

# **ADVERTISEMENT FOR EQUIPMENT PURCHASE AT KEM HOSPITAL**

Free tenders are invited for Operant Conditioning Chamber of rat at Department of Pharmacology & Therapeutics, Seth G S Medical College and KEM Hospital for the project funded by EMR scheme of Ministry of AYUSH, New Delhi. The specifications are as follows

## **Technical Specifications for Operant Conditioning Chamber for rat**

**Scope: Supply, installation, testing and commissioning** of Operant Conditioning Chamber for rat to the following technical specifications, terms and conditions

1. The chambers should be equipped to carry out the basic schedules of Operant Conditioning procedures.
2. Chamber dimensions for rats:
  - Dimensions (internal) – approx. 30 cm x 24cm x 28 cm
  - Dimensions (external) – approx. 32cm x 25cm x 34 cm
  - Base Dimensions – approx. 53.3 cm x 35 cm x 1.3 cm
3. Material Composition: Stainless steel/aluminium/Methacrylate
4. Power Requirements: 220V  $\pm$  5%, 50  $\pm$  1%
5. The chamber should be able to carry out all the basic schedules of Operant Conditioning procedures like :
  - Electronic counting of Responses and Reinforcements
  - Extinction, Discrimination
6. Equipment should be provided with-accessories as below for adapting the system to both standard and user designed paradigms as given below:
  - liquid dispenser
  - light stimuli,
  - 2 leversShould be upgradeable to pellet dispenser
7. Software suitable for user customized experiments with the following features
  - a. Modular structure (targeted to specific experiments or fully customizable)
  - b. Easy to use tool for protocol configurations (no need of specific programming skills)
  - c. Operant chamber simulator tool

- d. Test boxes function for hardware checking purpose
  - e. Built-in Yoked procedure settings
  - f. Integrated potent analysis module and plot makers
  - g. Batch analysis and direct exportation to Excel (1 session per row)
8. The company should provide excellent after sales service and application support.
  9. Onsite help and training should be provided on an as-needed basis
  10. 3 years of Warranty and 3 years of AMC should be provided.
  11. Operating manual and service manual should be provided CE Certifications is a must.
  12. Computer Requirements: Windows 8 or above, Intel core I 5 processor, 4 GB RAM, 500 GB hard disk, 1280 x 800 display, DVD R with Microsoft office installed along with 15 min UPS backup.

**\*Kindly send us two original copies along with rubber stamp**

Last date of Quotation submission: **30<sup>th</sup> April, 2016** on or before **12:00 pm in the afternoon**

Kindly send us the **sealed** quotation at the following address as mentioned below:

**“Quotation for Operant Conditioning Chamber for rat” AYUSH Project,**  
**Diamond Jubilee Society Trust, Department of Pharmacology & Therapeutics,**  
Seth GSMC and KEMH, College Bldg 1st Floor,  
Parel Mumbai 400 012  
Kind Attention: Dr. Padmaja A. Marathe

For any Queries please contact: Dr. Padmaja A. Marathe  
Contact Number: 9619466099