Bid Notice Abstract

Request for Quotation (RFQ)

Reference Number	12041129
Procuring Entity	VALENZUELA MEDICAL CENTER
Title	CORRECTIVE MAINTENANCE AND CONDUCTING PNEUMATIC AND HYDROSTATIC TESTING OF AUTOMATIC FIRE SUPPRESSION SYSTEM OF VMC-IDS BUILDING
Area of Delivery	Metro Manila

Solicitation Number:	VMC-2025-159
Trade Agreement:	Implementing Rules and Regulations
Procurement Mode:	Negotiated Procurement - Small Value Procurement (Sec. 53.9)
Classification:	Goods
Category:	General Repair and Maintenance Services
Approved Budget for the Contract:	PHP 543,333.33
Delivery Period:	7 Day/s
Client Agency:	
Contact Person:	Diana C. Pulido BAC Secretariat / Procurement Padrigal St., Karuhatan, Valenzuela City Metro Manila Philippines 63-2-82944625 vmc_bac@yahoo.com

Status	**Pending**
Associated Components	1
Bid Supplements	0
Document Request List	0
Date Published	17/05/2025
Last Updated / Time	16/05/2025 10:38 AM
Closing Date / Time	21/05/2025 10:00 AM

Description

Corrective Maintenance and Conducting Pneumatic and Hydrostatic Testing of Automatic Fire Suppression System of Valenzuela Medical Center IDS BUILDING
Scope of Works:
1. Complete supply of labor, tools and equipment for the corrective maintenance of Automatic Fire Suppression System.
2. Dismantling of existing rubber gasket from OSY Gate Valve 4" @ (3rd Floor)
3. Installation of new rubber gasket for OSY Gate Valve 4" @ (3rd Floor)
4. Dismantling of existing branch line at pump room, location (Ground Floor)
5. Installation of new branch line (B.I Pipe) with black iron threaded plug cap at pump room @ (Ground Floor)
6. Installation of black iron threaded plug for auxiliary drain @ (3rd Floor)
7. Pneumatic and Hydrostatic testing should be conducted after the rectification.
8. After the rectification the winning contractor shall conduct Testing and Commissioning
A.) Precautions:
Pneumatic testing involves the hazard of released energy stored in compressed gas in the event of a breach of containment.
-Care must be taken to minimize the chance of brittle fracture during the pneumatic leak test.
-Test temperature is important in this regard, as low temperatures can increase the chance brittle fracture, and must be considered when the designer chooses the material for construction.
-Parts of mechanically assembled systems must not be adjusted while the system if under pressure.

-Adequate anchoring shall be provided for equipment to be tested.
-Calibrated pressure gauges shall be used during the test.
-Valves shall be used to isolate the system equipment from the pressure source.
B.) Preparation for Pneumatic Testing
-The safe distance, as identified in the test procedure, shall be identified by placing appropriate barriers.
-All staff associated with or conducting a pneumatic pressure test shall be deemed competent by the organization conducting the test.
-A pre-test safety meeting should be conducted to ensure all personnel present on the site that may be exposed are aware of the hazards, mitigations, and emergency response plan.
-All visual inspections and non-destructive examinations required by the code of construction shall be completed and evaluated as acceptable.
-A pre-test inspection shall be made to all connections to verify proper assembly and tightness, positioning of valves, overpressure protection, and control of test medium
C.) Pressurization Procedure:
-The test pressure shall be gradually increased until the pressure reaches the lesser of 170KPa (25psi), or 1/2 of the test pressure. At this time a preliminary check shall be made. If leaks are identified then the system shall be de-pressured and repairs made to correct the deficiency prior to proceeding
-Thereafter, the pressure shall be gradually increased in steps until the test pressure is reached (ie 25% 50%, 75% of MAWP, followed by test pressure). The pressure shall be held at each step long enough to equalize the piping strains. The safe distance identified in the procedure must be observed during this 'portion of the test. If leaks are identified, the system shall be de-pressured' and repairs made prior to proceeding Re- pressurization must follow all of the above steps.
-The test pressure shall then be reduced to the design pressure before examining for leakage.
-Following pneumatic testing, the entire system shall be undergo a 24-hours operation under continuous observation to verify system integrity and identify any potential leaks.
D.) Testing Procedure for Hydrostatic Testing
-Prepare all tools and equipment needed for the hydrostatic testing of installed piping system for fire sprinklers.
-Prepare the necessary documents such as Inspection and Testing permits with specified key plan location attached as well as other pertinent documents needed.
-Check all connections of risers, feed mains, cross mains, branch lines and droppings for open connection to prevent leakage that can cause damages. Fill up the pre-testing inspection checklist.
-Above ground piping shall be hydrostatically tested in accordance with NFPA 13 at not less than 1400 KPa or 350 KPa in excess of maximum system operating pressure and shall maintain that pressure without loss for 2 hrs. There shall be no drop in gauge pressure or visible leakage when the system is subjected to hydrostatic test. The test pressure shall be read from the gauge located at the low elevation point of the system being tested.
-All readings shall be recorded on the testing form, stating the area being tested.
-Failed test should be immediately corrected or rectified.
-Repeat the hydrostatic testing after rectification are done. Record the pressure and check after 3 hours.
-If no more leaks, the system is will be subjected to flushing to remove and clean all foreign materials inside the piping system.
-Submit Service Report signed by Supervisor
-Provide Certificate of Good and Safe Running Condition signed and sealed by PME
E.) Duration of Work: 30 Days
F.) Warranty: Three (3) Months on Supplies and Labor
G.) Terms of Payment: Upon Completion
Quantity: 1
Unit Cost: 543,333.33
Total Cost: 543,333.33
**** nothing follows ****

A copy of your UPDATED legal requirements (Certificate of Registration from BIR, SEC/DTI, Business/Mayor’s Permit with Official Receipt, Platinum PhilGEPS Certificate, Tax Clearance, Audited FS with 2023 ITR and Omnibus Sworn Statement) is also required to be submitted along with your quotation/proposal.
Other Information
Quotations may be submitted manually at the office of the BAC Secretariat, BAC Office, Valenzuela Medical Center, Padrigal St., Karuhatan, Valenzuela City., through email to vmc_bac@yahoo.com. For any clarification, you may call Diana C. Pulido at telephone no. 294-46-25 or via email at vmc_bac@yahoo.com

Created by	Diana C. Pulido
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