

AMENDED TECHNICAL SPECIFICATIONS FOR SMOKING CHAMBER

Tender Specifications	Amended Specification as per Pre bid meeting on 9-10-18
General	
Inhalation exposure system to expose experimental animals to agrochemical and pharmaceutical test articles, phytochemicals by whole body and nose-only exposure methods which is suitable for small animals like mice, rats, Guinea pigs and cell culture system	No Change
System should be used for screening NCE, respiratory diseases, inhalation toxicity, tobacco or e- cigarette studies, nano materials testing etc. It should be automatic for lighting, positioning and ejection of cigarettes (it may be Quoted as optional)	No change
1). Nose only/ whole body inhalation exposure Tower	
Nose only inhalation manifold to expose at-least 6 rats/mice to test aerosol with at least two sampling ports. In future upgraded to man more animals.	Nose only inhalation manifold (made up of stainless steel /equivalent) to expose at-least 6 rats and mice to test aerosol with at least two sampling ports. System should have facility to upgraded for more than 6 animals.
Should have integration facility with aerosol delivery systems, cascade impactors, smoke generators and particle counter etc.	No Change
The system should have Top and bottom ports, for delivering aerosols, gases and dusts etc.	No Change
The system should have adaptors, restrainers to hold rats/mice nose only.	No Change
The system should have Easy assembly & disassembly for maintenance and cleaning	No Change
It should have a Data recording/monitoring facility for Temp, RH, O2, CO2 and flow meter etc.	No Change
The system should also provide with whole body system and cell culture system	The system should also provide with whole body system and cell culture system (required quote as optional item)
	System should have Photometric sensor or equivalent to detect the exact volume nebulised in to the nose of the animals

2. All in One Controller unit	
Controller should have inbuilt Driers and Filters.	No Change
System should be quoted with suitable computer and provides for recording the data	No Change
The pressure should be monitored in real time, providing instant feedback and uses rapid response valves to allow the excess pressure to vent as needed.	No Change
The system must be supplied with capability for measurement of temperature and relative humidity continuously during the exposure.	No Change
3. Accessories	
Animal restraint tubes suitable for at least 6 Mice/Rat/guinea pigs should be provided.	Animal restraint tubes suitable for at least 6 Mice. Restrain tubes for rat and guinea pig may quote as optional items
The restrainer tubes does not compress thoracic cavity as with typical plunger style chambers	No Change
It should provide consistent placement of nose from subject to subject	No Change
4. Documentation	
Installation & Demonstration at site to be provided.	No Change
International certificate of quality assurance/IQ, OQ and PQ as per GLP/OECD.	No Change
The system should work with complete safety measures.	No Change
System should provide 2 years warranty	No Change
5. Automatic Smoke Generator (Should quote as optional item)	
It should allow control of puff volumes and rates, including industry standard puff settings.	No Change
It should have an option of Direct smoke and indirect smoke through separate ports.	
It should have cleanable glass door and chamber ceiling to allow a clear view of the smoking cigarette.	
The system should be of compact size which can fit to small lab spaces.	
System should provide the cigarettes smoking kit (minimum 2000 cigarettes required connection, tubing accessories to full fill all the application mentioned above.)	

As NIPER is in established stage, it is the reasonability of venders to shift the equipment to permeant campus if NIPER is shifted within the warranty period.	No Change
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General Terms and Conditions applicable to all 06 tenders published in newspaper on 28th September, 2018 and exhibited in NIPER Guwahati website.

Following additional information is provided for the information of prospective bidders for 06 different items for which tender inquiry is issued:

1. Payment terms:

Considering the request made by few prospective bidders during the pre-bid conference held in the institute on 9th October 2018, regarding payment terms related with foreign suppliers it is clarified that the **indicated payment terms in the tender documents still remains unchanged**. However Director, NIPER Guwahati **at his own discretion** can consider any other mode of payment requested by suppliers based on the reputation, credentials of foreign suppliers in the field and also protecting the interests of NIPER Guwahati. **No request for advance payment will be considered.**

2. Clarification with regard to projecting the cost implications of free delivery of the item at NIPER Guwahati premises.

Subsequent to the Pre-bid conference with regard to projection of price for items coming from abroad, the following guidelines may be followed:

A) The F.O.B. C.I.F., C.I.P. prices as per the suppliers quote should be indicated in foreign currency only

B) The additional cost towards payments of custom duty against duty exemption certificate provided by the institute, clearance charges, forwarding consignment from port of clearance to NIPER Guwahati premises etc. can be quoted in Indian currency.

For comparing the price with other bids, the institute at the time of preparing comparative chart for the tenders, the total F.O.B., C.I.F., C.I.P. cost will be converted into equivalent Indian currency at the exchange rate prevailing on the date of tender opening i.e. 30th October 2018 at 15:00 hours IST and add the equivalent Indian currency value to the clearance and forwarding charges indicated by the supplier.
