



TERMS OF REFERENCE (TOR) FOR THE TERMITE TREATMENT AND OTHER RELATED PEST CONTROL SERVICES OF QUEZON CITY HALL BUILDINGS AND COMPOUND INCLUDING GSD CENTRAL WAREHOUSE

I.0 RATIONALE AND BACKGROUND

The Quezon City Government continue to safeguard its citizens in fighting and controlling the spread of various diseases may be brought about by infected pest lurking around the Quezon City Hall Compound. One of the mitigating measure initiated by the City is to eliminate the propagations of Pest through a resilient and approved Pest Control Program.

II. PROJECT DESCRIPTION

This Terms of Reference is crafted for the City to avail itself of a Service Provider that has the expertise to provide an effective and efficient disinfecting schemes and products for the safety of the employees as well as the transacting public.

III. PROJECT SCOPE OF WORK

A. CONTROL OF RODENTS AND FLYING/CRAWLING INSECT

1. Treatment for Rodent

Treatment by baits, laying of anti-coagulant preparations in areas used as passageways and harbourages of rats and mice, based on a system of permanent/semi-permanent bait station. These rodenticides provide good control without presenting any hazard to products of personnel. However, if the degree of infestation should ever warrant it, acute/chronic rodenticides must be used but only after close consultation with the client and then only under the strict supervision of the contractor. Supplementary control methods, such as use of mechanical traps and sticky board for rats, will also be employed if the situation so warrants.

2. Treatment for Cockroach

Treatment by spraying or misting will be carried out specially in the harbourages and breeding places of cockroaches, such as pantries, toilets area and drainages. Cracks and crevices and hidden surfaces such as inside drawer units, cupboards and cabinets shall also be treated with insecticidal solution with residual effect, in which case all content thereof must be removed prior to the scheduled date of service. Where spraying or misting is inadvisable or forbidden, dusting or cockroach gel baiting will instead be done.

3. Treatment for fly and Mosquito

Mist Blower/misting will be done in the whole premises, in accordance with a pre-arranged schedule of treatment. Larviciding of known breeding places and harborages of flies and mosquitoes will also be carried out. Where misting is inadvisable or forbidden, spraying will instead be done.

4. Frequency of Service

*Every two (2) months delivery/application period until December 31, 2024.

* Treatment of garbage areas, drainages, stagnant water and other pest breeding areas within the premises.

* Application of insecticide gel baits for cockroach control on areas where spraying is not applicable.

After General Treatment Work

* With or without infestation, assessment and inspection will again be conducted after two weeks.



B. CONTROL OF TERMITES

- 1. General survey and thorough inspection of the entire premises to determine the location and extent of subterranean infestation.
- 2. Application of termiticide solution into live mounds found within the premises.
- 3. Drilling of 5/8 inches dia. Holes immediately adjacent to the outside or inside face of the wall, near doorjamb and wherever accessible using portable roto-hammer drill.
- 4. Application of termiticide solution into each drilled hole using power sprayer with sub slab injector.
- 5. Patching of drilled holes.
- 6. Soil injection of the ground immediately adjacent to the outside face of the wall using power sprayer with sub slab injector.
- 7. Spraying of termiticide solution on all wooden parts, cracks, crevices, and other possible passageways and harborages of subterranean termite.
- 8. Six times inspection within the guarantee period. However, should there be re-infestation within the guarantee period that may need immediate treatment before and after the regular schedule of the service provider shall conduct again the application of termite solution
- 9. Submit accomplishment and activity reports indicating before, during and after application of pesticide treatment and recommendation

C. Chemical to be use

Listed hereunder are insecticides and rodenticides to be used which shall be environment friendly and duly approved by the Food and Drug Authority (FDA) and Bureau of Food and Drugs (BFAD)

For Insect Control

- A. Dichlorvos (Spraying Misting)
- B. Alphacypermethrin (Spraying)
- C. Permethrin (Spraying Misting)
- D. Deltamethrin (spraying)
- E. Beta-cyfluthrin (spraying)
- F. Emamectin Benzoate (baiting,feeding)
- G. Other equivalent chemicals approved by FDA/BFAD

For Rodent Control

- H. Diphacinone (baiting, feeding)
- I. Coumatetraly (baiting, feeding)
- J. Other equivalent chemicals approved by FDA/BFAD

For Termite Control

- K. Fipronil (soil treatment, surface spraying, injection, trench)
- L. Chlopyritos (soil treatment)
- M. Other equivalent chemicals approved by FDA/BFAD

FREQUENCY OF APPLICATION

- I. One time General Treatment for massive termite control to all open spaces or as needed with an area of 30,000 sq.m (1 lot equivalent to 100 sq.m)
- II. Insect and Rodent Control Services – every two (2) months until December 31, 2024
 - A. Spraying for flying and crawling insects application (1 lot equivalent to 100 sq.m)
 - B. Rodenticide application (1 lot equivalent to 100 sq.m)

IV. AREA OF COVERAGE

	AREA COVERAGE	Unit	Quantity	Equivalent/lot	Total Lot
I.	One Time General Treatment for massive termite control to all open spaces or as needed with an area of 30,000 sq.m (1 lot is equivalent to 100 sq.m)	sq.m	30,000.00	100	300

II. Insect and Rodent Control Services * 1 lot Equivalent to 100 sq.m					
1	High Rise Building	sq.m	17,920	100	179.2
2	Annex Building	sq.m	7,740	100	77.4
3	Civic Center Building A	sq.m	5,500	100	55
4	Civic Center Building B	sq.m	5,500	100	55
5	Civic Center Building C	sq.m	4,100	100	41
6	Civic Center Building D	sq.m	10,080	100	100.8
7	Civc Center Building E	sq.m	2,400	100	24
8	Civic Center Buiding F	sq.m	10,080	100	100.8
9	Legislative Building	sq.m	3,100	100	31
10	DRRMO Building	sq.m	2,000	100	20
11	Arugaan Building	sq.m	251	100	2.51
12	Motorpool Building	sq.m	280	100	2.8
13	NGO Building	sq.m	2,000	100	20
14	Public Library	sq.m	2,400	100	24
15	Quezon City Hall Police Detachment	sq.m	280	100	2.8
16	Central Warehouse	sq.m	4,350	100	43.5
17	Civic Center G (Health Department)	sq.m	5,000	100	50
18	Community Center Building	sq.m	4,500	100	45
19	DPOS Building	sq.m	4,200	100	42
20	Material Recovering Facilities (MRF)	sq.m	2,500	100	25
21	Quezon City Hall Lagoon Area	sq.m	4,000	100	40
22	ECHO Park Area	sq.m	2,050	100	20.5
23	Multi Level Parking Area	sq.m	3,000	100	30
24	Convention Center Parking Area	sq.m	400	100	4
25	Kapit Bisig Vendor Area	sq.m	200	100	2
		TOTAL	103,831		1,038.31
a	Every two (2) months Spraying for flying and crawling insects application (1 lot equivalent to 100 sq.m)	lot	1,038.31		
b	Every two (2)months Rodenticide application (1 lot equivalent to 100 sq.m)	lot	1,038.31		

V. PROJECT STANDARDS & REQUIREMENT

The following are the minimum qualifications and requirement for the contractor

Track Record

- I. The service provider should have at least completed/accomplished similar projects.

Organization

- II. The contractor should submit its detailed organization chart which should indicate an established organizational structure of technical personnel to show its capacity to undertake the project.

Manpower

- III. Ten (10) personnel with at least 8 hours of Training Experience of Pest Control Services Application.

VI. PROJECT DURATION

- Delivery period until December 31, 2024

VII. Warranty Period

- To provide valuable documentation warranty certificate.

VIII. APPROVED BUDGET FOR THE CONTRACT

- The City has set an Approved Budget for the Contract (ABC) of Two Million Four Hundred Ninety Two Thousand Sixty Two and 20/100 Pesos Only (2,492,062.20).
- No price adjustment

- The cost shall be fixed and there shall no price adjustments applicable for the duration of the contract except when the operations cost are increased by more than 10% as a result of any extraordinary circumstance as determined by the National Economic Development Authority (NEDA). Pursuant to the provisions of RA 91184 and its IRR on contract price escalation, all contract price escalation shall approved by the Government Procurement Policy Board (GPPB)..

IX. BASIS OF PAYMENT

- Upon completion of General Treatment for termite control.
- Every Rodenticide Application and Spraying for flying and crawling insects application.

X. PENALTIES FOR BREACH OF CONTRACT

- Failure to deliver the services according to the standards and requirements set by the City shall constitute an offense and shall subject the Contractor to penalties and/or liquidated damages pursuant to RA 9184 and its revised implementing Rules and Regulations.

XI. CANCELLATION OR TERMINATION OF CONTRACT

- 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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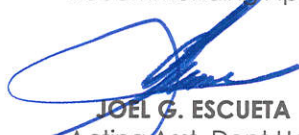
COST DERIVATION FOR THE TERMITE TREATMENT AND OTHER RELATED PEST CONTROL SERVICES OF QUEZON CITY HALL BUILDINGS AND COMPOUND INCLUDING GSD CENTRAL WAREHOUSE

	AREA COVERAGE	Unit	Quantity	Equivalent/lot	Total Lot	Estimated Cost	Total Cost
I.	One Time General Treatment for massive termite control to all open spaces or as needed with an area of 30,000 sq.m (1 lot is equivalent to 100 sq.m)	sq.m	30,000.00	100	300	2,700.00	810,000.00
II.	Insect and Rodent Control Services * 1 lot Equivalent to 100 sq.m)						
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25	Kapit Bisig Vendor Area	sq.m	200	100	2		
		TOTAL	103,831		1,038.31		
a	Every two (2) months Spraying for flying and crawling insects application (1 lot equivalent to 100 sq.m)	lot	1,038.31			150.00	155,746.50
						x 6 times	934,479.00
b	Every two (2) months Rodenticide application (1 lot equivalent to 100 sq.m)	lot	1,038.31			120.00	124,597.20
						x 6 times	747,583.20
GRAND TOTAL COST...							2,492,062.20

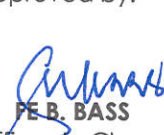
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