

**SATISH DHAWAN SPACE CENTRE  
SHAR FIRE SERVICES**

**SPECIFICATIONS FOR SERVICE CONTRACT FOR REMOVING HONEYBEE/WASP HIVES IN SRIHARIKOTA**

**CONTRACT PERILOD : 24 MONTHS (Extendable by one year)**

**1.0 INTRODUCTILON:**

Owing to tropical shrubby terrain of Sriharikota Island, wild (Rock) Honeybees and Wasps form hives suddenly below and nearer to roof top of various facilities of SDSC SHAR which is posing a threat to operational personnel. Hence it is proposed a service contract for controlling such hives at Sriharikota facilities and Sullurupeta Housing Colonies as detailed below:

**2.0 SCOPE OF WORK:**

**A. SCOPE OF CONTRACTOR**

- a) Identification of honeybee/wasp hives
- b) Immediate removal of honeybee/wasp hives using proven scientific techniques including spraying suitable chemical/fogging agent to incapacitate the bees. (latest within 24 hours)
- c) Supply of suitable chemical/fogging agent and spraying equipment for carrying out the above work (Minimum height of reach 10-25 Meters and above including ladders to reach such heights).
- d) Supply of all other consumables and clothing other than listed in the scope of Department.
- e) Submission of consolidated monthly activity report to Department focal point.
- f) Transport arrangement for the contract personnel to/from to site office and back to all work spots including transportation of their equipment and consumables work sites in Sriharikota and Sullurupeta facilities.

**NOTE:**

1. Contractor shall set up a site office at identified location in SDSC SHAR and ensure availability of manpower throughout the year from Monday to Saturday between 0900 hrs and 1800 hrs. Removal of honey bees shall be carried out in the evening preferable closer to sun set time or early morning hours. Emergency calls on need basis shall be attended by contractor at any time and any day throughout the year.
2. The site office has to be manned throughout the indicated hours, for receipt of complaints/hive removal request in prescribed log books. All such complaints shall be closed within 24 hours.
3. Contractor shall deploy minimum 2 skilled personnel who got trained to carry out such works at height. Based on density of hives to be removed, he should be able to deploy extra personnel from time to time.
4. The chemicals/fogging agents (Monoprotophos/Triazphos and other chemicals/aerosols) required for spraying are to be procured by the contractor agency and kept in stock in advance. (The requisite chemicals/fogging agents for removing 60 nos of large size bee hives)

5. The chemicals will be subjected to verification by Dept. focal point at any time.
6. Contract agency shall ensure cleanliness of surrounding area after removal of combs and ensure chemical/comb residue are not left over.

**SCOPE OF DEPARTMENT:**

1. Supply of special protective clothing/attire
2. Identification of Department Office which will act as focal point for this service contract.

**3.0 DETAILS OF FACILITIES:**

Other than normal buildings (3 to 10 m roof heights) following are the details of high-rise facilities/structural where wild bee hives prominently getting formed.

Sl.No	Description	Approx. Quantity
01	Hi rise Buildings ( 15 m height )	54 Nos
02	High rise steel structural towers	10 Nos

**4.0 AREAS TO BE COVERED:**

All areas belonging to SDSC SHAR like all technical facilities, Residential colonies and hospitals both at Sriharikota and Sullurupeta.

**5.0 GENERAL CONDITIONS:**

- a) The contract period is for 24 months from the date of awarding work order which is extendable by one more year.
- b) Contract agency shall also give separate quote for two year contract period, if department desires to extend the contract period after this contract period (24 months). If Department desires so the contract period may be extended beyond 12 months for another one year.
- c) However the Department reserves the right to cancel the contract any time if the service is not found satisfactory or if the need of the service no more exists.
- d) The contractor shall visit the area regularly and give report on information of honeybee hives if any to the Dept. focal point immediately on the same day.
- e) Contractor shall also give an undertaking to attend the work during holidays and late hours on need basis.
- f) Workers deployed shall be young healthy male (preferable in the age group 18 to 35 yrs). In case any of the workers found not working satisfactory level, the same worker should be replaced with a new worker. Employment of child labour is strictly prohibited.
- g) On an average, contractor has to ensure 2 personnel to be deployed for the job, but in case of additional requirement 2 more personnel shall be deployed on 7-day notice.
- h) Payment for such additional requirements will be made on pro-rata man day basis
- i) The agency shall maintain the daily work report and consolidated weekly statement shall be submitted to Dept. focal point.

- j) Contract agency shall maintain all the equipment, gadgets and tools required for work in good working condition for instantaneous operation.
- k) The contract supervisor shall ensure that their personnel are strictly confined to the assigned job and place of work and wholly responsible if any other system in the work spot found meddle disturbed.
- l) Accommodation on payment basis will be provided by the Department, if available, to contract personnel during the contract period.
- m) Contract agency shall also keep update Department focal point with latest scientific techniques, use of environment friendly chemicals/aerosols, protective gear, taming of honeybees etc. in the period of contract.
- n) Agency shall give an undertaking for ensuring minimum statutory wages for staff deployed at site and shall produce proof to Dept./focal point for disbursement.
- o) Tenderer shall have previous experience of handling similar works in the past and shall also enclose list of major service contracts undertaken so far.

#### **6.0 MEDICAL ASSISTANCE & SAFETY:**

While executing the service contract work, if any of the workers engaged by contract agency is injured, the contractor has to take care of them. **All the Safety Protocols shall be strictly adhered to wherever required and the necessary PPEs shall be used.**

#### **7.0 INSURANCE:**

Owing to nature and area of work, it is mandatory to have insurance. The document copy of the same shall be submitted as per the departmental requirement, as and when required.

#### **8.0 PAYMENT TERMS**

On successful removal of honey bee/wasp hives as per terms and conditions of this contract, duly certified by department focal point, pro-rata monthly payment will be made to contract agency for the actual number of man days utilized, against submission of bills (after showing proof for disbursement of previous month's salary in line with prevailing minimum wages act).