



CONSULATE GENERAL OF THE
UNITED STATES OF AMERICA

Istanbul – Turkey

February 24, 2016

To whom it may concern:

Enclosed are the Solicitation Package and Statement of Work for proposed contract to obtain services to remove existing **Victaulic Model 756 Dry Pipe Valve (Groove X Groove) and compressor** and to install a complete **new Viking Model F-2 Dry Pipe valve with “Riser Mount” compressor**.

If requested American Consulate representatives will meet with the interested parties to review the Statement of Work and to answer questions regarding the Solicitation on March 14, 2016 at 10am. at Kaplicalar Mevkii – Uc Sehitler sok. No: 2 Istinye, Sariyer. Any additional questions can be sent to Ozayassx@state.gov by mail latest March 16, by 3pm.

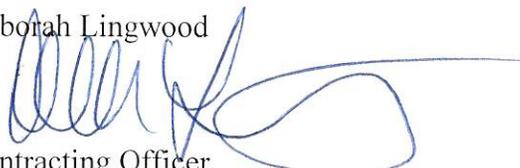
The American Consulate will respond in writing to all questions received during the meeting or submitted by the mail no later than March 18, 2016 by 3pm.

Bids will be due no later than March 24, 2016 - 2pm. and should be delivered to the Consulate in a sealed envelope. No bid will be accepted after this required delivery date and time.

Please call Ms. Sibel Ozayas at telephone 0212-335 9332 by March 10, 2016 to provide name of the person(s) and their identification numbers who will attend the meeting from your company as we require this information for entrance to the building.

Thank you for your interest.

Deborah Lingwood


Contracting Officer

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS <i>OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30</i>				1. REQUISITION NUMBER PR4951545		Page 1 of 2		
2. CONTRACT NO.		3. AWARD/EFFECTIVE DATE		4. ORDER NUMBER		5. SOLICITATION NUMBER STU46016Q1003		
7. FOR SOLICITATION INFORMATION CALL		a. NAME Sibel Ozayas				b. TELEPHONE NUMBER		
8. OFFER DUE DATE/ LOCAL TIME /		9. ISSUED BY AMERICAN CONSULATE GENERAL ISTANBUL ISTINY E MAHALLESİ, KA PLICALAR MEVKII NO.2, ATTN: GSO/PROCUREMENT ISTINY E ISTANBUL TURKEY CODE TU460						
10. THIS ACQUISITION IS _ UNRESTRICTED _ SET ASIDE: % FOR _ SMALL BUSINESS _ HUBZONE SMALL BUSINESS SMALL BUSINESS _ SERVICE-DISABLED VETERAN OWNED		11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED _ SEE SCHEDULE						
12. DISCOUNT TERMS		13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) <input type="checkbox"/>						
13b. RATING		14. METHOD OF SOLICITATION x REQ IEB RFP						
15. DELIVER TO: AMERICAN CONSULATE GENERAL ISTANBUL ISTINY E MAHALLESİ, KA PLICALAR MEVKII NO.2, ATTN: GSO		16. ADMINISTERED BY AMERICAN CONSULATE GENERAL ISTANBUL ISTINY E MAHALLESİ, KA PLICALAR MEVKII NO.2, ATTN: GSO/PROCUREMENT 34460 TURKEY						
17a. CONTRACTOR/OFFEROR CODE NOVENDOR N/A		CODE 0		FACILITY CODE		18a. PAYMENT WILL BE MADE BY AMERICAN CONSULATE GENERAL ISTANBUL ISTINY E MAHALLESİ, KA PLICALAR MEVKII NO.2, ATTN: FMC ISTINY E ISTANBUL 34460 TURKEY		
17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER <input type="checkbox"/>		18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED _ SEE ADDENDUM						
19. ITEM NO.		20. SCHEDULE OF SUPPLIES/SERVICES			21. QUANTITY		22. UNIT	
		SEE LINE ITEMS						
		<small>(Use Reverse and/or Attach Additional Sheets as Necessary)</small>						
							23. UNIT PRICE	
							24. AMOUNT	
25. ACCOUNTING AND APPROPRIATION DATA						26. TOTAL AWARD AMOUNT (For Govt. Use Only) \$0.00 USD		
_ 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA _ ARE _ ARE NOT ATTACHED.								
_ 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA _ ARE _ ARE NOT ATTACHED.								
_ 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.				_ 29. AWARD OF CONTRACT: REF. OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:				
30a. SIGNATURE OF OFFEROR/CONTRACTOR				31a. UNITED STATES OF AMERICA. (SIGNATURE OF CONTRACTING OFFICER)				
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)		30c. DATE SIGNED		31b. NAME OF CONTRACTING OFFICER (Type or Print)		31c. DATE SIGNED		

11. SCHEDULE

(Include applicable Federal, State and local taxes)

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
1	Replacement of NOB dry pipe fire protection system according to NFPA standards and per scope/documents attached. Funding Information: Total: \$0.00 ----- \$0.00	1.00	SV	\$0.00	\$0.00

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1.0 INTRODUCTION

- 1.1 The United States Department of State (DOS) requires services to prevent fire risk at the U.S. Consulate in Istanbul, Turkey.
- 1.2 The U.S. Consulate in Istanbul, Turkey has a requirement to obtain services to remove existing **Victaulic Model 756 Dry Pipe Valve (Groove X Groove) and compressor** and to install a complete **new Viking Model F-2 Dry Pipe valve with "Riser Mount" compressor**.
- 1.3 An itemized cost break down is required. Post will submit to OM/FIR for final review.
- 1.4 This is to include pricing to install new components that shall be furnished/purchased by the installing contractor.
- 1.5 It will require removal and replacement of all components as specified in SOW.
- 1.6 The Consulate is located at Istinye, Sariyer - Istanbul, Turkey and is provided with automatic fire suppression protection located throughout the breezeway/corridor. The building sprinkler systems are designed to Ordinary Hazard Group 1. Wet Sprinklers located in the other tenants areas/rooms are not part of this Scope.
- 1.7 The Contractor shall remove the existing components and install new components or as stated in the scope of work. All work shall be performed according to the following code, NFPA 13 standards.
- 1.8 Due to being an existing system, all new components shall be provided by installing contractor so the listing of unit and warranties can be applied.

NFPA 13, *Installation of Sprinkler Systems 2007 Edition*.

2.0 OBJECTIVES

- 2.1 The purpose of this scope of work is to define the requirements for the replacement of existing Dry Pipe Valve components and install all new, test and commission.
- 2.2 Full monitoring of fire sprinkler functions at fire detection/alarm panel shall be restored upon completion of work, final inspection, acceptance and completion of installation of new dry pipe valve. This has to be done together with the assigned

Consulate personnel (Contracting Officer's Representative) and/or with Post control officer.

3.0 GOVERNMENT ACTIONS AND CONTRACTOR ACTIONS

3.1 No materials, tools, apertures, or any items are to be furnished by neither US Government nor Post. All ladders, power tools, hand tools, groovers, scaffolding, power threading machine, chain falls, hoist, and man lifts that will be required to successfully remove the existing and install the new shall be provided by the contractor.

3.2 Post to furnish storage and work/staging area as needed. All components are to be stored in a climate controlled building or secured as Post FM dictates.

3.3 All non related items stored in the work area/rooms will be removed by Post prior to the Contractor beginning work.

3.4 Post is also to furnish escort to general contractor once cleared and approved by RSO if applies.

3.6 OBO/OPS/FIR (or other DOS official) will make any necessary changes to new connections to the fire alarm control panel. **If contractor can rewire devices then it is to be stated in pricing. The contractor then shall be required to make all final adjustments.**

3.7 The Post Control Officer (PCO) and COR will be the contractor's contact at the US Consulate, Istanbul, Turkey. The Post Control Officer and or the COR will assist and direct the contractor when scheduling work, and be liaison with Post personnel during the course of the Project. All questions concerning coordination of installation activities while at post shall be directed to the Post Control Officer and or COR. Local items or materials will be allowed, pertaining to piping and fittings as long as they meet the specifications.
POC is the Facility Manager
COR is the Facility Supervisor

4.0 REQUIREMENTS/QUALIFICATIONS OF CONTRACTOR:

4.1 The contractor shall be responsible in getting all equipment and materials staged throughout project.

4.2 The contractor is required to get items sent secured where required.

4.3 The Contractor shall have a contractor's license for piping installation, design, fabrication and testing of automatic fire suppression systems. All work to be done by a "Qualified Individual" or "Individuals" or Factory representative. No mechanical or plumbing license will be accepted. Contractor shall have one of the following:

- a) Class A License Fire Suppression/Fire Sprinkler 5 – Years' Experience
- b) Class B License Fire Suppression/Fire Sprinkler 3 – Years' Experience
- c) Class C Certificate Fire Suppression/Fire Sprinkler 2 – Years' Experience
- d) Local certification not being US certified.
- e) Local license

One requirement listed below must be met:

- a) Bonded, Insured and licensed
- b) Contractor to have Nicet 3 Certified Personnel. (Oversight).
- c) Contractor to be certified in Bazemaster CPVC by Grinnell/Tyco or CPVC manufacture (if Applies).
- d) Factory Representative
- e) In Country or Continent Certified Installer
- f) Manufacture certified installer.

Copy of license, Nicet certification number and all certificates shall be submitted and keep on file @ OBO/OPS/FIR (if applies).

4.4 To assist in developing an understanding of the scope of work, the Contractor shall review Post supplied design/photos information for the fire suppression system installation of the existing installation or allow site survey.

4.5 The Contractor shall coordinate all work through Post's Engineer/FM or PCO.

4.6 All reference NFPA 13 codes and OPS/FIR requirements shall be used as the project s specifications.

4.7 The Contractor shall provide all hand tools during removal and the replacement.

4.8 Coordinate all work with Post's COR and POC.

4.9 Contractor shall cover and protect all electrical components, equipment, desk and furniture and cover all floors throughout replacement. (if applies) All walls shall be protected. Ceilings tiles are to be protected if removed and then reinstalled in a neat professional manner. (When applies)

4.10 Post is to perform all operations pertaining to the FACP. NFPA 13 test papers are to completed and sign by all parties involved and by the installing contractor.

4.11 The contractor is to provide a cost break down to replace items to Post

4.12 Cost is to include demo, installation of new, testing, and set up and to provide one (1) day training to local staff at end of the project.

5.0 DEMO / INSTALLATION

- a) Remove complete Victaulic 756 Dry Pipe Valve.
- b) Remove all related dry pipe valve trim piping.
- c) Remove Accelerator and trim.
- d) Remove priming line and plug off at mechanical tee clamp on main feed piping.
- e) Existing butterfly valve is to remain and be reused. Close during new install.
- f) Remove all air compressors piping from the existing dry pipe valve to the tank and all airline piping and fittings.
- g) Remove "low/high" pressure switch".

- h) Remove compressor switch.
- i) Remove "alarm switch".
Remove piping from existing drip cup to drain or current location. New size will be dictated by manufacture.
- j) Remove all drain piping that connects to the main drain line and cap until new installed.
- k) Remove all non - listed airline support clamps.
- l) Air Compressor to be removed 100 percent and not to be reused.
- m) Remove all compressor apertures.
- n) Remove existing "Rubber" type expansion joint and install proper expansion joint Victaulic style 150. (Attachment 1)
- o) Remove all 1"x1/2" bushing and install correct 1"x1/2" 90 degree elbows. Install correct 1" x shoulder nipples. (Attachment 2)
- p) Inspect and replace the existing fittings on the dry pipe line that don't meet NFPA 13 standards.
- q) If existing victualic couplings are to be reinstalled, the rubber gaskets in the couplings must be greased with Victualic lubricant.
- r) Replace the existing brass upright sprinkler heads with the new 165 brass upright x 1/2" – Quick response sprinkler heads.
- s) Provide one additional head wrench and 6 spare heads with a new cabinet to be mounted by new dry pipe valve.
- t) Install 165 each "RED" head guards.

5.1 Installation of new

- a) Install complete Viking F-2 Dry Pipe valve with galvanized pre trim. – No substitutions are permitted
- b) Recut and groove and install new riser filler piece depending on take out of existing and take out dimensions of new. Recut existing riser is needed or install new.
- c) All new Victaulic couplings are to be new.
- d) Install new plug in existing priming line with correct size plug located on feed piping.
- e) Install signage on all valves for new dry valve.
- f) Install a new complete riser mount compressor to include flexible stainless steel braided connection to be able to dampen vibration.
- g) New compressor to be 1 (HP) horse power - riser mounted. To match current electrical conditions:

Hz :50
Phase :Mono phase
Volts : 220 V

Compressor requirements: General or Equivalent
OL Series Riser Units Standard Features Include:

- 1) UL 2125 Listed
- 2) Universal Riser Mounting Kit
- 3) UL Listed Pressure Switch
- 4) Bubble Tight Air Check Valve
- 5) Air intake Filters
- 6) Oil Less Piston Compressor
- 7) 1 HP
- 8) Relief valve
- 9) Fully Automatic
- 10) Thermal Overload Protection
- 11) ½” Outlet Connections
- 12) Permanently Lubricated Bearings

- h) Furnish one additional set bar, to have hole drilled into one end and hung off new dry pipe assembly.

5.2 Switches

- a) Install new “Alarm” switch as show in “**Attachment A**” - **Note 1**
¾ Plug to be installed for future Water Motor Gong as shown per manufacture trim sheet. Alarm switch to go into ½” outlet – also see Note 2 on data sheet.

- b) Compressor switch to be remove from compressor and installed in place of ½” plug as show in “Attachment B” so it can monitor system pressure and not compressor line nor compressor.
- c) New Low air switch to be installed in place of 1” plug as shown on “Attachment C”
 - All power wiring to done by installing contractor.
 - FACP wiring to be done by Post or OBO/FIR fire technician. **If contractor can wire devices, price separately to include adjusting and setting up and testing when completed.**

5.3 Drain piping

- a) New 2” drain for Viking F-2 to be tied into existing 2” connection.
- b) New drain cup shall be piped to size per manufacture cut sheet and tied into the 2” common drain also. It shall incorporate a rubber faced @175 psi, swing check valve to prevent back fill into drain cup when other system through common drain. Is shall be install in the run of piping to drain cup and NOT in a rise position. Piping to be run in schedule 40 black steel.
- c) Install proper floor support brackets for old and new 2” drain piping.

5.4 Compressor piping

- a) Starting from existing compressor increase piping to ¾”. If piping is slopped or trapped install a low point condensation drain with ball valve and plug. Drain for any condensation if line is trapped.
- b) Install a ¾ braider flex connection to dampen any vibration for compressor. Length to be from 6” to 12” in length.
- c) If current header and valve set up is not in a climate controlled room or exposed to outside conditions install a ¾” dehydrator to incorporate 2- ¾” service ball valves for maintenance use.
- f) All piping to be ¾” schedule 40 galvanized. No black steel, nor copper to be installed. All new piping threaded connections shall be installed with Teflon paste. No Teflon tape.
- g) All fittings to be galvanized to include increaser or reducers.
- h) Provide proper floor support on all piping if applies.
- i) Install signage all valves to state what they serve.
- j) If dehydrator is not required installed then ¾” ball valve a check valve to be installed requires.
- k) No Accelerator, Quick Opening Device, nor Exhauster is to be installed.

6.0 SITE WORK

6.1 Delivery, Storage and Removal of Existing

- a) The Contractor shall protect US Government property from damage once delivered to the Embassy for installation. If outside storage is unavoidable due to Post's constraints set on inside storage, all equipment/materials shall be covered and secured and protected at all times
- b) All materials are to be sent secured or as FM/PCO request.
- c) The contractor shall arrange for materials to be staged on the work area during normal working hours.
- d) The contractor shall arrange for the removal of the existing components from the building structure. Placement of the components per Post direction. All other existing piping and equipment in the work area shall be protected from damage.
- e) The Contractor shall not request that Post fund any activity associated with removing and installation of the existing. The Contractor is permitted to inquire whether Post has equipment that can be used for removal and installation. The contractor may only use Post's equipment if they obtain written permission from Post PCO... Any damage to Post's equipment caused by the Contractor will be the Contractor's responsibility to repair or pay for repairs prior to project completion.
- f) The contractor shall remove all electric and reinstall.
- g) Removal of all items noted in 5.0 and new installed.

7.0 PROPOSAL REQUEST / EVALUATION CRETERIA

7.1 The contractor shall, within fourteen (14) calendar days of the receipt of a Proposal Request, submit to Post and OBO/FIR, a proposal for the project. The cost shall be Firm Fixed Price. Cost proposal shall include amounts for the following:

- a) A firm fixed price proposal to include a) all contractor costs such as materials, labor, transportation and b) all other costs such as overhead and profit that together will result in a total firm fixed price that satisfies the task order intent shown in section 2.0.
- b) Project schedule that shows planning activities, construction work breakdown, management oversight activities and associated cost for executing each action.
- c) Construction (shop) drawings (if applies).
- d) Bill of materials (showing line items, item costs, quantities, and associated labor hour quantity and cost).

- e) Maintenance and warranty information.
- f) All components shall be purchased by Contractor. No modifications to piping will be required on wet systems.
- g) If additional work is required a price shall be submitted to Post for review.
- h) Copy of the documents listed 4.2 with the offer.
- i) A list of the names, addresses and telephone numbers of the owners, partners, and principal officers of the Offeror;

The name and address of the Offeror's field superintendent for this project;

A list of the names, addresses, and telephone numbers of subcontractors and principal materials suppliers to be used on the project, indicating what portions of the work will be performed by them; and,
- j) Work Schedule indicating various portions of the work; when work will commence and be completed in each section.

8.0 FINAL APPROVAL & ACCEPTANCE

- 8.1 Final approval and acceptance of project will be based on FM/PCO inspection, to include successful testing of sprinkler system (where applicable). A contractor representative shall be at the job site at the time of inspection and acceptance. In accordance with the intent of this SOW, the contractor shall make ready for acceptance tests per NFPA 13.

Once accepted, the contractor shall furnish the FM at Post, one year written warranty on materials furnished and provide one year written warranty on labor. Once accepted contractor to provide training to local staff on proper setting with lock bar and proper maintenance and set up of new Dry Pipe Valve.

- Verify compressor is under no strain and works properly with cut-in and cut-out settings.
- Final trip test will be required with fire pump on line. Requirements or NFPA 13 will not have to be met. We want to verify it works as designed.
- Hydro test not required.
- 24 hours air test required.

- All switches/devices are to be tested and witnessed.
- Fill out all NFPA documents.
- To be witnessed by Post FM and sign off on upon completion, testing training and put into service.

9. INSURANCE

The Contractor is required by FAR 52.228-5, "Insurance - Work on a Government Installation" to provide any and all insurance which is legally necessary. The Contractor shall at its own expense provide and maintain general liability insurance during the entire period of performance. This liability insurance should include, but is not limited to coverage of premises/operations, collapse hazard, products, completed operations, contractual, independent contractors, broad form property damage, and personal injury.

The Contractor shall obtain any other types of insurance required by local law or that are ordinarily or customarily obtained in the location of the work. The limit of such insurance shall be as provided by law or sufficient to meet normal and customary claims.

The Contractor agrees that the United States Government shall not be responsible for personal injuries or for damages to any property of the Contractor, its officers, agents, servants, and employees, or any other person, arising from an incident to the Contractor's performance of this contract. The Contractor shall hold harmless and indemnify the United States Government from any and all claims arising there from, except in the instance of gross negligence on the part of the United States Government.

The Contractor shall obtain adequate insurance for damage to, or theft of, materials and equipment in insurance coverage for loose transit to the site or in storage on or off the site.

THE GENERAL LIABILITY POLICY REQUIRED OF THE CONTRACTOR SHALL NAME **"THE UNITED STATES OF AMERICA, ACTING BY AND THROUGH THE U.S. DEPARTMENT OF STATE"**, AS AN ADDITIONAL INSURED WITH RESPECT TO OPERATIONS PERFORMED UNDER THIS CONTRACT.

10. LAWS AND REGULATIONS

In addition to what is explained on page 5 of the Statement of work "permits and Licenses", the Contractor shall, without additional expense to the United States Government, be responsible for complying with all laws, codes, ordinances, and regulations applicable to the performance of the work, including those of the host country, and with the lawful orders of any governmental authority having jurisdiction.

Host country authorities may not enter the construction site without the permission of the Contracting Officer. Unless otherwise directed by the Contracting Officer, the

Contractor shall comply with the more stringent of the requirements of such laws, regulations and orders and of the contract. In the event of a conflict between the contract and such laws, regulations and orders, the Contractor shall promptly advise the Contracting Officer of the conflict and of the Contractor's proposed course of action for resolution by the Contracting Officer.

The Contractor shall comply with all local labor laws, regulations, customs and practices pertaining to labor, safety, and similar matters, to the extent that such compliance is not inconsistent with the requirements of this contract.

The Contractor shall give written assurance to the Contracting Officer that all subcontractors and others performing work on or for the project have obtained all requisite licenses and permits.

The Contractor shall submit proper documentation and evidence satisfactory to the Contracting Officer of compliance with this clause.

11.PAYMENTS

Offers can be given either in USD or TL. Payment will be made based on the currency mentioned on the submitted (TL/USD) offer via Electronic Fund Transfer (EFT) within one month of invoice submission.

As a Diplomatic Mission, the Consulate is exempt from VAT therefore all invoices submitted for payment should be without VAT (KDV). The U.S. Government will provide a copy of the KDV exemption card.

The contractor must fill in the information requested below for EFT:

Bank Name: _____
Branch Name: _____
Bank Account number: _____
Iban#: _____
Swift Code#: _____

After invoice is approved by the COR, EFT payments may take a maximum of 30 days until the money is transferred to the Contractor's bank account. In USD payments, there may be approximately 40 USD fee on each payment, which can be charged either by the sending bank or the receiving bank.

Payment process can start for material once the COR approves that all materials purchased and delivered to the site.

Payment process for installation will be started once half of the job is completed and the COR approves the work.

Payment for the remaining portion will be made after final acceptance of the work.

12. SITE VISITS

- a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters if they see it necessary they are urged and expected to inspect the site where the work will be performed.
- b) If requested to visit the site at Kaplicalar Mevkii-- Uc Sehitler sok. No:2 Istinye - Sariyer, Istanbul on March 14, 2016 at 10 am.

13. LATE QUOTATIONS

Late quotations shall be handled in accordance with FAR F. 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates the following provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at:

<http://www.arnet.gov/far/> or, <http://farsite.hill.af.mil/search.htm>

These addresses are subject to change. If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use of an Internet "search engine" (such as, Yahoo, Infoseek, Alta Vista, etc.) is suggested to obtain the latest location of the most current FAR.

<http://www.statebuy.state.gov>

14. CLAUSES

FEDERAL ACQUISITION REGULATION (48 CFR CH. 1)

- 52.209-6 Protecting the Government's Interest When
Subcontracting with Contractors Debarred,
Suspended, or Proposed for Debarment (JAN 2005)
- 52.213-4 Terms and Conditions-Simplified Acquisitions
(Other than Commercial Items) (MAR 2005)
- 52.222-1 Notice to the Government of Labor Disputes
(FEB 1997)

52.222-19 Child Labor – Cooperation with Authorities and Remedies (JAN 2004)
52.225-10 Notice of Buy American Act/Balance of Payments Program— Construction Materials (FEB 2000)
52.225-13 Restrictions on Certain Foreign Purchases (MAR 2005)
52.225-14 Inconsistency Between English Version and Translation of Contract (AUG 1989)
52.228-4 Workers' Compensation and War-Hazard Insurance Overseas (APR 1984)
52.228-5 Insurance - Work on a Government Installation (JAN 1997)
52.228-11 Pledges of Assets (FEB 1990)
52.228-13 Alternative Payment Protection (JUL 2000)
Note to Contracting Officer: fill in blank]
52.229-6 Taxes - Foreign Fixed-Price Contracts (JUN 2003)
52.232-5 Payments under Fixed-Price Construction Contracts (SEP 2002)
52.232-8 Discounts for Prompt Payment (FEB 2002)
52.232-11 Extras (APR 1984)
52.232-18 Availability of Funds (APR 1984)
52.232-24 Prohibition of Assignment of Claims (JAN 1986)
52.232-27 Prompt Payment for Construction Contracts (OCT 2003)
52.232-34 Payment by Electronic Funds Transfer Other than Central Contractor Registration MAY 1999)
52.233-1 Disputes (JUL 2002) Alternate I (DEC 1991)
52.233-3 Protest after Award (AUG 1996)
52.236-2 Differing Site Conditions (APR 1984)
52.236-3 Site Investigation and Conditions Affecting the Work (APR 1984)
52.236-5 Material and Workmanship (APR 1984)
52.236-6 Superintendence by the Contractor (APR 1984)
52.236-7 Permits and Responsibilities (NOV 1991)
52.236-8 Other Contracts (APR 1984)
52.236-9 Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements (APR 1984)
52.236-10 Operations and Storage Areas (APR 1984)
52.236-11 Use and Possession Prior to Completion (APR 1984)
52.236-12 Cleaning Up (APR 1984)
52.236-14 Availability and Use of Utility Services (APR 1984)
52.236-15 Schedules for Construction Contracts (APR 1984)
52.236-21 Specifications and Drawings for Construction (FEB 1997)

52.236-26 Preconstruction Conference (FEB 1995)
52.242-14 Suspension Of Work (APR 1984)
52.243-4 Changes (AUG 1987)
52.243-5 Changes and Changed Conditions (APR 1984)
52.244-6 Subcontracts for Commercial Items (MAR 2005)
52.245-4 Government-Furnished Property (Short Form) (JUN 2003)
52.246-12 Inspection of Construction (AUG 1996)
52.246-21 Warranty of Construction (APR 1984)
52.249-2 Termination for Convenience of the Government (Fixed-Price)(MAY 2004) Alternate I (APR 1984)
52.249-10 Default (Fixed-Price Construction) (APR 1984)

The following clauses are set forth in full text:

DEPARTMENT OF STATE ACQUISITION REGULATION (DOSAR) CLAUSES

652.242-73 AUTHORIZATION AND PERFORMANCE (AUG 1999)

(a) The contractor warrants the following:

- (1) That it has obtained authorization to operate and do business in the country or countries in which this contract will be performed;
- (2) That it has obtained all necessary licenses and permits required to perform this contract; and,
- (3) That it shall comply fully with all laws, decrees, labor standards, and regulations of said country or countries during the performance of this contract.

(b) If the party actually performing the work will be a subcontractor or joint venture partner, then such subcontractor or joint venture partner agrees to the requirements of paragraph (a) of this clause.

652.228-70 INDEMNIFICATION (JULY 1988)

The Contractor expressly agrees to indemnify and to save the Government, its officers, agents, servants, and employees harmless from and against any claim, loss, damages, injury, and liability, however caused, resulting from or arising out of the Contractor's fault or negligence in connection with the performance of work under this contract. Further, any negligence or alleged negligence of the Government, its officers, agents, servants, or employees, shall not bar a claim for indemnification unless the act or omission of the Government, its officers, agents, servants, or employees is the sole competent, and producing cause of such claim, loss, damages, injury, or liability.

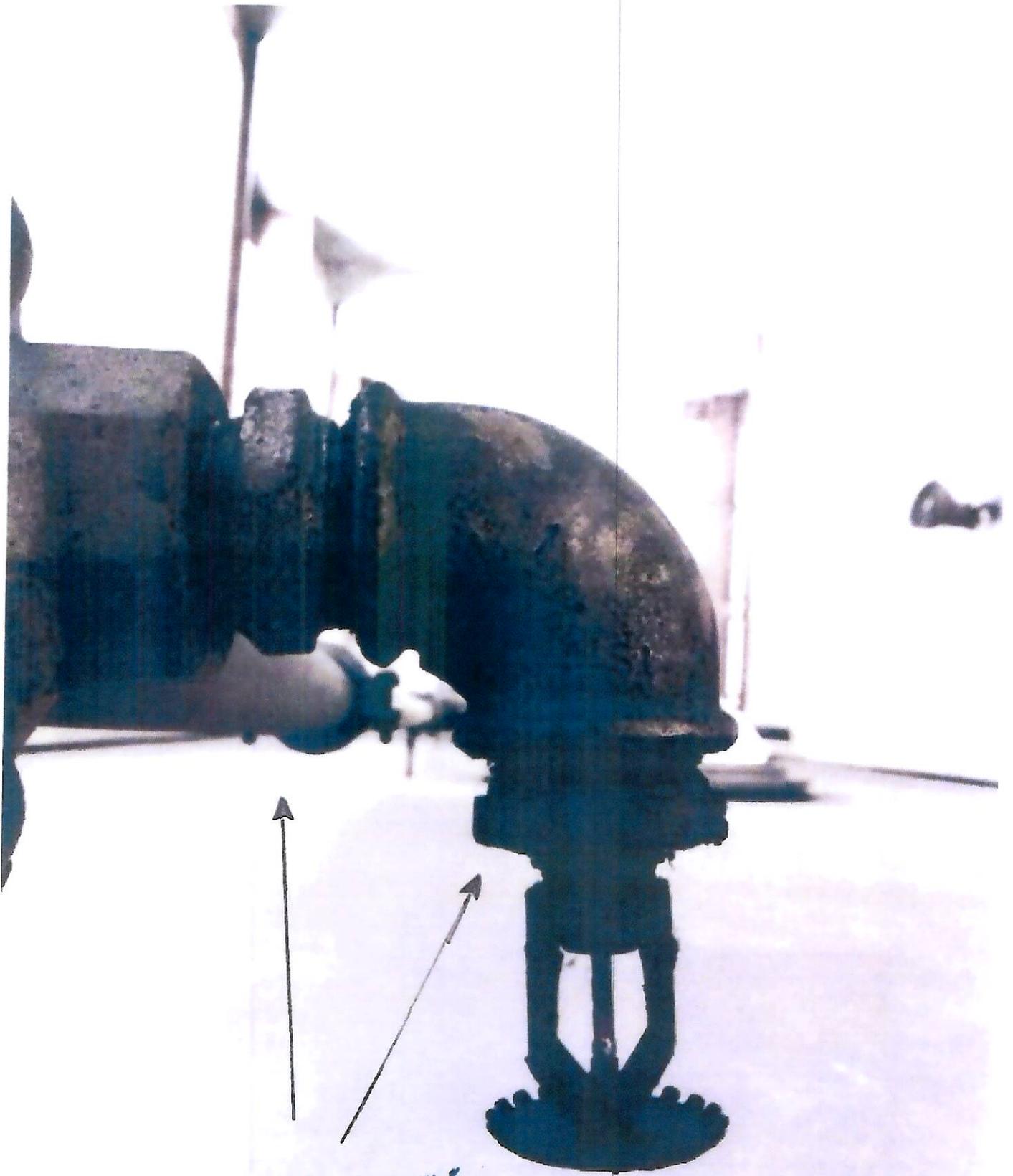
652.243-70 NOTICES (AUG 1999)

Any notice or request relating to this contract given by either party to the other shall be in writing. Said notice or request shall be mailed or delivered by hand to the other party at the address provided in the schedule of the contract. All modifications to the contract must be made in writing by the contracting officer.



"ATTACHMENT 1"





ATTACHMENT 11

VIKING TECHNICAL DATA **MODEL F-1- F2 DRY VALVE CONVENTIONAL TRIM**

Manufactured 1993 - Present

General Notes:

Valve must be trimmed as shown. Any deviation from trim size or arrangement may affect the proper operation of the valve.
 All pipe, 3/4" (20mm) and smaller, shall be galvanized steel except when other materials are specified in the Technical Data for the system used.
 When the Model F-1 Dry Valve is used on pre-mixed Foam Systems, trim piping must be of black steel pipe with cast iron or malleable iron fittings unless other materials are specified in the Technical Data for the system used.

Dimensions in parenthesis are millimeter and may be approximations.

Items denoted with † are removed when the optional Model E Accelerator Trim is installed.

Note 1: Connection for electric Alarm Pressure Switch to activate electric alarm panels. Note: After the Dry Valve trips, supply to this location cannot be shut off until the water supply to the Dry Valve is shut off. Foam Systems: When a PORV is used to activate a Halar® Coated Deluge Valve, connect the 1/2" (15mm) NPT water supply for PORV at this location. (See Viking Foam Systems Engineering and Design Data book.)

Note 2: Water flow alarm connections: 3/4" (20mm) NPT for Water Motor Alarm (strainer required) and 1/2" (15mm) NPT for electric Alarm Pressure Switch to activate electric alarm bells.

Note 3: Recommended location for Air Supervisory Switch.

Note 4: 1" (25mm) NPT connection for sprinkler.

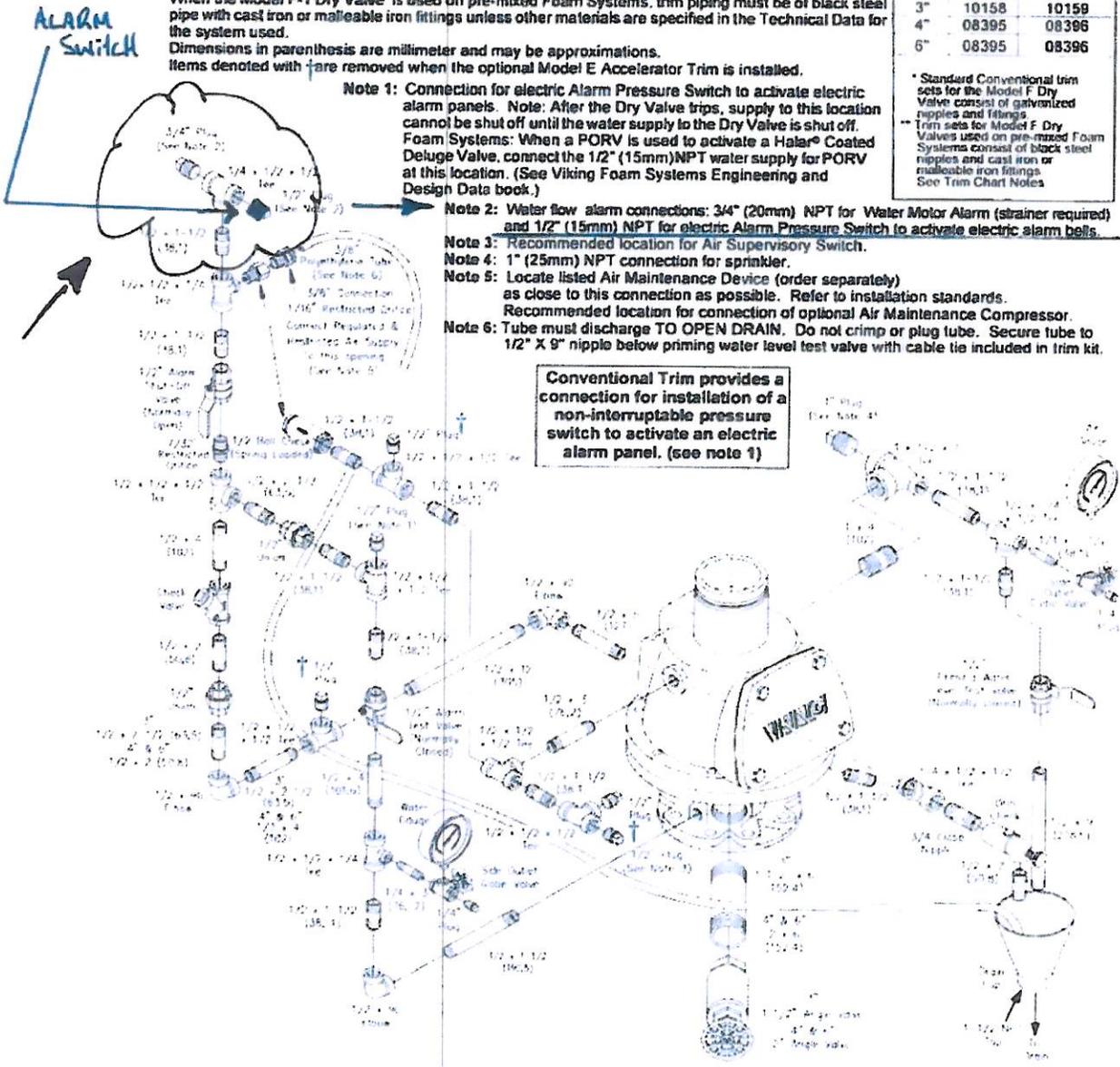
Note 5: Locate listed Air Maintenance Device (order separately) as close to this connection as possible. Refer to installation standards. Recommended location for connection of optional Air Maintenance Compressor.

Note 6: Tube must discharge TO OPEN DRAIN. Do not crimp or plug tube. Secure tube to 1/2" X 9" nipple below priming water level test valve with cable tie included in trim kit.

This Trim Chart is for use with the following Viking Trim Sets

Size Valve	Standard* Trim P/N	Foam System** Trim P/N
3"	10158	10159
4"	08395	08396
6"	08395	08396

* Standard Conventional trim sets for the Model F Dry Valve consist of galvanized nipples and fittings
 ** Trim sets for Model F Dry Valves used on pre-mixed Foam Systems consist of black steel nipples and cast iron or malleable iron fittings. See Trim Chart Notes





TECHNICAL DATA

MODEL F-1 - F2 DRY VALVE CONVENTIONAL TRIM

Manufactured 1993 - Present

General Notes:

Valve must be trimmed as shown. Any deviation from trim size or arrangement may affect the proper operation of the valve. All pipe, 3/4" (20mm) and smaller, shall be galvanized steel except when other materials are specified in the Technical Data for the system used. When the Model F-1 Dry Valve is used on pre-mixed Foam Systems, trim piping must be of black steel pipe with cast iron or malleable iron fittings unless other materials are specified in the Technical Data for the system used.

Dimensions in parenthesis are millimeter and may be approximations. Items denoted with * are removed when the optional Model E Accelerator Trim is installed.

Note 1: Connection for electric Alarm Pressure Switch to activate electric alarm panels. Note: After the Dry Valve trips, supply to this location cannot be shut off until the water supply to the Dry Valve is shut off. Foam Systems: When a PORV is used to activate a Halar® Coated Deluge Valve, connect the 1/2" (15mm) NPT water supply for PORV at this location. (See Viking Foam Systems Engineering and Design Data book.)

Note 2: Water flow alarm connections: 3/4" (20mm) NPT for Water Motor Alarm (strainer required) and 1/2" (15mm) NPT for electric Alarm Pressure Switch to activate electric alarm bells.

Note 3: Recommended location for Air Supervisory Switch. Note 4: 1" (25mm) NPT connection for sprinkler.

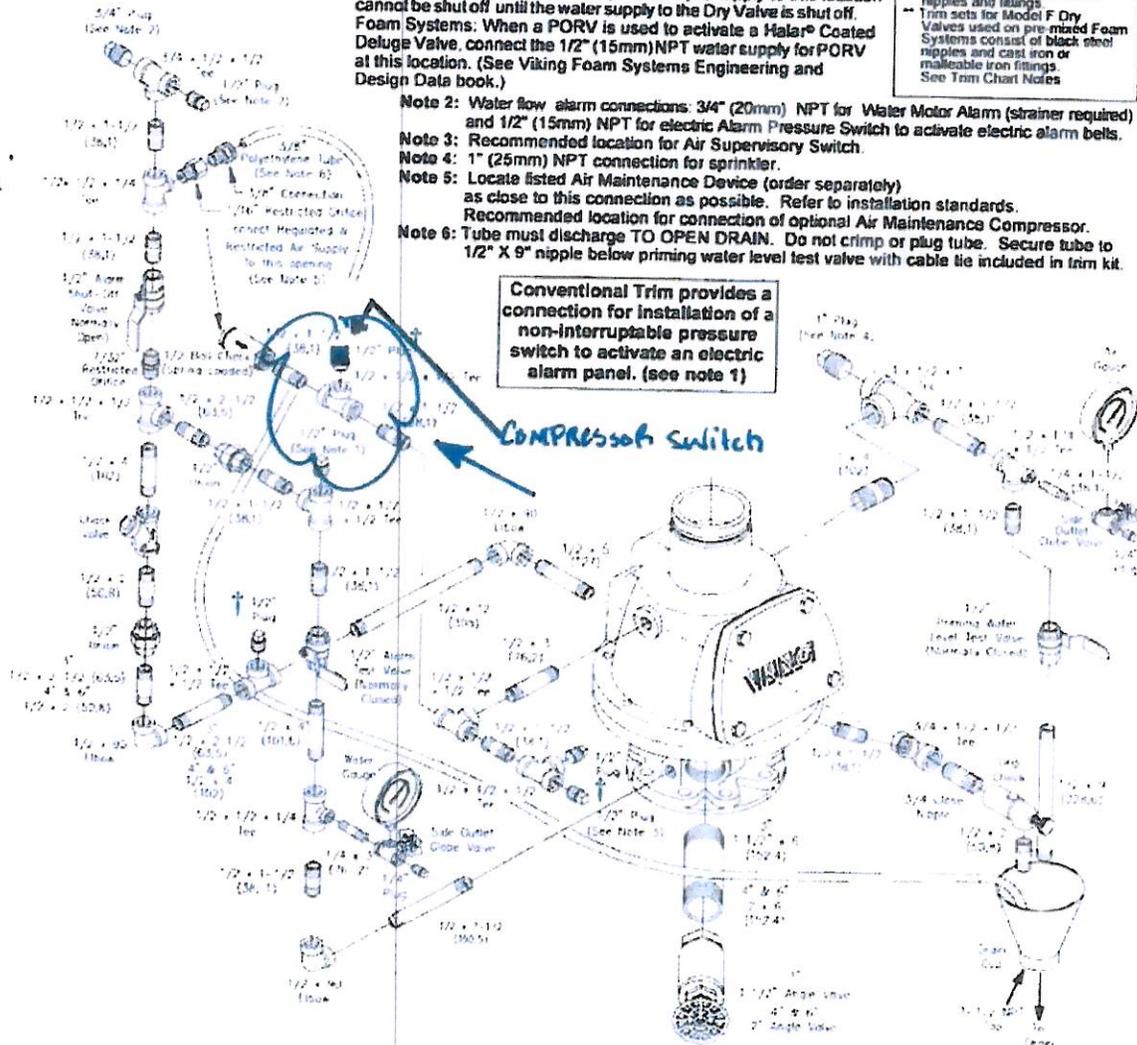
Note 5: Locate listed Air Maintenance Device (order separately) as close to this connection as possible. Refer to installation standards.

Note 6: Tube must discharge TO OPEN DRAIN. Do not crimp or plug tube. Secure tube to 1/2" X 9" nipple below priming water level test valve with cable tie included in trim kit.

This Trim Chart is for use with the following Viking Trim Sets

Size Valve	Standard* Trim P/N	Foam System** Trim P/N
3"	10158	10159
4"	08395	08396
6"	08395	08396

* Standard Conventional trim sets for the Model F Dry Valve consist of galvanized nipples and fittings
 ** Trim sets for Model F Dry Valves used on pre-mixed Foam Systems consist of black steel nipples and cast iron or malleable iron fittings. See Trim Chart Notes



Conventional Trim provides a connection for installation of a non-interruptible pressure switch to activate an electric alarm panel. (see note 1)

VIKING[®] TECHNICAL DATA

MODEL F-1 DRY VALVE CONVENTIONAL TRIM

Manufactured 1993 - Present

General Notes:

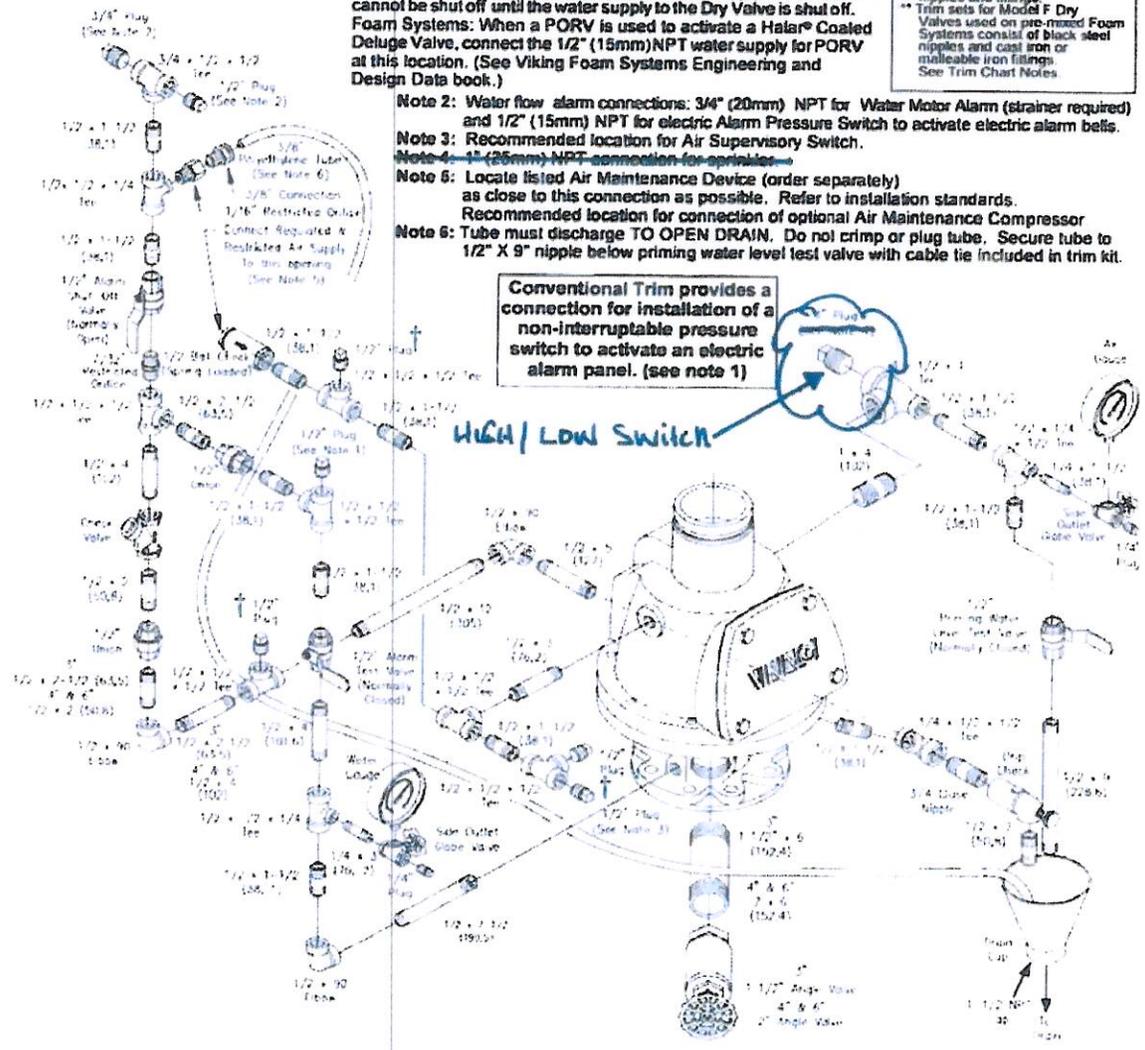
Valve must be trimmed as shown. Any deviation from trim size or arrangement may affect the proper operation of the valve.
 All pipe, 3/4" (20mm) and smaller, shall be galvanized steel except when other materials are specified in the Technical Data for the system used.
 When the Model F-1 Dry Valve is used on pre-mixed Foam Systems, trim piping must be of black steel pipe with cast iron or malleable iron fittings unless other materials are specified in the Technical Data for the system used.
 Dimensions in parenthesis are millimeter and may be approximations.
 Items denoted with † are removed when the optional Model E Accelerator Trim is installed.

This Trim Chart is for use with the following Viking Trim Sets

Size Valve	Standard [†] Trim P/N	Foam System ^{**} Trim P/N
3"	10158	10159
4"	08395	08396
6"	08395	08396

[†] Standard Conventional trim sets for the Model F Dry Valve consist of galvanized nipples and fittings.
^{**} Trim sets for Model F Dry Valves used on pre-mixed Foam Systems consist of black steel nipples and cast iron or malleable iron fittings. See Trim Chart Notes.

Note 1: Connection for electric Alarm Pressure Switch to activate electric alarm panels. Note: After the Dry Valve trips, supply to this location cannot be shut off until the water supply to the Dry Valve is shut off.
Note 2: Water flow alarm connections: 3/4" (20mm) NPT for Water Motor Alarm (strainer required) and 1/2" (15mm) NPT for electric Alarm Pressure Switch to activate electric alarm bells.
Note 3: Recommended location for Air Supervisory Switch.
Note 4: 1/2" (25mm) NPT connection for sprinklers.
Note 5: Locate listed Air Maintenance Device (order separately) as close to this connection as possible. Refer to installation standards. Recommended location for connection of optional Air Maintenance Compressor Tube must discharge TO OPEN DRAIN. Do not crimp or plug tube. Secure tube to 1/2" X 9" nipple below priming water level test valve with cable tie included in trim kit.



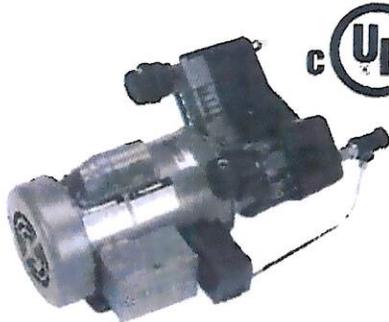
ATTACHMENT "D"



AIR PRODUCTS

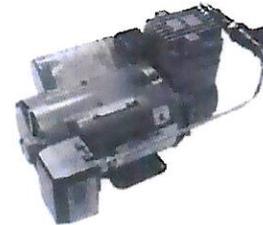
*The Leading Manufacturer of Air Compressors
for the Fire Protection Industry*

OL Series OILLESS RISER MOUNTED COMPRESSORS
for Dry Pipe Sprinkler Systems



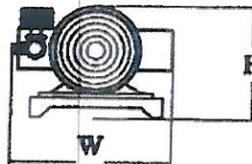
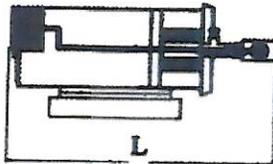
- Fully Automatic
- Direct Drive
- Air Intake Filter(s)
- Oil Less Piston Compressor
- UL Listed Pressure Switch
- Bubble Tight Air Check Valve
- Permanently Lubricated Bearings

- 1/2" Outlet Connections
- Thermal Overload Protection
- Riser Mounting Kit Included with "AC" Models
- Fills System to 40 PSI in 30 Minutes (NFPA 13)



60 Cycle Units - 50 Cycle Available, Consult Factory

System Capacity (gallons)**	Model Number	Average CFM*	Motor H.P.	Min. Wire Size ++	Dimensions			Weight (lbs.)
					L	W	H	
110	OL11016AC	1.33	1/6	12	14	9	9	31
215	OL21533AC	2.61	1/3	10	16	9	10	37
335	OL33550AC	4.06	1/2	8	16	11	9	49
425	OL42575AC	5.27	3/4	8	20	14	10	54
610	OL610V100AC	7.40	1	8	20	14	10	55
900	OL900V150AC	10.91	1 1/2	6	26	17	14	78
1200‡	OL1200V200AC	14.55	2	10	26	17	14	78



* Average CFM is the average free air delivery from 0 to 40 PSIG.

++ Based on 100 foot run. Consult Factory for longer or shorter runs.

** Based on 70 degree F system temp. For other conditions consult factory for pump up times.

‡ - 230 volt only, all other units 115/230 volt. 3 Phase Units available - Consult Factory.

Magnetic Line Starters - Thermal Overload Protection

		Single Phase		Size	Model
		115V	230V		
Maximum HP	1/3 HP	1 HP	1 HP	00	MG00A*
	1 HP	2 HP	2 HP	0	MGX0A*
	2 HP	3 HP	3 HP	1	MG01A*
	3 HP	5 HP	5 HP	1P	MG15A*

When Ordering a Magnetic Line Starter you must specify HP, Voltage and Phase that is supplied to the motor.



Air Maintenance Device

Part # AMD-1

The AMD-1 is used when compressed air is supplied through an existing factory air supply or when using tank mounted units.

Call 1-800-345-8207

Fax: 610-524-8965

E-Mail: genairpro@generalairproducts.com

www.GENERALAIRPRODUCTS.com

Attachment "E"

RISER MOUNT OIL-LESS COMPRESSORS WITH RISER TANK KIT INSTALLATION INSTRUCTIONS



ALL PIPING AND WIRING TO BE IN ACCORDANCE WITH APPLICABLE STATE, LOCAL AND NATIONAL CODES & SHOULD BE APPROVED BY AHJ

CONNECT TO REQUIRED SYSTEM TRIM

MULTIPLE CHECK VALVES IN FEED LINES CAN RESULT IN LOWER SYSTEM PRESSURES DUE TO PRESSURE DROPS

IF SYSTEM IS FEEDING FREEZER ROOM OR AREA EXPOSED TO TEMPERATURES BELOW FREEZING (SEE DRY AIR PAC INFORMATION...)

ACCELERATOR "Not Required" TANK MOUNTED UNITS ARE RECOMMENDED FOR USE WITH ACCELERATORS

200 F MAX. PIN AND -1 AIR MAINTENANCE DEVICE

"Required" 1/2" MINIMUM, LARGER IF REQUIRED BY CODE. FLEX HOSE PIN P120AMP

"Not Required" SAFETY RELIEF VALVE

WARNING! DO NOT INSTALL IN AREAS EXPOSED TO TEMPERATURES BELOW 40 DEGREES F OR AREAS EXPOSED TO WEATHER. CONSULT FACTORY FOR WEATHERPROOF OPTIONS.

MANUAL DRAIN RECOMMENDED AS MINIMUM. AUTOMATIC DRAIN (PIN FD-1) RECOMMENDED ON DRIP LEG TO REMOVE EXCESS WATER.

COPPER TUBING OR RUBBER HOSE NOT RECOMMENDED DUE TO HIGH TEMPERATURES AND HIGH PRESSURE DROPS WHEN USED.

RISER TANK KIT TANK, STRAIN, RELIEF VALVE AND GAGE INCLUDED PINS OLE-7K RECOMMENDED WHEN ASID INSTALLED

TANK GAUGE 3.75 gal.

Plug outlet when Moved

Move Switch as shown on Attachment B

MAGNETIC STARTER REQUIRED FOR ALL 3 PHASE UNITS STARTER IS RECOMMENDED FOR ALL SINGLE PHASE COMPRESSORS. CONSULT NEC AND LOCAL CODES FOR SPECIFIC REQUIREMENTS. MOST MOTORS ARE MULTIPLE VOLTAGE. CHECK NAMEPLATE FOR CORRECT INTERNAL CONNECTIONS FOR VOLTAGE BEING SUPPLIED TO UNIT. RISER MOUNTING KIT INCLUDED IN COMPRESSOR PACKAGE. PRESSURE SWITCH SETTING IS 27# CUT IN AND CUT OUT. FOR HIGHER PRESSURES CONSULT FACTORY.

PART NUMBERS LISTED ARE FOR ACCESSORY ITEMS RECOMMENDED FOR COMPLETE INSTALLATION. CONSULT YOUR LOCAL DISTRIBUTOR FOR AVAILABILITY

OIL-LESS COMPRESSOR WITH RISER TANK. INSTR. DWG. 05/23/06

1-pc and 2-pc

Sprinkler Head Guards



Description

Both the 1-pc and 2-pc head guards are designed to provide protection against low level impacts to the sprinkler head. The 1-pc design features a dual hook attaching system to allow for installation on most 1/2" and 3/4" IPS sprinkler heads. The 1-pc also can be provided with a water shield for in-rack sprinkler systems. The 2-pc designed features a cage and clamping base plate. This design can provide additional protection for sprinklers that may experience greater opportunity for repeated abuse. Both types of head guards are available in either red or chrome finish. **Caution: Head guards will not protect sprinkler heads from severe abuse or impact.**

Installation

1-pc Head Guard installation can be accomplished without tools and can be installed in the pendent* or upright position. Disengage both hooks on either side of the guard. Spread the cage open just enough to clear the sprinkler frame and deflector being careful not to damage the sprinkler. Engage the open end of the cage at the base of the sprinkler between the frame and the threads. Reengage both hooks on either side

of the sprinkler. **2-pc Head Guard** installation requires the use of a common screw driver. Place the base plate around the top thread of the sprinkler head closest to the frame. Close the base plate around the thread. At the same time, hold the cage to the base plate until the base plate engages the cage with its four tangs. Adjust the set screw until base plate is firmly attached to the sprinkler.

Specifications

Type:
Formed wire cage

Sizes:
1-pc
1/2" or 3/4" IPS
2-pc
1/2" IPS

Material:
.12" steel wire

Finishes:
Red enamel
Chrome

* The 1-pc head guard with shield will not function properly when installed in the pendent position. For this application use a 1-pc head guard without the shield and a water shield that will thread onto the sprinkler base according the sprinkler head manufacturers specifications.





TECHNICAL DATA

MODEL F-1 DRY VALVE CONVENTIONAL TRIM

Manufactured 1993 - Present

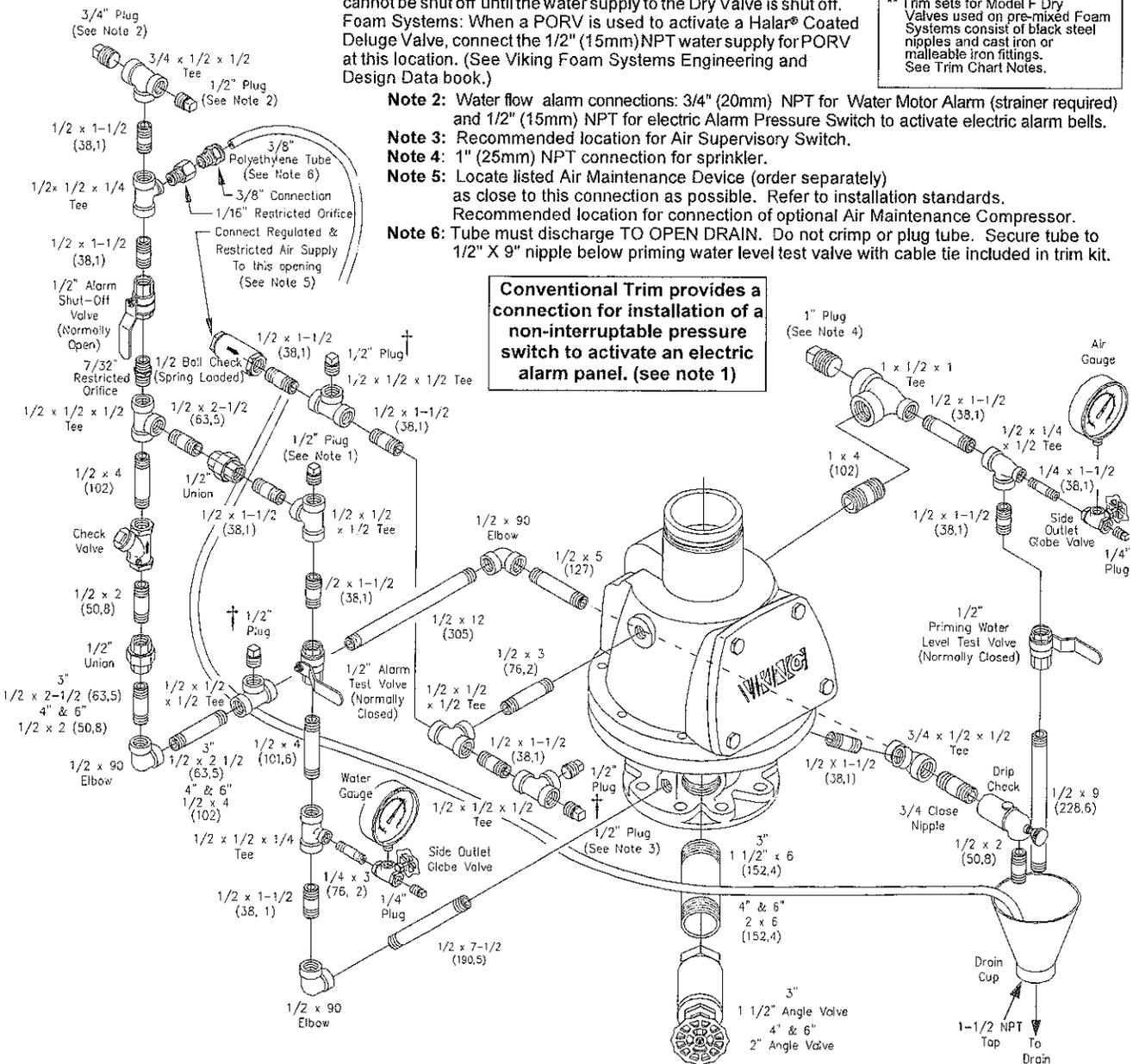
General Notes:

Valve must be trimmed as shown. Any deviation from trim size or arrangement may affect the proper operation of the valve.
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 Dimensions in parenthesis are millimeter and may be approximations.
 Items denoted with † are removed when the optional Model E Accelerator Trim is installed.

Note 1: Connection for electric Alarm Pressure Switch to activate electric alarm panels. Note: After the Dry Valve trips, supply to this location cannot be shut off until the water supply to the Dry Valve is shut off.
Note 2: Water flow alarm connections: 3/4" (20mm) NPT for Water Motor Alarm (strainer required) and 1/2" (15mm) NPT for electric Alarm Pressure Switch to activate electric alarm bells.
Note 3: Recommended location for Air Supervisory Switch.
Note 4: 1" (25mm) NPT connection for sprinkler.
Note 5: Locate listed Air Maintenance Device (order separately) as close to this connection as possible. Refer to installation standards. Recommended location for connection of optional Air Maintenance Compressor.
Note 6: Tube must discharge TO OPEN DRAIN. Do not crimp or plug tube. Secure tube to 1/2" X 9" nipple below priming water level test valve with cable tie included in trim kit.

This Trim Chart is for use with the following Viking Trim Sets		
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Conventional Trim provides a connection for installation of a non-interruptible pressure switch to activate an electric alarm panel. (see note 1)