



Republic of the Philippines  
Department of Health  
National Capital Regional Office  
**VALENZUELA MEDICAL CENTER**  
Padrigal St., Karuhatan, Valenzuela City  
Telefax No. 294-4625

FM-PROC-010  
Rev 2 - 03/15/17

## JOB ORDER

JOB ORDER NO.: 25-03-026  
DATE: March 5, 2025  
Mode of Procurement: Small Value Procurement

TO: **3J POWER CONSTRUCTION CORPORATION**  
Blk 4 Lot 6 Mahogany Homes, Marang Road, Maly, San Mateo, Rizal

AUTHORITY FOR WORK ORDER:

(1) Completion time from the date this work order received by the Contractor/Supplier: **20 CD**

To verify that a system may be safely subjected to its maximum operating pressure by testing it beyond its  
(2) PARTICULARS: designated pressure limit

ITEM NO.	WORK TO BE DONE	1	LOT	TOTAL PRICE
1	<b>Complete Supply of Labor, Tools and Equipment for the Pneumatic Testing of Fire Sprinkler System of Valenzuela Medical Center - IDS BUILDING</b>  <b>Scope of Works:</b> 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 is 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.) Testing Manifold and Pressure Relief Device (PRD): - Any supplementary valves, piping, hoses, etc. required for the test shall be inspected and accepted by the Valenzuela Medical Center personnel. - A PRD shall be provided. - The set point of the PRD shall not be greater than the test pressure, plus the lesser of 345 Kpa (50psi) or 10% of the test pressure. C.) Test Fluid: - If not air, the gas shall be nonflammable and nontoxic.			<b>169,500.00</b>

BALANCE FORWARDED

**169,500.00**

PURPOSE	To verify that a system may be safely subjected to its maximum operating pressure by testing it beyond its designated pressure limit
(3) REQUISITIONER:	(4) FUNDS AVAILABLE  RAYMUND JOE B. MACUANAY Signature over Printed Name Accountant III

- (5) THIS IS TO CERTIFY THAT the plans and specification and scope of work are of Government Standard and that the price as indicated on the Abstract of Canvass and supported by the Canvass Proposals is fair and reasonable as offered to this office.
- (6) In case of failure to make the completion time of work order within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed

I FURTHER CERTIFY that this procurement is for the benefit of the VALENZUELA MEDICAL CENTER.

Recommending Approval:

**ENGR. ZORAIDA S. CUADRA**

Signature Over Printed Name

OIC, Hospital Operations and Patient Support Division

(7) Received work order and bind myself to conditions as specified in paragraphs (1) & (2) above  SUBJECT TO REFUND UPON DISALLOWANCES MADE TO THE COMMISSION ON AUDIT  CONFORME RECEIVED BY THE SUPPLIER REPRESENTATIVE DATE	(6) APPROVAL (SEC.2048 Admin Code)  EDILBERTO V. CAVANEYRO, MD, MHA, FPCPS, FPSGS Signature over Printed Name OIC-Medical Center Chief II  3/12/25
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(2) PARTICULARS: To verify that a system may be safely subjected to its maximum operating pressure by testing it beyond its designated pressure limit

ITEM NO.	WORK TO BE DONE	TOTAL PRICE
	D.) Test Pressure: - The test pressure shall be in accordance with the code of construction (usually 110% of the design pressure)	169,500.00
	E.) Preparation: - 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. - Removal of existing Fire Sprinkler Heads - 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.	
	F.) 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 (i.e 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.	
	BALANCE FORWARDED	169,500.00

PURPOSE To verify that a system may be safely subjected to its maximum operating pressure  
by testing it beyond its designated pressure limit

(3) REQUISITIONER:

ENGR. MELVIN C. OROSA  
Signature over Printed Name  
Engineer II, EFMS

(4) FUNDS AVAILABLE:

RAYMUND JOE B. MACUANA  
Signature over Printed Name  
Accountant III

(5) THIS IS TO CERTIFY THAT the plans and specification and scope of work are of Government Standard and that the price as indicated on the Abstract of Canvass and supported by the Canvass Proposals is fair and reasonable as offered to this office.

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Signature Over Printed Name  
OIC, Hospital Operations and Patient Support Division

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as specified in paragraphs (1) & (2) above

(6) APPROVAL (SEC.2048 Admin Code)

EDILBERTO V. CAVANEYRO, MD, MHA, FPCs, FPSGS  
Signature over Printed Name  
OIC-Medical Center Chief II

SUBJECT TO REFUND UPON DISALLOWANCES MADE TO  
THE COMMISSION ON AUDIT

CONFORME

RECEIVED BY THE SUPPLIER

REPRESENTATIVE

DATE

3/12/25



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ITEM NO.	WORK TO BE DONE	TOTAL PRICE
	If leaks are identified, the system shall be de-pressured and repairs made prior to proceeding Re-pressure must follow all of the above steps. - The test pressure shall then be reduced to the design pressure before examining for leakage. G.) Installation of existing Fire Sprinkler Heads - After the pneumatic testing conducted and verify that the system has no leak, the existing fire sprinkler head should be installed. H.) Testing and Commissioning - Conduct Testing and Commissioning I.) Removal of Testing Manifold: - Any supplementary valves, piping, hoses, etc. required for the test shall be removed after testing is complete. J.) Duration of Work: 7 Days K.) Warranty: Three (3) Months on Supplies and Labor  PR No. 25-01-096 dated January 22, 2025 NOA dated 02/26/2025 Resolution No. 2025-068 dated 2/18/25 Allocation: EFMS Small Value Procurement ***** Nothing Follows *****	169,500.00

ONE HUNDRED SIXTY NINE THOUSAND FIVE HUNDRED PESOS ONLY

169,500.00

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Signature over Printed Name  
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