**Commodity description**

**for Animal Bedding Dispenser**

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| **Item No.** | **Korean Government Commodity Classification Code(eight-digit)** | **Description** | **Unit** | **Q’ty** |
| 1 |  | Animal Bedding Dispenser | system | 1 |

**Ⅰ. Purpose**

This system is used for automatic bedding distribution in animal rooms. It increases the reproducibility and convenience of the experiment by adjusting the amount of bedding after setting the amount of bedding to suit the purpose, and by setting the height of the equipment according to the physical condition.

**Ⅱ. Configurations of Goods**

-Main body-

1. Bedding Dispenser: 1 ea

**Ⅲ. Performance and Specification**

**- Performance**

1. This equipment is used inside animal research facilities and shall be equipped with functions to prevent dust, corrosion, and noise.
2. To minimize noise generation, the bedding distribution system must be a screw type.
3. The bedding must be divided in quantity and it should have at least two sensors to allow simultaneous distribution of two cages (dual cage dispending).
4. It should be possible to protect operator safety by minimizing the dust generated when bedding is supplied through the dust control function.
5. It should be designed to minimize the working space and make it easy to move.
6. It should be able to handle cages of various sizes in the system including mice, rats, and guinea pigs.
7. It should be possible to adjust the amount of bedding to suit the purpose by time control.
8. The position of the bedding storage should be adjusted so that anyone can conveniently supply bedding, and cleaning and replacing the bedding should be easy.
9. It should be manufactured with a wide worktable so that any operator can work conveniently.
10. A filter should be installed as a two-level so that it can be filtered to protect operator from dust.

**- Specification**

1. Material : STS 304
2. Bedding storage capacity : a minimum of 150 L
3. Application of Pre-filter & HEPA filter (0.3㎛ HEPA filter efficiency : 99.97 %)
4. Electrical supply : 220V / 50~60Hz
5. Lighting : LED ≥700Lux
6. Noise : ≤70dBA

**Ⅳ. Remarks**

1. Two years warranty service will be provided.
2. The supplier afford training course for end-users.
3. Installation and operation on the system should be performed at the place where the customer intends to use, and the supplier must provide user training which must be conducted by certified engineers from the manufacturer.
4. The supplier should provide a data and documents including HEPA Filter individual test certification to prove that product catalog, specifications and other details are correct, and the provided all documents and data should be reviewed and analyzed by customer to determine.

**Ⅴ. 위 규격서에서 명시한 제품과 동등 이상의 다른 제품 납품이 가능한 업체는 입찰에 참가할 수 있음’.**