SECTION 11001

OWNER-PURCHASED ITEMS

PART 1 - GENERAL

1.01 DESCRIPTION

A. This Section describes the requirements for the following:

1. OPCI Items: Provide utility and rough-ins and installing Owner-furnished items.

2. OPOI Items: Provide utility and rough-ins as required for Owner-furnished and installed items.

1.02 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Store and handle products upright and in accordance with the manufacturer's instructions.

B. Protect items as required to prevent damage during storage and construction.

PART 2 - PRODUCTS

2.01 GENERAL PRODUCT REQUIREMENTS

A. Contractor's Responsibilities:

1. Verify mounting and utility requirements for specified items.

2. Provide mounting and utility rough-in for items where required, regardless of equipment responsibility designation.

a. Rough-in locations, sizes, capacities, and similar type items shall be as indicated and required by product manufacturer.

b. If the Owner substitutes items similar to those scheduled, there shall be no change in rough-in cost, unless substitution occurs after rough-in has been completed or rough-in involves other mounting requirements, utilities or utilities of different capacity from that required by item originally specified.

3. For items designated to be Owner furnished, the Owner will make available manufacturer's literature or information and shop drawings showing required mounting and rough-in information.

B. Items Purchased and/or furnished by the Owner, installed by the Contractor (OPCI):

1. General: The Owner and the Contractor will coordinate deliveries of items to coincide with construction schedule.

2. The Owner will furnish OPCI items with rough-in dimensions and characteristics indicated and tailgate deliver equipment to the site.

3. The Contractor Shall:

a. Receive items at site and give written receipt at time of delivery, noting visible defects or omissions; if such declaration is not given, the Contractor shall assume responsibility for such defects and omissions.

b. Store items until ready for installation and protect from loss and damage.

c. Uncrate, assemble, and set in place.

d. Provide required backing plates and structural supports.

e. Install items in accordance with manufacturer's recommendations, instructions, and shop drawings under supervision of manufacturer's representative where specified, supplying labor and material required and making mechanical, plumbing, and electrical connections required to operate items.

C. Compatibility with Space and Service Requirements:

1. Items shall be compatible with space limitations indicated and with mechanical and electrical services indicated and specified in other Sections.

2. Modifications to items required to conform with space limitations or with utility services specified for rough-in shall not cause additional cost to the Owner.

D. Manufacturer's printed descriptions, specifications, and instructions shall govern the work unless specifically indicated or otherwise specified.

E. Specifications, standards, tests, and recommended methods cited in this Section to govern use of items shall also govern component parts.

2.02 OWNER-PURCHASED ITEMS (Partial List)

A. Owner-Purchased, Contractor Installed (OPCI) Items: See floor plans, interior elevations and Equipment Schedule for location.

1. Display wall surfaces.

2. Grooming tubs.

3. Appliances as scheduled.

4. Washers/dryers.

5. Prep and exam table (wet) as scheduled

6. X-ray viewers.

7. T-kennels, except where indicated to be CPCI.

8. Video projectors.

9. TV monitors.

10. Telephone system.

11. Security system.

12. Computer system.

13. Hand sanitizers.

14. Additional OPCI items are indicated or scheduled on the Drawings.

B. Owner-Purchased and Installed (OPOI) Items:

1. Dog and cat cages shown dashed.

2. Chemical Cleaning System (by Spray Master Technology - SMT) in its entirety including pumps, chemical 55 gallon drums, stainless steel tubing and RCU's. Contractor to coordinate all work with Installer (SMT). While this is a turn key operation by SMT, it will involve careful coordination and scheduling with SMT so as to allow them to run their tubing from the pumps shown in the various rooms to the RCU's in the animal rooms. Bidding contractors are encouraged to call SMT @ 1(800) 548-3373 to clarify the scope of their work and the coordination efforts required by the general contractor. Wall backing, blocking and provisions for the RCU's is included in the Contract.

3. Furniture.

4. Surgery tables as scheduled.

5. Prep and exam tables (dry) as scheduled.

6. Table lift.

7. Grooming tables.

8. Grooming tub.

9. Euthanasia table.

10. Cage dryers.

11. Autoclave.

12. Portable hydraulic lift.

13. Vending machines

14. Additional OPOI items are indicated or scheduled on the drawings.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Install items in accordance with the manufacturers' instructions.

B. Set items securely in place, rigidly or flexibly mounted in accordance with manufacturer's directions.

C. Securely attach to backing plates and structural supports as required.

D. Where items are welded to embeds or similar installed supports, welding quality shall comply with applicable specifications specified in Section 05505, and when exposed in the completed work, shall be smooth, flush and imperceptible.

E. Make electrical and mechanical connections as indicated and required.

F. Touch-up and restore damaged or defaced finishes.

3.02 ADJUSTMENT, CLEANING, AND PROTECTION

A. Repair or replace items not acceptable to the Architect.

B. Upon completion of installation, clean items in accordance with manufacturers' recommendations, and protect from damage until final acceptance of the work.

3.03 TESTING

A. Contractor-installed items shall be tested after installation in the presence of the Owner, Architect, and equipment manufacturer, where required.

B. Correct defects or replace and retest as required. Repairs, replacement, and re-testing shall be made at no additional cost to the Owner.

END OF SECTION

SECTION 11013

CENTRAL VACUUM CLEANING SYSTEM

PART 1 - GENERAL

1.01 DESCRIPTION

A. This Section describes the requirements for furnishing and installing central vacuum cleaning system.

B. Related Sections:

1. Electrical requirements are specified in Division 16.

1.02 SUBMITTALS

A. Product Data: Manufacturer's specifications and installation instructions. Include layout showing location of components, routing of tubing and exhaust, and operating and maintenance instructions.

1.03 QUALITY ASSURANCE

A. Certification Labels: Furnish central vacuum cleaning system with UL labels.

1.04 PRODUCT DELIVERY AND STORAGE

A. Deliver central vacuum cleaning system to Project site in manufacturer's undamaged protective containers.

B. Store materials in a dry protected area in manufacturer's protective containers, away from construction traffic and debris areas, until installation.

PART 2 - PRODUCTS

2.01 APPROVED MANUFACTURER

A. Sequoia Vacuum Systems Model SV400 or approved equal.

2.02 MATERIALS AND FABRICATION

A. Provide complete system ready for connection to electrical power with components as required for complete operational installation.

1. System: Central vacuum system.

2. Outlets: Provide as indicated for work stations.

3. Hose: Manufacturer's standard vacuum hose with on/off handle switch, standard attachments and storage rack.

4. Faceplates: Satin chrome plated.

5. Accessories: Provide main air duct, branch lines, control wiring, and accessories as required for complete operational installation.

B. Electrical components shall be UL listed and approved.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Install central vacuum cleaning system in accordance with manufacturer's instructions and recommendations.

B. Securely anchor built-in components to supporting construction with fasteners recommended by manufacturer. Verify that clearances are adequate for proper operation and rough openings are completely concealed.

C. Refer to Division 16 for electrical requirements.

3.02 ADJUST AND CLEAN

A. Test vacuum cleaning system to verify proper operation. Make necessary adjustments.

END OF SECTION

SECTION 11027

LOCK BOXES

PART 1 - GENERAL

1.01 DESCRIPTION

A. This Section describes the requirements for furnishing and installing lock boxes.

1.02 SUBMITTALS

A. Product Data: Manufacturer's descriptive and technical data and installation details.

1.03 QUALITY ASSURANCE

A. Coordinate ordering lock boxes with local Fire District.

PART 2 - PRODUCTS

2.01 LOCK BOXES AT MAIN PUBLIC ADOPTION/RETRIEVAL, CLINIC AND STAFF ENTRANCES

A. Approved Manufacturer: Knox Company "Knox-Vault 4400 Series" or approved equal.

1. Construction: Heavy-duty, high security, ¼-inch thick plate steel housing.
2. Door: 5/8-inch solid steel with interior gasket seal and stainless steel hinge.
3. Lock: UL-listed, double-action rotating tumblers and hardened steel pins accessed by a biased cut key, with 1/8-inch stainless steel dust cover with tamper seal mounting capability.
4. Size: 7-inches high x 7-inches wide.
5. Mounting: Recessed.
6. Color: As selected by Architect from manufacturer's standards.

B. Fastenings: Non-ferrous, type to suit installation conditions.

2.02 LOCK BOXES AT SALLYPORT ACCESS GATE

A. Approved Manufacturer: Knox Company Model 3200 or approved equal.

1. Construction: Heavy-duty, high security.
2. Door: ½-inch solid steel.
3. Size: 7-inches high x 7-inches wide.
4. Mounting: Recessed.
5. Color: As selected by Architect from manufacturer's standards.

B. Fastenings: Non-ferrous, type to suit installation conditions.

C. Key Control Switch: Knox #3502 single switch. Provide in lock box.

PART 3- EXECUTION

3.01 INSTALLATION

A. Install lock boxes at locations indicated in accordance with manufacturer's instructions.

B. Securely fasten in place with sides plumb and level.

C. Exposed surfaces shall be free from scratches, tool marks, and other damage and defects.

END OF SECTION