The quotes are invited for providing and installing Animal cage transfer and bedding disposal station to ensure efficient containment as well as animal cage and bottle washer for the upcoming Small Animals Facility for Experimentation (SAFE) at IISER Mohali. The bidder should have some of these systems installed in the national institute of repute in the surrounding region. A reference list of the institute nationally and internationally must be provided. All the documents for certification must be provided at the time of application. Only serious bidders are to quote.

1. Specifications for Dual side Cage Transfer Station
Quantity: 4 units

1. Unit must have access from Dual side, front and back
2. Unit must meet international ISO Class 4 air filtration classification standard
3. Blower motor to be of ECM design for noiseless operation
4. Preferably Double HEPA-Filters, 99.99% @ 0.3µ for better protection
5. Unit to have control panel with Touch-Screen features
6. Filter Condition alarm must be on display unit for real time monitoring
7. Sash be built of tempered Safety Glass
8. Stainless Steel collection pan with Drain Valve for draining
9. Split SS Removable Work Surface for better cleaning of the unit
10. Unit must be hydraulically Adjustable for different heights
11. Unit must be mobile with castors wheels
12. Unit to run on 230V, 50 Hz
13. Illumination feature with min. one fluorescent of >60 Lux
14. **A warranty of at least five years for maintaining its efficiency should be provided after installation. Additionally the quotes for AMC subsequently need to be provided. In case of malfunctioning and /or dysfunctioning of the system, the technical help and service should be available within shortest possible time frame.**

2. Specifications for HEPA Filtered Bedding Disposal Station
Quantity: 1 unit

1. Unit to have minimum of 3 feet width working area
2. Unit must meet international ISO Class 5 air filtration classification standard
3. HEPA-Filter, 99.99% @ 0.3µ for better protection
4. Blower motor to be of ECM design for noiseless operation
5. Post carbon filter is a must for odour arrest
6. Air velocity range should be from 60- to 100 fpm
7. Illumination feature with min. one fluorescent of >100 Lux
8. Unit must be mobile unit with castors wheels
9. Unit to run on 230V, 50 Hz
10. Mobile waste bin must be provided with unit
11. Unit to meet international standards such as ETL & CE
12. **A warranty of at least five years for maintaining its efficiency should be**

provided after installation. Additionally the quotes for AMC subsequently need to be provided. In case of malfunctioning and /or dysfunctioning of the system, the technical help and service should be available within shortest possible time frame.

3. Specifications for Animal cage & Bottle washer
Quantity: 1

1. Washing chamber size chamber volume minimum of 1500 litres
2. Vertical sliding loading door preferred
3. Chamber and doors to be made in stainless steel AISI 316L grade stainless steel with external body made in stainless steel AISI 304 grade stainless steel.
4. Rotating washing and rising arms should be positioned on the top, middle and bottom levels of the washing chamber
5. Multi stage filtering system for efficiency and durability
6. Integrated Washing pump pressure switch should be there
7. Washer Tank and sump temperature check feature must be included
8. Machine must have at least 1 dosing pump for dosing either alkali or acid, controlled by a micro-processor controls which allows to modify the required dosing quantity for each type of cycle
9. Safety feature for checking of chemical dosing (acid/alkali) with minimum level alarm must be there.
10. LCD display for operator settings should be built-in and a minimum of 30 programs should be available
11. Both washing and disinfection temperature to be adjustable up to 85°C
12. Independent rinsing system is must.
13. Each washing level must have minimum two rotating washing arms
14. Loading of cages and bottle racks must be from front.
15. There should be a minimum of 2 washing and rinsing levels
16. System must be suitable for washing 40 – 50 cages on per cycle basis with total capacity of washing 800 – 1000 cages on per day basis
17. Must be possible to wash more than 100 bottles in one wash cycle
18. Self cleaning filter for recirculation of water
19. Exhaust fan must be included
20. All accessories like baskets for washing bottles, nozzles etc must be supplied along with system, atleast 4 nos of baskets to suit different sizes of cages i.e sizes Type II & Type III etc., crate for washing bottles of 250ml & 400ml must be supplied – 3 each, other accessories must be quoted in optional items
21. RS 232 port must be provided for printer connection.
22. Unit must be certified for international standards such as CSQ MED ISO 13485 & ISO 9001 and certificates need to be included.
23. **A warranty of at least five years for maintaining its efficiency should be provided after installation. Additionally the quotes for AMC subsequently need to be provided. In case of malfunctioning and /or dysfunctioning of the system, the technical help and service should be available within shortest possible time frame.**