

Notice Inviting Global Tender

Supply and Installation of Automatic Animal Bedding and Animal Water Bottle Dispensing System at the Central Animal Facility, IISc

Tender No. CAF-IISc/BDS-WDS/2024-2025



Indian Institute of Science

Central Animal Facility
Indian Institute of Science
Bengaluru — 560012

08th January 2025

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SECTION 1 – Bid Schedule

1	Tender Number	CAF-IISc/BDS-WDS/2024-2025
2	Tender date	08 th January 2025
3	Item description	Automatic Animal Bedding (BDS) and Animal Water Bottle Dispensing System (WDS) at the Central Animal Facility, IISc
4	Quantity	01 Number (One number) each
5	Tender Type	Two Bid System Technical Bid (Part-A) Commercial Bid (Part-B)
6	Place of Submission and tender opening	The Chair, Central Animal Facility, Indian Institute of Science Bengaluru, Karnataka – 560012, India
7	Last Date & Time for submission of tender	29 th January 2025
8	Date of opening of technical bids	31 st January 2025
9	For further clarification	1. The Chair Central Animal Facility Indian Institute of Science, Bengaluru, Karnataka – 560012 India Email: chair.caf@iisc.ac.in Phone: 080-22932734/2457 2. Dr. Sheshagiri Gaonkar Central Animal Facility Indian Institute of Science, Bengaluru, Karnataka – 560012 India Email: office.caf@iisc.ac.in

SECTION 2 - ELIGIBILITY CRITERIA

Prequalification criteria:

1. The Bidder's firm should have existence for a minimum of 5 years. (Enclose Company Registration Certificate).
2. The Bidder should have qualified technical service personnel for the instrument(s) based in India.
3. The bidder should sign and submit the declaration for Acceptance of Terms and Conditions as per - Annexure 4.
4. The Bidder must not be blacklisted/banned/suspended or have a record of any service-related dispute with any organization in India or elsewhere. A declaration to this effect has to be given as per Annexure 3.
5. Quote should come only from Original Global Equipment Manufacturer (OEM) or their authorized Indian distributor.
6. The quotations should be on CIP/CIF-IISc Bengaluru basis in Foreign/Indian currency. OR All imported equipment should be quoted in the currency of the country of origin, and all locally sourced items should be quoted in Indian Rupees.

SECTION 3 — TERMS AND CONDITIONS

(A) Submission of Tender:

1. All documentation in the tender should be in English.
2. Tender should be submitted in two envelopes (two bid system).
 - a. Technical Bid (Part-A) -

Technical bid consisting of all technical details, checklist for conformance to specifications, format in which the price bid is quoted without the actual prices (suppliers who include any indication of prices in the technical bid will be automatically disqualified).
 - b. Commercial Bid (Part-B) -

Indicating item-wise price for the items mentioned in the technical bid, as per the format of quotation provided in the tender, and other commercial terms and conditions.
3. The technical bid and price bid should each be placed in a sealed cover, superscripting on both the envelopes the Tender No. and the due date and both these sealed covers are to be placed in a bigger cover which should also be sealed and duly superscripted with the Tender No. & due date.
4. The SEALED COVER superscripting tender number / due date should reach “The Chair, Central Animal Facility, Indian Institute of Science, Bengaluru, Karnataka- 560012, India” on or before due date mentioned in the tender notice. In case due date happens to be holiday the tender will be accepted and opened on the next working day. If the quotation cover is not sealed, it will be rejected.
5. All communications are to be addressed to- “The Chair, Central Animal Facility, Indian Institute of Science, Bengaluru, Karnataka-560012, India.
6. Only the Original Equipment Manufacturer or their authorized representatives across the globe shall participate in the bid.
7. The order will be placed only on the bidder who participated in the bid.
8. If price is not quoted in Commercial Bid as provided in tender document the bid is liable to be rejected.
9. The Institute reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to the award of contract, without there by incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders.
10. Incomplete bids will be summarily rejected.

B) Cancellation of Tender:

Notwithstanding anything specified in this tender document, IISc, Bengaluru, in its sole discretion, unconditionally and without having to assign any reason, reserves the rights:

- a. To accept OR reject lowest tender or any other tender or all the tenders.
- b. To accept any tender in full or in part.
- c. To reject the tender, offer not confirming to the tender terms.

C) Validity of the Offer:

The offer shall be valid 120 Days from the date of opening of the commercial bid.

D) Evaluation of Offer:

1. The technical bid (Part A) will be opened first and evaluated.
2. Bidders meeting the required criteria as stated in Section 2 of this document shall only be considered for Commercial Bid (Part B) opening. Further, agencies not furnishing the documentary evidence as required will not be considered.
3. Pre-qualification of the bidders shall not imply final acceptance of the Commercial Bid. The agency may be rejected at any point during technical evaluation or during commercial evaluation. The decision in regard to acceptance and / or rejection of any offer in part or full shall be the sole discretion of IISc, Bengaluru, and decision in this regard shall be binding on the bidders.
4. The award of contract will be subject to acceptance of the terms and conditions stated in this tender.
5. Any offer which deviates from the vital conditions (as illustrated below) of the tender is liable to be rejected:
 - a. Non-submission of complete offers.
 - b. Receipt of bids after due date and time and or by email / fax (unless specified otherwise).
 - c. Receipt of bids in open conditions.
6. In case any BIDDER is silent on any clauses mentioned in these tender documents, IISc, Bengaluru shall construe that the BIDDER had accepted the clauses as of the tender and no further claim will be entertained.
7. No revision in the terms and conditions quoted in the offer will be entertained after the last date and time fixed for receipt of tenders.
8. Lowest bid will be calculated based on the total price of all items tendered for basic equipment along with accessories for installation, operation, pre-processing and post processing, optional items, recommended spares, warranty, annual maintenance contract.

E) Pre-requisites:

The bidder will provide the prerequisite installation requirements along with the technical bid.

F) Mode of Shipment:

In case of foreign bidders, the consignment must be airlifted/sea cargo shipped, insured and transported to the Bengaluru International Airport/Sea Cargo (CIP/CIF). Necessary custom clearance will be done by IISc, Bengaluru, from Bengaluru International Airport/Sea Cargo.

G) Customs clearance:

The IISc, Bengaluru will furnish the necessary papers for the import and customs clearance of items into India.

H) Warranty:

The complete system is to be under warranty for a period of minimum 5 years (1 year + minimum 4 years extended warranty, including free supply of consumables, spare parts and data analysis software from the date of functional installation. If the equipment is found to be defective, it has to be rectified or when required replace required parts/components at the cost of the bidder within 15 days from the date of receipt of written communications from IISc, Bengaluru. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended.

I) Comprehensive Maintenance Contract:

A comprehensive maintenance contract for a period of 2 years post warranty should be provided on completion of warranty period without any cost to Institute.

J) Purchase Order:

1. The order will be placed on the bidder whose bid is accepted by IISc based on the terms & conditions mentioned in the tender document.
2. The quantity of the items in tender is only indicative. IISc, Bengaluru reserves the right to increase /decrease the quantity of the items depending on the requirement.
3. If the quality of the product and service provided is not found satisfactory, IISc, Bengaluru reserves the right to cancel or amend the contract.

K) Delivery and Installation:

The bidder shall provide the lead time to delivery, installation and made functional at IISc, Bengaluru from the date of receipt of purchase order. The system should be delivered, installed and made functional within 60 days from the date of receipt of purchase order. The supply of the items will be considered as effected only on satisfactory installation and inspection of the system with all the items and features/capabilities tested by the IISc, Bengaluru. After successful installation and inspection, the date of taking over of entire system by the IISc, Bengaluru shall be taken as the start of the warranty period.

L) Payment Terms:

The payment will be through a Letter of Credit and milestone of the payment will be determined after the mutual discussions with the successful bidder.

M) Statutory Variation:

Any statutory increase in the taxes and duties subsequent to bidder's offer, if it takes place within the original contractual delivery date, will be borne by IISc, Bengaluru subject to the claim being supported by documentary evidence. However, if any decrease takes place the advantage will have to be passed on to IISc, Bengaluru.

N) Disputes and Jurisdiction:

Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within the city of Bengaluru, India.

O) General:

1. All amendments, time extension, clarifications etc., within the period of submission of the tender will be communicated electronically. No extension in the bid due date/time shall be considered on account of delay in receipt of any document(s) by mail.
2. The bidder may furnish any additional information, which is necessary to establish capabilities to successfully complete the envisaged work. It is however, advised not to furnish superfluous information.
3. The bidder must visit the installation site before submission of tender, with minimum 3-4 days prior intimation.
4. All imported equipment should be quoted in the currency of the country of origin, and all locally sourced items should be quoted in Indian Rupees.
5. Any information furnished by the bidder found to be incorrect, either immediately or at a later date, would render the bidder liable to be debarred from tendering/taking up of work in IISc, Bengaluru.

Section 4 - User Requirement Specification

Technical Specification for Automatic Bedding Dispensing System

S. No	Description
1	Supply and installation of Automatic Bedding Dispensing System for dispensing different types of bedding in different size cages used for housing rat, mice, hamster etc.
2	The unit must be able to dispense wide range of bedding types like corn cob, wood shavings paper bedding and any other light weight bedding material.
	The unit should be made up of AISI 304 stainless steel or tested materials compatible with bedding without causing any adverse impact on bedding.
3	It should be ergonomically designed, compact, light-weight, easy to move with minimum efforts. All the corners of the unit should be properly rounded for operator's safety. Equipment should not have any sharp edges.
4	The design of the unit must be compact enough with an option to position the unit at any location else pre-installation requirements (if any) or installation and running the system should be clearly mentioned.
5	Equipment should be fitted with free moving castors wheels for easy maneuverability and minimum two wheels should be provided with lock/brake pads.
6	The machine should have sufficient reservoir/silo capacity to accommodate bedding for smooth and prolonged operation. The reservoir/silo should be equipped with a separation panel in order to provide the possibility to store and dispense two different type of bedding material.
7	The unit should be equipped with a working grid in order to collect the bedding spillage. It should be easily disassembled and cleanable by the operator with minimum efforts.
8	The unit needs to be a compact system with overall dimensions in the range of 1100-1310 x 750-790 x 1800-2000 mm (L x D x H).
9	The unit should be standalone and should be plug and play without additional integration or additional utilities.
10	The unit is equipped with an automatic anti-collision system to guarantee operator safety and avoid material damage during the "DOWN" movement phase.
11	The unit should have digital display control panel with audio and visual alarms for low level warning, deviation from set points must be provided.
12	Noise level generated from the unit during operation should be less than 75dbA.

13	The instrument must be equipped with compatible dual filters to ensure user safety and same should be easily accessible for cleaning and maintenance.
14	The unit should have two independent dispensing points to dispense bedding in two cages at one time.
15	Each dispensing point of the unit should have at least 6 different dispensing volume of bedding material that can be pre-set into the system. The operator should be able to easily select and customize the specific volume directly from the touchscreen.
16	The unit has to be equipped with two minimum level sensors in the silo, one per each dispensing point, to monitor whenever it is getting empty. This information needs to be visualized preferably on the touchscreen.
17	The unit should have working height adjustment function (hydraulic/electrical) for easy refill of silo and working height adjustment while bedding dispensing as per operator need.
18	The unit needs to have a fully adjustable height between the dispenser points and the working grid in order to process different cage sizes.

Technical Specification for Automatic Animal Water Bottle Filling Station

S. No.	Description
1	The unit should be capable of filling different volumes of water in bottles.
2	The unit must be constructed of Stainless Steel.
3	The unit should be capable of easy cleaning and / or disinfecting pipeline systems.
4	The unit must be capable of dispensing water in a minimum of 36 bottles at a time.
5	Noise level generated from the unit should be less than 67dbA.
6	The unit must be CE or equivalent certified.

Both the units must satisfy the following specifications:

1	There should be minimum two installations of the quoted model/equipments in research/academic institutes across India.
2	The equipments should be able to operate as per available electrical supply of 220-240V A.C, single phase, 50 Hz.
3	Qualification and Documentation: IQ, OQ, PQ documents should be provided with system. Test Reports to be provided for Noise level, Smoke test etc.

4	Warranty: 5 years (1 year + minimum 4 years extended warranty).
5	Comprehensive/annual maintenance contract for a period of 2 years post warranty to be provided on completion of warranty period without any cost to Institute.

Note:

- 1. The vendor should visit the site and make a detailed drawing. Inferior designs will be rejected.**
- 2. The instruments should fit in the available floor area at installation site.**
- 3. The vendor will be responsible for the complete installation, testing and handover.**
- 4. Accessories: Required, if any, has to be provided by successful bidder**
- 5. Training and demonstration:**
Training on usage of the machine (hardware) must be demonstrated by the successful bidder free of cost, at bidder's cost to the end users at IISc, Bengaluru.

-----**END OF SECTION**-----

Section 5: Bid

The bid should furnish all requirements of the tender along with all annexure in this section and submitted to

“The Chair

Central Animal Facility

Indian Institute of Science

Bengaluru, Karnataka - 560012,

India”

Annexure-1:

Details of the Bidder

The bidder must provide the following mandatory information & attach supporting documents wherever mentioned:

Sr. No.	Name of the Bidder	
1.	Nature of Bidder (Attach attested copy of Certificate of Incorporation/ Partnership Deed)	
2	Registration No/ Trade License, (attach attested copy)	
3	Registered office address	
4	Address for communication	
5	Contact person- Name and designation	
6	Telephone number	
7	Website and email ID	
8	PAN No. (attach copy)	
9	GST No. (attach copy)	

Signature of the Bidder

Name

Designation and Seal

Date:

Annexure-2:

Declaration regarding experience

To,
The Chair
Central Animal Facility
Indian Institute of Science, Bengaluru, Karnataka- 560012
India

Ref: Tender No: CAF-IISc/BDS-WDS/2024-2025 Dated: 08th January, 2025

Supply and Installation of Automatic Animal Bedding and Animal Water Bottle Dispensing System at the Central Animal Facility, IISc

Respected Chair,

I have carefully gone through the Terms and conditions contained in the above referred tender. I hereby declare that my company / firm has -----years of experience in supplying and installing Automatic Animal Bedding and Animal Water Bottle Dispensing System.

(Signature of the Bidder)

Name

Designation and Seal

Date:

Annexure-3:

Declaration regarding track record

To,
The Chair
Central Animal Facility
Indian Institute of Science, Bengaluru, Karnataka- 560012
India

Ref: Tender No. CAF-IISc/BDS-WDS/2024-2025

Dated: 08th January, 2025

Supply and Installation of Automatic Animal Bedding and Animal Water Bottle Dispensing System at the Central Animal Facility, IISc.

I have carefully gone through the Terms & Conditions contained in the above referred tender. I hereby declare that my company/ firm is not currently debarred / blacklisted by any Government / Semi Government organizations / institutions in India or abroad. I further certify that I'm competent officer in my company / firm to make this declaration.

Or

I declare the following

Sl.No.	Country in which the company is Debarred /blacklisted / case is Pending	Blacklisted / debarred by Government / Semi Government/Organizations /Institutions	Reason	Since when and for how long
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(NOTE: In case the company / firm was blacklisted previously, please provide the details regarding period for which the company / firm was blacklisted and the reason/s for the same).

Yours faithfully

Signature of the Bidder

Name

Designation and Seal

Date:

Annexure - 4:

Declaration for acceptance of terms and conditions

To,
The Chair
Central Animal Facility
Indian Institute of Science, Bengaluru, Karnataka- 560012
India

Ref: Tender No: CAF-IISc/BDS-WDS/2024-2025

Dated: 08th January, 2025

Supply and Installation of Automatic Animal Bedding and Animal Water Bottle Dispensing System at the Central Animal Facility, IISc

I have carefully gone through the Terms & Conditions as mentioned in the above-referred tender document. I declare that all the provisions of this tender document are acceptable to my company. I further certify that I'm an authorized signatory of my company and am, therefore, competent to make this declaration.

Yours faithfully,

Signature of the Bidder

Name

Designation, Seal

Date:

Annexure 5:

Details of the items quoted:

Company Name	
Product Name	
Part/Catalogue number	
Product description/main features	
Detailed technical specification	
Remarks	

Instructions to bidders:

1. Bidder should provide technical specifications of the quoted product/s in detail.
2. Bidder should attach product brochures along with technical bid.
3. Bidders should clearly indicate compliance or non-compliance of the technical specifications provided in the tender document.

Section 6: COMMERCIAL BID

The commercial bid should be furnished with all requirements of the tender with supporting documents as mentioned under:

Sr. No.	Description	Catalogue No.	Quantity	Unit Price	Sub Total
1	Equipment Price				
2	Accessories for operation and installation				
3	All Consumables, spares and software to be supplied locally				
4	Warranty 5 Years (1 year + 4 Years extended warranty)				
5	Cost of Insurance and freight				
6	FOR IISc, Bengaluru				

Buyback, if any

Sr. No.	Description	Quantity	Unit Price	GST	Total

Addressed to,

To,
The Chair
Central Animal Facility
Indian Institute of Science, Bengaluru, Karnataka- 560012
India

SECTION 7 - CHECK LIST

(This should be enclosed with technical bid- Part A)

The following items must be checked before the Bid is submitted:

1. Envelope "A": Technical Bid

- a. Section 5- Technical Bid (each page signed by the authorized signatory and sealed) with the below annexures:

Annexure 1: Bidders details

Annexure 2: Declaration regarding experience

Annexure 3: Declaration regarding clean track record

Annexure 4: Declaration for acceptance of terms and conditions

Annexure 5: Details of items quoted

- b. Copy of this tender document duly signed by the authorized signatory on every page and sealed.

2. Envelop "B": Commercial Bid

Section 6: Commercial Bid

Your quotation must be submitted in two envelopes: Technical Bid (Envelope A) and Commercial Bid (Envelope B) super scribing on both the envelopes with Tender No. and due date and both of these in sealed covers and put in a bigger cover which should also be sealed and duly super scribed with Tender No. & Due Date.