

**Tender**  
**For**  
**Pest Control Measures**  
**At**

**All India Institute of Medical Sciences, Jodhpur**

NIT No. : Admn/Tender/08/2022-AIIMS.JDH  
NIT Issue Date : 08<sup>th</sup> December 2022  
Pre Bid Meeting : 19<sup>th</sup> December 2022 at 03:00 PM  
Last Date of Submission : 09<sup>th</sup> January 2023 at 03:00 PM  
Bid opening : 10<sup>th</sup> January 2023 at 03:00 PM

Tender documents may be downloaded from institute's web site [www.aiimsjodhpur.edu.in](http://www.aiimsjodhpur.edu.in)  
(for reference only) and CPPP site <https://eprocure.gov.in/eprocure/app>



**All India Institute of Medical Sciences, Jodhpur**

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email: [procurement@aiimsjodhpur.edu.in](mailto:procurement@aiimsjodhpur.edu.in), [www.aiimsjodhpur.edu.in](http://www.aiimsjodhpur.edu.in)

All India Institute of Medical Sciences (AIIMS), Jodhpur, Rajasthan, an apex healthcare institute being established by Parliament of India under aegis of Ministry of Health & Family Welfare, Government of India, invites sealed tenders for Pest Control Measures at AIIMS Jodhpur. You are requested to quote your best offer along with the complete details of specifications, terms & conditions.

### **Instructions**

1. **Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>.**
2. The complete bidding process is online. Bidders should be in possession of a valid digital Signature Certificate (DSC) of class II or III for online submission of bids. Prior to bidding, the DSC needs to be registered on the website mentioned above. For any assistance for the e-bidding process, if required, the bidder may contact the helpdesk at 0291-2740741.
3. **Tenderer/Contractor/Bidders are advised to follow the instructions provided in the ‘Instructions to the Contractors/Tenderer/Bidders for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>’.**
4. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing the size of the scanned document.
5. **EMD Payment:-NIL**
6. **Submission of Tender:**  
The tender shall be submitted online in two parts, viz., technical bid and financial bid. All the pages of the bid being submitted must be signed and sequentially numbered by the bidder irrespective of the nature of the content of the documents before uploading.  
**The offers submitted by Telegram/Fax/email shall not be considered. No correspondence will be entertained in this matter.**
  - i) **Technical Bid**  
The following documents are to be furnished by the Contractor along with **Technical Bid** as per the tender document:
    - a) Signed and scanned copy of appropriate value of valid registration certificate (if any), experience certificate as per the tender notice, PAN, GST registration certificate and Tender Acceptance Letter.
    - b) Signed and Scanned Copy of Make and model of all systems, sub systems and additional items should be mentioned in the technical bid and complete technical details should be provided in the form of Brochures and write-ups.
  - ii) **Financial Bid –**  
**Bidder must submit financial bid in .xls (Excel workbook 97-2003 workbook) only.**

**Terms & Conditions:****7. GENERAL CONDITIONS: -**

- 1.** Pre-bid meeting shall be held in the AIIMS Jodhpur to clarify any queries of the tenderer on **19<sup>th</sup> December 2022 at 03:00 PM.**
- 2. Period of Contract:** The contract period shall commence on the date of Commencement and shall remain for 1 year. The period is further extendable for a maximum period of 2 years (1 year at a time) on the same terms and conditions and the rates at which the contract is awarded will be valid throughout the contract. No claims whatsoever on account of increase in the rate of material to be used and other factors such as statutory payments, etc., shall be entertained and it will be the responsibility of the contractor to bear such other expenses. However, if there is any downward revision of all the rates due to revision of govt. taxes etc. or any other reasons, the same shall be passed on to the AIIMS Jodhpur through appropriate reduction of the contracted rates.
- 3.** All the Technical Bids will be scrutinized, by the evaluation committee constituted by the Director to check all relevant documents for their authenticity and the Tenderer whose Technical tenders are accepted will be informed about the date and time for opening the Financial Bids.
- 4.** The technically qualified Bidder who submits the lowest financial bid amount shall be declared as successful bidder (L1) and communication to that effect shall be made subject to approval and as decided by the Competent Authority.
- 5.** A formal contract shall be entered into with the successful tenderer. In this contract, the successful tenderer shall be defined as contractor.
- 6.** As a guarantee towards due performance and compliance of the contract work, the successful bidder (contractor) will deposit an amount equal to 3% of Annual contract value including GST and should be kept valid for a period of 60 day beyond completion of all the contractual obligation, towards security deposit by way of demand draft/ bank Guarantee in favour of "All India Institute of Medical Sciences, Jodhpur "drawn on any Nationalized Bank/Scheduled Bank and payable at Jodhpur within fifteen days of the issue of the Letter of notification of award along with non-judicial stamp paper of Rs. 500/- (Contract agreement).
- 7.** The successful Tenderer will have to deposit the Bank Guarantee or FDR and commence the work within 15 days of issue of work order otherwise the contract may be cancelled and EMD will be forfeited.
- 8.** Each page of the tender documents and papers submitted along with should be numbered, signed and stamped by the authorized signatory in acceptance of the terms and conditions laid down by the AIIMS Jodhpur.
- 9.** The Director, AIIMS, Jodhpur reserves the right to withdraw/relax/modify any of the terms and conditions mentioned in the tender document if it is felt necessary in the benefit of the Institute.
- 10.** The Director, AIIMS, Jodhpur reserves the right to reject all or any tender in whole, or in part, without assigning any reasons thereof.
- 11.** Intending tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders to the nature of the site. The nature of the site, the

means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstance which may influence or effect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. Submission of tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done.

12. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate put forth by the tenderer shall be summarily rejected.

13. The contractor shall bear the cost, if required, for necessary insurance cover in respect of staff and other personnel to be employed or engaged by him in connection with the afore mentioned services to AIIMS, Jodhpur. He shall assure AIIMS, Jodhpur against all acts of omissions, fault, breaches and or any claim or demand, loss injury and expenses to which AIIMS, Jodhpur may be party or involved because of the contractor failure to comply and of the obligation under the relevant act law, which the contractor is to follow.

14. The successful bidder/contractor will be required to enter into an Agreement/ Contract.

15. The services will be provided to the Institute at the fixed rate.

18. The contractor will furnish & submit the details list of employees who will be deputed to this hospital for the job.

8. **Scope of Work:**

- a) The tenderer shall require to carry out regular and periodical pest control measures for entire premises of AIIMS, Jodhpur (Residential Complex, Staff Quarters, Hostels, Medical College, Hospital Building, all the open areas etc.)
- b) The tenderer shall carry out the Regular and periodical preventive services and all urgent calls as and when warranted under the service Contract, at the approved rates only. The tenderer shall also furnish the 24 HRS Helpline telephone numbers, besides Mobile numbers of staff to be deployed and e-mail address, on which they can be contracted if needed at odd hours for any repair/maintenance jobs.
- c) The Tenderer should quote rates for Disinfestations, control and treatment of General Pest & GEL Treatment for cockroaches, bed bugs, bat, ply, rat etc. & Termites control, in the entire area of the hospital, word/offices as per the enclosed schedule. In this Contract, tenderer must specify, if there is any exception in their Contract rates & rates for these things to be mentioned in the tender documents & it should be valid for the contract period i.e. one year.
- d) General Pest Control/anti rodent/Anti Termite which means eradication of Cockroaches, Mosquitoes, Files, Lizards, Termite, rats etc. through the use of permitted insecticides as per Government of India and WHO norms. The pest control should cover all the reachable places like space under the tables, chairs, almirahs, on and around the pile of files, wooden furniture, false ceiling, all staircases, lift lobby, on all toilets drain ducts, on all pantry rooms, in all stores and any hidden space under the furniture etc. and should leave no space unattended.

- e) Specification and make/quality of chemical/pesticides shall be clearly spelt in the offer/tender, and it should be certified by WHO Pesticide evaluation scheme (WHOPES) for public health utilization and approval with BIS certification. The tenderer should submit the name of the principal of authorized distributor, from where these chemical/pesticides will be procured by them. No. chemical/pesticides will be used after its expiry date and it will be subject to quality approvals at the time of use/spraying.
9. (a) If the area covered under this service contract is not provided pest control services for more than one week, the contract fee will be deducted for this period, the amount of penalty would be Rs. 500/- per day per complaint for the period of delay in excess of 24 hours, besides that any other administrative action will be imitated as deem fit.
- (b) It will be imperative for the firm to do attend the urgent calls within 72 hours from the time of informed received by the company by any means of communication including telephone.
10. The entire job shall be attended on site only, no items, beds/diwan/sofa sets etc. will be taken for pest/termites/bed bug treatment outside AIIMS campus.
11. The special Chemical/pesticides required for pest control services, if any, during the course of contract, will be arranged by the tenderer himself at its own cost.
12. The contract holder shall provide one preventive service call every month for General Pest Control & GEL Treatment in the all the department/wards/OTs/ICU/offices etc., besides attending to all urgent calls as and when warranted. In case of unsatisfactory services, the AIIMS, Jodhpur reserves the right to debar the firm from awarding further tender for the next **five years in AIIMS, Jodhpur**.
13. Rodent Control: Rodent controlling should be done as per orders and instruction on the subject.
14. Tenderer must ensure that the pest control once done shall remain effective up to next pest control; failing which it shall have to be done again without any cost.
15. The contractor shall deploy qualified and experienced staff to attend the work in times as per the requirement, they should carry Identification Card issued by the contact holder, and any change of the staff due to attrition in the company is to informed to the Deputy Director (Admin), AIIMS Jodhpur.
16. No additional payment shall be made if more staff needed at site for completing the urgent work under contract. The representative of the firm should bring their identity cards while attending to the pest control service in hospital/wards/various department.
17. The contractor should provide special care of pest control services during the rainy/mosquito breeding season or any event of unexpected Emergency.
18. All the termites job carried out by the tenderer shall have a guarantee of twelve months from the date completion.
19. The tenderer shall quote lowest rate only, and in case they are charging still lower in other govt. department/ Hospital, this hospital shall have the right to award contract at the similar lowest rates only. The tenderer shall quote a certificate to the effect on all their bills.

**20. Safety precautions:**

- a. It is the responsibility of the CONTRACT HOLDER that the services of pest control is user friendly i.e. there should not be any danger poisoning/terrible smell/infection which may cause any disease/untoward to the patient or health care provider.
- b. AIIMS, Jodhpur will not be under any liability to pay any compensation to the persons deployed by the contractor if they sustain any injury etc., while discharging the duties in the premises. The contractor shall get those insured against any liability under the Employee Compensation Act or any accident at its own cost and should be responsible for the safety of shall be made good by the tenderer. The contractor shall be responsible, for any poisoning or untoward reaction due to poor quality/incorrect/outdated pesticides/chemicals used by your firm during spraying, as per the law of state for the same.
- c. Smoking, chewing pan, consumption of Gutkha, tobacco, alcohol, any other drugs banned by Government of India are prohibited in the premises of hospital/Equipment installed.
- d. No unauthorized person should be allowed in the premises of the hospital/wards

**21. QUALIFYING REQUIREMENTS:-**

- 1) The Tenderer shall have at least three years of similar job experience for the similar type of work in the hospitals/health care centers and should enclosed documentary evidence to this effect from any recognized Hospital/Department/Government/Semi-Govt. Organizations.
- 2) The Tenderer shall furnish a non-blacklisting/non-debarring certificate that the firm has not been blacklisted in the past by any Government/Private institutions. **The tenderer and supplier has to give an affidavit on non-judicial stamp paper of Rs 10-duly attested by notary that there is no vigilance/CBI case pending against the firm/supplier and the firm has not been blacklisted /debarred in the past by any Government or Private Organizations.**
- 3) Min. turnover of firm should not be less than Rs. 15 lakhs during last financial year 2021-2022.
- 4) The firm should have valid license (renewed every year) for executing pest control operation and issued by plant protection officer of Rajasthan state under ministry of agriculture.
- 5) If the supplier/contractor fails to complete the work, within due dates, the supplier shall pay or allow to the AIIMS 0.5% per week of the monthly contract value subject to maximum 10 percent of the monthly contract value.
- 6) The firm should be maintaining Pest Control Services in any Central/State Govt. Dept., PSU's, Autonomous Bodies, Large Industrial/ Educational Campus/ corporate Super Specialty Hospitals
- 7) The bidder must have adequate experience of execution of similar work in Central/State Govt. Dept., PSU's, Autonomous Bodies, Large Industrial/Educational Campus/corporate Super Specialty Hospitals. Necessary supporting documents like work orders, work completion certificate, payment certificate etc. for last three years to this effect must be submitted along with the offer.
- 8) Preference will be given to the firm registered with Govt. agencies for particular work. They shall produce its certificate and the period of its validity.
- 9) The tenderer should have qualified technical personnel to handle the equipment quoted and shall provide a list of service Engineers with the copy of Identity Cards, who will be deputed for the maintenance job, clearly mentioning their technical qualification and experience.



- 10) The Contractor shall furnish the names, permanent & local addresses and Police Verification Report, of the Pest Control Workers being posted at AIIMS, Jodhpur premises along with their latest Photographs.
- 11) The agency shall be absolutely responsible for the payment of salary, and all other statutory obligations for the workers employed on account of satiety/wages bonus, arrears, employment, termination benefit, compensation or other claim whatever and the AIIMS, Jodhpur has no connection in relation to such matters.

## 22. LEGAL TERMS AND CONDITIONS :-

1. The Tenderer and his staff shall abide by various rules and regulations of AIIMS, JODHPUR as prevalent from time to time.
2. The Tenderer shall comply with all existing labour legislations and Acts, Provisions, such as Contract Labour Regulation Act, Workmen's' Compensation Act, Minimum Wages Act, Payment of Wages Act, Provident Fund Act, ESI Act, etc. For any lapse or breach on the part of the Tenderer in respect of non-compliance of any labour legislation in force during the validity of the contract, the Tenderer would be fully responsible and would indemnify the Institute, in case the Institute is held liable for the lapse if any, in this regard.
3. The Tenderer shall submit to AIIMS, JODHPUR a list of all workers engaged to carry out the Pest Control work, indicating name, age, home address, qualifications, etc, and would intimate as and when any change takes place. The Tenderer shall not at any time engage any minor to carry out the work under the contract.
4. AIIMS, JODHPUR would have the right to terminate the contract without notice before the expiry of the term, in case the work performance is not up to the standard, or in case there is any violation of AIIMS, JODHPUR rules & regulations, or if there is any lapse in compliance of any labour legislation, or if there is any incident of indiscipline on the part of the Tenderer or his staff. The decision of AIIMS, JODHPUR's management in this regard would be final and binding on the Tenderer. In such an event, AIIMS, JODHPUR shall have the right to engage any other tenderer to carry out the task.
5. The Tenderer and his staff shall comply with all instructions and directions of the AIIMS, JODHPUR authorities given from time to time. In the event of any emergent situation, the staff of the Tenderer shall comply with instructions given by the AIIMS, JODHPUR authorities, without waiting for confirmation by the Tenderer.
6. All the workers engaged by the Tenderer for carrying out tasks under this contract, shall be deemed to be the employees of the Tenderer only. The tenderer shall be solely responsible for their wages, fringe benefits, conduct, duty roster, leave-records, relievers, etc. The tenderer shall also provide its Workers photo-identity cards which shall be checked by the AIIMS, JODHPUR, as and when necessary.
7. The successful vendor shall maintain a complaint book in a prominent place in the premises and in such a way that it is easily accessible to any person who wishes to record any complaint and the said book shall be open for inspection by the concerned officer of AIIMS, Jodhpur.
8. Noncompliance of any terms and conditions enumerated in the contract shall be treated as breach of contract.
9. The contractor shall ensure that the person deployed are disciplined and conduct in office premises,

be best suitable and is entailed on enforce in prohibition of consumption of alcoholic drinks, paan, smoking, loitering without work and engaging in gambling, satta or any immoral act.

10. **Dispute Settlement:** - It is mutually agreed that all differences and disputes arising out of or in connection with this agreements shall be settled by mutual discussions and negotiations. If such disputes and differences cannot be settled and resolved by discussions and negotiations then the same shall be referred to the sole Arbitrator appointed by the Director, AIIMS, JODHPUR whose decision shall be final and binding on both the parties.
11. **Validity:** The quoted rates must be valid for a period for 180 days from the date of closing of the tender. The overall offer for the assignment and bidder(s) quoted price shall remain unchanged during the period of validity. If the bidder quoted the validity shorter than the required period, the same will be treated as unresponsive and it may be rejected.
12. **Authority of person signing document:** - A person signing the tender form or any documents forming part of the contract on behalf of another shall be deemed to warranty, that he has authority to bind such other and if, on enquiry, it appears that the person so, signing had no authority to do so, the AIIMS, Jodhpur may without prejudice to other Civil and criminal remedies cancel contract and held the signatory liable for all cost and damages.
13. In case the tenderer withdraws, modifies or change his offer during the validity period, bid is liable to be rejected and the earnest money deposit shall be forfeited without assigning any reason thereof. The tenderer should also be ready to extend the validity, if required, without changing any terms, conditions etc. of their original tender.
14. **Subletting of Work:** The firm shall not assign or sublet the work/job or any part of it to any other person or party without having first obtained permission in writing of AIIMS, Jodhpur, which will be at liberty to refuse if thinks fit. The tender is not transferable. One tenderer shall submit only one tender.
15. **Breach of Terms and Conditions:** In case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to cancel the work order/ job without assigning any reason thereof and nothing will be payable by AIIMS, Jodhpur in that event the security deposit shall also stands forfeited.
16. **Insolvency etc.:** In the event of the firm being adjudged insolvent or having a receiver appointed for it by a court or any other order under the Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for winding up, whether voluntary or otherwise, or in the event of the firm failing to comply with any of the conditions herein specified AIIMS, Jodhpur shall have the power to terminate the contract without any prior notice.
17. The AIIMS Jodhpur, reserves the right to review the performance of the firm every three months or whenever needed, and to terminate the contract at any point of time during the currency of the contract in case of performance and the service rendered by the contract firm is found to be unsatisfactory. The decision of the competent authority shall be binding on the contract firm. The AIIMS Jodhpur further reserves the right to renew the contract the such period(s) as it may deem necessary, taking into account the satisfactory performance of the firm during the currency of the contract.
18. **Arbitration:** The Arbitration shall be held in accordance with the provision of the Arbitration and conciliations Act, 1996 and the venue of arbitration shall be at Jodhpur. The decision of the Arbitrator shall be final and binding on the both parties.



**19. Payment Terms:**

- Payment to the successful bidder shall be released on monthly basis on submission of Log Book for the services rendered in the particular quarter.
- The firm should provide purchase proof of chemicals with the bill (Either purchased from manufacturer or from their authorized stockiest) & test report copy of all batches of chemicals, WHO certificate, BIS/ISI specification and MSDS of all chemicals using in this hospital to maintain quality and genuineness of chemicals being used. The hospital reserve right to send the sample/chemical which is being used by the firm, for testing in the approved Labs.
- No advance payment will be done by the Director, AIIMS, Jodhpur.

20. **Breach of Terms and Conditions:** In Case of breach of any terms and conditions as mentioned above, the Competent Authority, will have the right to reject the bid at any stage without assigning any reason thereof and nothing will be payable by AIIMS, Jodhpur in that event the EMD shall also stands forfeited.

21. The rate should be quoted, unit wise, individually both in figures and in words for disinfection and control activities at AIIMS, Jodhpur. Taxes, if any payable extra should be mentioned in the tender, failing which such claims will not be entertained. Any corrections in the tender should be attested.

22. The Income-tax as applicable shall be deducted from the bill unless exempted by the Income-tax Department.

23. Bidder shall submit a copy of the tender document and addendum/corrigendum thereto, if any, with each page of this document should be signed and stamped to confirm the acceptance of the entire terms & conditions as mentioned in the tender enquiry document.

24. After due evaluation of the bid(s) AIIMS, Jodhpur will award the contract to the lowest evaluated responsive tenderer. Conditional bid will be treated as unresponsive and will be rejected.

25. The tenderer should take care that the rates and amount written in a such a way that interpolation is not possible, no blanks should be left, which would otherwise the tender liable for rejection.

26. **Legal Jurisdiction:** Any disputes are subject to exclusive jurisdiction of competent court and forum in Jodhpur, Rajasthan, India only.

**27. Applicable Law:**

- The contract shall be governed by the laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings / processing.
- The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Jodhpur. The decision of the Arbitrator shall be final and binding on both the parties.

**Deputy Director (Admin)**  
**AIIMS, Jodhpur**

**Annexure – I****Technical Bid**

Having read and accepted all terms and condition in the tender document we submit the details for Pest Control Measures as follows:-

1	Name and address of the Registered office of the agency/ firm	
2	Name of the owner(s) Partners (Attach Bio-data of all Partners)	
	Telephone no.	
	Residence	
	Office	
	Mobile	
3	List of Organizations/office, where firm is presently providing Pest Control Measures services (Mention)	
4	Whether the firm/ agency is registered, attached copy of the certificate of registration	
5	GST Number	
6	PAN	
7	Details of the Similar work which have done by the contractor or in under process (please attach proof)	
8	Please attach copies of the audited balance sheets/ Profit & Loss accounts for F.Y 2019-20, 2020-21 and 2021-22.	

Name: - .....

Address: - .....

Phone No: - .....

Email: - .....

Seal: - .....

Place:- .....

Date :- .....

**Details of Area****Part A: Pest Control in whole campus.**

General pest and Rodent control- Disinfection shall be done using reputed brand marked ISI spraying the entire premises of AIIMS Hospital and surrounding with special reference to kitchen, pantries, toilets, drainage, sewer, furniture & fixture by utilizing appropriate quality and quantity of chemical/pesticides which should cover complete extradition of all kind of flying and crawling insects, beetles-pests such as mosquitoes, carpets moths, silver fish, cockroaches, lizards, bugs and removal of honey bee hives etc. Rodent treatment against rat and mice is to be carried out through trapping & baiting methods by using tracking power as per latest ISI specifications. The chemical should be branded ISI marked products of a company.

**Part B: Gel Treatment for cockroaches.****Part C: Anti- Mosquito fogging in the hospital.**

Fogging by machine for mosquito control in the whole campus.

**Part D: Termites control in the hospital.**

Anti Termite (White Ants treatment) with guarantee Anti Treatment shall be done by using reputed brands as per latest ISI specifications. Application by spraying digging plinth/floor, injection holes and cavities in the wall and furniture`s along with fixture after keen observation of spots of termite attack & closing of holes cavities may be ensured in all the furniture in the premises of this office.

**Note:-**

1. Contract shall include complete Termites & pest control service including Rodent control etc. with appropriate BSI Mark/ recommended chemicals treatment once in a week. Catching & Disposing of Rats will be the sole responsibility of the tenderer. They shall also specify clearly the name/ details of disinfectants/ material to be used by them.
2. Bidder shall give Termite rate separately.
3. Service should be provided every week in each area besides attending to specific complaints as and when warranted. The pest control & termites control should be done in afternoon or as the requirement of the department. Pest control service/Gel Treatment to be done weekly basis.
4. The firm should depute sufficient personnel/ workers daily in hospital for the pest control services in the premises of the hospital.
5. Rate shall be quoted against each item on this form or on the letterhead of the firm by typing only and submitted; no overwriting and fluid will be allowed.

**Annexure – II****List of Chemicals:**

All the Chemicals used should be certified by WHO under **WHO Pesticide Evaluation Scheme (WHOPES)** for public health utilization and approval with BIS certification mentioned in the table below. It shall be used in recommended doses as per guidelines. Alternate Chemical to be used in lieu interspersed with the principal use chemical to prevent development of resistance.

Sr.	Nomenclature of principal use Chemical with concentration	Mode of dilution and application	Antidote	Nomenclature of Alternate Chemical with concentration	Mode of dilution and application	Antidote
1.	Synthetic Pyrethroid 10% WP (i.e. Cyfluthrin 10 WP/Bi-fenthrin 10% WP/Lambda Cyhalothrin 10 WP) [WHOPES certificate for public health use]	surface treatment	MSDS to be submitted	Carbamate group Propoxur 20% EC (BIS certified)	Water soluble and surface treatment	MSDS to be submitted
2.	Synthetic Pyrethroid (i.e. Cyfluthrin 5% EW/Beta Cyfluthrin 2.45 SC/Lambda Cyhalothrin 2.45 CS/Deltamethrin 2.5 SC) [WHOPES certificate for public health use]	Water soluble and surface treatment	MSDS to be submitted	Carbamate group Propoxur 20% EC (BIS certified)	Water soluble and surface treatment	MSDS to be submitted
3.	Imidacloprid 2.15% gel (CIB Registered)	Spot on drop/gel treatment	MSDS to be submitted	Fipronil 0.03/0.05% gel (CIB Registered)	Spot on drop/gel treatment	MSDS to be submitted
4.	Bromodiolone 0.005 redy bait for rodent (BIS certified)	Wax block	MSDS to be submitted	Bromodiolone 0.075CB (BIS certified)	Powder	MSDS to be submitted
5.	Imidacloprid 30.5% SC (CIB Registered)	Water soluble for termite treatment	MSDS to be submitted	Chlopyriphos 20% EC (BIS certified)	Water/Oil soluble for termite	MSDS to be submitted

(WHOPES-World Health Organization Pesticide Evaluation Scheme, CIB- Central Insecticide Board, BIS-Bureau of Indian Standards)

Further the vendor will keep small stock of the antidote (within their expiry dates), in the hospital premises for use in case of any exigencies. In addition, no open baiting will be used and only enclosed means will be used. The hospital will provide an area for safe keeping of these chemicals.

**Vendor/Pest Control Operator:**

- a) The firm should have PF, ESI documents as well as accidental insurance of all pest control operators and supervisor. The approved vendor will have to provide all documents of all pest control operators and supervisor, in this regard.
- b) The firm should adhere to Minimum Wages Act as prescribed by labour dept./ministry and proof of which should be produced along with operators/workers signatures. The approved vendor will have to submit an undertaking, in this regard.

**Annexure – III****Performance evaluation:**

The performance evaluation will be done on the basis of parameters as illustrated in matrix given below and will be the basis for the penalty clauses.

## a) Evaluation of the area.

S.No	Evaluation parameter	Yes	No
1	Applying chemicals as per schedule		
2	Attend emergency calls whenever required within 24 hrs of intimation		

Remarks: - A leniency for up-to 5% of adverse comments of the total entry comments from all areas on these two domains will be tolerated. Any number more than that will result in penalization of the entire adverse comments being charged at the rate of Rs 1000/- per adverse comment.

## b) Pest Control Evaluation (Rating will be done by the user area representative)

S.No	Pest Involved	Good Control	Average Control	Poor Control
1	Rat			
2	Cockroach			
3	Mosquito			
4	Flies			
5	Bed Bug			
6	Termite			

Remarks: The reports of “poor control” only will be considered for this penalty. The performance of the selected vendor must not fall below 95% under any circumstances in the pest control evaluation reports as given below. In case it falls short of the benchmark, imposition of penalty shall be made in proportion with the percentage of defaults. For example if there are 10 user areas then there will be a total of 60 entries. Hence the tolerable maximum limit for poor entries/remarks is 3 poor reports. if the total poor comment number is more than 3, say for e.g. 5, then 8% of total entries fall under poor group. In the example of 10 areas and hence the penalty will be imposed on all 5 entries i.e. 8% from the total monthly bill (subject to maximum 10 percent of the monthly contract value).

(Deduction on account of laxity of operation at ‘para a’ will be added to the penalty illustrated at ‘para b’ and deducted from monthly bill.



**Annexure – IV****WHO recommended insecticides for indoor residual spraying.**

Insecticide compounds and formulations	Class group	Dosage (g a.i./m <sup>2</sup> )	Mode of action	Duration of effective action (months)
Malathion WP	OP	2	contact	02 to 03
Fenitrothion WP	OP	2	contact & airborne	03 to 06
Pirimiphos-methyl WP, EC	OP	01-Feb	contact & airborne	02 to 03
Pirimiphos-methyl CS	OP	1	contact & airborne	04 to 06
Bendiocarb WP, WP-SB	C	0.1–0.4	contact & airborne	02 to 06
Propoxur WP	C	1–2	contact & airborne	03 to 06
Alpha-cypermethrin WP, SC	PY	0.02–0.03	contact	04 to 06
Alpha-cypermethrin WG-SB	PY	0.02–0.03	contact	Up to 4
Bifenthrin WP	PY	0.025–0.05	contact	03 to 06
Cyfluthrin WP	PY	0.02–0.05	contact	03 to 06
Deltamethrin SC-PE	PY	0.02–0.025	contact	6
Deltamethrin WP, WG, WG-SB	PY	0.02–0.025	contact	03 to 06
Etofenprox WP	PY	0.1–0.3	contact	03 to 06
Lambda-cyhalothrin WP, CS	PY	0.02–0.03	contact	03 to 06

**Chlorfenapyr 240 SC:** The current assessments of Chlorfenapyr SC (class group: pyrrole) are available in the report of the 16th WHOPES Working Group meeting, 22–30 July 2013 and the report of the 17th WHOPES Working Group meeting, 15–19 September 2014 (both reports available at: <http://who.int/whopes/resources/en/>).

**Note:** WHO recommendations on the use of pesticides in public health are valid ONLY if linked to WHO specifications for their quality control. WHO specifications for public health pesticides are available on the WHO homepage on the Internet at <http://www.who.int/whopes/quality/en/>.

CS = capsule suspension; EC = emulsifiable concentrate; SC = suspension concentrate; SC-PE = polymer enhanced suspension concentrate; WG = water dispersible granules; WG-SB = water dispersible granules in sealed water soluble bags; WP = wettable powder; WP-SB = wettable powder in sealed water soluble

bags. OC = organochlorines; OP = organophosphates; C = carbamates; PY = pyrethroids.