



**GOVERNMENT OF TELANGANA  
DEPARTMENT OF HORTICULTURE  
NBHM**

**PUBLIC GARDENS, NAMPALLY, HYDERABAD - 04**

**TECHNICAL BID FOR EOI**

**(TO BE SUBMITTED TECHNICAL & FINANCIAL BID IN SEPARATE COVER)**

Extension of date & time for Expression of Interest (Eoi) in sealed covers are invited for selection of Executing Agency of National / International repute who will be responsible for the establishment of Custom Hiring Center for Honey Bee colonies, Achyuthapuram, Bhadradri Kothagudem district in Telangana. The detailed terms and conditions can be obtained from <http://horticulture.tg.nic.in>. The sealed tenders consisting of Technical Bid and Financial Bid (separately) along with DD of EMD 2.5% on Eoi quoted amount should reach the undersigned on or before 3.00 PM of 12/06/2026 (Box Tender). The application fee for Rs.3,000/- in shape of Demand draft in favour of Director of Horticulture, Public Gardens to be handed over in person to the Horticulture Officer, NBHM (8977714486) for obtaining the Tender application. The undersigned reserves the right to reject all or any tenders without assigning reasons what so ever.

Sd/- S. Yasmeen Basha  
Director of Horticulture  
Telangana, Hyderabad.

## **INFORMATION ON TECHNICAL BID**

### **FUNCTIONAL REQUIREMENT OF SYSTEM**

#### **a. DESIGN FLEXIBILITY**

Tenderer may submit a different technical option if it is able to meet the Core technical requirements as stated in this document. Tenderer shall have to demonstrate proof that his proposed solution has been successfully tried on large areas. The tenderer shall also have to satisfy the reliability requirements as stated in this document. Right to accept / reject the proposed solution shall rest solely with the Director of Horticulture, Hyderabad, Telangana.

#### **b. TRIAL & TESTING**

1. Bidder shall demonstrate the effectiveness of the proposed design / installed design.
2. The bidder shall draw up the optimization programme in consultation with the Director of Horticulture, Telangana.

#### **c. PERFORMANCE TESTS**

After providing the functional requirement, its performance regarding maintainability and reliability under field conditions would be jointly monitored by Director of Horticulture or his representative and executing firm / their representative. All problems noticed during this period shall be logged and shall be rectified by the tenderer during the warranty period. Expenditure for testing quality of product/ component should be borne by the firm.

### **Activities that will be undertaken by the Agency/Firm at the proposed Custom Hiring Center for Honey Bee colonies, Achyuthapuram, Bhadradri Kothagudem District, Telangana**

Establishment of the following component wise rates to be quoted by the bidder only, inclusive of all taxes and successful production of Honey. All components total amount treated as a single work on Turnkey basis.

1. Bee hives with bee colonies for 500 colonies
2. Hive stands for 500 Nos
3. Bee feeders (GI) 500 Nos
4. Queen Excluders 500 Nos
5. Bee veils for 250 Nos

6. Bee gloves (leather) for 250 Nos
7. Smokers for 250 Nos
8. Honey Extractor (6-frames) for 30 Nos
9. Honey tray 2'x2' (SS) for 100 Nos
10. Hive tools (J-shaped SS) for 250 Nos
11. Bee brushes for 250 Nos
12. Uncapping knives (SS) for 250 Nos
13. Extraction nets (25x25) for 100 Nos
14. Pollen driers (5Kgs) for 25 Nos
15. Bee suits (complete) for 250 Nos
16. Honey strainers for 100 Nos
17. Storage racks for 100 Nos

*Note: The agency/firm will be responsible for ensuring all the activities to be adopted for smooth establishment & functioning of the Custom Hiring Center for Honey. The agency will also be responsible and made accountable for any kind of lapse in smooth conduct of the various activities. The agency/firm will also deploy its manpower with proper know how to carry out the work.*

*The component wise specifications should be followed.*

**FORMAT OF TECHNICAL BID**

Establishment of Custom Hiring Center for Honey Bee colonies at Achyuthapuram, Bhadradri Kothagudem District, Telangana.

S No.	Item		Details
1	Name of the agencies with details of address, phone & FAX Number / Mail address	:	
2	Past experiences for establishment of Custom Hiring Center with documentary proof	:	
3	Time period required for execution of the project	:	

S No.	Intervention / Component	Annexure with page no.
1	Proof in support of past experience of firm	
2	Proof in support of completion of same type of projects in public sector	
3	List of key professionals with education & experience to be deputed for the project	
4	Detailed Design & Drawing	
5	Component wise specifications and quality of material for establishment of units at proposed Custom Hiring Center.	

**Note: Design, Drawings & Specification in detail for each component are to be given separately by the firm.**

*Authorized Signatory of firm*

***(Letter head of the bidder)***

**Name of Firm:**

**Address:**

**Phone No. /Mobile No.:**

To,

**Director of Horticulture,**

**Telangana,**

**Public Gardens, Nampally,**

**Hyderabad - 500004.**

Sir,

**Sub: TECHNICAL PROPOSAL - In accordance with the terms & conditions of the bid for establishment of Custom Hiring Center for Honey Bee colonies at Achyuthapuram, Bhadradri Kothagudem District, Telangana.**

I /We submit the **technical proposal** containing the following documents;

- 1. Authority Letter (Annexure I)**
- 2. Information Sheet (Details of firm) (Annexure II)**
- 3. Details of Earnest Money along with Bank Draft (Annexure IIIA)**
- 4. Details of tender document cost and draft (Not applicable for Bid document purchased in person) (Annexure IIIB)**
- 5. Submission of Affidavit (Annexure IV)**
- 6. Technical Specification**
- 7. Original copy of money receipt. (In case of purchase in person)**
- 8. Photocopy of GST Registration**
- 9. Photocopy of Income tax PAN Card**
- 10. Photocopy of ISO Certificate**
- 11. Photocopy of work order confirming execution of similar mater work**
- 12. Balance sheet of last three years**
- 13.ESI/ EPF Letters**

Further, it is certified that the information furnished in this Bid documents is true and correct to the best of my/our knowledge & belief. I/we fully understand terms and conditions mentioned above and undertake to abide by the terms & conditions and rules & regulations mentioned in the Bid document.

It is also certified that our firm has not been blacklisted by any Union or State Government department or institute in any matter and the owners or partners/ directors has never been legally prosecuted & in any legal dispute with any Union or State Government department.

Signature of Authorized Signatory

Name

Designation

Seal of the firm

Dated: .....

***(Letter head of the bidder)***  
**AUTHORITY LETTER**

M / s . .....  
..... (Name & address with telephone no. of  
representative) is working with/on behalf of our firm as our authorized  
representative for the State of Telangana.

He is authorized to submit, collect & correct all Bid/quotation/project  
documents on behalf of firm.

Signature of Authorized signatory

Name

Designation

Seal of the firm

Dated.....

**BIDDER INFORMATION SHEET**

(General Information to be supplied along with the Bid)

1. Name of the Item:
2. Name & Address of the firm/ authorized dealer,

Telephone No.:

3. (a) GST Registration No. :  
(b) PAN No. :  
(b) Recent Income Tax details:
4. Address with telephone no./e-mail/web address where production centre(s) is situated

Certified that above information is correct.

Signature of Authorized Signatory

Name

Designation

Seal of the firm

Dated.....

**DETAILS OF EARNEST MONEY DEPOSIT (EMD)**

Earnest money as per details below is enclosed for the purpose of bid for .....

Bank Draft No.....

Name of the bank.....

Branch..... Dated.....

Amount (In figures & words) .....

.....

Signature of Authorized Signatory

Name

Designation

Seal of the firm

Dated.....

**(Non- refundable) DETAILS OF BID DOCUMENT COST - Application fee**

(Not applicable for Bid Documents purchased in person)

Bid document cost as per details below is enclosed for the purpose Rs.3,000/-

..... Bank Draft No.....

Name of the bank..... Branch.....

Dated.....

Amount (In figures & words) .....

.....

Signature of Authorized Signatory

Name

Designation

Seal of the firm


Dated.....



**Affidavit**

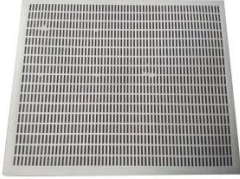


*(Through Notary Public on Non-Judicial stamp paper of Rs. 100.00)*





- Our firm shall establish Custom Hiring Center in specified time decided by NBHM, Telangana and as per technical specifications finalized.
- Our firm shall use all the materials of good quality standard for installation of Custom Hiring Center.
- Our firm has never been blacklisted/debarred by Govt. of India or any state govt.






**Specifications of the components for Custom Hiring Center for Honey bee colonies:**


Sl. No.	Name of the component	Details	Image
1	2	3	4
1.	Bee hives with bee colonies	<ul style="list-style-type: none"> <li>• The beehive shall be a 10-frame Type-C (Langstroth Modified) hive suitable for rearing Apis mellifera colonies.</li> <li>• The beehive shall conform to IS 1515:1998 (Beehives – Specification).</li> <li>• The hive shall be manufactured from well-seasoned, knot-free timber (pine / tun) free from cracks, splits, decay, insect damage, and warping.</li> <li>• The hive shall provide a 10 mm bee space and dimensions shall conform to IS 1515:1998 standards for Type-C hives.</li> <li>• All joints shall be finger-jointed, dovetail-jointed, or tongue-and-groove construction to ensure durability and dimensional stability.</li> <li>• Exposed surfaces shall be smooth-finished and coated with non-toxic, weather-resistant paint suitable for apicultural use.</li> <li>• The hive shall be supplied complete with 8 frame bee colony, ready for installation and colony introduction.</li> <li>• The supplier shall provide a warranty against manufacturing defects for a minimum period of one year from the date of supply.</li> <li>• Bottom board: 22” x16”.25 is a base platform.</li> <li>• Deep brood Bottom chamber for 10 frames: 19”.87 (honey storage)</li> <li>• Additional Top Chamber (Super): 16”.25 to 19”.87 (Honey Collection)</li> <li>• Inner cover: 20” x16”.5 (Ventilation)</li> <li>• Top cover: 22” x18” (weather protection)</li> </ul> <p>The gap between bottom chamber &amp; Top chamber 3.3 cms.</p>	

Sl. No.	Name of the component	Details	Image
1	2	3	4
		Supply of IS 1515:1998 movable-frame beehives for <i>Apis cerana indica</i> , constructed from well-seasoned timber, complete with floor board, brood chamber, super chamber, inner cover, roof, entrance gate, and queen excluder, with 6 frame bee colony.	
2.	Hive stands	<p>Folding type, made of 20 mm dia MS tubular pipe (2 mm thickness), anti-rust painted, fitted with rubber leg caps, complete with nuts and bolts, conforming to <b>IS 1735 (Part I): 1977</b>. Suitable for standard beehives and migratory beekeeping.</p> <p>Hammer-type beehive stand fabricated from heavy-duty mild steel rod/angle, anti-rust treated and weather-resistant painted, with four pointed ground-anchoring legs for firm installation in soil. Suitable for supporting standard movable-frame <i>Apis cerana indica</i> beehives. The stand shall provide adequate elevation above ground to prevent moisture damage and pest infestation and shall be of strength and durability equivalent to or better than IS 1735 (Part I): 1977 beehive stands.</p>	
3.	Bee feeders	<p>Supply of food-grade plastic bee feeders (1–2 L capacity), compatible with 10-frame Langstroth beehives, leak-proof, reusable, UV-stabilized, and suitable for supplementary feeding of honey bee colonies</p> <p>Food-grade plastic bee feeders (500 mL–1 L capacity) compatible with <i>Apis cerana indica</i> hives, leak-proof, reusable, easy to clean, and suitable for supplementary feeding of honey bee colonies.</p>	

Sl. No.	Name of the component	Details	Image
1	2	3	4
4.	Queen Excluders	<p>Manufactured from galvanized iron (GI), stainless steel wire, or food-grade plastic, with uniform bee passage spacing to allow worker bees while restricting queen movement. Durable, corrosion-resistant, reusable, and compatible with standard <i>Apis mellifera</i> movable-frame beehives conforming to <b>IS 1515:1998</b>. Supply shall include all necessary fittings and be ready for use.</p> <p>Queen excluders for <i>Apis cerana indica</i> beehives, manufactured from galvanized iron/stainless steel wire or food-grade plastic, with uniform bee passage spacing, durable, corrosion-resistant, and compatible with standard movable-frame hives conforming to IS 1515:1998.</p>	
5.	Bee veils	<p>Bee veils made of cotton/poly-cotton fabric with fine mesh face protection, neck protection lightweight, durable, washable, and suitable for handling <i>Apis cerana indica</i> and <i>Apis mellifera</i> colonies.</p>	
6.	Bee gloves	<p>Supply of beekeeper protective gloves made of sting-resistant leather/canvas/rubberized material with extended gauntlets, durable, flexible, and suitable for handling <i>Apis cerana indica</i> and <i>Apis mellifera</i> colonies.</p> <p>Leather gloves with good thickness to cover upto Elbow that protect the hands &amp; fore-arms from stings, helping beginners gain confidence in handling bees.</p>	

Sl. No.	Name of the component	Details	Image
1	2	3	4
7.	Smokers	Supply of stainless steel bee smokers with heat-resistant combustion chamber, wire guard, conical nozzle, and leather/synthetic bellows, suitable for safe management of <i>Apis cerana indica</i> and <i>Apis mellifera</i> colonies.	
8.	Honey Extractor(6-frames)	Fabricated from <b>food-grade SS 304 stainless steel</b> , suitable for extracting honey from six standard <i>Apis mellifera</i> frames at a time. Equipped with a balanced cage assembly, manual or gear-driven operating mechanism, honey gate/valve, protective lid, and sturdy support stand. All honey-contact surfaces shall be non-corrosive, smooth-finished, food-safe, and easy to clean. The extractor shall be durable, hygienic, and suitable for commercial beekeeping operations. 6-frame honey extractor for <i>Apis cerana indica</i> , made of food-grade SS 304 stainless steel, complete with cage assembly, drive mechanism, honey gate, protective cover, and support stand, suitable for hygienic honey extraction from standard movable-frame hives.	
9.	Honey tray 2'x2' (SS)	Food-grade SS 304 stainless steel honey tray, size 2 ft × 2 ft, with raised edges, corrosion-resistant, hygienic, durable, and suitable for honey extraction and processing operations.	
10.	Hive tools (J-shaped SS)	Manufactured from <b>SS 304 stainless steel</b> minimum 2–3 mm thickness, with J-shaped frame lifter and scraping edge. The tool shall be corrosion-resistant, durable, smooth-finished, and suitable for lifting frames, separating hive components, and removing propolis during routine management of <i>Apis cerana indica</i> and <i>Apis mellifera</i> colonies. The material and workmanship shall conform to good engineering practices and be free from defects.	

Sl. No.	Name of the component	Details	Image
1	2	3	4
11.	Bee brushes	Manufactured with soft, dense natural bristles or synthetic nylon bristles fixed to a smooth-finished wooden or food-grade plastic handle. The brush shall be lightweight, durable, non-toxic, and designed for gentle removal of bees from frames and combs without causing injury to bees or damage to combs. Suitable for use with both <i>Apis cerana indica</i> and <i>Apis mellifera</i> colonies.	
12.	Uncapping knives (SS)	Uncapping knives made of food-grade SS 304 stainless steel with ergonomic wooden/plastic handle, corrosion-resistant, durable, and suitable for uncapping honey combs during honey extraction operations.	
13.	Extraction nets (25x25 ft)	UV-stabilized nylon/polyethylene extraction nets, size 25 ft × 25 ft, lightweight, tear-resistant, reinforced at edges, and suitable for honey harvesting and extraction operations. <ul style="list-style-type: none"> <li>1) Fine mosquito single net enclosure for open Air extraction</li> <li>2) Its portable bee tent to stop bees from flying around during uncapping &amp; spinning.</li> </ul>	
14.	Pollen driers (5Kgs)	5 kg capacity pollen drier with SS 304 construction, thermostatic temperature control, forced-air circulation, removable trays, and suitable for hygienic drying of bee pollen.	
15.	Bee suits (complete)	Made of durable, breathable cotton/poly-cotton fabric (minimum 200 GSM), comprising a full-body suit, detachable veil with fine mesh, and protective gloves. Features elasticized cuffs, heavy-duty zippers, reinforced stitching, and washable, reusable construction. Suitable for safe handling of <i>Apis cerana indica</i> and <i>Apis mellifera</i> colonies under field conditions.	

Sl. No.	Name of the component	Details	Image
1	2	3	4
16.	Honey strainers	Food-grade SS 304 stainless steel honey strainers with double-layer fine mesh, corrosion-resistant, durable, and suitable for hygienic filtration of honey, to produce clear, professional-grade honey. This is to remove wax particles, dead bees & debris	
17.	Storage racks	Heavy-duty steel storage racks with multiple shelves, corrosion-resistant, durable, and suitable for storage of beekeeping equipment, accessories, honey processing tools, and honey jars.	