



**INSTITUTE FOR DEFENCE STUDIES AND ANALYSES**

No. 1 Development Enclave, Rao Tula Ram Marg, Delhi Cantt, New Delhi – 110 010

Ph. No., 26145352

Email: estatecell.idsa@yahoo.com

F.No. A/950/2019-2020/Pest Control

Date: 17 Sep 2019

**E-TENDER NOTICE FOR “ANTI TERMITE (DEEMAK) TREATMENT IN RESIDENTIAL COMPLEX”.**

**(IN SINGLE BID SYSTEM)**

Online bids are invited under single bid system from experienced contractors / agencies for **Anti Termite Treatment In Residential Complex Including Garden And Parking Area** “at IDSA premises located at No. 1 Development Enclave, Rao Tula Ram Marg, Delhi Cantt, New Delhi -110 010 as per details given in formats. **The bids should remain valid up to 90 days from the last date of submission of bids. The detailed terms & conditions are given at Annexure I. The financial bid format is at Annexure –II.**

Detailed Tender Documents are available on line from the date of tender publication at <https://www.mstcecommerce.com>, [www.idsa.in](http://www.idsa.in) and <https://www.eprocure.gov.in>. The interested bidders are advised to register themselves with e-procurement Portal at - <https://www.mstcecommerce.com> to participate in the e-Tender. The bidders should download and then upload duly signed tender form and their bids along with scanned copies of all the relevant certificates, documents etc. in support of their technical bids and financial bids on the <https://www.mstcecommerce.com>, latest by **16 Oct 2019 by 1100 hrs**. Hard copies of the relevant documents also to be submitted along with (1) Demand Draft for Rs. **5000/- (Rupees Five thousand only)** in favour of “**IDSA**” payable at **New Delhi** as Earnest Money Deposit and (2) All documents signed and stamped, which shall be submitted in sealed cover addressed to the **Estate Manager, Institute for Defence Studies and Analyses**, may be sent at the Institute’s address mentioned above either by Speed Post / By hand delivery at Tender Box kept at the reception office, should reach on or before **1100 hrs, 16 Oct 2019** duly mentioning on top right hand corner of the sealed envelope “**EMD and any other supporting documents for “Anti-Termite (Deemak) Treatment In Residential Complex.**

Tender is to be submitted on the prescribed form, as enclosed, duly signed, stamped and dated on each page of tender and Annexures as their unconditional and explicit concurrence to the terms and conditions laid down by the Institute.

**The online bids shall be opened for all firms** in presence of the bidders or their authorized representative, not more than one person, may be present at the time of opening of the bids, if they desire.

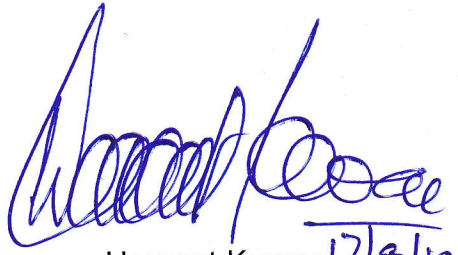
**IDSA reserves the right to accept or reject any or all quotations including the lowest bidder without assigning any reason at its sole discretion and the decision of the IDSA will be final and binding to all concerned.**

**Critical Dates of Tender:**

(i) Publish Date & Time	18/09/2019, 1500 hrs
(ii) Document Download Start Date & Time	18/09/2019, 1530 hrs
(iii) Bid Submission Start Date & Time	18/09/2019, 1545 hrs
(iv) Bid Submission End Date & Time	16/10/2019, 1100 hrs
(v) Offline submission, EMD, and other supporting documents	16/10/2019, 1030 hrs
(vi) Bid Opening Date & Time	16/10/2019, 1130 hrs
(vii) Cost of Tender	Free of cost

**Note : Contractor shall inspect the Campus & assess its requirement before bidding the tender. Bidders are also advised to go through e-tendering process which is attached at Annexure I.**

**Corrigendum / addendum / modification to this tender, if any, will be notified through <https://www.mstcecommerce.com>, [www.idsa.in](http://www.idsa.in) and <https://eprocure.gov.in> only.**



Hemant Kumar 17/9/19

Estate manager



## **Process of E-tender:**

**Registration:** The process involves bidder's registration with MSTC e-procurement portal free of cost. Only after registration, the bidder(s) can submit his/their bids electronically. Electronic Bidding for submission of Technical Bid as well as Commercial Bid will be done over the internet. The Bidder should possess Class III signing type digital certificate. Bidders shall make their own arrangement for bidding from a P.C. connected with Internet. MSTC or IDSA is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature). At <https://www.mstcecommerce.com>

1). Bidders are required to register themselves online with <https://www.mstcecommerce.com>

2). Bidders will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form. In case of any clarification, please contact MSTC, (before the scheduled time of the e-tender).

***MSTC Help Desk: 01123212357, 01123215163, 01123217850,033-22901004.***

The technical Bid and the Price Bid shall have to be submitted online at <https://www.mstcecommerce.com> tenders will be opened electronically on specified date and time as given in the Tender. All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity. Information about tenders /corrigendum uploaded shall be sent by email only during the process till finalization of tender by IDSA. Hence, the bidders are required to ensure that their official email I.D. provided is valid and updated at the time of registration of bidder with MSTC (i.e. Agency). Bidders are also requested to ensure validity of their DSC (Digital Signature Certificate).

**E-tender cannot be accessed after the due date and time mentioned in NIT.**

### **Bidding in e-tender:-**

a) The process involves Electronic Bidding for submission of Technical and Commercial Bid.

b) The bidder(s) can submit their Technical Bid and Commercial Bid through internet in MSTC website <https://www.mstcecommerce.com>

### **c) System Requirement:**

i) Windows 7 Operating System and above

ii) Internet Explorer (IE-7)and above Internet browser.

iii) Signing type digital signature

iv) Java Runtime Environment 8 update 191(windows X86 offline) and above software to be downloaded and installed in the system.

To enable ALL active X controls and disables "use pop up blocker" under Tools Internet Options→ custom level

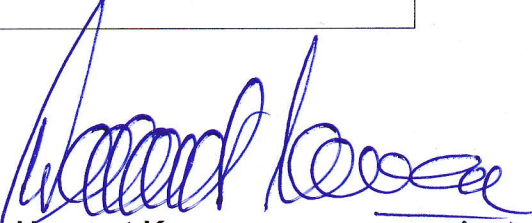
**TENDER DOCUMENT FOR ANTI TERMITE (DEEMAK) TREATMENT  
IN RESIDENTIAL COMPLEX**

**Single Bid System**

MEMORANDUM OF WORK IN BRIEF:-

1	Name of work	<b>Anti-Termite treatment in Residential complex</b>
2.	Cost of Tender Document	Free of Cost
3	Earnest Money	Rs 5000/-
4.	Validity period	90 days
5.	Security Deposit	10 % of contract value
6.	Warranty	3 years comprehensive warranty
7.	Last date of Submission of Tender	<b>16.10.2019 by 1100 hrs</b>
8.	Mode of Sending	a. EMD and relevant documents of Technical bid In sealed cover by Speed post/Hand Delivery in the tender box kept at reception . b. Tender sent by ordinary post will be rejected out rightly.
9.	Description essential to be made on sealed cover	a. Name of work, Tender No and Name of Bidder .

**Signature of bidder  
Name :**

  
**Hemant Kumar ,  
Estate Manager, IDSA**      17/9/19

**Company seal  
Date**



**General terms and Conditions**

1. **Time Schedule:** The work shall be completed within 120 days from the date of placing of order. A sum of Rs 500 per day will be charged for delay in completion of work. Decision of Estate Manager, in this regard shall be final and binding.

2. **Execution of Work:** The materials/chemicals used and /or incorporated into the work shall be and strictly conforming to specifications, as per latest **Indian Standard code of practice for Anti termite measure in building (IS 6313 part 3)**. The job work shall be executed in best workman like manner, to the entire satisfaction of the Estate Manager.

3. **Unit Price:** Unit rates quoted as per scope of work for the work shall be deemed to include all material, chemical, labour, tools and accessories, as required for proper execution of work complete in all respects. Any missing minor details which are not spelt out in the description of items but are required for proper completion of job work, shall be deemed to have been taken into account in the quoted rates. The rates shall also include for all taxes (except GST), transportation etc. including price escalations, contractor's overheads and profits. Nothing extra shall be admissible on any such account.

4. **Earnest Money Deposit:** Bidders are required to submit Earnest Money Deposit (EMD) along with their bids. While submitting the bid, the vendor shall deposit Earnest Money of **Rs. 5000/-** by demand draft / PO favoring "**IDSA**" payable at **New Delhi**. No other mode of remittance shall be accepted. EMD is to remain valid for a period of 90 days beyond last date of the final bid . EMD of the unsuccessful bidders will be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30th day after the award of the contract without any interest. The EMD of the successful bidder would be returned, without any interest whatsoever, after the receipt of Performance Security from them as called for in the contract. EMD is not required to be submitted by those Bidders who are registered MSME, etc. The EMD will be forfeited if the bidder withdraws or amends, impairs or derogates from the tender in any respect within the validity period of their tender. The bidders found without EMD are liable for outright rejection.

5. **SECURITY DEPOSIT** : On receipt of the Letter of intent (LOI), the successful bidder shall furnish 10% of the contract value as security deposit in accordance with the conditions of contract and as acceptable to the Institute, which may be furnished in the form of Fixed Deposit Receipt from Nationalized Bank in favour of IDSA. The Security deposit should be valid for a period of Sixty days beyond the date of completion of all contractual obligations of the contract including completion of defect liability period or warranty.

6. **Penalty Clause:** Penalty shall be imposed on contractor for not following the frequency of service or as and when defect occurs during the defect liability period. Penalty for such incident is tabulated below:-

SL No	Nature of Error	Minimum penalty by the Deptt.
(i)	For not attending Complaint	Rs. 150/- per day per default
(ii)	Causing damage to IDSA property	Equaling to the value of the damaged property

Further, IDSA reserve the right to execute the work from market at the cost of bidder , in case firm does not respond , and the cost shall be deducted from withheld Security Deposit.

7. **Delivery of Materials/Items and Completion:** Inspection of the finished work will be carried out by the representative of IDSA. Delivery challans shall be got signed by the user's/Unit's representative(s) in token of having received the item/material and submitted to Estate Manager , along with claims for payments/bills by the suppliers/agencies. The work shall be completed to the entire satisfaction of the Estate Manager. On completion of the work, the contractor shall inform the Estate Manager in writing with the date of physical completion of work for final approval for issue of completion certificate.

8. **Defect Liability:** The work completed shall have defect liability period of 36 months from the certified date of completion. The contractor shall re-do the work, wherein defects have developed during this period under the direction of the Estate Manager, at no extra cost. The contractor shall also submit scheduled visits (Month wise) for inspection at contractor's end during the warranty period. A service contract shall also be signed before the award of work is issued.

9. **SUBMISSION OF TENDER:** The technical Bid and the Price Bid shall have to be submitted online at <https://www.mstcecommerce.com/eprochome/mstc> tenders will be opened electronically on specified date and time as given in the NIT. All entries in the tender should be entered in online Technical & price bid Formats without any ambiguity.

10. **OPENING OF TENDERS:** Bids will be opened online by the committee constituted by the Institute . All qualified Tenderers will be informed in advance the date of opening of financial bids in presence of their representative(s), if they wish to be present.



11. Scope of work: Scope of work covers following area which is tabulated below:-

SLNo.	Area/Flats	Qty.	Area in Sqm/Unit
(i)	Director General's(DG) Residence	01	347
(ii)	1 BHK	28 (A Block & STA)	50
(iii)	1 BHK	04 ( C Block)	39
(iv)	2 BHK	32 (A ,B Block & STA)	112
(v)	3 BHK	08 -A & B Block	138
(vi)	Parking area of A,B,C Block including DG's Residence ,Scholars Transit Accommodation(STA) area	-	As per site
(vii)	Garden area	-	As per site

**Any Other area (In Residential area ) which deemed to be necessary to complete the operation including Pump House, staircase ,shafts , corridors , roof tops etc.**

12. Upon acceptance of the quote, no subletting/transfer would be allowed by the Contractor

13. Payment Terms: 90% payment will be released after satisfactory completion of 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 flat. The balance payment of 10% shall be released after 6 months of completion of work subject to satisfactory performance.

**14. 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.

**15. Eligibility:**

- (i) Bidder should have experience of at least five years in this field.
- (ii) Firm should have valid license for carryout such works or Registered with any Government organization /Autonomous body or should have undertaken in field of pest control. Upload documentary proof.
- (iii) GST No & PAN, Upload documentary proof.

(iv) Copies of Experience Certificate for similar type of works and at least one work completed for 3 lakhs or more with one organization/Institute/Department.

(v) 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.

vi) 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 and uploaded on e-portal.

vii) 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 **30.09.2019**. IDSA reserves the right to cross check the documents from the issuing department/ company.

viii) **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 and uploaded on e-portal.

16. **Methodology for Anti -Termite Treatment:** Anti -Termite treatment shall covers measures for the total eradication and control of termites in residential complex. The chemicals as well as procedure shall conform to **Indian Standard code of practice for Anti termite measures in buildings (IS 6313 part 3)**.

17. **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) **Soil Treatment:** The application of chemicals (toxicant) to the soil adjacent to and under a building to form a chemical barrier which is lethal or repellent to termites.

(ii) **Wood Treatment:** The application of chemical termiticides to woodwork and wood-based materials to eliminate existing termite infestation and to make it resistant to termite attack for the future.

(iii) **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/m<sup>2</sup> 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 sodk the soil below at a rate of 2.25 litres per linear metre.

**(iv) Treatment at points of contact of woodwork:** All existing woodwork in the building which is in contact with the floor or walls and which is in contact with the floor or walls and which is infested by termites, shall be treated by spraying at the points of contacts with the adjoining masonry with the chemical emulsion of concentration by drilling 6 mm holes at a downward angle of about 45° at the junction of woodwork and masonry and squirting chemical emulsion into these holes till refusal or to a maximum of half a litre per hole. The treated holes shall than be sealed.

**(v) 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.

**18. 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

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 Chlorpyriphos/Lindane (in oil or kerosene based solution) @ 0.5 ltrs. per hole by drilling 6 mm holes at downward angle of 45 degree 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 Chlorpyriphos / Lindane E.C.20% with 1% concentration.

**19. 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 becoming contaminated.

**Contractor is fully responsible for any eventuality occurs to his workmen during execution of work.**

**20. Dispute Resolution:** Disputes, if any with regard to the interpretation, execution and /or implementation of these terms and conditions shall vest exclusively in the Director General, IDSA whose decision shall be final and binding upon the parties. Disputes, if any with regard to the decision of the Director General, IDSA in the regard, shall be referred to Arbitration at the hands of a sole Arbitrator to be appointed by IDSA shall all proceedings in this regard shall be subject to the sole and exclusive jurisdiction of Courts of Courts of competent jurisdiction at New Delhi.

20.1 Upon acceptance of the bid, no sub-letting/transfer would be allowed by the Operator except with the prior written permission of the Director General, IDSA.

21. Standard force-majeure conditions would apply.



### **Additional Terms & Conditions**

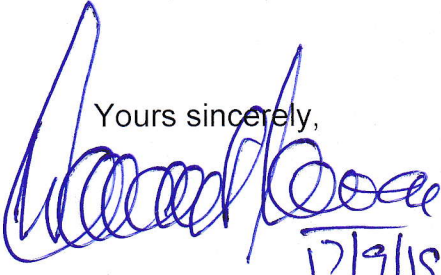
- (A) Tenderer shall to quote the consolidated rates for anti-termite treatment.
- (B) The firm shall make his own arrangement for transportation of personnel, materials etc.at his own cost and expenses.
- (C) The firm shall ensure that there should not be recurrence of the problem during the period of 03 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.
- (D) The timing and deployment of worker would be according to the time suited to residents.
- (E) The contractor should have professional trained personnel to carry out the pesticide treatment.
- (F) 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.
- (G) If any complaint is received from the resident feels that the treatment is not satisfactory then they 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.
- (H) The Institute reserves the right to terminate the work order any time without assigning any reason therefor.
- (I) 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.
- (J) The contractor shall not appoint any sub-contractor for the work under any circumstances.
- (K) All the T& P is to be arranged by Contractor and nothing extra shall be paid on this account
- (L) All the labour bye laws & regulations are to be followed by the contractor.
- (M) The contractor shall make his own arrangement for making electric connections to equipment like drill machine etc. If any.

- (N) The Contractor shall be bound to follow the restrictions on the movement of labour, at IDSA campus due to security or any other reason(s). No Claim shall be entertained on this account.
- (O) 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.
- (P) The contractor shall personally 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.
- (Q) The rate quoted by the contractor shall include with all lead lift height and nothing extra shall be paid.
- (R) TDS and GST will be deducted as per applicable rules.
- (S) The contractor shall be fully responsible for safe custody of the material even if the materials are under double lock system.
- (T) Quantity can be increased or decreased depending upon site conditions.
- (U) Standard force-majeure conditions would be applied.
- (V) Contractors are advised to Visit the site before quoting. After opening the bids no excuse will be entertained with regards to site conditions, security restrictions, etc.
- (W) Contractor will have to submit/upload unconditional acceptance to the above terms and conditions at the time of submission of the tender.

*Director General, IDSA reserves the right to accept or reject the lowest or any offer or all offers without assigning any reasons thereto.*

Please acknowledge.

Yours sincerely,



17/9/19

(Hemant Kumar)  
Estate Manager.



**Form of Quotation**

**(Note: the appendix forms the part of the Quotation )**

To,

**IDSA  
No 1, Development Enclave  
Rao Tularam Marg, New Delhi-110010.**

Sir,

**Name of work : ANTI-TERMITE TREATMENT IN RESIDENTIAL COMPLEX**

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 .....

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

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

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

Signature of Tenderer  
With Seal

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