

CITY OF PORTERVILLE
CALIFORNIA
ANIMAL SHELTER PROJECT
PROJECT NO: 89-9015-88
BID NO: 21/22-CP1918 (Rebid)

BEGINNING OF ADDENDUM No. 3

Date: August 11, 2022

ITEM No. 1

Attached you will find outstanding answers to questions posted to the Public Purchase website.

ITEM No. 2

Attached you will find updated sheet M1.1 of the plans. This sheet shall replace the existing sheet in the bid set and it addresses the air balance diffusers.

END OF ADDENDUM No. 3

/s/ Maria Bemis, Purchasing Agent

This addendum must be signed and submitted with the sealed bid proposal.
Bid proposals submitted without this sheet will not be considered.

Firm: _____

By: _____

Authorized Signature

Date: _____

RA-DA

1. Please verify if specification section 035400 Cementitious Underlayment (self-leveling floor underlayment) is required for the entire concrete slab or please verify what locations this will be required.

This Section is referenced in Section 096700 Fluid-applied Flooring which is the Epoxy Flooring.

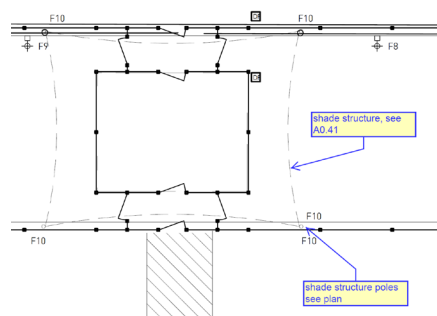
Finish plans Indicate that "ALL FLOORS WITH DRAINS SHOULD BE SLOPED TO DRAIN @ 1/8" PER 1'-0"."

The cementitious Underlayment is to be used to achieve this slope to drain requirement.

(NOTE that all existing flooring and all existing ceilings are to be demolished. All glue and debris shall be removed so that flooring can receive new finish as indicated on the Finish plan.)

2. On Sheet E3.0 fixture F10 says to be surface mounted. What is this to be mounted to and how would you like the fixture to be installed? It looks like it is to be mounted to a fence pole, but there is no details showing the conduit going through fence pole for light or type of box to mount fixture to. Please advise.

F10 light fixture is mounted to shade structure poles. See architectural drawings. A0.20 Site Lighting Plan and A0.41 Shade structure.



3. Please clarify whether or not the electrician is to furnish & install the EV charging stations shown on the architectural and electrical site plans. If the electrician is to furnish, please provide the manufacturer and model number of the EV charging station the County/City would like to be installed.

See Spec Section 111136. Basis of design is "Chargepoint" freestanding Dual Charging station – CT4021.

CITY TO CONFIRM

4. The mechanical drawings doesn't have a Diffuser schedule. Please provide.

See Attached updated sheet M1.1

5. Are all low voltage systems (other than fire alarm) by owner? There are no spec sections for communication systems, access control, CAT-V, etc. If electrical contractor is to provide these systems, please provide specs.

Some low voltage is shown on the electrical drawings.

Other - CITY TO RESPOND (AV/Security Low Voltage not in our scope)

6. The mechanical drawings don' have a HVAC grille schedule. Please provide.

See Attached updated sheet M1.1

QUESTIONS RECEIVED 08.02.2022

1. For the street improvements, the bid schedule quantities do not seem to add up per the callouts on the plans. Please advise if bid schedule quantities prevail

The bid schedule quantities should be revised to match the plans.

LANE ENGINEERING

2. Regarding the deductive alternate 1 and 2; if some of the rooms are not built out does that mean electrical fixtures, HVAC ducts, Fire Sprinklers system, fire alarm need to be deducted also for those areas? (I'm guessing that fire related items could not be deducted for the interior areas)

Correct, all fixtures excluded from Base bid in these areas except fire life safety features such as sprinklers, fire alarm etc.

RA-DA.

3. Regarding D Street Improvement plans, concerning concrete curbs, we only see new curbs at the new driveways and on the west side of the sidewalk. Please confirm no new concrete curb is required on the East side of the new sidewalk.

Correct. New curbs are to be located at the new driveway, accessible ramp and the west side of the new sidewalk.

LANE ENGINEERING

4. Sheet L1.0 shows a 2" mainline. Is this a new water line? Not shown on the civil drawings.

Yes, it is a new mainline. The connection is shown on the civil "Wet Piping Plan" C4.1 Keynote #5.

SIERRA LANDSCAPE

5. For the past week we have tried and left several messages and emails with Charlie Sallee the sales representative for Mason Comp. The animal enclosure manufacturer as noted on spec section 131900 unfortunately we can't get a hold of anyone there for a quote. Can the architect provide another manufacturer for pricing?

We have contacted Mason Kennels and Charlie Sallee – he is available to respond to the bid and has accessed the drawings. Please leave a message and email and he will respond. We have alerted him to this.

CSallee@midmark.com

RA-DA

6. Are the animal enclosures per spec 131900 provided by the owner? (I show that we are not providing them but please confirm)

ANIMAL ENCLOSURES ARE TO BE PROCURED AND INSTALLED BY THE GENERAL CONTRACTOR

7. If we don't get a quote from Mason Comp. for the animal enclosure can the owner set an allowance for this item?

We have contacted Mason Kennels and Charlie Sallee – he is available to respond to the bid and has accessed the drawings. Please leave a message and email and he will respond. We have alerted him to this.

CSallee@midmark.com

RA-DA

8. Sheet A5.00 shows FRP at the interior of the kennel. Does the kennel already come with the FRP finish or are we to add FRP to each kennel. If FRP needs to be added please provide attachment details.

The FRP panels are part of the kennel system. RA-DA

9. Sheet A4.00 Keynote 8 SS Gate where is this located? Can't find this gate. Please advise.

Not all keynotes are used on all pages – For example Keynote 8 is referenced on A4.01 at the gate of the kennels.

RA-DA

10. Please confirm existing walls to remain as is and no additional drywall patching/finishes are required (besides painting).

Depending on condition of existing walls after demolition, walls may need to be cleaned and patched in areas prior to painting for a clean final finish. Some existing walls will be cut into to install plumbing and backing for fixtures and this will need to be addressed.

RA-DA

11. Sheet A4.00 keynote 12 & 13 SS panels where are these located? Please advise

Not all keynotes are used on all pages – For example Keynote 12 and 13 are referenced on A4.01 at the kennels.

RA-DA

12. How many new light poles with footings will need to be installed?

See sheet E3.00.

The F8 fixture requires a new pole and concrete footing.

The F9 fixture is mounted to an existing pole and the F10 is mounted to the shade structure poles.

RA-DA

13. Sheet A4.00 note 11 Built -in feeder. Are the feeders part of the kennel manufacturer or is this separately (Mason Corp is not responsive). If these are required to be purchased separately do all of the kennels require them? Elevation drawing #3 on sheet A4.00 only shows them at the bottom kennel nothing at the top ones. Please advise

See Spec section 131900 and See A5.00 for the typical kennel details.

The dog feeder bowls are to be at ALL kennels. Mason kennels provides a system for these and the bowl itself. The stacked units also each have a bowl feeder.

NOTE that the automatic dog waterers are eliminated from the project.

NOTE there are no Glass dog kennel enclosures on the project

RA-DA

14. Are there any specifications for the Site Storm Drain?

Storm drain shall comply sections 32 00 20 and 32 00 20A.

LANE ENGINEERING



90% CONSTRUCTION DOCUMENTS
(NOT FOR CONSTRUCTION)
DO NOT SCALE FROM DRAWINGS.

DATE	SUBMITTAL	
11/08/19	DESIGN DEVELOPMENT	▲
03/10/20	60% CONSTRUCTION DOCS	
04/13/20	90% CONSTRUCTION DOCS PLAN CHECK SUBMITTAL	
8/9/2022	ADDENDUM 1 BID SET	

PROJECT
**Porterville
Animal Shelter
Facility**

SHEET NAME

**AIR BALANCE
DATA**

SEAL AND SIGNATURE	PROJECT NO.
	DRAWN BY: CEG
	CHECK BY: CEG
	DWG NO.

M1.1

ROOM NAME & #	SUPPLY AIR ACH	SUPPLY AIR CFM	SYMB.	RETURN AIR CFM	EXHAUST AIR CFM	SYMB.	TRANSF. AIR CFM			AIR BALANCE RELATIONSHIP TO ADJACENT AREAS			AIR BALANCE CFM
							+	-		N	P	E	
ROOM # 133 - FELINE ISOLATION	16	450	RT 3	0	-495	EF 5	-	-		N	-	-	-45
ROOM # 132 - CANINE ISOLATION	16	450		0	-495		-	-		N	-	-	-45
ROOM # 131 - CANINE QUARANTINE	16	500		0	-550		-	-		N	-	-	-50
ROOM # 141 - ADOPTABLE	16	700		0	-760		-	-		N	-	-	-60
ROOM # 142 - ADOPTABLE	16	700		0	-760	EF 7	-	-		N	-	-	-60
ROOM # 157 - GROOMING	16	800		0	-800		-	-				E	0
		3600		0	-3660		-	-				N	-260

ROOM NAME & #	SUPPLY AIR ACH	SUPPLY AIR CFM	SYMB.	RETURN AIR CFM	EXHAUST AIR CFM	SYMB.	TRANSF. AIR CFM			AIR BALANCE RELATIONSHIP TO ADJACENT AREAS			AIR BALANCE CFM
							+	-		N	P	E	
ROOM # 104/103 - LAUNDRY/DISHWASHING	10	775		-350	-250	EF 13	-	-			P	-	+175
ROOM # 101 - FOOD STORAGE	8	450	RT 7	-450	-		-	-				E	0
ROOM # 134 - SUPPLY	6	200		-200	-		-	-				E	0
ROOM # 118 - CORRIDOR	8	575		-450	-50	EF 11	-	-				P	+25
		2000		-1450	-350		-	-				P	+200

ROOM NAME & #	SUPPLY AIR ACH	SUPPLY AIR CFM	SYMB.	RETURN AIR CFM	EXHAUST AIR CFM	SYMB.	TRANSF. AIR CFM			AIR BALANCE RELATIONSHIP TO ADJACENT AREAS			AIR BALANCE CFM
							+	-		N	P	E	
ROOM # 108 - TEMP. HOLDING	16	970	RT 1	0	-1050		-	-		N	-	-	-80
ROOM # 107 - INTAKE	16	350		0	-380	EF 1	-	-		N	-	-	-30
ROOM # 102 - EUTHANASIA	16	680		0	-720		-	-		N	-	-	-40
		2000		0	-2150		-	-		N	-	-	-150

P = POSITIVE N = NEGATIVE E = EQUAL (TYP. FOR ALL)

ROOM NAME & #	SUPPLY AIR ACH	SUPPLY AIR CFM	SYMB.	RETURN AIR CFM	EXHAUST AIR CFM	SYMB.	TRANSF. AIR CFM			AIR BALANCE RELATIONSHIP TO ADJACENT AREAS			AIR BALANCE CFM
							+	-		N	P	E	
ROOM # 109 - TEMP. HOLDING	16	2400	RT 2	0	-2600	EF 2	-	-		N	-	-	-200

ROOM NAME & #	SUPPLY AIR ACH	SUPPLY AIR CFM	SYMB.	RETURN AIR CFM	EXHAUST AIR CFM	SYMB.	TRANSF. AIR CFM			AIR BALANCE RELATIONSHIP TO ADJACENT AREAS			AIR BALANCE CFM
							+	-		N	P	E	
ROOM # 111 - ADOPTABLE	16	2400	RT 4	0	-2600	EF 4	-	-		N	-	-	-200

ROOM NAME & #	SUPPLY AIR ACH	SUPPLY AIR CFM	SYMB.	RETURN AIR CFM	EXHAUST AIR CFM	SYMB.	TRANSF. AIR CFM			AIR BALANCE RELATIONSHIP TO ADJACENT AREAS			AIR BALANCE CFM
							+	-		N	P	E	
ROOM # 112 - ADOPTABLE	16	2400	RT 6	0	-2600	EF 6	-	-		N	-	-	-200

ROOM NAME & #	SUPPLY AIR ACH	SUPPLY AIR CFM	SYMB.	RETURN AIR CFM	EXHAUST AIR CFM	SYMB.	TRANSF. AIR CFM			AIR BALANCE RELATIONSHIP TO ADJACENT AREAS			AIR BALANCE CFM
							+	-		N	P	E	
ROOM # 110 - OVERFLOW	10	1500	RT 3	0	-1350		-	-			P	-	+150
ROOM # 119 - HALL	8	600		0	-400	EF 3	-	-			P	-	-30
ROOM # 151 - MEET & GREET	16	200		0	-200		-	-				E	-40
ROOM # 152 - MEET & GREET	16	200		0	-200		-	-				E	-40
		2500		0	-2150		-	-				P	+350

SYMB.	SUPPLY AIR-CFM	RETURN AIR-CFM	OUTSIDE AIR-CFM	EXHAUST AIR-CFM	BLDG. PRESS.
EF 1	-	-	-	-2150	-2150
EF 2	-	-	-	-2600	-2600
EF 3	-	-	-	-2150	-2150
EF 4	-	-	-	-2600	-2600
EF 5	-	-	-	-1540	-1540
EF 6	-	-	-	-2600	-2600
EF 7	-	-	-	-2320	-2320
EF 8	-	-	-	-250	-250
EF 9	-	-	-	-100	-100
EF 10	-	-	-	-50	-50
EF 11	-	-	-	-50	-50
EF 12	-	-	-	-50	-50
EF 13	-	-	-	-250	-250
RT 1	2000	-	2000	-	+2000
RT 2	2400	-	2400	-	+2400
RT 3	2500	-	2500	-	+2500
RT 4	2400	-	2400	-	+2400
RT 5	3600	-	3600	-	+3600
RT 6	2400	-	2400	-	+2400
RT 7	2000	1450	550	-	+550
RT 4	1970	1600	370	-	+370
RT 5	2000	2000	500	-400 RELIEF DAMPER	+100
RT 2	2000	2000	500	-400 RELIEF DAMPER	+100
RT 1	2000	2000	500	-400 RELIEF DAMPER	+100
TOTAL	25070	9050	17720	17910	-190

AIR VOLUME CFM	DUCT HEIGHT INCHES					EQUIVALENT ROUND DUCT
	4"	6"	8"	10"	12"	
50	6X4					5"
75	6X4					6"
100	8X4	6X6				6"
125	10X4	6X6				7"
150	10X4	8X6				7"
175	12X4	8X6				8"
200	14X4	8X6				8"
225	16X4	10X6				8"
250	16X4	10X6				9"
275	12X6	8X8				9"
300	12X6	8X8				9"
400	14X6	10X8				10"
500	18X6	12X8	10X10			11"
600	20X6	14X8	12X10			12"
700	24X6	16X8	12X10			12"
800	26X6	18X8	14X10	12X12		13"
900	30X6	20X8	16X10	12X12		14"
1000		22X8	16X10	14X12		14"
1100		24X8	18X10	16X12		15"
1200		26X8	20X10	16X12		16"
1300		28X8	20X10	18X12		16"
1400		30X8	22X10	18X12		16"
1500			24X10	20X12		16"
1600			26X10	20X12		17"
1700			28X10	22X12		17"
1800			28X10	22X12		18"
1900			30X10	22X12		18"
2000				24X12		18"

SIZE IN.	OUTLET VELOCITY	THROW FEET	CFM
10 X 6	440	8	100
12 X 6	450	9	125
14 X 6	450	10	150
16 X 6	450	11	180
20 X 6	450	12	225
24 X 6	450	14	275
30 X 6	450	15	330
24 X 8	450	16	360

CEILING SUPPLY DIFFUSER		CEILING RETURN GRILLE	
SIZE	CFM RANGE	SIZE	CFM RANGE
6X6	0-100	6X6	0-100
8X8	101-225	8X8	101-150
10X10	226-350	10X10	151-200
12X12	351-500	12X12	201-340
14X14	501-680	14X14	341-450
16X16	681-900	16X16	451-600
18X18	901-1120	18X18	601-800
20X20	1121-1395	20X20	801-1000
22X22	1396-1680	22X22	1001-1400
24X24	1681-2000	24X24	1401-1800