

DIAMOND CITY WEST APARTMENT OWNERS' ASSOCIATION

(A Registered Society under West Bengal Apartment Owners Association Act 1972.)
18 Ho Chi Minh Sarani, Bakultala, PO Sarsuna, Behala, KOLKATA – 700061
URL: www.dcwaoa.org

TENDER DOCUMENT FOR

POST CONSTRUCTION ANTI-TERMITE (DEEMAK) TREATMENT INSIDE & OUTSIDE OF THE RESIDENTIAL COMPLEX

at

DIAMOND CITY WEST

18, Ho Chi Minh Sarani, Sarsuna, Behala, Kolkata – 700061.

Tender Reference No. : NIT/DCWAOA/2024-25/PMO/PestControl/001

Notice Inviting Tenders

Notice No: NIT/DCWAOA/2024-25/FMO/PestControl-001

Date: 18.05.2024

Open Tenders are invited on behalf of the President, DCWAOA under Two-Bid System (“**Technical bid**” and “**Financial bid**”) from the *bona fide* manufacturers / authorized agents / distributors/ partners/ dealers/ suppliers/ contractors for the **Post Construction Anti-Termite (Deemak) Treatment Inside & Outside of The Residential Complex at Diamond City West**, 18 Ho Chi Minh Sarani, Sarsuna, Behala, Kolkata 700061. Details are available in All Tower Notice Boards, **MyGate** App and also in our website: <http://dcwaoa.org/tenders.html>.

A. Important Information	
1) Location of Work:	Diamond City West, 18 Ho Chi Minh Sarani, Sarsuna, Behala, Kolkata 700061.
2) Name of Work:	Post Construction Anti-Termite (Deemak) Treatment Inside & Outside of the Residential Complex at Diamond City West, Behala, Kolkata 700061.
3) Completion of Work:	The work to be completed within 60 days from receipt of Work Order.
4) To qualify for award of the work, each bidder in its name should have	Valid license for similar anti-termite treatment and experience of work in any large housing complex satisfactorily of value not less than Rs. 3,00,000/- (Rupees Three Lakhs only) during the last three years.
5) Earnest Money Deposit (EMD)	2% of the contract value or Rs. 10,000/- (Rupees Ten Thousand only) whichever is more, to be paid Online or by Bank Draft in favor of Diamond City West Apartment Owners' Association (DCWAOA) as mentioned in Section E-(8) . <u>Please share the TXN Details.</u>
6) Performance Security Deposit	10% of the contract value adjustable with EMD.
7) Date of N. I. T	Date: 18.05.2024
8) Clarification needed on Bidding Documents may be inquired to	Mr. Sidheshwar Ghosh (Mob: 9934333100) or, Mr. Zafar Alam : 9163850675 The Vendor should clearly understand our requirements before submitting quotations. Hence Pre-bid meeting/ site visit/inspection may be arranged on pre-appointment with the contact numbers given above. Vendors submitting quotations without knowledge of our requirements will not be entertained later.

9)	Technical and Financial Bids to be submitted to:	Hard copy in sealed envelopes to the Property Manager, DCWAOA or, soft copy through email: vncdcwaoa@gmail.com along with all required documents duly signed by the vendor.
10)	Last Date of Submission of Technical and Financial Bid:	28.05.2024, by 17:00 Hours
11)	Date of Opening of Technical Bid	30.05.2024, Time 20:00 Hours
12)	Date of Opening of Financial Bid	Will be intimated later (Only for the technically qualified bidders)
13)	Officer Inviting Bid:	The President, DCWAOA, Kolkata - 700061.

B.	Technical bid shall consist of the following Information and documents
1)	Name of the firm and constitution:
2)	Address of the Registered Office:
3)	Contact Phone No:
4)	Contact E-mail address:
5)	Constitution or legal status of the Bidder:
6)	Place of registration:
7)	Principal place of business:
8)	Power of attorney of signatory:
9)	Valid Trade License for anti-termite treatment and pest control:
10)	GST Certificate & No.:
11)	PAN:
12)	Professional Tax:
13)	IT Return
15)	Credentials for completion of similar work(s):
16)	Earnest Money Deposit amount & payment reference:

C. Eligibility criteria for participation in tender:

The technical evaluation will be done on the following parameters and offers from firms not conforming to any of these parameters will be rejected.

- 1) Bidder should have experience of at least five years in this field. The contractor should have professional trained personnel to carry out the pesticide treatment.
- 2) Firm should have valid license for carrying out such work or Registered with any Government organization/Autonomous body or should have undertaken in the field of pest control. Upload documentary proof.
- 3) The bidder should have a valid Trade License, PAN, Professional Certificate, IT statements, and GST Registration Certificate. Documentary proofs to be submitted.
- 4) Copies of Experience Certificate for similar type of work and at least one work completed for 3.0 Lakhs or more with one organization/Institute/Department/housing complex.
- 5) The firm should not have been blacklisted/debarred in any manner from any Govt. Department. A declaration on a stamp paper of Rs. 10/- should be uploaded/attached.
- 6) Complete tender document in all respects duly signed & stamped on each and every page as a token of acceptance of all the terms and conditions of tender shall be submitted along with EMD.
- 7) MSME certificate may be provided if applicable.

- 8) Self-attested copies of Work Orders/ Award letters along with certificates of completion in support of proof of experience for the works executed by the bidders during last 5 years ending on 31.03.2024. DCWAOA reserves the right to cross check the documents from the issuing department/ company.
- 9) VALID LICENSE: The bidder should have a valid license issued by State Govt./ Central Govt. Department /Central Pesticide Board to stock & use pesticides. A copy of the certificate has to be submitted in this regard.
- 10) The contractor should purchase all formulation/ pesticides to be used only from original manufacturer or their authorized dealer. The chemical should be of branded ISI marked products of a company. Manufacturer's authorizations for the chemicals used must be submitted.

D. Technical Specifications/ Scope of the work:

1. Post Construction Anti-Termite (Deemak) Treatment Inside & Outside of the Residential Complex at Diamond City West, 18, Ho Chi Minh Sarani, Behala; Kolkata 700061 as follows:

Sl. No.	DETAILS OF THE AREA	AREA/ TOWER	SQ. FT.	NO. OF TOWER/ CORRIDOR	TOTAL AREA (SQ.FT)
1.	Ground Floor Area - All common areas including PMO office, DCWAOA office, Gym, STP, Children's play room, Senior citizen room etc.	All Towers	13900	10	139000
2	G+13 buildings – Stairs & Corridors	Towers 2-9:	580	13x9	67860
3	G+12 building – Stairs & Corridors	Tower-1:	580	12x1	6960
4	Electric Meter Room and Parking areas:	All covered & open parking areas			As per site
5	Garden area & open spaces				As per site

Any Other area which is deemed to be necessary to complete the operation including Pump House, staircase, shafts, Lift rooms and elevator pits, corridors, roof tops or any other open spaces etc.

2. **Methodology for Anti-Termite Treatment:** Anti-Termite treatment shall cover measures for the total eradication and control of termites in residential complex. The chemicals used as well as procedure shall conform to **IS code of practice for Anti termite treatment in buildings (IS 6313 part 3).**
3. **Mode of treatment:** Anti-Termite treatment shall be done for building with RCC foundations or with load bearing walled foundations. The principle of the treatment is to create a continuous chemical barrier/Zone below and around the building/structure. The stages of treatment is mentioned below:
 - (i) Post Constructional Measures: Anti-termite treatment to the outside of foundation with chemical emulsion by admixing chloropyrofos emulsifiable concentrate (1% concentration) with water by weight, drilling 12mm. dia holes in concrete or masonry apron at an interval of 300mm. to a depth, of 300mm or more as close to the plinth wall as possible and the chemical emulsion pumped into those holes to soak the soil below at a rate of 2.25 litres per linear metre complete as per specification laid down in para 4.3.1.1 of Code I.S.- 6313 (Part III)-1981.
 - (ii) Anti-termite treatment to the soil under floor with chemical emulsion by admixing Chloropyrofos emulsifiable concentrate (1% concentration) with water by weight including drilling vertically 12mm. dia holes at the junction of floor and wall at 300 mm interval to reach the soil below using hand operated pressure pump to squirt chemical emulsion into the pump to squirt chemical emulsion into the holes at the rate of one litre per hole. The holes shall be sealed after operation to match with the existing floor. The entire work is to be carried out as per specification laid down in para 4.3.1.4 of code I.S.- 6313 (Part-III)-1981.

- (iii) Anti-termite treatment to the junction of woodwork and masonry walls with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight including spraying at the points of contact with the adjoining masonry by drilling 6m. dia holes at a downward angle of about 45 degree at the junction of woodwork and masonry and squirting chemical emulsion into these holes at the rate of half litre per hole. The entire work is to be carried out as per specification of Code I.S.-6313 (Part III)-1981. The shutters are to be sprayed with emulsion. on both sides. All wooden fixtures like almirahs, racks etc. are also to be thoroughly sprayed with chemical emulsion. (Payment will be made on the basis of outside measurements of doors and windows)
- (iv) Spot application for insecticides using Aqua base spray for pest (for bugs, cockroaches, silverfish, spider, termites, mosquitoes) to walls and ceiling etc. with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight including spraying the emulsified chemical @ 0.5 litres per sq.m. by a hand operated pressure pump on wall surfaces, ceiling, electrical fixture, electrical lines including drilling holes in places where source of termite is detected squirting chemical solution into the holes and sealing the holes with cement grout. (Rate is per sq.m. of the floor area while actual work will be all walls ceiling, rack, partition and furniture).
- (v) **Treatment along /outside of foundations:** The soil in contact with the external wall of the building shall be treated with chemical emulsion at the rate of 7.5 l/m² of the vertical surface of the substructure to a depth of 300 mm. To facilitate this treatment a shallow channel shall be excavated along and close to the wall at 1.75 litres per running metre of the channel. Rodding with 12 mm diameter mild steel rods at 150mm apart shall be done in the channel if necessary for uniform dispersal of the chemical to 300 mm depth from the ground level. The balance chemical of 0.5 litre per running metre shall then be used to treat the backfill earth as it is returned to the channel directing the spray toward the wall surface. If there is a concrete or masonry apron around the building, approximately 12 mm diameter holes shall be drilled as close as possible to the plinth wall at 300 mm apart, deep enough to reach the soil below, and the chemical emulsion pumped into these holes to soak the soil below at a rate of 2.25 litres per linear metre.
- (vi) **Treatment of soil under floor:** The points where the termites are likely to seek entry through the floor are the cracks at the following locations:
 - a) At the junction of the floor and walls as a result of shrinkage of the concrete;
 - b) At construction joints in a concrete floor, cast in sections; and expansion joints in the floor.

Chemical treatment should be provided within the plinth area of the ground floor of the structure wherever such cracks are noticed, by drilling vertically 12 mm holes at the junction of floor and walls, constructional and expansion joints mentioned above at 300 mm interval to reach the soil below. Chemical emulsion shall be squirted into these holes using a hand operated pressure pump until refusal or to a maximum of one litre per hole. The holes shall be sealed. In general, the idea is to change the soil below the floor at the locations of cracks with toxicants so that termites in the soil are denied access through such cracks and openings in the floor.

4. **CHEMICALS:** Any one of the following chemicals conforming to relevant Indian Standard in water emulsion maybe used for the soil treatment in order to protect a building from termite attack.

<u>Chemical</u>	<u>Indian Standard</u>	<u>Concentration by weight, %</u>
Chlorpyrifos 20 EC	IS 8944	1.0
Lindane 20 EC	IS 632	1.0
Imidacloprid 30.5 SC	IS 16131	0.075

Anti-Termite Treatment on wood work: Providing, diluting & injecting chemical emulsion for POST CONSTRUCTIONAL anti-termite treatment at points of contact of wood work by chemical emulsion Chlorpyrifos/Lindane (in oil or kerosene-based solution) @ 0.5 ltrs. per hole by drilling 6 mm holes at downward angle of 45° at 150 mm centre to centre and sealing the same.

Anti-Termite Treatment on below concrete or masonry: Providing, diluting & injecting chemical emulsion for POST CONSTRUCTIONAL anti-termite treatment: Along external wall below concrete or masonry apron using chemical emulsion @ 2.25 ltr. Per linear meter including plugging holes etc. With Chlorpyrifos 20 EC, Lindane 20 EC or imidacloprid 30.5 SC as per above spec.

5. **Precaution:** The chemicals described in this tender are insecticides with a persistent action and is to be regarded as highly poisonous. These chemicals can have an adverse effect upon health when absorbed through the skin, inhaled as vapours or spray-mists or swallowed. Persons carrying out chemical should know the precautions and exercise due care when handling the chemical whether in concentrate or in diluted form. The use of the chemical should be avoided where there is any risk of wells or other water supplies, pond water becoming contaminated. **Contractor is fully responsible for any eventuality occurs to his workmen during execution of the work.**

OTHER INSTRUCTIONS:

1. Vendor should visit and inspect the site for understanding the requirements. Vendor who submits quotations without visiting the site should not say later about their ignorance of the requirements. After opening the bids, no excuse will be entertained with regards to site conditions, security restrictions, etc.
2. Vendor should have previous track record of executing similar anti-termite treatment work.
3. Performance Security Deposit against the job to be held up to completion of warranty period and may be released in lieu of bank guaranty.

E. Terms and Conditions:

- 1) Tenderer should quote the consolidated rates for anti-termite treatment showing MRP and discounts thereon. HSN No. of the item(s) GST on rate should be mentioned separately. The total amount should be quoted both in figures and words. Request for inclusion of any tax/levy at later stage will not be entertained.
- 2) Vendor should visit and inspect the site before quoting. After opening the bids, no excuse will be entertained with regards to site conditions, security restrictions, etc.
- 3) The association (DCWAOA) reserves the right to accept or reject the lowest or any or all of the tenders without assigning any reason whatsoever.
- 4) The contractor should purchase all formulation/pesticides to be used only from original manufacturer or their authorized dealer. The chemical should be branded ISI marked products of a company. Materials & accessories used should be as per specification. The Chemicals along with its Invoice to be used are to be made available for inspection before its application.
- 5) The firm shall make his own arrangement for transportation of personnel, materials etc. at his own cost and expenses.
- 6) All the T&P is to be arranged by Contractor and nothing extra shall be paid on this account.
- 7) All the labour bye laws & regulations are to be followed by the contractor.
- 8) The contractor shall not sub let or appoint any sub-contractor for the work under any circumstances.
- 9) The contractor shall make his own arrangement for making electric connections to equipment like drill machine etc., if any. However, our electricians will help in identifying the required sockets for LT powerline near the job location.
- 10) The contractor shall be bound to follow the restrictions on the movement of labours at DCW campus due to security or any other reason(s). No claim shall be entertained on this account.
- 11) The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards, lights, flags etc. He shall be responsible for all the damages, accidents, caused due to negligence.
- 12) The contractor shall personally be responsible for violation of any guidelines and shall have to pay the fine/penalty imposed by appropriate authority. No claim on this account shall be entertained.
- 13) The timing and deployment of worker would be according to the time suited to the residents.
- 14) The contractor shall be fully responsible for safe custody of the material even if the materials are under double lock system.
- 15) **The work must be completed within 120 days** from commencement of the work.

16) **EMD to be deposited to the account of DCWAOA Online to the following Bank Details:**

Account Name : **Diamond City West Apartment Owners Association**
Account No. & Type : **37489797811, Current Account**
Bank & Branch : **State Bank of India, Bakultala Branch**
IFSC Code : **SBIN0001489**

Please share the transaction details.

- 17) The EMD may be exempted for the MSME/SSI vendors/service providers as per the Govt. rule.
- 18) The EMD amount will be forfeited in case, the qualified Bidder refuses to accept the purchase order or, fails to carry out the obligations mentioned therein or, if the project is left midway by the vendor.
- 19) No bidder is allowed to withdraw the tender. In case of withdrawal the EMD shall stand forfeited besides action being taken to black list the bidder.
- 20) The successful bidder has to submit the “Performance Security Deposit (PSD)”, which is 10% of the contract Value, directly to DCWAOA account or in the form of bank guarantee from any nationalized/scheduled commercial bank drawn in favour of **Diamond City West Apartment Owners Association** enforceable at Kolkata, before releasing the final payment after successful installation and commissioning. The EMD amount of the successful vendor will be adjusted with the PSD or refunded against bank guarantee of full PSD.
- 21) The PSD will be forfeited in case of non-performance or non-fulfilment of any of the terms & conditions of the contract and for compensating any loss suffered.
- 22) The EMD will be refunded without interest to the unsuccessful bidders against their written application at the earliest and after finalization of the contract with the successful bidder.
- 23) **Care of Buildings:** Due care shall be taken by the contractor to avoid damage to the existing buildings during pest control work. The contractor shall be responsible for repairing all the damages and restoring the same to their original finish at his cost. He shall also remove at his costs all unwanted and waste materials arising out of his work from the site.
- 24) If any complaint is received from the resident feels that the treatment is not satisfactory then the said complaint shall be attended again by the contractor immediately free of cost/charge. In case of complaints are still received even after treatment the office administration will review the contract and may terminate the contract if necessary.
- 25) Contractor will be fully responsible if any eventuality occurs to his workmen during execution of work.
- 26) Standard force-majeure conditions would apply.
- 27) **Warranty requirements: 5 years.** The firm shall ensure that there should not be recurrence of the problem during the period of 05 years after treatment. In case, the problem exists in such place/area, the contractor shall provide the service without any claims/charge in such cases.
- 28) **Dispute Resolution:** Disputes, if any with regard to the interpretation, execution and /or implementation of these terms and conditions shall vest exclusively in the President, DCWAOA whose decision shall be final and binding upon the parties. Disputes, if any with regard to the decision of the President, DCWAOA in the regard, shall be referred to Arbitration at the hands of a sole Arbitrator to be appointed by DCWAOA shall all proceedings in this regard shall be subject to the sole and exclusive jurisdiction of Courts of competent jurisdiction at Kolkata.
- 28.1 Upon acceptance of the bid, no sub-letting/transfer of job would be allowed by the Operator except with the prior written permission of the President, DCWAOA.
- 29) Contractor will have to submit unconditional acceptance to the above terms and conditions at the time of submission of the tender.
- 30) **Payment terms:**
- (i) Payment Terms: 90% payment will be released after satisfactory completion of the work. However, payment shall be made on actual work done/measurement/unit rate. Contractor has to obtain and submit user satisfaction certificate after completion of each tower.
- (ii) The balance payment of 10% shall be released after 6 months of completion of work subject to successful completion of the job for all the units, submission of warranty documents, and issuance of certificate of

successful completion and satisfactory performance from the concerned committee, and subject to submission of PSD.

- (iii) Payment shall be made by a/c payee cheque or through Online transfer to the vendor's bank account. No cash payment will be made under any circumstances.
- (iv) All payments will be subject to deduction of TDS and GST as per applicable rule.

Authorized signatory
on behalf of **President, DCWAOA**

Accepted Terms & Conditions

Authorized Signatory on behalf of the Vendor.

Date & Stamp

Form of Submitting Quotation
(On Letterhead: the appendix forms the part of the Quotation)

Ref:

Date:

To:
The President,
Diamond City West Apartment Owners Association.
18, Ho Chi Minh Sarani;
Kolkata 700061

Sir,

Sub: Post Construction Anti-Termite (Deemak) Treatment Inside & Outside of your Residential Complex.

Ref: Your Tender enquiry No. **NIT/DCWAOA/2024-25/PMO/Pest-Control-001**

1. Having visited the site and examined the conditions of contract, specifications and schedule of quantities for the above-named work, we offer to undertake and complete the whole of subject work in conformity with the said conditions of the contract, specifications and schedule of quantities of this quotation.
2. We undertake to complete and deliver the whole of the work comprised in the contract within the time limit.
3. We have independently considered the amount of liquidated damages shown in the appendix hereto and agree that it represents a fair estimates of loss likely to be suffered by you in the event of the works not being completed properly.
4. We agree to abide by terms and conditions of this quotation for the period of three years from the date fixed for receiving the same or agreed extended period and it shall remain binding upon us may be accepted at any time before the expiry of the period.
5. Unless and until a formal agreement is prepared and executed, this quotation together with your written acceptance thereof shall constitute a binding contract between us.

6. We understand that if our quotation is accepted, we are to be jointly and severally responsible for the due performance of the contract.
7. We understand that you are not bound to accept the lowest or any quote you may receive.

Dated: Day of, 2024.

Signature.....

In the capacity of
 Duly authorized to sign for and on behalf of
 Name and address of the tenderer.
 (IN BLOCK CAPITALS)

Rubber Stamp

CHECK LIST OF SELF ATTESTED COPIES OF DOCUMENTS ATTACHED WITH THE TENDER

Sl.No.	Description	Yes / No	(Page No.)
1.	Firm Registration	Yes / No	
2.	PAN Number	Yes / No	
3.	Valid License	Yes / No	
4.	One work completed for 3 lakhs or more	Yes / No	
5.	Demand Draft / Pay order / for earnest money	Yes / No	
6.	GST Number.	Yes / No	
7.	Certificate of Experience of last three years	Yes / No	
8.	Certificate of present assignments	Yes / No	
9.	Organization Chart (Permanent manpower on roll)	Yes / No	
10.	Declaration by the firm on Rs. 10/- non judicial stamp paper stating "not blacklisted by any Govt. department	Yes / No	

Signature of Tenderer. _____

Seal