

TERMS OF REFERENCE
SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF FIRE HOSE
CABINET

I. BACKGROUND/ RATIONALE

One of the primary reasons why fire cabinets are important is that they help ensure that fire-fighting equipment is available when needed most. In the event of a fire, every second counts, and having fire-fighting equipment readily available can help prevent the fire's spread and minimize damage to property and people. Fire cabinets also help to ensure that fire-fighting equipment is properly stored and maintained, which is important for its longevity and effectiveness. Another reason why fire cabinets are important is that they help to comply with fire safety regulations.

II. PROJECT DESCRIPTION

By Installing Fire Hose Cabinet in Identified Fire Prone Areas, it has following advantages, to wit:

Quick Response: Fire hose cabinets provide quick and immediate access to firefighting equipment in case of a fire emergency. This can help in containing and extinguishing fires at their early stages before they escalate and cause more damage.

Increased Fire Safety: Having fire hose cabinets in place enhances the overall fire safety of the area. It provides an additional layer of defense against fires, especially in locations where the risk of fire outbreaks is higher.

Localized Fire Protection: Fire hose cabinets allow for localized fire protection, which means that individuals in the area can take action to control a fire before it spreads further or emergency services arrive. This can be crucial in saving lives and property.

Compliance with Regulations: In many jurisdictions, it is a legal requirement to have firefighting equipment such as fire hose cabinets installed in certain buildings or areas, especially those deemed to be at high risk of fires. By installing fire hose cabinets, you ensure compliance with safety regulations. Knowing that there are fire hose cabinets readily available in fire-prone areas can provide peace of mind to residents, workers, and visitors. It gives them confidence that there are measures in place to address fire emergencies effectively. Overall, installing fire hose cabinets in fire-prone areas is a proactive measure that can significantly improve the safety and preparedness of the location in the event of a fire.

The project will have the following components:

List of Locations for Fire Hose Cabinet Installation

STATIONS PROPOSED LOCATIONS OF FIRE HOSE CABINET WITH PUMP

Station 1	1	#17 Isarog St. Brgy. San Isidro Labrador QC #139 Hlacon St. Brgy. San Isidro Labrador QC
	2	#83 Santiago St.,Brgy. San Antonio
	3	Tacloban st. Corner cotabato st. Brgy alicia, near culiat creek
	4	Sitio Masagana, Brgy. Bahay Toro, Q.C.
	5	Palanas B - Brgy. Vasra
	6	Road 1 Brgy Bagong Pag-asa
	7	Laguna st. Brgy. Ramon magsaysay
	8	West river side caragay st., brgy. Damayan
	9	Damar loop, cor. Dampol st., brgy.damar

STATION 2	10	Talayan road, cor. Maria clara st., brgy talayan
	1	Lakatan Basketball Court, Brgy. Batasan Hills
	2	Lupang Pangako (Phase 3 Blk 7, Grp 6 Iloilo St., Grp 6, Grp 5, Grp 9) Area B (Asper, Sandakot,
	3	Marine St. Brgy. Holy Spirit
	4	Payatas Road Upper Sitio Rolling Hills Brgy Bagong Silangan
	5	Morado Street Cor Arba Extension Sitio Taniman Cluster 7, Brgy. Batasan Hills
	6	Isla Pulang Bato, Brgy. Bagong Silangan
	7	Morado Street near San Vicente Chapel, Sitio Taniman, Brgy. Batasan Hills
	8	St. Vincent St. Brgy. Holy Spirit
	9	Cluster 7, Brgy. Batasan Hills
	10	Session Road cor. Saging Street, Brgy. Batasan Hills
STATION 3	1	Block 4, Kaingin 1, Brgy. Pansol
	2	Block 6, Kaingin 1, Brgy. Pansol
	3	No. 138 KH St., cor Ermin Garcia St., Brgy. E Rodriguez
	4	No. 139 KH St., cor Ermin Garcia St., Brgy. E Rodriguez
	5	Daang Tubo Area 5, Brgy Loyola Heights
	6	P. Tuazon Ave Brgy Tagumpay
	7	F. Castillo Brgy Bagumbuhay
	8	Aurora Blvd cor Pacmac Brgy. Mangga
	9	L. Pasco St. cor Doña Yayang, Brgy Libis
	10	no. 12 P. Mejia St. Brgy Libis
STATION 4	1	Gumamela St Brgy Roxas District
	2	Hemady Brgy Kristong Hari
	3	Barangay Hall Brgy. Botocan
	4	Pook Malinis Brgy. UP Campus
	5	Matang Tubig, Brgy. Horshoe
	6	BIR Road (Botanical) Brgy. Central, QC
	7	Maunlad St. Brgy. Pinyahan, QC
	8	Makabayan St. Brgy. Obrero
	9	Tagupo St Brgy Tatalon QC
	10	29 Kapiligan St Brgy Doña Imelda QC
STATION 5	1	Sitio Iris (Kaliwa) Brgy. Greater Fairview QC
	2	Bolivar St. Brgy. North Fairview QC
	3	Sitio Maralita Compound Brgy Greater Lagro
	4	Cor Kilyawan St, Magnolia St. Sitio Arguadiante Brgy Sta Monica
	5	625 Interior C, Bagbag Cemetery, Barangay Bagbag QC

**STATION
6**

6	Tawid Sapa 1, Brgy. San Agustin, QC
7	Titus St., Sitio Kawayan, Brgy. San Agustin, QC
8	San Antonio Compound, Nagkaisang Nayon
9	Champaca st. Bgy. Pasong Putik & Feliciano (Lily) Bgy. Pasong Putik
10	Bana Street corner Garcia Extension, Doña Faustina Village, San Bartolome
1	F. Carlos Brgy Baesa QC
2	Asamba Homes Brgy Baesa QC
3	Aranzanso St, Brgy Apolonio Samson QC
4	Matthew St Brgy Baesa QC
5	Alcantara St. Corner Banlat Road Brgy. Tandang Sora QC
6	Cenacle Drive, Desire Compound Alley Brgy Culiat
7	Tandang Sora., cor Libyan St. Salam Compound Brgy Culiat
8	Pingkian 1 Brgy. Pasong Tamo
9	Pingkian 2 Brgy. Pasong Tamo
10	Sitio Lower Sampalukan Brgy. Pasong Tamo

Production Phase

Upon approval of the content and design, this phase ensures that 60 fire hose cabinets with fire pumps will be made according to the approved design and other specifications.

1. CLOSETS AND CABINETS

- Closet or cabinet shall be used for only fire equipment and shall be marked to indicate the contents.
- Within the cabinet, the hose connections shall be located at least 50 mm between any part of the cabinet, other than the door and the handle of the valve when the valve is in any position ranging from fully open to fully closed.
- Quality finishes in epoxy/polyester powder coated and oven baked.

2. HOSE

- Hose length shall not be more than 30.5 m and not less than 30 m.
- Size of 1 1/2 in. lined, collapsible or non-collapsible,
- Light; Compact structure; Corrosion resistance; Anti-aging.
- Weather resistance; Mold resistance; Anti-UV and long service life.

3. HOSE RACK & REEL

- Must be rough-brass hose angle valve, shall compact and designed with a vented wheel that supports drying of 1-1/2 in. fire hose to avoid mold and mildew. Each reel comes standard in a red-baked enamel finish.
- Each rack or storage facility for hoses shall be provided with a label that includes the wording "FIRE HOSE FOR USE BY TRAINED PERSONNEL" and operating instructions with dimension of 300mm x 200mm.

4. NOZZLE

- High resistance to the mechanical impact and thermal shock by use of the lightweight aluminum alloy pistol grip and handle, not deformed, and more resistant to high temperatures than plastic grips and handles.
- Spinning teeth make the fog spray better.
- Flow Rate (360/475/550/750/950); Fog Range 0~120°; Size 316x118x245;
- Effective Distance 36/40/43/48/50

5. HOSE CONNECTIONS

- Hose connections shall have pressure between 90 PSI and 175 PSI. Flow and pressure are controlled using an adjustable flow restrictor at the handwheel.
- Hose connections shall be located at least 76.2 mm clearance between any adjacent object and the handle of the ^{hose,} in any position ranging from fully open to fully closed.

Delivery and Installation

This is the final phase of the project and both parties should ensure the adherence to the agreed delivery schedules.

Installation of Fire Hose Cabinet with Pump shall be allocated on prioritized areas with high fire incidence rate, or the fire prone areas.

III. SCOPE OF WORK

The following are the minimum activities to be undertaken by the Service Provider under this contract:

Production Phase

- Ensure quality based on the required specifications
- Conduct thorough quality checks thru ocular inspection or visit at each stage of production to identify and address any issues promptly

Delivery and Installation

- Ensure that products meet the required specifications upon and shall be test to determine the quality and efficiency of the items.
- Address any concerns or requests for revisions in a timely and professional manner.
- Delivery period will be one hundred twenty (120) calendar days upon issuance of Notice to Proceed.

IV. MODE OF PROCUREMENT AND APPROVED BUDGET FOR THE CONTRACT

The mode of procurement shall be open to competitive bidding pursuant to the 2016 Revised Implementing Rules and Regulations (RIRR) of the Republic Act No. 9184, otherwise known as the Government Procurement Reform Act.

The approved budget for the contract shall be Three Million Pesos (Php 3,000,000.00) only.

The project cost shall be fixed and there shall be no price adjustments applicable for the duration of the contract except when operations costs are increased by more than 10% as a result of extraordinary circumstances as determined by National Economic Development Authority (NEDA). Pursuant to the provisions of RA 9184 and its IRR on contract price escalation, all contract price escalation shall be approved by the Government Procurement Policy Board (GPBB)

V. PROJECT STANDARDS AND REQUIREMENTS:

- With proven record in designing and installing fire protection and suppression equipment.
- With proven experience in working or providing similar service with the government and/or its agencies, private organizations and/or Non-Government Organizations with at least

50% of the ABC within three (3) years prior to the deadline of submission and receipt of bids.

- Has direct ownership designing and installing fire protection and suppression equipment.

VI. TERMS OF PAYMENT

Full payment shall be made upon completion of delivery and fulfillment of all obligations and undertakings outlined in this document.

VII. PENALTIES FOR BREACH OF CONTRACT

Failure to deliver the services set by the City shall subject the Contractor to penalties and/or liquidated damages pursuant to RA 9184 AN ACT PROVIDING FOR THE MODERNIZATION, STANDARDIZATION AND REGULATION OF THE PROCUREMENT ACTIVITIES OF THE GOVERNMENT AND FOR OTHER PURPOSES and its revised Implementing Rules and Regulations.

VIII. CANCELLATION OR TERMINATION OF CONTRACT

Should there be any dispute, controversy or difference between the parties arising out of this TOR, the parties herein shall exert efforts to amicably settle such dispute or difference. However, if any dispute, controversy or difference cannot be resolved by them amicably to the mutual satisfaction of the parties, then the matter may be submitted for arbitration in accordance with existing laws, without prejudice for the aggrieved party to seek redress before a court of competent jurisdiction.

The guidelines contained in RA 9184 and its revised IRR shall be followed in the termination of any service contract. In the event the City terminated the Contract due to default insolvency, or for cause, it may enter into negotiated procurement pursuant to section 53(d) of RA 9184 and its IRR.

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