control Panel and components. (A separate Proposal is NOT attached).
- 3. Dry Stand Pipe Systems. (Unless specifically incorporated/noted as part of this Proposal)
- 4. ALL underground excavation and underground piping installation, and the flange. (A separate Proposal is NOT attached).
 - Extra charges will apply if we consult on this and our underground bid is not accepted
 - Extra charges will apply if we consult on Standpipe systems.
- 5. Bacteria and Flush Test (MUST Be Done By Underground Div-31/33 with AHJ before Riser is stacked on the flange)
- 6. Chlorination
- 7. Fire & Jockey pumps and Water Storage tanks.
- 8. Pre-action or deluge fire protection systems
- 9. Chemical agent suppression systems
- 10. Hose Racks & In-Rack Sprinklers (unless specified above)
- 11. Power supply and wiring work pertaining to the Suppression System for:
 - Fire/Jockey pumps
 - Valves & pipe-work for fire pumps.
 - Alarm and trip devices.
- 12. Electrical work to connect alarms, strobes, bells, flow & tamper devices back to building panels.
- 13. Painting of pipe-work or associated fittings. (You may paint Standpipes, risers, branches & mains etc. do not paint heads)
- 14. All work associated with sheetrock is excluded. (We may have to cut holes, other divisions need to have repair in their Scope)

Additional Charges

See Terms & Conditions below regarding Bonds.

If system fails to pass fire marshal inspection due to negligence from other trades, a re-inspection fee of \$565.00 will be charged per-retest.

Field technicians will clean work site and the end of each day. If technicians are needed by contractor to clean additional area's then an additional hourly rate of \$65.00 per hour per technician will be charged for such services.

Training: Extra time, repeat, or video recording is an extra fee

Notes to Owner/Architect

If all inside areas of building are heated to 55° F, then dry pipe system will not be needed.

It is Owner's responsibility to supply wiring and connectivity back to building alarm panels and electrical breakers. Put it in Division 26 Electrical or Division 28 Electronic Safety and Security scope of work.

Fire Suppression Services Inc. Sprinkler Technicians do not do HV or LV wiring back to building breaker or alarm panels. Owner to supply LV wiring back to alarm panels for Flow & Tamper switches and HV for alarm bell.

Owner/Underground Div. to supply to the Fire Suppression PM, the "Contractor Materials & Test Certificate" certifying that all Flush, Pressure & Bacteria testing of mains has been completed & witnessed by AHJ, before the riser can be installed.

Pricing to install Alarms, chemical agent, pre-action or deluge fire suppression systems in data rooms can be provided upon request.



Bid Proposal

FS-Bid

Division-21

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Addenda

BOND (ADDITIONAL CHARGE)

If requested, **Fire Suppression Services Inc.** shall furnish Bonds in the form requested by you, the 'Owner', covering the faithful performance of the Agreement, and the payment of all obligations arising there under. These may be in the form of 100% Performance, 100% Labor and Material Payment, and Lien Bonds.

The FULL cost of providing such Bond/s for you, the Owner and/or his Agent/Contractor shall be paid by you, the Owner/Agent/Contractor or whosoever may require **Fire Suppression Services Inc.** to furnish said Bond/s, and is an additional cost/amount, and IS NOT included in this bid.

Any and all payments required by **Fire Suppression Services Inc.** for the above shall be shown on any Breakout Sheet (e.g.: AIA-G703) as a SEPARATE item list and shall NOT be subject to any "retainage".

This Subcontractor shall be reimbursed, without any retainage, for the cost of any required performance or payment bonds simultaneously with the FIRST progress payment.

CHANGES, CCO & PCO

All fire sprinkler nozzles and/or pipe-work AND All Hood Systems and their Suppression devices

AND: All Chemical Suppression Systems AND Portable Extinguishers AND: All Alarm Systems, will be installed as per approved Plans; Any change or deviations from said Plans will not be done without approved Change Order/s with attendant cost adjustments.

CONTRACT

Seller objects to modifications and additions to any of the terms of this document, irrespective of the wording of the Purchasers acceptance, or other Purchaser Forms, Documents or hand written annotations on this Document.

FREIGHT

All goods that attract freight are FOB Origin FC.

LABOR

Labor is calculated at a regular day rate and will be performed during business hours. (08:00-16:30) or (07:00-15:30)

MOBILIZATION-DEMObILIZATION-REMOBILIZATION

If Fire Suppression Services Inc. or its subcontractors have to suspend work, for any reason, and have to demobilize before completion, then we are entitled to recover our demobilization costs from you; and, if **Fire Suppression Services Inc.** and/or its subcontractors have to remobilize we are entitled to recover the remobilization costs from you.

PERMIT, DESIGNS and SUBMITTALS

Any and all payments required by **Fire Suppression Service Inc.** for Permit, Designs & Submittals shall be shown on any Breakout Sheet (e.g.: AIA-G703) as a SEPARATE item list and shall NOT be subject to any "retainage". Progress payment applications will be made by G702/703 or by Invoice only.

Prices & Taxes

If Seller is required to pay any taxes or other fees relating to the services to be performed or to the production, sale or transportation of goods, Purchaser will reimburse the Seller for any such taxes or fees. Portable Fire Extinguishers attract Utah Sales Tax.

You agree to pay all outstanding Statement amounts, and all interest, attorney's fees and collection costs.

Right of Way

Fire Suppression Services requires first right of way; this means that Fire Suppression Sprinkler Technician/Fitters "must be First & High".

Tamper

Tampering or Adjusting or Working on Fire Suppression installed and tagged Systems by anyone other than Fire Suppressions Authorized personnel or Certified /Authorized / Licensed Fire Protection Service Personnel not only jeopardizes the safe and correct operation of the equipment; it voids the tags on said System, voids all **FSS** Warrantees, and it is highly likely it will affect your Insurance.

Unless your maintenance department personnel are so authorized, it is advisable to leave the System equipment maintenance and servicing to Certified Personnel.

Asbestos Notice:

FIRE SUPPRESSION SERVICES Inc. IS NEITHER FORMALLY LICENSED IN THE REMOVAL OF, NOR THE ANALYSIS OF ASBESTOS. OUR COMPANY WILL THEREFORE NOT NORMALLY DEAL WITH ALL ASBESTOS RELATED INCIDENTS IN A PRACTICAL SENSE ON BEHALF OF OUR CLIENTS. WHEN THE PRESENCE OF ASBESTOS IS SUSPECTED WE WILL STOP WORK AND APPOINT COMPETENT AND ACCREDITED SUB CONTRACTORS ON A SITE-SPECIFIC BASIS TO CARRY OUT ANY REMOVALS OR TEST