



**ADDENDUM NO. 8
VETERINARY MEDICAL CENTER
REQUEST FOR BIDS #10-1638
June 25, 2010**

Acknowledge receipt of this addendum by inserting its number in the Proposal Form. The contents of this addendum are to be covered in the bids and in closing the Contract will become a part thereof. Changes noted herein affect only the specific words in paragraphs mentioned and the balance of the Drawings and/or Specifications remains in full force.

QUESTIONS:

1. Plan Sheet E2.1 shows PC (Photo Cells), we don't see a description for them, what are they ?

See Section 26 09 26 2.01C.

2. Plan Sheet E2.1 shows Dimmers, what are they ?

See correction in this addendum.

3. Plan Sheet E2.1 Key Notes 2,3,&4, is there a Structural Support Design ?

Yes, see S2.1, 3/S2.5, and 4/S2.5.

4. Section 061000 Rough Carpentry specifies 3x6 decking, structural drawing S2.1 calls for 2x6. Please advise whether 2x6 or 3x6 is correct?

Please see Addendum #7. The decking is to be 2x6 per structural.

5. Section 061000 Rough Carpentry specifies 3/4" roof sheathing, structural drawing S2.1 calls for 3/8" CDX. Please advise which is correct?

Please see Addendum #7. The sheathing is to be 3/8" per structural.

6. Can you advise where the polycarbonate material specified in section 066000 2.01 C is located? Please provide detail and sheet number?

See General Notes at 2/A8.2.

7. Can you please advise where the mirrors are specified that are shown on the reflected ceiling plan in Dens N and S and outside Den R – notes 4,5 & 6 respectively on sheet A9.1?

The descriptions in these key notes are the only specifications for these mirrors. Provide Duramir or Equal.

8. Section 083600 Overhead Doors 1.01 A.1 calls for manually operated sectional overhead doors. Likewise 2.02G calls for manual operation – Chain Hoist. Conversely 2.01A calls for Electric Operated Overhead Sectional Doors and 2.02 H calls for electric operation. Are the doors manually operated with a chain hoist or electrically operated?

Please see addendum #7. The doors are to be electrically operated.

9. Section 27 41 16, Part 2.02 Lobby 100 Video System 3. 'Speaker (4) Wall Mount No Brand/Model specified or performance specs. These speakers will require an amplifier, but none is mentioned other than a location called out of Drawing E3.1A Keyed Notes # 22

Yes, see clarification in this addendum.

10. Section 27 41 16, Part 2.02 Radiology Room 113 Video System
Functionality: 'Monitor to receive signal from the X-ray digital output.
Q2: Can you tell me the Video Format & Connector Type of the X-ray output?

The computer, x-ray equipment, and cabling are existing. The new monitor will be connected to the existing computer.

11. Section 27 41 16, Part 2.02 Kitchen Room 162 Video System
Functionality: 'Computer to be capable of being connected to the network.'
Q3: There is no computer in the specification.

Yes, see clarification in this addendum.

12. Section 27 41 16, Part 2.02 Lab Room 125 Video System
Functionality: 'Computer to be capable of being connected to the network.'
Q4: There is no computer in the specification.

Yes, see clarification in this addendum.

13. On drawing # A3.1 Detail 1 Section-Grid 3 shows tops in Den M #154 & N #160

Then when I go to Drawing A9.1 reflected ceiling plan it shows no top in that area I am under the impression that Den S #159 is the only cage in this area with a top. Only because it call out mesh 11'7" AFF.

Please see SDA-33 from addendum 5. The dens that have operable panels only have (1) caging ceiling at or near 11'-0" a.f.f.

14. Plan Sheet E3.1b show a Medical Utility Column in Room 114, what is it ?

It is an enclosure to provide medical gases, vacuum, & power to the surgery & treatment tables. See Sheet A6.6, P2.5, & 5/P6.5

15. Plan Sheet EO.1 Symbols, Item 25 left, (Specially Configured Receptacles)-type U.O.I. A,B,C, or *. None of the Special Receptacles are marked by these designation, please clarify ?

This is a generic symbol list, not all symbols are used on every project.

16. Plan Sheets E2.1 through E3.1C are drawn to an obsolete Code, are we to use multi pole Breakers rather than those shown to correct this?

Specifications Section 26 24 16 Panelboards Paragraph 2.01 A. 6. specifies breaker handle guards for each panelboard as a means to simultaneously disconnect all ungrounded conductors at the point where the branch circuit originates. Please refer to 2008 Oregon Electrical Special Code effective date April 1, 2008

17. After reviewing the Switchboard change out required, it is not possible to accomplish this without at least 6-8 hours of down time while reconnecting the five Feeders to a Generator, then again when the new Waterproof Feeder splices are made, is the Zoo aware of this fact ?

Yes.

18. Is it allowable to use the Zoo Generator to accomplish the Temporary Power needed for item 17, if the fuel is immediately replaced?

Yes.

19. Panels A & A1/S1.5 have detail cuts on the right side 2-5/S1.2 that do not exist.

The details cuts noted here should be 2-5/S1.6. See correction in this addendum.

20. The first item on wall legend on sheets S1.1 & S1.2 indicates many CIP concrete walls. These walls on Arch drawings are mostly metal framed gypboard. Please clarify.

The architectural drawings are correct. See correction in this addendum.

21. On sheet S1.1 at grid F.5---5.5, the TOF is not correct.

See correction in this addendum.

22. On sheet S1.1, need to show footing elevations at garage.

See correction in this addendum.

23. How thick is planter wall per 5/A1.1?

See correction in this addendum.

24. Sheet A1.1 & A2.1, where does concrete stop and crushed rock begin?
The 2 drawings appear to conflict. Refer to notes 13-22-23????

A1.1 is correct. The hatch on A2.1 at the north and east side of the building is incorrect. See correction in this addendum.

25. Sheet S1.1 at grid C-4 & C-5, the detail bubble should be 12/S1.4.

Yes, see correction in this addendum.

26. Do you need detail 3/A1.1 at garage entry if you have it at road, or vice versa????

Yes, we want to protect where the concrete transitions down to the garage.

27. The south & west sides of access floor are to be formed per detail 2/S1.3, from S1.1.
This detail has a vertical note of 18" max. The access floor noted on Architectural is 30"

The architectural is correct. See correction in this addendum.

28. The exterior footing on the south side of tech area is noted to be -2.5' below finish floor.
The access floor is 30" deep. This does not allow for the 4" SOG.

This footing will be at -3'-0" below finish floor. See correction in this addendum.

29. Should the typical tilt wall connection have an embed for welded connection at the footing?

No, the dowelled connection to slab is adequate.

30. Sheet S1.1, the detail bubble at spread footing 10 does not make sense near grid C-1.

This detail bubble should read 9/S1.3. See correction in this addendum.

31. Addendum #5 added detail 4/A8.12 (SDA-32). How many of these?
The addendum narrative does not mention this added detail.

This detail is clarified in this addendum. The quantity and location of these can be found at the First Floor Caging Plan and the Recessed Den I-Bolts Schedule on sheet A8.1

32. The SDA-32 sheet is listed as "Receiving Area & Outdoor Dens" on addendum list?

The correct title for the sheet is "Recessed Enrichment Ring"

33. There is a barn door shown in the receiving area on elevation sheet A3.2.

Yes, it is shift door SD-Y and is detailed at 2B/A8.6.

34. Are there any plans to widen the road near the existing medical building to allow for larger traffic to come down the driveway toward the new facility from the gate?

No.

35. Is the architect open to revised panel layouts to accommodate delivery on public roadways to the jobsite?

The panels may be cast on or off-site at the contractor's option. Any modification to the drawings must be approved by the owner. Any added engineering costs must be paid for by the contractor.

36. Are you going to award this to the lowest responsible party or are you going to throw them out and do it yourselves, like you did before?

This is public bond money. The plan is to award the contract to one of the eight general contractors who qualified in Step One of this RFB.

37. What about parking?

The zoo will provide 20 parking spots to the General Contractor. It's up to the General Contractor to decide how to assign those 20 spots. It may be possible to get 14 or 15 of those spaces in the vicinity of the Veterinary Medical Center site. The other five or six parking spaces would be in the staging area in the upper parking lot, between the fences. That parking and staging area is about a half-mile from the VMC site.

38. For trees that are to be cut, is it okay to leave stumps on the site?

No trees are intended to be cut outside of the disturbance area. It's up to the General Contractor to decide how the tree cutting and removal is to be handled. The zoo is not going to prescribe methods or means for the General Contractor. Trees, limbs, stumps and roots shall be removed from the site.

39. Is the staging area next to the VMC site?

No. The main staging area is in the upper parking lot, between the two fences. This is about a half-mile from the VMC site. Some limited staging will be available at the VMC site, at the direction of the General Contractor.

40. What is access for staging large items, such as glue lam beams?

See #39 above. The zoo is not going to prescribe methods or means for the General Contractor.

41. How will contractors access the site?

Site access will be from SW Kingston Street.

42. What are the specifications on the generator?

Kohler 7500R02D, Serial #263151, 277/480 volt, 720 KW, 900 KVA, 1083 AMP, Diesel – 2000 Gal. Tank, 19 years old.

43. Is the new grade beam at the gate on Kingston going to be adequate to handle heavy truck traffic?

Yes.

44. At the Family Farm Gate is it the swing or the slide they want the separate price on they both connect into the building?

Both.

45. Is a new Bid Form going to be issued to add Alternate #6 added in Addendum #5?

Yes, it is included in this addendum.

46. Addendum #5 call to replace Paragraphs in Section 12 30 00 with Detail SDA-1. There is no Section 12 30 00.

The section should be 12 31 00 referring to SDA-14.

47. Details SDA-28, 29, and 32 were included with Addendum #5 but no narrative direction was given. I presume these are revisions and/or replacements to details on A8.12?

Yes, the narrative is included in this addendum.

48. I cannot locate the footings for the cast-in-place retaining walls adjacent the soil-nail wall. Am I missing a detail?

The detail is located on Sheet S3.2

49. Can you advise where the Ultra High Molecular Weight Polyethylene material specified in section 066000 2.01 C is located? Please provide detail and sheet number?

See 1/A8.9 and related details

50. Can you advise where the acoustical wood panels and the wood ceiling panel grilles material specified in section 062000 3.01 G & H is located? Please provide detail and sheet number?

See correction in this addendum.

51. Can we use weed control spray in removing invasive vegetation in mitigation areas?

No

52. Will removal of stumps/roots be required in removing invasive vegetation?

Yes

53. What type and depth of topsoil is required for water quality areas?

Follow water quality planting specifications on the drawings

54. Will Browse Protection be required for the plants in mitigation areas?

The contractor is responsible for maintaining the plants for two years using all practical means available

DRAWINGS:

GENERAL:

The following Drawings are added to the documents and attached to this addendum:

8 ½ x 11 Format Drawings:

SDA-32	Recessed Enrichment Ring (detail reissued – no change to drawing)
SDA-44	Partial First Floor Caging Plan
SDA-45	Den W
SDA-46	Den W
SDA-47	Partial Caging Plan
SDA-48	Hoofstock Den Panel Layout
SDA-49	Room 119 Surgery
SDA-50	Scale Indicator Enclosure
SDA-51	Scale Indicator Enclosure

SHEET C3:

SITE PLAN:

CLARIFICATION: "6" diameter perforated pipe at base of soil nail wall as shown on Geotechnical drawing 3.0 to be tied into storm line at Storm Drainage Construction Note 20."

SITE PLAN:

CLARIFICATION: "Foundation drains are to be provided around entire building as shown on wall sections and as described in section 33 46 00 and to be tied into storm line at Storm Drainage Construction Note 20 and at the catch basin at Storm Drainage Construction Note 16."

SHEET A1.1:

5/A1.1:

CLARIFICATION: "The planter wall is to be 8" wide"

SHEET A2.1:

First Floor Plan:

CLARIFICATION: "The area of crushed rock to the north and east of the building starts at the east of the gate near Grid Line '3'; and extends east around the corner to the gate south of Grid Line 'B'."

SHEET A6.6:

2/A1.1:

REPLACE the entire detail with the detail on attached sheet SDA-49.

3/A1.1:

DELETE dimension 1'-2". Dimension shall be per 1/A6.10

SHEET A6.8:

DETAIL 1 – ENLARGED PLAN:

ADD note: "See 8 & 9/A6.9" at Equipment W.

SHEET A6.9:

ADD detail 8/A6.9 on the attached SDA-50.
ADD detail 9/A6.9 on the attached SDA-51.

SHEET A6.10:

CLARIFICATION: "The depth of the upper cabinets may be up to 14" depth."

SHEET A6.12:

DETAIL 1:

CLARIFICATION: "The sloped top may also be 8" high in lieu of 60 degrees as shown."

DETAIL 14:

CLARIFICATION: "The power strip location and installation requires the upper cabinets to have side openings to accommodate it. Coordinate with Division 26."

SHEET A8.1:

CAGING PLAN:

ADD attached Sheet 'SDA-44'- "Partial First Floor Caging Plan". Balance of Sheet A8.1 remains in effect.

SHEET A8.4:

DETAIL 4 - WEST:

ADD attached Sheet 'SDA-47' refer to upper portion of drawing- "Partial Keeper-153".

SHEET A8.6:

ADD detail 7/A8.6 on the attached SDA-45.
ADD detail 8/A8.6 on the attached SDA-46.

SHEET A8.7:

ADD detail 2A/A8.7 on the attached SDA-48.

SHEET A8.12:

ADD detail 4/A8.12 on the attached SDA-32.

SHEET A8.18:

CAGING CEILING PLAN:

ADD attached Sheet 'SDA-47' refer to lower portion of drawing - "Partial Reflected Ceiling Caging Plan".

SHEET S1.1:

REPLACE the description of the first wall type with the following: "Indicates steel stud wall, see architectural".

SHEET S1.1:

CHANGE the top of footing notation at the concrete footing at Gridlines F-F.5 & 5.5 **from:** " -2'-6" " **to** " -1'-6" ."

SHEET S1.1:

CLARIFICATION the top of footing at the concrete footings at the overhead door at the GARAGE is to be -3'-6".

SHEET S1.1:

REPLACE the sheet number of the detail callout 12/S21.4 between Grid Lines "4 & 5" with the following: "S1.4"

SHEET S1.1:

REPLACE the detail callout 16/S1.4 at Footing 10 near between Grid Lines "C1" with the following: "9/S1.3"

SHEET S1.1:

CHANGE the top of footing notation at the concrete footing at the access floor area **from:** " -2'-6" " to " -3'-0" ."

SHEET S1.2:

REPLACE the description of the first wall type with the following: "Indicates steel stud wall, see architectural".

SHEET S1.3:

CHANGE the footing dimension at the access floor **from:** "18" MAX. " to "30" ."

SHEET S1.5:

REPLACE the sheet number of the detail callout 2-5/S1.2 to the right of PANEL A with the following: "S1.6"

SHEET E0.2

DETAIL 1 – ELECTRICAL ONELINE DIAGRAM:

ADD "1200A" feeder symbol between NL4MDP and 750KW generator.
Change secondary conduits between PGE pad mount transformer and NL4MDP to " (5)4"C " .

SHEET E0.4

SCHEDULE - PANEL LM2:

CHANGE breaker at 38,40,42 to 30/3. Change three single pole breakers at 15,17,19 to one three pole 20/3 breaker.

SHEET E1.1

DETAIL 1, ELECTRICAL SITEPLAN: Add (5)4"C PVC underground secondary conduits between padmount transformer and new switchgear buried 36-inches below finished grade, field coordinate best path.

SHEET E2.1

DETAIL 1 – FIRST FLOOR PLAN LIGHTING

ADD dedicated lighting circuits for surgery lights as follows:

Surgery 114: “H1 – 17”

Treatment 112 North: “H1 – 19 “

Treatment 112 Center: “H1 – 21”

Pathology 126: “ H1 – 23”

SHEET E3.1C

DETAIL 1 – FIRST FLOOR AREA C – POWER AND COMMUNICATIONS – PUMP ROOM 164:

ADD wiring size “3/4”C, 3#10, #10G” adjacent to mechanical equipment PFS-1 circuits 38,40,42.

KEYED NOTE 7:

REPLACE “ 20”w x 20”w x 5-3/8”D” with “See 8/A6.9”

SPECIFICATIONS:

GENERAL:

The following Sections are added to the documents and attached to this addendum:

SECTION 00 41 00 Bid Form

Section 00 41 00

REPLACE the bid form page with the page included in this addendum

Section 06 20 00

Paragraph 3.01 G

DELETE: paragraph in its entirety.

Paragraph 3.01 H

DELETE: paragraph in its entirety.

Section 07 50 00

Paragraph 1.04 B4

DELETE: paragraph in its entirety and replace with:

“4. Albedo Data: Provide information identifying the SRI, solar reflectance of the following for roofing products provided under Work of this Section.

- a. SRI to be a minimum of 78
- b. Provide reflectance by using a white emulsion or white granular face top sheet

Section 08 45 23

Paragraph 2.03 A1

DELETE: paragraph in its entirety and replace with "Thickness: 100 mm (4 inches)."

Section 11 72 00

Paragraph 2.01 A

ADD the following: "Provide 24" drain board on right."

Section 12 31 00

Paragraph 1.03 A

ADD the following: "8. Rodent and Roach proofing: Provide steel blocks and or sealant to prevent roaches, mice and other pests from entering into hollow tubular sections of the cabinet in both the vertical and horizontal direction."

Section 21 13 00, Article 1.02 – Work of other Divisions, Paragraph F 3: Revise as shown.

Note: Additions are shown in bold, deletions have a strikethrough.

F. Work of Other Divisions:

3. **Where space is limited or coordination with other trades is required**, provide AutoCAD drawings and files to other trades for coordination. Prepare accurate shop drawings showing the actual physical dimensions required for the installation. Submit prior to purchase/fabrication/installation of any of the elements involved in the coordination. ~~Drawings shall be created in 3-D.~~

Section 22 05 00, Article 3.01– Coordination, Paragraph D 2: Revise as shown.

Note: Additions are shown in bold, deletions have a strikethrough.

D. Coordination:

2. **Where space is limited or coordination with other trades is required** prepare accurate AutoCAD shop drawings showing the actual physical dimensions required for the installation for duct work, piping and mechanical devices. Submit drawings prior to purchase/fabrication/installation of any of the elements involved in the coordination. Provide drawing files to other trades for coordination. ~~Drawings shall be created in 3-D.~~

Section 22 14 15, Article 2.01 – Rainwater Recovery Pump/Filter Skid System, Paragraphs A, B, F & H: Revise as shown.

Note: Additions are shown in bold, deletions have a strikethrough.

- A. General: Furnish and install a prefabricated, pre-wired dual pump Rainwater Recovery system with single point electrical connection. The system shall be capable of automatically providing a constant system pressure of 75 psig while supplying a flow rate from 0 to 30 GPM. Refer to ~~scheduled equipment on~~ Contract Drawings for capacities of pumps and motors. Piping shall be schedule 80 PVC. Paint entire unit purple.
- B. Pumps: Pumps shall be multi- stage centrifugal design with stainless steel wetted parts. Pumps to have integral VFD with individual pressure transmitters and contacts for external status signal. Manufacturers; Grundfos CRNE series or approved. Capacity shall meet or exceed 30 GPM at **175'** ~~160'~~ head.
- F. Filtration: ~~A 316SS bag filter housing shall be provided with a One-Year supply of (50) 10-micron bags.~~
- H. Hydro pneumatic Tank: A **non-ASME** hydro pneumatic tank shall be mounted on the Rainwater Recovery skid and isolated by a union ended PVC ball valve. Pre-charged design with butyl diaphragm. Tank design shall be minimum of 80 gallons volume, 125psi, 160F.

Section 23 05 00, Article 3.01– Coordination, Paragraph D 2: Revise as shown.

Note: Additions are shown in bold, deletions have a strikethrough.

- D. Coordination:
- 2. Where space is limited or coordination with other trades is required** prepare accurate ~~AutoCAD~~ shop drawings showing the actual physical dimensions required for the installation for duct work, piping and mechanical devices. Submit drawings prior to purchase/fabrication/installation of any of the elements involved in the coordination. Provide drawing files to other trades for coordination. ~~Drawings shall be created in 3-D.~~

Section 23 09 23, Article 1.04– Quality Assurance, Paragraph B and G: Revise as shown.

Note: Additions are shown in bold, deletions have a strikethrough.

- B. Acceptable control system contractors and manufacturers: Control systems shall be BTL listed across the line of product controllers (advanced application controller, building controllers and application specific controllers) as defined by BACnet International testing standards. Approved manufacturers are Alerton, **Delta** , **Schneider/TAC I/A**, ~~Andover~~, Siemens/Talon or approved. **Control devices to carry a current BacNet Testing Lab (BTL) listing.**
- G. System shall be web based and web accessible. ~~System shall tie to existing Zoo Delta BACnet system. See 1.08 P for other requirements.~~ **System shall operate from Owner's existing remote work station.**

Section 23 52 00, Article 2.04 – Boiler Controls, Paragraphs B9 & E: Revise as shown.

Note: Additions are shown in bold, deletions have a strikethrough.

9. Send boiler alarm and alarm code to BAS system via integrator. Coordinate with BAS contractor to send MOD BUS **LON or BACnet** signal to BAS system. **Provide any integration devices required.**

E. Provide boiler controller to operate **multiple** ~~two~~ boilers from remote enable signal and modulate operation based on variable input signal (0-10V).

Section 26 27 26 Wiring Devices

Paragraph 2.02 B

ADD requirement for all receptacles to be “hospital grade”.

Paragraph 2.02 F

ADD the following paragraph:

“F. Dimmer Switches: 20 ampere, 120/277 volts, white nylon, decora style, slider with green LED dimmer light level indicator, compatible with dimmable ballasts supplied.”

Section 27 41 16

Paragraph 1.02

ADD the following: “All computers are provided by the owner. Installer to make sure that the network connections are functioning”

Paragraph 2.01:

ADD the following:

Speakers
Multi purpose, 4”, two-way, white, surface mount, speakers
Atlas Sound SM42T-W
Amplifier
60w, 8 port, integrated. Amplifier
TOA Electronics A 906-MK2

Paragraph 2.02

Delete the equipment indicated in Lobby 100 and replace with the following:

LOBBY 100

VIDEO SYSTEM

Description	Brand	Model	Qty.
VS			
1 55" 1080p LED Monitor	Samsung	UN55C6300	1
2 Wall Mount for 55" LCD	Chief Manufacturing, Inc.	PSMT 2015	1
3 Speaker (2) Surface Mount	Atlas Sound	SM42T-W	2
4 Amplifier/Mixer	TOA Electronics	A 906 MK-2	1

Functionality:

TV to receive signal from computer in Entry Desk and from the DVD in the Entry Desk. TV is also connected to the Network and access all of the cameras throughout the building. Speakers are hooked up to the TV source.

Section 28 23 00 Video Surveillance

PART 1 GENERAL

ADD the following paragraph

1.04 Allowances:

- A. Cameras and video surveillance equipment have referenced model number to establish a level of quality. Each of these devices will have an associated monetary allowance that will be used for bidding purposes. The Contractor is to allocate this amount to purchase the products.
 - 1. The allowance amount is for the purchase of the product only. Shipping, handling, profit, accessories, cables etc are to be included in the project costs.
- B. The exact products will be purchased 90 days from the Date of Substantial Completion as directed by the owner. They may be the exact model stated in this specification or an updated model.

Paragraph 2.01 C1:

DELETE Paragraph 2.01 C 1 in its entirety REPLACE with the following:

“1. Interior Cameras: Indoor, day/night, IP network color camera, standard resolution 0.5 megapixel, 1/3" CMOS, MJPEG, MPEG-4 and H.264 streams. Max frame rate MJPEG: 30fps (800x600); H.264 and MPEG-4: 30fps (640x480). 0.5 lux sensitivity, AI lens DC drive, PoE or 24VAC. Pelco IXS0C8, equal or better. Capable of being tripod mounted. Contractor shall have an allowance of \$1000.”

CLARIFICATION:

Cameras are to be standard definition to be compatible with video recording device

SUBSTITUTION REQUESTS:

The following manufacturers are acceptable:

Section 03 30 00 Concrete

- | | | |
|----|---------------|-----------------|
| 1. | Vapor Barrier | Viper II 15-mil |
|----|---------------|-----------------|

Section 07 50 00 Membrane Roofing

- | | | |
|----|------------------|---|
| 1. | Membrane Roofing | Firestone & GAF
with a cap sheet with a SRI of 78 or better provided |
|----|------------------|---|

Section 08 11 00 Metal Doors and Frames

- | | | |
|----|-------------------------------|-----------------------|
| 1. | Hollow Metal Doors and Frames | Door Components, Inc. |
|----|-------------------------------|-----------------------|

Section 08 14 00 Wood Doors

- | | | |
|----|------------|-------------|
| 1. | Wood Doors | Oregon Door |
|----|------------|-------------|

Section 08 45 23 Insulated Translucent Fiberglass Sandwich Panel System

- | | | |
|----|--------|------------------|
| 1. | Panels | Major Industries |
|----|--------|------------------|

Section 11 72 00 Veterinary Examination and Laboratory Equipment

- | | | |
|----|---------------------|---|
| 1. | Fecal Sink Station | Mopec |
| 2. | Wet Table | Mopec |
| 3. | Digital Floor Scale | Mopec—as long as 5,000# Capacity & outdoor rated. |

Section 12 48 19 Entrance Mats and Grates

- | | | |
|----|------------------------|-------------------------|
| 1. | Aluminum Entrance Grid | Kadee Industries – KDCP |
|----|------------------------|-------------------------|

Section 23 57 00 Hot Water Heating Coils

- | | | |
|----|-------------------------|----------|
| 1. | Hot Water Heating Coils | AAON CP |
| 2. | Hot Water Heating Coils | McQuay |
| 3. | Hot Water Heating Coils | Temptrol |

Section 28 31 10 Fire Detection and Alarm

- | | | |
|----|---------------------------------|-----------------------------------|
| 1. | Fire Detection and Alarm System | Siemens FS-250 Addressable System |
|----|---------------------------------|-----------------------------------|

END OF ADDENDUM NO.8