



भारत सरकार - रेल मंत्रालय
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TESTING DIRECTORATE

Quotation Notice No. TST-I/BDL/Rodent Control

Date 27.09.2018

NOTICE FOR INVITING SEALED QUOTATION

Estimated Cost of the work- Rs. 2,06,868.00

Closing Date of submission of Quotation 12.10.2018 at 11:30 hrs.

Sub. Sealed quotation are invited for comprehensive work of Rodent control of Laboratory buildings and Pests & Rodent control of Railway Coaches of Testing Directorate, R.D.S.O. Lucknow for one year.

Testing Directorate of R.D.S.O., Manak Nagar Lucknow conducts various types of testing of rolling stock as well as components which are used in Railways. Air Brake Lab, Brake Dynamometer Lab, New Fatigue Lab, Old Fatigue Lab and Oscillograph coaches are equipped with very costly equipments along with cables, wires for data acquisition system. We are facing problems due to Rodents, Cockroaches, Bed bugs etc.

For the comprehensive work of Rodent control for four Laboratory buildings and Pests & Rodent control for twenty Railway Coaches, you are requested to submit your quotation including all taxes as per given **Annexure A** for one year as per following.

(1) SCOPE OF WORK:

(a) Pest & Rodent control in AC/Non AC coaches of Testing Directorate, RDSO.

S.No.	Description of work	No. of coaches	No. of treatment per month/coach	No. of treatments in 12 months/ coaches	Total no. of treatment in one year
1.	Pest control in coaches	20	01	12	240
2.	Rodent control in coaches	20	01	12	240
3.	Fogging of coaches	20	01	12	240

(b) Rodent control in four Laboratory buildings of Testing Directorate, RDSO.

S.No.	Description of work	Area identified in sq. meters	No. of treatment in one month	Total no. of treatment in one year
1.	Rodent control in Air Brake Lab building	296	01	12
2.	Rodent control in Brake Dynamometer Lab building	258	01	12
3.	Rodent control in New Fatigue Lab building	887	01	12
4.	Rodent control in Old Fatigue Lab building	844	01	12

(c) Work specifications and conditions for control of Pest & Rodent in coaches:

- (i) The 20 coaches can be offered for pest and Rodents control shall be available/laying at Charbagh, Lucknow Railway Station(NR/NE) yard or RDSO yard. These coaches of Testing Directorate are frequently booked out of Lucknow for running trials, so that the offered nos. of coaches may vary for scheduled pest and Rodents control and treatment will be done according to availability.
- (ii) It must be ensured that treatment/ disinfestations is carried out thoroughly in coaches, in the presence of RDSO official.
- (iii) The pest control treatment shall include Cockroaches, Bed bugs, Mosquitoes etc., while the rodent control shall include mice and other rodents etc. which cause discomfort to the travelling staff and safe guard the costly equipment along with cables, wire for data acquisition system etc.
- (iv) The pest control contractor shall be required to use only those chemicals/ pesticides that have been approved by house hold purpose by "Central Insecticides board and registration committee" under the provision of Insecticides Act 1971 framed under Insecticides Act 1968. They must however under take changes in the chemical quarterly so that insects do not acquire immunity for a particular type of chemical.
- (v) Flushing agents (ROACHEX™ /SOLFAC 050EW/DEVIKOL solution in water in the ratio 100 ml insecticide: 4.5 liters of water) will be sprayed in cracks and crevices and other vulnerable locations like sharp corners, berth fold and in toilets. 9.2 liters of solution per coach must be used to force cockroaches out in open.
- (vi) After the above doses are sprayed, each coach shall also be subjected to intensive fogging using 125 gm CANON /equivalent reputed make fogging tin. The tin shall be lighted and once it starts producing smoke and coaches shall be sealed for about an hour.
- (vii) First time 05 Nos. food based attractants Glue Boards of reputed make for trapping of Rodents shall also be placed in each coach before sealing. It shall be ensured that Rats/Rodent trapped in the Glue Boards are removed after 24 hrs. The disposal of such dead/live Rats/Rodent must not be cause any health/environmental hazard.
- (viii) The such Glue Boards must be replaced whenever they are used for trapping the rodents.
- (ix) The pest control operation should at no time violate the provisions of the insecticides Act-1968 and insecticides Rule -1971 and/or any other relevant law and rules as framed by Govt. of India, state Government or local bodies.

- (x) The pest control operations shall be done only by agencies, which have been approved by the plant protection officer of the state's agricultural department or Central insecticides Board and registration Committee (CIB&RC), Faridabad. The PPOs are available at the district/ division level.
- (xi) The pest control operator/agencies should provide an attested copy of their licence in the prescribed form with clear endorsement for permission to carry out commercial and domestic pest control. The licence should be valid for the entire duration of their contract with Railways.

(d) Work specifications for control of Rodent in Lab buildings:

Four laboratory buildings area proposed to be covered under the contract for rodent treatment as per above 1(b). The Rodent control programme in the identified area and the premises of the labs will require integrating several control methods to be implemented in a planned manner by highly trained and experienced technical person. The following methodology and guidelines should be generally be followed for rodent control in Labs.

- (i) On commencement of the contract, on the 1st day, representative of the contractor and concerned railway official shall jointly survey the joint area to locate pockets of high, medium and low density burrows and the contractor shall simultaneously plug all the burrows. The objective to this exercise is to identify and distinguish active burrow from the dormant once show as to prevent the use chemicals in excesses. Special monitoring and treatment should be carried out for the high density area/zone.
- (ii) On next day the burrows which are found open by rodents shall be termed as active burrows, shall be treated with aluminium phosphide (or equivalent) fumigant tablets and laced food attractant baits.
- (iii) All dead rat /rodents found shall be disposed off suitably on the same day by the contractor. The disposal such dead/live rats/rodents must not cause any health/ environment hazard.

The contractor will be responsible for disinfestations of the earmarked area and shall ensured to make passive the boroughs, holes, which provide shelter to rat/ mongoose/bandicoots etc. Earmarked area By the end of one month of commencement of the contract and none of these are further permitted to come up during the currency of the contract. The monthly joint evaluation of the earmarked area will be conducted by contractor and Director Testing/Labs or his authorised representative.

(2) ELIGIBILITY CRITERIA:

- (i) Contractor(s) should submit list of man power and site supervisor trained by recognised institute like CFTRI Mysore, Indian Grain Storage Institute, National Plant Protection Training Institute etc. with their offer.
- (ii) The contractor shall be industry leader possessing complete technical know-how pest control treatment including but not limited to anti cockroach treatment, anti bedbugs, anti rodent treatment and other disinfestations/pest control treatments. Proof of substantiate this shall be enclosed along with quotation.
- (iii) The contractor should provide satisfactorily evidence, acceptable to the Railways to establish that:
 - (a) He is a reputed firm /contractor who regularly under takes the works similar to the subject quotation and has adequate technical knowledge and experience.
 - (b) He has an established proper supervisory control organisation to ensure that there shall be adequate control at all stages of execution of the contract.

(2) PAYMENT TERMS:

- (i) Payment shall be made on each quarterly basis after successful completion of work.
- (ii) The bill shall be submitted by the firm in triplicate copies along with copy of PAN, all bank details etc.
- (iii) Payment shall be made for actual total number of treatments, which is carried out by the firm in said month.
- (iv) 10% amount of total contract value shall be deducted from first quarterly bill produced by the firm, and same may be paid after successfully completion of contract.
- (v) **GST:** The rates of subjected work quoted by firm should be inclusive of GST and all other Taxes. This service tax will however be reimbursed to the contractor on actual basis on submission of suitable documentary proof that the same has been deposited in Goods & Service Tax department. If the applicable GST is revised by the tax department during the contract period, Railway will reimburse on revised rates on actual basis on submission of suitable documentary proof that the same has been deposited in the Goods & Service Tax department.
- (vi) **Income Tax:** Income Tax and surcharge will be deducted at sources as per extent rule in vogue.
- (vii) **Penalties:** Railway administration may at its sole discretion, impose penalties for unsatisfactory performance. Penalties of Rs. 50.00 (Rs. fifty only) impose after two days to each coach, each building per day when the contractor does not adhere to the specified frequency of treatment or on call.

TERMS AND CONDITIONS:

- (i) All the equipment, labour and materials which would be required for above work have to be arranged by the contractor.
- (ii) Work has to be started within 15 days from the date of receipt of confirm order.
- (iii) The Railway Administration shall be at liberty at any time without giving any reason to suspend this contract on giving 7 days notice in writing to the contractor and the contractor shall not be entitled to any claim or compensation by reason thereof.
- (iv) **Sealed quotations are invite as per scope of work with other all conditions mentioned above. The quotations complete in all respects shall reach Director Testing/Labs, Room no. 05, Air Brake Lab, Testing Directorate, RDSO, Manak Nagar, Lucknow-226011, up to 11:30 hrs. on 12.10.2018. Quotations received after this time and date are liable to be rejected. All the five pages of quotation should be signed with seal before submitting.**
- (v) **Received sealed quotations will be opened on 12.10.2018 at 12:00 hrs. in Testing Directorate in the presence of such of the parties or their authorised representatives, submitting the quotations, who may like to be present.**

(Vaibhav Singh)
Director Testing/Labs

SCHEDULED OF RATE: The quoted scheduled of rate should be inclusive of all Taxes as per following format.

(A) Pest & Rodent control in AC/Non AC coaches of Testing Directorate, RDSO.

S.No.	Description of work	No. of coaches	No. of treatment per month/coach	No. of treatments in 12 months/coaches	Total no. of treatment in one year	Rate offered by Contractor		
						Rate per treatment (Rs)	Total cost for one year (Rs)	
a	b	c	d	e	f	g	f X g	
1.	Pest control in coaches	20	01	12	240			
2.	Rodent control in coaches	20	01	12	240			
3.	Fogging of coaches	20	01	12	240			
GST								
TOTAL Rs.(A)								
TOTAL(In words) Rs								

(B) Rodent control in four Laboratory buildings of Testing Directorate, RDSO.

S.No.	Description of work	Area identified in sq. meters	No. of treatment in one month	Total no. of treatment in one year	Rate offered by Contractor		
					Rate per Square meter (Rs)	Total cost as per area identified in Square meter for one year (Rs)	
a	b	c	d	e	f	c X e X f	
1.	Rodent control in Air Brake Lab building	296	01	12			
2.	Rodent control in Brake Dynamometer Lab building	258	01	12			
3.	Rodent control in New Fatigue Lab building	887	01	12			
4.	Rodent control in Old Fatigue Lab building	844	01	12			
GST							
TOTAL Rs. (B)							
TOTAL(In words) Rs							

Grand Total (A+B) Rs.

In Words Rs.

Signature of contractor/Authorised Representative with seal