



## BIDS AND AWARDS COMMITTEE

May 28, 2025

### NOTICE OF AWARD

CORRECTIVE MAINTENANCE AND CONDUCTING PNEUMATIC AND HYDROSTATIC TESTING OF AUTOMATIC FIRE SUPPRESSION SYSTEM OF VMC-IDS BUILDING  
BAC RESO NO. 2025-180 dated May 23, 2025

**MS. JANE MARY S. MARIQUIT**

Sales Manager

**3J POWER CONSTRUCTION CORPORATION**  
Blk 4 Lot 6 Mahogany Homes, Marang Road,  
Maly, San Mateo, Rizal  
Contact no. 0918-488-3181  
Email: [3jpcc.operations@gmail.com](mailto:3jpcc.operations@gmail.com)

Dear Ms. Mariquit:

Please be notified that the result of your quotation for the *Small Value Procurement* of the CORRECTIVE MAINTENANCE AND CONDUCTING PNEUMATIC AND HYDROSTATIC TESTING OF AUTOMATIC FIRE SUPPRESSION SYSTEM OF VMC-IDS BUILDING under PR No. 25-05-641, is hereby awarded to you as the lowest quotation with a contract amount equivalent to FOUR HUNDRED SEVEN THOUSAND NINE HUNDRED PESOS ONLY (Php 407,900.00);

Item No.	QTY	UNIT	ITEM / DESCRIPTION	UNIT COST	TOTAL AMOUNT
1.	1	Lot	<b>Corrective Maintenance and Conducting Pneumatic and Hydrostatic Testing of Automatic Fire Suppression System of Valenzuela Medical Center -IDS BUILDING</b>	407,900.00	<b>407,900.00</b>
			<b>Scope of Works:</b> 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		

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**Republic of the Philippines  
Department of Health  
Metro Manila Center for Health Development  
VALENZUELA MEDICAL CENTER**



		<p>conducted after the rectification.</p> <p>8. After the rectification the winning contractor shall conduct Testing and Commissioning</p>		
		<p>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.</p>		
		<p>B.) Preparation for Pneumatic Testing</p> <ul style="list-style-type: none"> <li>-The safe distance, as identified in the test procedure, shall be identified by placing appropriate barriers.</li> <li>-All staff associated with or conducting a pneumatic pressure test shall be deemed competent by the organization conducting the test.</li> <li>-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.</li> <li>-All visual inspections and non-destructive examinations required by the code of construction shall be completed and evaluated as acceptable.</li> <li>-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</li> </ul>		
		<p>C.) Pressurization Procedure:</p> <ul style="list-style-type: none"> <li>-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</li> <li>-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.</li> </ul>		

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