

GOVERNMENT OF INDIA :: DEPARTMENT OF SPACE
SATISH DHAWAN SPACE CENTER SHAR :: SRIHARIKOTA – 524 124
S.P.S.NELLORE DISTRICT (A.P)

TENDER NOTICE NO.SHAR/HPS/PT/17/2009

On behalf of President of India, Head Purchase and Stores, SDSC SHAR, SRIHARIKOTA invites sealed quotations for the following:

Sl. No.	Ref. No.	Description	Qty.	Tender Fee
01	SHSC 2009 00 2018	Planning and execution of mosquito control works in colonies and peripheral areas of colonies at Sriharikota and Sullurpeta for a period of two years.	1	Rs.220/-

Last Date for issue of tender documents : 18.01.2010
Due Date for receipt of tender : 20.01.2010 at 15:00 Hours
Tender Opening Date : 20.01.2010 at 15:30 Hours

Instructions to Tenderers:

For full details/scope of work and terms and conditions etc., please see Page No.2 to 9.

1. Tender documents can be obtained from Senior Purchase & Stores officer, SCF Purchase, SDSC SHAR, Sriharikota –524 124, Nellore Dist. A.P.
2. Tender Fee shall be paid in the form of CROSSED DEMAND DRAFT ONLY. Any other mode of payment including Banker's Cheque is not ACCEPTABLE. The demand draft should be in favour of Accounts Officer, SDSC-SHAR, Sriharikota drawn on State Bank of India, Sriharikota. The Tender Fee is NON-REFUNDABLE. Your request letter along with Tender Fee (D.D) may be addressed to the Sr,Purchase and Stores Officer as indicated above.
3. Interested tenderers may, at their option, download the tender documents from the website and submit the offers along with the prescribed tender fee in the form of Bank DRAFT as per details given in the tender notification.
4. While requesting for Tender Documents, please super scribe on the cover as "Request for Tender document against Tender Notice No.SHAR/HPS/PT/17/2009.
5. Quotations received after the due date/time will not be considered.
6. While sending sealed quotation/offer, superscribe Tender Number and Due Date on the envelope.
7. SDSC-SHAR, Sriharikota is not responsible for any postal delays/loss of documents in transit.
8. Head, Purchase and Stores, SDSC-SHAR, Sriharikota reserves the right to accept or reject any/or all the quotations.

HEAD, PURCHASE AND STORES

ABSTRACT OF QUOTATION

Name Of Work: Planning and execution of mosquito control works in colonies and peripheral areas of colonies at Sriharikota and Sullurpeta of SDSC SHAR for a period of two years from 01-04-2010 to 31-03-2012.

SL. No.	Description of work	Quantity	Unit	Unit Rate Rs.	Total Amount Rs.
1	Larvicidal spray and environmental control works at colonies and peripheral areas of colonies at Sriharikota and Sullurpeta	24	MONTH		
2	Out-door fogging with trailer mounted thermal Mega fogger for mosquito anti- adult operations at Sriharikota.	24	HOUR		
3	Out-door fogging with hand operated thermal fogger for mosquito anti- adult operations at Sriharikota and Sullurpeta	1400	HOUR		
4	Indoor- Residual spray for mosquito anti- adult operations at Sriharikota and Sullurpeta	50,000	SQ.MT Floor Area		
Total amount Rs					
<p>NOTE:</p> <ol style="list-style-type: none"> SL. No. 1 is the regular requirement hence total quantities will be utilized SL. No. 2,3 & 4 are not of regular nature hence quantity indicated is tentative and may not be totally executed. Therefore payment is restricted to the actual units executed. Details on scope of work, terms and conditions are enclosed. 					

Scope Of Work

<u>SL. No</u>	<u>Scope Of Work: Planning and execution of mosquito control works in colonies and peripheral areas of colonies at Sriharikota and Sullurpeta of SDSC SHAR</u>	Periodicity
1	<p>a) Larvicidal spraying to be carried out on water stagnant and mosquito breeding sites such as low lying areas/ pits/ ponds / drains /sewage oxidation ponds/ sewage ditches, etc, as a larvicidal measure - (i) in Sriharikota colonies and its peripheral (approximately one kilometer) areas and (ii) in Sullurpeta colonies and its peripheral (approximately hundred meters) areas drains identified by public health officer SDSC SHAR</p> <p>b) Environmental works are to be carried out indoor and outdoor to identify mosquito breeding source detection and reduction. These are as follows:</p> <ul style="list-style-type: none"> o <i>Source detection & reduction:</i> Visiting residential houses backyards and common facilities o <i>Approach pathways:</i> Making of temporary paths to reach water stagnant pits / ponds / doruvus. o <i>Filling pits / ponds:</i> Sand or earth filling of small pits to ensure early drying up of water. o <i>Canalisation:</i> Making temporary canals to streamline the flow of stagnant water. o <i>Weeding:</i> Removing water plants helping mosquito larva growth like pistia, water hyacinth from ponds / doruvus. <p>c) Except Larvicide chemicals, the contractor shall arrange all requisites like spray equipments and spray men, supervisors, tools (knives, spades etc), safety masks, boots, uniforms, insurance polices to workers, supervisors and conveyance for to his men with materials, etc.</p>	<p>a) <i>Larvicidal spraying:</i> - Weekly once</p> <p>b) Environmental works</p> <p><i>Source detection:</i> - Monthly twice</p> <p>Others: - As per need.</p>

<u>SL. No</u>	<u>Scope Of Work: Planning and execution of mosquito control works in colonies and peripheral areas of colonies at Sriharikota and Sullurpeta of SDSC SHAR</u>	Periodicity
2	<p>Out-door fogging with <u>trailer mounted thermal Mega fogger</u> for mosquito anti- adult operations at Sriharikota. The public health department provides the trailer mounted thermal mega fogger without costs. Contractor shall arrange all other requisites like equipments, fuels, chemicals and operators as mentioned below:</p> <ul style="list-style-type: none"> - Hauler / jeep with driver & POL for towing the trailer mounted fogger - POL for running of Hero Honda generator of trailer mounted fogger. - Fogging formulation (insecticide and diesel for dilution) - Operator/s for the fogging machine. - Day-to-day maintenance to trailer mounted fogger. <p>Breakdown of machine with problems should be informed to the public health officer so that necessary departmental actions will be taken up and your servicing bill amount for breakdown serving charges, costs of new items required or replaced for worn-out parts will be paid separately.</p>	Trailer mounted thermal Mega fogging is planned tentatively as per need to contain diseases spread.
3.	<p>Out-door fogging with <u>hand operated thermal fogger</u> for mosquito anti- adult operations at Sriharikota and Sullurpet. Contractor shall arrange all requisites like hand foggers, fuel for fogger, formulations, and operators.</p>	Hand operated thermal fogging: Weekly once tentatively during the period September to February.
4.	<p>Indoor- Residual spray to be carried out on wall surfaces of houses and buildings as a measure to kill the resting adult mosquito using insecticide in the spray formulation. Contractor shall arrange all requisites like mosquito insecticide chemicals, spray equipments and spray men.</p>	Focal spraying is planned tentatively as per need to contain diseases spread.
<p>NOTE:</p> <ol style="list-style-type: none"> 1. SL. No. 1 is the regular requirement hence total quantities will be utilized 2. SL. No. 2,3 & 4 are not of regular nature hence quantity indicated is tentative and may not be totally executed. Therefore payment is restricted to the actual units executed. 		

Terms and conditions

1. The services titled 'Planning and execution of mosquito control works in colonies and peripheral areas of colonies at Sriharikota and Sullurpeta of SDSC SHAR is purely a **Service** intended for carrying-out all the works enlisted under the scope of work and at no stage this should be construed as a **Labour contract** and should not give sub-contract for whole or part of the work to any other contractor / subcontractor.
2. The prerequisites of agency (be written as "you" hereafter) to participate in the tender is, (1) you have to visit to know the work nature and (2 while submitting filled tender papers you should enclose documents/certificate related to (a) Indian Pest Control Agency (IPCA) registered member certificate; (b) Experience Service certificates from firms already worked or now working in mosquito control of similar nature (mosquito breeding source surveying, spraying, fogging) and quantities; (c) resource details of qualified entomologist and experienced supervisors personnel in mosquito control; (d) details on possessing hand thermal foggers and capable personnel for operating and servicing fogging machines.
3. The scope includes all services arrangements by you except required Larvicide chemicals and one trailer mounted thermal Mega fogger are provided by SDSC SHAR at free of cost for use. The services includes deployment of working personnel, materials and equipments [sprayers, hand thermal foggers], implements, uniforms, insurance policies, safety gadgets (masks, gloves, goggles, gumboots, towels & soaps, etc), identity cards, also other tools required if any and entomologist visits twice in a year in planning and execution of mosquito control and give an entomological report and co-ordinate with Vector Control Research Center, Pondicherry in case necessary.
4. You should deploy of 18-50 year age healthy ten male workers and two male supervisors having prior experience in the mosquito control activities. Supervisors should be from their firm only and not local persons from Sriharikota, Sullurpet, etc. and the other workers can be from local areas. Employment of child labour is strictly prohibited.
5. Weekly working days are from all Mondays to Saturdays and working hours suggested for antilarval works shall be from 07:30 Hrs to 16:00 Hrs and for other works the timings are as per need and instructions by public health officer. Your supervisors shall report to Public Health Officer and or Public Health staff at 07:30 hrs and review on works. All works have to be done under intimation of Public Health Officer.
6. The annexure 1, 2, 3, also constitute part of tender schedule document. They relate to Suggested schedule on Manpower & Important Equipments /Tools/ consumable materials (Annexure – 1), Weekly Report [Annexure – 2], Additional information on residential and peripheral work areas [Annexure-3]. You maintain reports such as weekly report; mosquito source house visits report; indoor spray user sign report; fogging witness resident sign report and attendance report.

7. You shall comply with contract labour act rules of Andhra Pradesh state / the statutory regulations stipulated by state/ central regulatory authorities from time to time. All employees should be covered by Insurance policy for the work period. You shall maintain the needed documentations for any verification by such regulatory authorities. This department also may at it's will verify these records for compliance. Any employment liability, compensation disputes, benefits etc., to the laborers engaged by the service agency, arising out of any statutory regulations, is the sole responsibility of the service agency and this Organization (SDSC SHAR) **will not** in any way be liable and take responsibility. You will hold sole responsibility for his employees of miss- conduct at work places, injuries/ illness / deaths at the work place.
8. The quality of the services rendered by you will be checked by Public Health Officer / Public Health staff periodically. You shall make good the deficiencies, if any found during such inspections.
9. The consumable materials for dispensation by the contractor under the contract are to be procured in advance of a month and kept in stock. The stock is verifiable by the Public Health staff for adequacy of materials in quantity, quality and date of expiry of insecticides.
10. You should submit monthly bill showing number of units of services done against each work (mosquito anti-larval and anti-adult) along with satisfactory certification of the work by Public Health Officer, to Accounts Officer (Bill) SCF, SDSC SHAR once in a month for release of payment.
11. Income Tax at source and any other deductions if any as applicable from time to time will be made in the monthly bills. Security deposit at 10% of the monthly bill value will be deducted till the accumulation reaches 10 % of the work order value and amount so deducted will be refunded without interest after satisfactorily completion of work period. Any accommodation provided by department will be charged and allotment is subjected to availability and asper terms and conditions of this department.
12. From monthly bill, proportionate amount as a penalty amount as fixed by the work-executing officer, will be deducted from the unit of work rate quoted in case the unit of work is not carried out satisfactorily as detailed in scope of work.
13. The tenure of two years contract period is extendable for one more year after satisfactorily completion of tender period, if found suitable and with out any increase in contact price and terms and conditions. Additional quantities can be included if required on same terms and conditions. The fogging and indoor spray quantities are need based hence total quantities may or may not be fully utilised. In case the services are not satisfactory during the tendered period, the department reserves the right to cancel at any time and in this regard decision of this department SDSC SHAR is final.

Suggested schedule on Manpower & Important Equipments /Tools/ Consumable Materials (Annexure – 1)

SL No	<u>Name of work</u>	Important Equipments /Tools/ Consumable Materials	
1	Larvicidal spray and environmental control	12 (10 workers+2 supervisor) male manpower 10 Nos. of Knapsack Sprayers To manpower: Uniforms, Gum boots, face masks, gloves, soaps & Insurance polices, cycles, larva ladles, all required in addition to above.	
2	Out-door fogging with trailer mounted thermal Mega fogger	Formulations as suggested (a) 01 No. of Jeep (having pintel hook and required fuel) with driver to haul the fogger	
3	Out-door fogging with hand operated thermal	Formulations as suggested (a) 01 (2 if need arises) Nos. of Hand thermal fogger machine (and required petrol for run).	
4	Indoor- Residual spray	Formulations as suggested (b)	
Manpower for SL. No 1,2, 3 & 4.		12 (10 workers+2 supervisor) male manpower	
<u>Formulations suggested</u>			
Insecticide Specification		Dilution	Areas to be sprayed / fogged
(a) Deltamethrin 1.25% w/v (King fog 1.25) or equivalentents		50ml / 10 liter diesel.	Fogging 1hectare open area
(b) Cyfluthrin 10 % wp (Solfac) or equivalentents		125 gram / 10 liter water.	Spray on 500 M ² wall surface
Note: Larvicides and trailer mounted thermal Mega fogger are provided by department on free of cost and all other required services (men, materials- equipments, sprayers, hand foggers, chemicals, other services) of larva and adult control are to be provided by the contractor			

Weekly Report!(Annexure –2)

Day	Date	Larvicidal spray areas Numbers & result	Breeding Source Detection, Reduction / house visit area Numbers & result	Approach pathways / Pits filing/ Canalisation/ Deweeding area Numbers & report	Mega / Hand fogging areas & No. of Hour	Indoor Resi Spray areas & No. Of Sq.Mt
Mon						
Tue						
Wed						
Thu						
Fri						
Sat						
Work colony areas and Area code 01: PHC-1, PHC-2 02: QCH, THC, Keepakam office hangers 03: Keepakam paddy field & colony 04: O point 05: Kothachenu & Kilivedu 06: South baduva low lying areas [17Kms to 20 Kms]			Area code 07: North baduva low lying areas [17 Kms to burial ground], Chengalpalem 08: Burial ground to hospital 09: Hospital to CISF gate –2 10: CISF gate -II to Kothachenu CISF camp 11: Pinakini nagar, Swarnamukhi nagar 12: Pulicat nagar			
Submitted to PHO on Monday of every week.			SUPERVISOR			

Additional information on residential and peripheral work areas - Annexure-3

Sriharikota areas			Sullurpet areas		
Colony	Qtrs. Type	Qtrs. Number	Colony	Qtrs. Type	Qtrs. Number
PHC-1	Single houses and one storied	370	PCN	Two storied	858
PHC-2	Single houses, one storied, two storied	734	SMN	One storied	512
QCH	Single houses in blocks	220	PNN	Two storied	348
THC	Single houses in barracks	109	-	-	-
All		1433	All		1718
<p>Permanent Housing colonies (PHC-1, PHC-2), Quick Construction Housing (QCH) colony and Temporary Housing Colony (THC) Above colonies are located nearby one another, maximum area is 2.5 X 0.5 Kms consisting of quarters and its backyards, open yards, common facilities and office buildings.</p> <p>Labour colonies 3 located around SHAR are <u>Sabari labour colony</u> near at south side of QCH, <u>Keepakam labour colony</u> at Westside of QCH, and <u>Chengalpalem labour colony</u> at North Baduva. Consisting of huts type houses</p> <p>Colony peripheral areas: A North baduva area is approx. 3.5 Kms length; from gate-I to bridge near burial ground and South baduva is approx. 3 Kms length, from gate-I to 20 Kms milestone. O point & Kilivedu areas are approx. 2 & 2.5 Kms from Gate –II respectively. All are low-lying areas, pits, ponds, doruvus, and thorny plants, forest like areas.</p> <p>Pulicat nagar (PCN) is located at 3.0 Kms from Railway Over Bridge (ROB), maximum area is 1.0 X 0.35 Kms. Swarnamukhi nagar (SMN) is located at 1.0 Kms from ROB; maximum area is 0.7 X 0.30 Kms. Pinakini nagar (PNN) located at north side to ROB, maximum area 0.5 X 0.30 Kms. All colonies consisting of quarters and its backyards, open yards, common facilities and office buildings.</p>					