

FRESNO COUNTY ZOO AUTHORITY

AGENDA

9:00 AM, Wednesday, August 30, 2017

Fresno County Employees' Retirement Association

1111 H Street, Fresno, CA 93721

(559) 457-0681

1. Call to Order

2. Public Comments

This time is made available to receive comments from the public on matters within the Board's jurisdiction that are not on the Agenda. Attention is called to the fact that the Board is prohibited from taking any action on matters that are not on the Agenda. Members of the public are limited to three minutes to speak during Public Comments as well as for each item on the agenda. In order to accurately record the minutes, members of the public are asked to speak only from the podium. Before beginning comments, please state for the record your name and affiliation, if any.

3. Consent Agenda

These matters are routine in nature and are usually approved by a single vote. Prior to action by the Board, the public will be given the opportunity to remove any item from the Consent Calendar. Items removed from the Consent Calendar may be heard immediately following approval of the Consent Calendar.

a. Review and approve minutes of June 28, 2017

b. Review and approve payment of County of Fresno invoice for Professional and Specialized Services in the amount of \$24,45.49 for May, June, and July 2017

c. Receive Treasurer's Reports for June and Quarter ended June, and July 2017

4. Fresno Chaffee Zoo Director's report

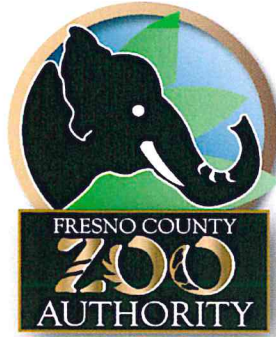
5. Receive update on Fresno Chaffee Zoo Master Plan

6. Receive Fresno's Chaffee Zoo Corporation Financial report for June and July 2017

7. Approve Fresno's Chaffee Zoo Corporation request for FY 2017 Measure Z Capital funds totaling \$193,064 for Belmont Basin Relief Line
8. Approve Fresno's Chaffee Zoo Corporation request for FY 2017 Measure Z Capital funds totaling \$888,955.56 for Animal Nutrition Center Design
9. Receive first draft of Fiscal Year 2016-17 Annual Report and provide direction to staff
10. Receive staff reports
11. Approve next meeting date
Adopted dates include:
 - Wednesday, September 27, 2017
 - Wednesday, October 25, 2017
 - Wednesday, November 29, 2017
12. Chair's comments
13. Board Member comments
14. Adjourn

All supporting documentation is available for public review in the office of the Fresno County Zoo Authority, 2220 Tulare Street, 6th Floor, Fresno, 93721, during regular business hours.

For further information, please contact Catherine Crosby, Zoo Authority Coordinator, at 600-4305, email zooauthority@co.fresno.ca.us, or visit www.zooauthority.org. Requests for disability-related modification or accommodation needed in order to participate in the meeting must be made to the Zoo Authority Coordinator no later than 9:00 a.m. on the day prior to the meeting.



FRESNO COUNTY ZOO AUTHORITY

Action Summary Minutes

9:00 AM, Wednesday, June 28, 2017

Fresno County Employees' Retirement Association

1111 H Street, Fresno, CA 93721

(559) 457-0681

1. Call to Order

CHAIRMAN MICHELLE ROMAN CALLED THE MEETING TO ORDER AT 9:02 AM. A QUORUM WAS PRESENT INCLUDING THE CHAIRMAN AND MEMBERS PETER HERZOG, KENT STRATFORD, PAUL TOSTE AND RALPH WATERHOUSE. MEMBERS LEE BRAND, GERALD LYLES, AND ALTERNATE MEMBER OLIVER BAINES WERE ABSENT.

0:00:13

2. Public Comments

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HELD; NONE RECEIVED.

0:00:39

3. Consent Agenda

These matters are routine in nature and are usually approved by a single vote. Prior to action by the Board, the public will be given the opportunity to remove any item from the Consent Calendar. Items removed from the Consent Calendar may be heard immediately following approval of the Consent Calendar.

MEMBER WATERHOUSE REQUESTED TO PULL ITEM 3A, AND MOVED FOR APPROVAL OF ITEMS 3B AND 3C. SECONDED BY MEMBER HERZOG, THE MOTION PASSED UNANIMOUSLY AND WITHOUT COMMENT. MEMBERS LEE BRAND, GERALD LYLES AND ALTERNATE MEMBER OLIVER BAINES WERE ABSENT.

a. Review and approve minutes of April 26, 2017

MEMBER WATERHOUSE NOTED A MINOR CORRECTION TO THE MINUTES: THE ACTION FOR ITEM 3C (RECEIPT OF TREASURER'S REPORTS) SHOULD BE CORRECTED TO SAY THAT HE HAD MADE THE MOTION FOR APPROVAL OF ITEM C, RATHER THAN ITEM B.

MEMBER WATERHOUSE MOVED TO APPROVE THE MINUTES AS CORRECTED. SECONDED BY MEMBER HERZOG, THE MOTION PASSED UNANIMOUSLY. MEMBERS LEE BRAND, GERALD LYLES AND ALTERNATE MEMBER OLIVER BAINES WERE ABSENT.

- b. Review and approve payment of County of Fresno invoice for Professional and Specialized Services in the amount of \$18,458.54 for March and April 2017
- c. Receive Treasurer's Reports for April and May 2017

0:02:11

- 4. Receive Fresno Chaffee Zoo Corporation 2016 annual audit presentation from Moore, Grider and Company
RECEIVED; DENISE HURST, AUDIT PARTNER OF MOORE, GRIDER AND COMPANY, PRESENTED AN UNMODIFIED OPINION. SEVENTY-FIVE PERCENT OF ZOO CORP CLAIMS FOR MEASURE Z FUNDS WERE REVIEWED IN THE AUDIT PROCESS AND THERE WERE NO EXCEPTIONS NOTED.

0:05:45

- 5. Fresno Chaffee Zoo Director's report
Praises for Brian from Board members and presentation of certificate of appreciation for his service
RECEIVED; DIRECTOR SCOTT BARTON REPORTED ATTENDANCE WAS DOWN 14% FROM BUDGET PROJECTIONS, DUE TO WINTER RAINS AND EXCESSIVE HEAT RECENTLY, ALTHOUGH APRIL WAS THE ZOO'S BUSIEST MONTH EVER. DEPARTMENTS ARE MAKING THE NECESSARY ADJUSTMENTS. THE WATER PLAY AREA IS UNDER CONSTRUCTION AND EXPECTED TO BE COMPLETE IN DECEMBER AND OPEN IN SPRING 2018. ASIAN ELEPHANT SHANZI IS NOW AT THE LOS ANGELES ZOO. IN AUGUST TWO YOUNG MALE INDIAN RHINOS FROM SAN DIEGO SAFARI PARK WILL MOVE INTO THE SPACE THAT WILL BE MODIFIED FOR THEM, AND HE INVITED AUTHORITY MEMBERS TO AN ENCOUNTER. MR. BARTON ANNOUNCED THAT CFO BRIAN GOLDMAN WILL BE LEAVING FOR A PRIVATE FIRM IN CAMARILLO IN JULY. HE THANKED HIM AND WISHED HIM WELL.

0:11:35

- 6. Receive Fresno's Chaffee Zoo Corporation Chief Financial Officer report for April and May 2017
RECEIVED; CFO BRIAN GOLDMAN REPORTED WITH ATTENDANCE DOWN, THEY ARE WATCHING EXPENSES AND IMPROVING OTHER SOURCES OF SELF-GENERATED REVENUE. GIRAFFE FEEDING AND STING RAY BAY ARE DOING WELL, AND THE MONTH OF APRIL HAD THE HIGHEST ADMISSIONS IN THE ZOO'S HISTORY. MR. GOLDMAN REFLECTED ON HIS 10½ YEARS AT THE ZOO AND HOW IT HAS GROWN AND CHANGED, AND URGED EVERYONE TO KEEP UP THE GOOD WORK.

MEMBERS HERZOG, WATERHOUSE, TOSTE AND STRATFORD THANKED MR. GOLDMAN, AND CHAIRMAN ROMAN PRESENTED TO HIM A FRAMED CERTIFICATE OF APPRECIATION FROM THE AUTHORITY.

0:18:35

- 7. Approve Fresno's Chaffee Zoo Corporation request for FY 2017 Measure Z Capital funds totaling \$158,980.32 for design of Program Animal Holding Facility
MR. GOLDMAN PRESENTED THE REQUEST FOR DESIGN AND PRE-CONSTRUCTION SERVICES FOR A BUILDING FOR EDUCATION ANIMALS EXPECTED TO COST \$2-2.5M. THERE WAS NO DISCUSSION. THE CHAIRMAN CALLED FOR A MOTION, AND MEMBER HERZOG MOVED TO APPROVE THE REQUEST. SECONDED BY MEMBER WATERHOUSE, THE MOTION PASSED UNANIMOUSLY. MEMBERS LEE BRAND, GERALD LYLES AND ALTERNATE MEMBER OLIVER BAINES WERE ABSENT.

0:21:33

8. Approve and authorize the estimated Administrative revenues and appropriations for the 2017-18 budget year

BOARD TREASURER MEGAN MARKS PRESENTED THE BUDGET. COMMENTS BY MEMBERS CONCERNED THE MASTER SCHEDULE OF FEES (MSF) RATE FOR THE COORDINATOR'S POSITION THAT HAD INCREASED BY 24% OVER LAST FISCAL YEAR DUE TO THE RELOCATION OF MS. CROSBY WITHIN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING. FOLLOWING EXPLANATIONS BY THE TREASURER AND COORDINATOR OF THE METHODOLOGY OF COUNTY STAFF RATES BY DEPARTMENTS, MEMBERS EXPRESSED THAT THE INCREASE WAS ARBITRARY AND THE RATIONALE INSUFFICIENT UNDER THE CIRCUMSTANCES, AND DIRECTED MS. CROSBY TO ADDRESS THE MATTER TO HER DEPARTMENT HEAD FOR CLARIFICATION AND RECONSIDERATION. MEMBER HERZOG MOVED TO APPROVE THE BUDGET. SECONDED BY MEMBER TOSTE, THE MOTION PASSED UNANIMOUSLY. MEMBERS LEE BRAND, GERALD LYLES AND ALTERNATE MEMBER OLIVER BAINES WERE ABSENT.

0:38:53

9. Approve proposed amendments to Fresno County Zoo Authority *Procedures for Approving and Administering Measure Z Funds*

MS. CROSBY PRESENTED THE PROPOSED AMENDMENTS. ZOO CORPORATION GENERAL COUNSEL DOUG LARSEN QUESTIONED THE DELETION OF PARAGRAPH 7 ON PAGE 16. MEMBER TOSTE STATED HE WAS NOT IN FAVOR OF REDUCING THE BOARD MEMBER REVIEW PERIOD, OR THE STRICKEN LANGUAGE IN PARAGRAPH 11 ON PAGE 13. HE ALSO SUGGESTED THE ADDRESS IN PARAGRAPH 8A ON PAGE 12 BE REVISED TO A MORE GENERIC ADDRESS. STAFF WAS DIRECTED TO RETURN WITH REVISIONS AT THE NEXT MEETING.

0:51:10

10. Receive staff reports

RECEIVED; MS. CROSBY REPORTED ON THE RELOCATION OF THE RETIREMENT OFFICES, AND MEMBERS DISCUSSED POSSIBLE LOCATION OPTIONS FOR THE AUTHORITY'S MEETINGS, IF NEEDED DURING THE MOVE. MS. CROSBY WILL RESEARCH OPTIONS. DIRECTION WAS RECEIVED TO BEGIN DRAFTING THE FISCAL YEAR 2016-17 ANNUAL REPORT, AND TO CONTINUE TO MAKE AVAILABLE ON THE WEBSITE ALL DOCUMENTS, REGARDLESS OF AGE, UNLESS IN THE FUTURE THERE SHOULD BE A CHANGE TO SPACE LIMITATIONS OR COST.

0:53:43

11. Approve next meeting date

Adopted dates include:

Wednesday, July 26, 2017

Wednesday, August 30, 2017

Wednesday, September 27, 2017

AFTER DISCUSSION, MEMBER TOSTE MOVED TO DELETE THE JULY 26 MEETING DATE AND TO HOLD THE NEXT MEETING ON AUGUST 30, 2017. SECONDED BY MEMBER HERZOG, THE MOTION PASSED UNANIMOUSLY. MEMBERS LEE BRAND AND GERALD LYLES, AND ALTERNATE MEMBER OLIVER BAINES WERE ABSENT.

0:59:38

12. Chair's comments

RECEIVED; THE CHAIRMAN AGAIN THANKED BRIAN GOLDMAN FOR HIS SERVICE TO THE ZOO.

0:59:56

13. Board Member comments

RECEIVED; MEMBER TOSTE COMPLEMENTED DIRECTOR BARTON ON THE MASTER PLAN PRESENTATION DOCUMENT PRESENTED AT THE APRIL MEETING. MR. BARTON STATED IT WAS PRELIMINARY AND THAT KEY INFORMATION IS BEING ADDED. HE CAN PRESENT A FINAL COPY AT THE AUGUST MEETING.

1:01:00

14. Adjourn

THERE BEING NO FURTHER BUSINESS, THE CHAIRMAN ADJOURNED THE MEETING AT 10:03 AM.

All supporting documentation is available for public review in the office of the Fresno County Zoo Authority, 2220 Tulare Street, 6th Floor, Fresno, 93721, during regular business hours.

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Invoice for Professional Services in Support of the Zoo Authority
Billing Hours and Expenses for May June and July 2017

Invoice Number
050607-ZOO-083017

August 30, 2017

TO: Zoo Authority Board
c/o County of Fresno
2220 Tulare St, 6th Floor MS 214
Fresno, CA 93721

Department / Title	Hours	Rates	Cost	Fiscal Year 16-17
<i>Financial Reporting and Audits</i>				
<i>Division Chief</i>	0.00	\$92.49	\$0.00	
<i>Senior Accountant</i>	43.25	\$80.92	\$3,499.79	
<i>Accountant I</i>	97.75	\$62.78	\$6,136.75	
<i>Public Works and Planning</i>				
<i>Div. Mgr., Capital Projects</i>	0.50	\$150.15	\$75.08	
<i>Analyst III, Capital Projects</i>	177.10	\$76.23	\$13,500.33	
<i>County Counsel</i>				
<i>Deputy County Counsel</i>	5.50	\$122.00	\$671.00	
Professional Services Total	324.10		\$23,882.95	\$125,758.16
			Copies	\$162.54
Office Expense Total			\$162.54	\$9,062.93
			\$24,045.49	\$134,821.09
			Invoice Total	FY 16-17 Total



**Fresno County Zoo Authority
Treasurer's Report
Unaudited Cash Basis
For the Month Ended June 30, 2017**

Summary of Measure Z Proceeds			
Tax Proceeds Received:			
-	Measure Z - Sales Tax Proceeds		\$ 1,220,710.36
	Total Proceeds Received:		\$ 1,220,710.36
Tax Proceeds Allocated:			
-	Allocation to Zoo Authority Fund (2%)		24,414.21
-	Allocation to Trust Fund for Operations and Capital Projects (98%)		1,196,296.15
	Total Proceed Allocations		\$ 1,220,710.36
Cash Balance by Fund			
Zoo Authority Fund			
	>> Administrative Fund	2%	
	Beginning Cash Balance		\$ 1,365,915.55
Receipts:	- Measure Z Sales Tax Proceeds		24,414.21
	- Interest Received		4,526.10
Disbursements:	- PeopleSoft Financial Charges		(57.66)
	- ZA Office Expense		(53.29)
	- Zoo Authority Claim #0304-ZOO-062817		(18,405.25)
	Net Increase/(Decrease) to Cash		10,424.11
	Ending Cash Balance - Zoo Authority Administrative Fund		\$ 1,376,339.66
Trust Fund for FCZC Operations and Capital Projects			
		98%	
	Beginning Cash Balance		\$ 31,211,322.25
	>>> Operations Fund		
	Beginning Cash Balance		6,304,148.44
Receipts:	- Measure Z Sales Tax Proceeds		398,765.38
	- Interest Received		21,850.07
Disbursements:	- FCZC Operations Claim # 2017-05		(374,636.27)
	- FCZC Operations Claim # 2017-04		(348,581.62)
	- Wire Fees		(20.00)
	Net Increase/(Decrease) to Cash		(302,622.44)
	Ending Cash Balance - Available for Operations		\$ 6,001,526.00
	>>> Capital Facilities Project Fund		
	Beginning Cash Balance		\$ 24,907,173.81
Receipts:	- Measure Z Sales Tax Proceeds		797,530.77
	- Interest Received		76,466.66
	Net Increase/(Decrease) to Cash		873,997.43
	Ending Cash Balance - Available for Capital Projects		25,781,171.24
	Ending Balance Available for Operations and Capital Projects		\$ 31,782,697.24
	Total Interest Received During the Month		102,842.83

By Staff _____

Date _____

Accepted _____

Date _____

* Interest receipts are recorded in the month received rather than in the month earned and were calculated on an annual percentage rate of 1.598 as of March 31, 2017.



**Fresno County Zoo Authority
Treasurer's Report
Unaudited Cash Basis
For the Quarter Ended June 30, 2017**

Summary of Measure Z Proceeds			
Tax Proceeds Received:			
-	Measure Z - Sales Tax Proceeds	\$	3,216,910.36
	Total Proceeds Received:	\$	3,216,910.36
Tax Proceeds Allocated:			
-	Allocation to Zoo Authority Fund (2%)		64,338.21
-	Allocation to Trust Fund for Operations and Capital Projects (98%)		3,152,572.15
	Total Proceed Allocations	\$	3,216,910.36
Cash Balance by Fund			
Zoo Authority Fund			
	>> Administrative Fund	2%	
	Beginning Cash Balance	\$	1,350,353.18
Receipts:	- Measure Z Sales Tax Proceeds		64,338.21
	- Interest Received		5,218.93
Disbursements:	- PeopleSoft Financial Charges		(170.47)
	- ZA Postage Reimbursement		(63.19)
	- ZA Office Expense		(53.29)
	- Zoo Authority Claim #0102-ZOO-022617		(24,878.46)
	- Zoo Authority Claim #0304-ZOO-062817		(18,405.25)
	Net Increase/(Decrease) to Cash		25,986.48
	Ending Cash Balance - Zoo Authority Administrative Fund	\$	1,376,339.66
Trust Fund for FCZC Operations and Capital Projects			
	98%		
	Beginning Cash Balance	\$	30,160,026.05
>>> Operations Fund			
	Beginning Cash Balance		6,438,065.55
Receipts:	- Measure Z Sales Tax Proceeds		1,050,857.38
	- Interest Received		25,194.75
Disbursements:	- FCZC Operations Claim # 2017-05		(374,636.27)
	- FCZC Operations Claim # 2017-04		(348,581.62)
	- FCZC Operations Claim # 2017-03		(511,526.38)
	- FCZC Operations Claim # 2016-12		(277,797.41)
	- Wire Fees		(50.00)
	Net Increase/(Decrease) to Cash		(436,539.55)
	Ending Cash Balance - Available for Operations	\$	6,001,526.00
>>> Capital Facilities Project Fund			
	Beginning Cash Balance	\$	23,721,960.50
Receipts:	- Measure Z Sales Tax Proceeds		2,101,714.77
	- Interest Received		88,171.73
Disbursements:	- FCZC Capital Claim # 2016-02C		170,682.05
	- FCZC Capital Claim # 2017-01C		(301,357.81)
	Net Increase/(Decrease) to Cash		2,059,210.74
	Ending Cash Balance - Available for Capital Projects		25,781,171.24
	Ending Balance Available for Operations and Capital Projects	\$	31,782,697.24
	Total Interest Received During the Month		118,585.41

By Staff _____

Date _____

Accepted _____

Date _____

* Interest receipts are recorded in the month received rather than in the month earned and were calculated on an annual percentage rate of 1.598 as of March 31, 2017.

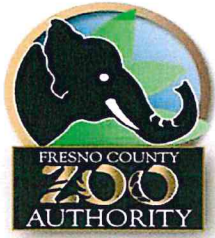


Fresno County Zoo Authority

SUMMARY OF MEASURE Z SALES TAX PROCEEDS

	PRIOR FISCAL YEARS				CURRENT FISCAL YEAR			
	2013-2014		2014-2015		2015-2016		2016-2017	
	ACTUAL	TAX RECEIPTS	ACTUAL	TAX RECEIPTS	ACTUAL	TAX RECEIPTS	ACTUAL	TAX RECEIPTS
	TAX RECEIPTS		TAX RECEIPTS	TAX RECEIPTS	BUDGETED	TAX RECEIPTS	TAX RECEIPTS	VARIANCE
July	\$ 903,500	\$ 864,900	\$ 900,800	\$ 909,808	\$ 952,000	\$ 42,192	4.64%	
August	1,106,000	1,149,600	1,201,100	1,213,111	1,269,300	56,189	4.63%	
September	1,097,605	1,199,226	1,408,037	1,422,117	1,181,071	(241,046)	-16.95%	
October	857,400	879,100	911,400	920,514	941,400	20,886	2.27%	
November	1,143,200	1,172,100	1,215,200	1,251,656	1,255,200	3,544	0.28%	
December	1,076,977	1,147,219	1,306,493	1,332,623	1,188,304	(144,319)	-10.83%	
January	836,700	884,100	915,800	934,116	955,400	21,284	2.28%	
February	1,101,200	1,178,800	1,221,000	1,245,420	1,273,900	28,480	2.29%	
March	1,113,584	1,087,121	1,226,517	1,214,252	1,114,146	(100,106)	-8.24%	
April	788,000	804,100	819,500	811,305	855,500	44,195	5.45%	
May	1,050,600	1,072,100	1,092,700	1,081,773	1,140,700	58,927	5.45%	
June	1,139,360	1,231,366	1,374,748	1,236,000	1,220,710	(15,290)	-1.24%	
Total	\$ 12,214,126	\$ 12,669,732	\$ 13,593,295	\$ 13,572,695	\$ 13,347,631	\$ (225,064)	-10.60%	

TOTAL MEASURE Z PROCEEDS FROM INCEPTION \$ 139,007,320



Fresno County Zoo Authority
Treasurer's Report
Unaudited Cash Basis
For the Month Ended June 30, 2017

Summary of Quarter Four Interest Receipts					
Fund	Subclass	Description	1st Alloc. April	2nd Alloc. June	Interest Received
4845	10000	Zoo Authority	\$ 692.83	\$ 4,526.10	\$ 5,218.93
4850	10000	FCZC - Operations	3,344.68	21,850.07	\$ 25,194.75
4850	42700	FCZC - CP	11,705.07	76,466.66	\$ 88,171.73
Total			<u>\$ 15,742.58</u>	<u>\$ 102,842.83</u>	<u>\$ 118,585.41</u>
April to June					



**Fresno County Zoo Authority
Capital Projects Fund Cash Flow
For the Month Ended June 30, 2017**

Cash Balance as of 6/30/2017 **\$ 25,781,171**

DEDUCTIONS (earmarked projects, paid through claim 2017-01C):

2017 Storm Drain Pipeline Extension-Jan 2017	16,422
2017 Water Play Area-Jan 2017	3,116,276
2017 Warthog Exhibit-October 2016	-
2017 Dino Dig Expansion-June 2016	195,000
2017 African River-June 2016	3,568,675
2017 Orangutan Exhibit-May 2017	110,066
2016 Animal Acquisition-September 2015	35,462
2016 Tiger Exhibit Expansion-December 2014	31,120
2015 Utility Design-March 2015	53,416
2015 Animal Acquisition-February 2015	23,000
Total Deductions:	<u>\$ (7,149,437)</u>
TOTAL:	<u><u>\$ 18,631,734</u></u>



**Fresno County Zoo Authority
Operations Fund Cash Flow
For the Month Ended June 30, 2017**

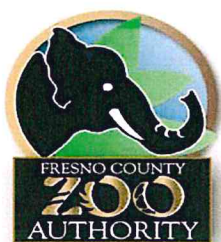
Cash Balance as of 6/30/2017 **\$ 6,001,526**

DEDUCTIONS (Remaining budgets, paid through claim 2017-05):

2017 Animal	1,725,522
2017 Veterinary	230,733
2017 Utilities	158,436
2017 Animal Feed	230,331
2017 Interest/Bank Charges	50
2016 Animal	332,249
2016 Veterinary	4,800
2016 Interest/Bank Charges	200

Total Deductions: **\$ (2,682,321)**

TOTAL: **\$ 3,319,205**



**Fresno County Zoo Authority
Administration Fund Cash Flow
For the Month Ended June 30, 2017**

Cash Balance as of 6/30/2017 \$ 1,376,340

DEDUCTIONS (Remaining budgets, paid through claim 0304-ZOO-062817):

2017 Telephone Charges	250
2017 Memberships	500
2017 Office Expense	2,557
2017 Postage	700
2017 PeopleSoft Financials Charges	168
2017 Professional Services	88,868
2017 Data Processing Services	1,500
2017 Publications & Legal Notices	500
2017 Trans, Travel & Education	2,500
2017 Appropriation for Contingencies	91,421
2016 Telephone Charges	500
2016 Memberships	1,000
2016 Postage	1,288
2016 PeopleSoft Financials Charges	119
2016 Professional Services	17,889
2016 Data Processing Services	3,000
2016 Publications & Legal Notices	1,000
2016 Trans, Travel & Education	5,000

Total Deductions: \$ (218,761)

TOTAL: \$ 1,157,579



**Fresno County Zoo Authority
Treasurer's Report
Unaudited Cash Basis
For the Month Ended July 31, 2017**

Summary of Measure Z Proceeds			
Tax Proceeds Received:			
-	Measure Z - Sales Tax Proceeds	\$	930,800.00
	Total Proceeds Received:	\$	930,800.00
Tax Proceeds Allocated:			
-	Allocation to Zoo Authority Fund (2%)		18,616.00
-	Allocation to Trust Fund for Operations and Capital Projects (98%)		912,184.00
	Total Proceed Allocations	\$	930,800.00
Cash Balance by Fund			
Zoo Authority Fund			
	>> Administrative Fund	2%	
	Beginning Cash Balance	\$	1,376,339.66
Receipts:	- Measure Z Sales Tax Proceeds		18,616.00
	- Interest Received		639.99
Disbursements:	- PeopleSoft Financial Charges		(165.45)
	- ZA Office Expense		(66.62)
	- ZA Postage Expense		(18.36)
	Net Increase/(Decrease) to Cash		19,005.56
	Ending Cash Balance - Zoo Authority Administrative Fund	\$	1,395,345.22
Trust Fund for FCZC Operations and Capital Projects			
	98%		
	Beginning Cash Balance	\$	31,782,697.24
	>>> Operations Fund		
	Beginning Cash Balance		6,001,526.00
Receipts:	- Measure Z Sales Tax Proceeds		304,061.33
	- Interest Received		2,921.41
	-		-
Disbursements:	- FCZC Operations Claim #2017-06		(373,372.48)
	- Wire Fees		(10.00)
	Net Increase/(Decrease) to Cash		(66,399.74)
	Ending Cash Balance - Available for Operations	\$	5,935,126.26
	>>> Capital Facilities Project Fund		
	Beginning Cash Balance	\$	25,781,171.24
Receipts:	- Measure Z Sales Tax Proceeds		608,122.67
	- Interest Received		11,549.40
Disbursements:	- FCZC Capital Claim 2017-02C		(76,472.16)
	-		-
	Net Increase/(Decrease) to Cash		543,199.91
	Ending Cash Balance - Available for Capital Projects		26,324,371.15
	Ending Balance Available for Operations and Capital Projects	\$	32,259,497.41
	Total Interest Received During the Month		15,110.80

By Staff _____

Date _____

Accepted _____

Date _____

* Interest receipts are recorded in the month received rather than in the month earned and were calculated on an annual percentage rate of 1.560 as of June 30, 2017.

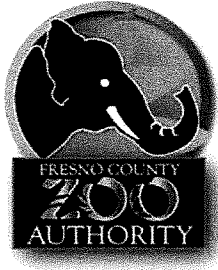


Fresno County Zoo Authority

SUMMARY OF MEASURE Z SALES TAX PROCEEDS

	PRIOR FISCAL YEARS				CURRENT FISCAL YEAR			
	2014-2015		2015-2016		2016-2017		2017-2018	
	ACTUAL		ACTUAL		ACTUAL		ACTUAL	
	TAX RECEIPTS		TAX RECEIPTS		TAX RECEIPTS		TAX RECEIPTS	
July	\$ 864,900	\$	900,800	\$	952,000	\$	961,520	\$ (30,720) -3.19%
August	1,149,600		1,201,100		1,269,300		1,281,993	
September	1,199,226		1,408,037		1,181,071		1,192,882	
October	879,100		911,400		941,400		950,814	
November	1,172,100		1,215,200		1,255,200		1,292,856	
December	1,147,219		1,306,493		1,188,304		1,212,070	
January	884,100		915,800		955,400		974,508	
February	1,178,800		1,221,000		1,273,900		1,299,378	
March	1,087,121		1,226,517		1,114,146		1,103,005	
April	804,100		819,500		855,500		846,945	
May	1,072,100		1,092,700		1,140,700		1,129,293	
June	1,231,366		1,374,748		1,220,710		1,099,791	
Total	\$ 12,669,732	\$	13,593,295	\$	13,347,631	\$	13,345,055	\$ (30,720) -1.37%

TOTAL MEASURE Z PROCEEDS FROM INCEPTION \$ 127,723,994



Fresno County Zoo Authority
Treasurer's Report
Unaudited Cash Basis
For the Month Ended July 31, 2017

Summary of Quarter One Interest Receipts					
Fund	Subclass	Description	1st Alloc. July	2nd Alloc September	Interest Received
4845	10000	Zoo Authority	\$ 639.99	\$ -	\$ 639.99
4850	10000	FCZC - Operations	2,921.41	-	\$ 2,921.41
4850	42700	FCZC - CP	11,549.40	-	\$ 11,549.40
Total			\$ 15,110.80	\$ -	\$ 15,110.80
July to September					



**Fresno County Zoo Authority
Capital Projects Fund Cash Flow
For the Month Ended July 31, 2017**

Cash Balance as of 7/31/2017 **\$ 26,324,371**

DEDUCTIONS (earmarked projects, paid through claim 2017-02C):

2017 Storm Drain Pipeline Extension-Jan 2017	-
2017 Water Play Area-Jan 2017	3,068,081
2017 Dino Dig Expansion-June 2016	195,000
2017 African River-June 2016	3,556,820
2017 Orangutan Exhibit-May 2017	110,066
2016 Animal Acquisition-September 2015	35,462
2016 Tiger Exhibit Expansion-December 2014	31,120

Total Deductions: \$ (6,996,549)

TOTAL: \$ 19,327,822



**Fresno County Zoo Authority
Operations Fund Cash Flow
For the Month Ended July 31, 2017**

Cash Balance as of 7/31/2017 **\$ 5,935,126**

DEDUCTIONS (Remaining budgets, paid through claim 2017-06):

2017 Animal	1,474,430
2017 Veterinary	207,169
2017 Utilities	92,696
2017 Animal Feed	197,355
2017 Interest/Bank Charges	40

Total Deductions: **\$ (1,971,690)**

TOTAL: **\$ 3,963,436**



**Fresno County Zoo Authority
Administration Fund Cash Flow
For the Month Ended July 31, 2017**

Cash Balance as of 7/31/2017 **\$ 1,395,345**

DEDUCTIONS (Remaining budgets, paid through claim 0304-ZOO-062817):

2018 Telephone Charges	250
2018 Memberships	500
2018 Office Expense	6,000
2018 Postage	1,000
2018 PeopleSoft Financials Charges	635
2018 Professional Services	196,869
2018 Data Processing Services	1,500
2018 Publications & Legal Notices	500
2018 Trans, Travel & Education	2,500
2017 Telephone Charges	250
2017 Memberships	500
2017 Office Expense	2,539
2017 Postage	633
2017 PeopleSoft Financials Charges	168
2017 Professional Services	88,868
2017 Data Processing Services	1,500
2017 Publications & Legal Notices	500
2017 Trans, Travel & Education	2,500

Total Deductions: \$ (307,212)

TOTAL: \$ 1,088,133



FY2017 June Financial Report

Discussion of Financial Results

As of June 31, 2017

- **Key Facts & Figures:**

- Self-generated revenue¹ of \$4,857,051 compared to budgeted revenue of \$5,382,875.
- Surplus of \$1,419,451² compare to budgeted surplus of \$928,369.
- Total personnel expenses are 10.6% under budget and total expenses are 11.0% under budget as of June 30, 2017.
- June 2017 attendance was 70,906 compared to budgeted attendance of 81,000, a decrease of 12.5%. June 2017 attendance was 12.4% behind June 2016 attendance of 80,913.
- YTD attendance of 485,943 compared to YTD budgeted attendance of 560,000, a decrease of 13.2%. June 2017 YTD attendance was 16.4% less than June 2016 YTD attendance of 581,321.

¹ Excludes investment income (unrealized gain/loss on investments).

² Excludes investment income (unrealized gain/loss on investments) and depreciation.

June 2017

MTD Attendance				Increase/ Decrease
	2017	2016		
Attendance	70,906	80,913		-12%
Paid	33,829	40,889		-17%
Members	20,070	22,289		-10%
Group	8,763	8,228		7%
Other	8,244	9,507		-13%
Giraffe Feeding	15,261	20,473		-25%
Capture Rate	22%	25%		-15%
Stingray Bay	22,272	22,794		-2%
Capture Rate	31%	28%		11%
MTD Revenue				Increase/ Decrease
	2017	2016		
Admissions	\$278,673	\$334,817		-17%
Per Cap	\$3.93	\$4.14		-5%
Giraffe Feeding	\$45,174	\$41,524		9%
Per Cap	\$0.64	\$0.51		24%
Stingray Bay	\$28,687	\$29,090		-1%
Per Cap	\$0.40	\$0.36		13%
Membership	\$114,420	\$93,439		22%
Contracted Services				Increase/ Decrease
	2017	2016		
Concessions	\$63,540	\$83,386		-24%
Per Cap	\$0.90	\$1.03		-13%
Gift Shop	\$36,903	\$52,912		-30%
Per Cap	\$0.52	\$0.65		-20%

YTD Attendance				Increase/ Decrease
	2017	2016		
Attendance	485,943	581,321		-16%
Paid	244,783	309,372		-21%
Members	122,734	149,145		-18%
Group	80,076	80,988		-1%
Other	38,350	41,816		-8%
Giraffe Feeding	139,429	127,594		9%
Capture Rate	29%	22%		31%
Stingray Bay	213,764	147,722		45%
Capture Rate	44%	25%		73%
YTD Revenue				Increase/ Decrease
	2017	2016		
Admissions	\$2,078,847	\$2,628,700		-21%
Per Cap	\$4.28	\$4.52		-5%
Giraffe Feeding	\$307,874	\$266,783		15%
Per Cap	\$0.63	\$0.46		38%
Stingray Bay	\$184,000	\$191,278		-4%
Per Cap	\$0.38	\$0.33		15%
Membership	\$764,245	\$784,139		-3%
Contracted Services				Increase/ Decrease
	2017	2016		
Concessions	\$394,311	\$467,312		-16%
Per Cap	\$0.81	\$0.80		1%
Gift Shop	\$271,118	\$311,646		-13%
Per Cap	\$0.56	\$0.54		4%

2016 Unaudited
964,091
494,728
256,956
97,710
114,697
219,994
23%
240,355
25%
\$4,099,886
\$4.25
\$450,838
\$0.47
\$298,588
\$0.31
\$1,323,769
\$775,616
\$0.80
\$499,947
\$0.52

Key:

Equal to or ahead of 2016

2% or less behind 2016

More than 2% behind 2016

FRESNO CHAFFEE ZOO
SUMMARY OF KEY INDICATORS
Jun-17

	June 17 Actuals vs. Budget			FY 17 Year-to-Date		
	Actual	Budgeted	Difference	Actuals	Budget	Difference
Attendance	70,906	81,000	(10,094)	485,943	560,000	(74,057)

	June 17 Actuals vs. Budget			FY 17 Year-to-Date		
	Actual	Budgeted	Difference	Actuals	Budget	Difference
Revenue ¹	\$801,922	\$883,971	(\$82,049)	\$4,857,051	\$5,382,875	(\$525,824)
Measure Z Operating	\$373,396	\$378,962	(\$5,566)	\$2,272,506	\$2,324,112	(\$51,606)
Operating Expenses ²	\$496,360	\$434,407	\$61,953	\$2,282,520	\$2,608,152	(\$325,632)
Payroll	\$617,512	\$676,742	(\$59,230)	\$3,728,954	\$4,170,466	(\$441,512)
Net Income	\$61,446	\$151,784	(\$90,338)	\$1,118,083	\$928,369	\$189,714

	FY 17 vs. FY 16 Month-to-Date			FY 17 vs. FY 16 Year To Date		
	Jun-17	Jun-16	Difference	Jun-17	Jun-16	Difference
Attendance	70,906	80,913	(10,007)	485,943	581,321	(95,378)
Revenue ¹	\$801,922	\$813,261	(\$11,339)	\$4,857,051	\$6,996,973	(\$2,139,922)
Measure Z Operating	\$373,396	\$336,785	\$36,611	\$2,272,506	\$2,019,392	\$253,114
Operating Expenses ²	\$496,360	\$419,896	\$76,464	\$2,282,520	\$2,045,612	\$236,908
Payroll	\$617,512	\$560,023	\$57,489	\$3,728,954	\$3,369,181	\$359,773
Net Income	\$61,446	\$170,127	(\$108,681)	\$1,118,083	\$3,601,572	(\$2,483,489)

¹ excludes unrealized gain/(loss) on investments

² excludes depreciation

³ excludes City of Fresno's \$1,500,000 towards shared costs

Fresno's Chaffee Zoo Corporation
Balance Sheet
June 2017

	FY17 @ 6/30/17	FY17 @ 5/31/17
ASSETS		
Cash	\$851,990	\$1,057,548
Short Term Investments	\$22	\$22
Long Term Investments	\$10,793,278	\$10,733,850
Accounts Receivable	\$560,429	\$970,182
Prepaid Expenses	\$137,763	\$138,749
Inventory	\$0	\$0
Building, Equipment, Vehicle and Furniture (net)	\$3,087,923	\$3,117,504
Exhibits	\$64,677,643	\$64,677,643
Construction in Progress	\$1,242,104	\$1,195,561
TOTAL ASSETS	\$81,351,151	\$81,891,060
LIABILITIES AND NET ASSETS		
Liabilities		
Accounts Payable/Accrued Liabilities	\$593,830	\$799,592
Line of Credit	(\$30,670)	\$367,630
Total Liabilities	\$563,160	\$1,167,222
Net Assets		
1-3000-00 Fund Balance-Unrestricted	\$79,323,606	\$79,273,337
2-3000-00 Fund Balance-Temporarily Restricted	\$1,407,104	\$1,393,644
3-3000-00 Fund Balance-Permanently Restricted	\$57,281	\$56,858
Total Net Assets	\$80,787,991	\$80,723,838
TOTAL LIABILITIES AND NET ASSETS	\$81,351,151	\$81,891,060

Fresno's Chaffee Zoo Corporation

Income Statement

@ June 30, 2017

	FY17 Budget	Current Month		Year-to-Date		Variance	FY16 Unaudited
		Month-to-Date Budget @ 6/30/2017	Actual @ 6/30/2017	Month-to-Date Budget @ 6/30/2017	Actual @ 6/30/2017		
REVENUE							
Self-Generated Revenue							
Admissions	\$4,303,500	\$390,083	\$278,673	\$2,601,000	\$2,078,847	(20.1)%	\$4,099,886
Adopt an Animal	\$40,000	\$3,000	\$840	\$28,000	\$17,990	(35.8)%	\$31,650
Board Designated for Endow	\$50,000	\$12,500	\$200	\$25,000	\$2,080	(91.7)%	\$27,613
Education	\$435,600	\$72,533	\$72,279	\$220,500	\$202,115	(8.3)%	\$405,903
Food Services	\$741,000	\$64,000	\$63,540	\$431,500	\$394,311	(8.6)%	\$775,616
Gift Shop	\$503,500	\$43,000	\$36,903	\$294,500	\$271,118	(7.9)%	\$499,947
Giraffe Feeding	\$460,000	\$43,000	\$45,174	\$271,000	\$307,874	13.6%	\$450,838
Grants/Fundraising	\$400,650	\$35,054	\$9,926	\$145,325	\$135,980	(6.4)%	\$313,361
Group Event/Facility Rental	\$480,000	\$50,000	\$110,931	\$205,000	\$301,977	47.3%	\$604,641
Interest Income	\$377,500	\$15,208	\$22,930	\$91,250	\$80,206	(12.1)%	\$327,020
Investment Income	\$0	\$0	\$36,497	\$0	\$597,633	0.0%	\$390,063
Membership	\$1,250,000	\$90,000	\$114,420	\$732,000	\$764,245	4.4%	\$1,323,499
Special Events	\$736,500	\$21,917	\$11,833	\$88,500	\$85,331	(3.6)%	\$704,314
Stingray Exhibit	\$351,000	\$36,800	\$28,687	\$218,050	\$184,000	(15.6)%	\$298,588
Other	\$69,000	\$6,875	\$5,586	\$31,250	\$30,976	(0.9)%	\$61,312
Total Self-Generated Revenue	\$10,198,250	\$883,971	\$838,419	\$5,382,875	\$5,454,684	1.3%	\$10,314,253
City of Fresno	\$0	\$0	\$0	\$0	\$0	0.0%	\$1,500,000
Measure Z-Capital Funds	\$0	\$0	\$0	\$0	\$301,368	0.0%	(\$18,437)
Measure Z Operating Funds	\$4,522,000	\$378,962	\$373,396	\$2,324,112	\$2,272,506	(2.2)%	\$4,190,869
TOTAL REVENUE	\$14,720,250	\$1,262,933	\$1,211,815	\$7,706,987	\$8,028,558	4.2%	\$15,986,685

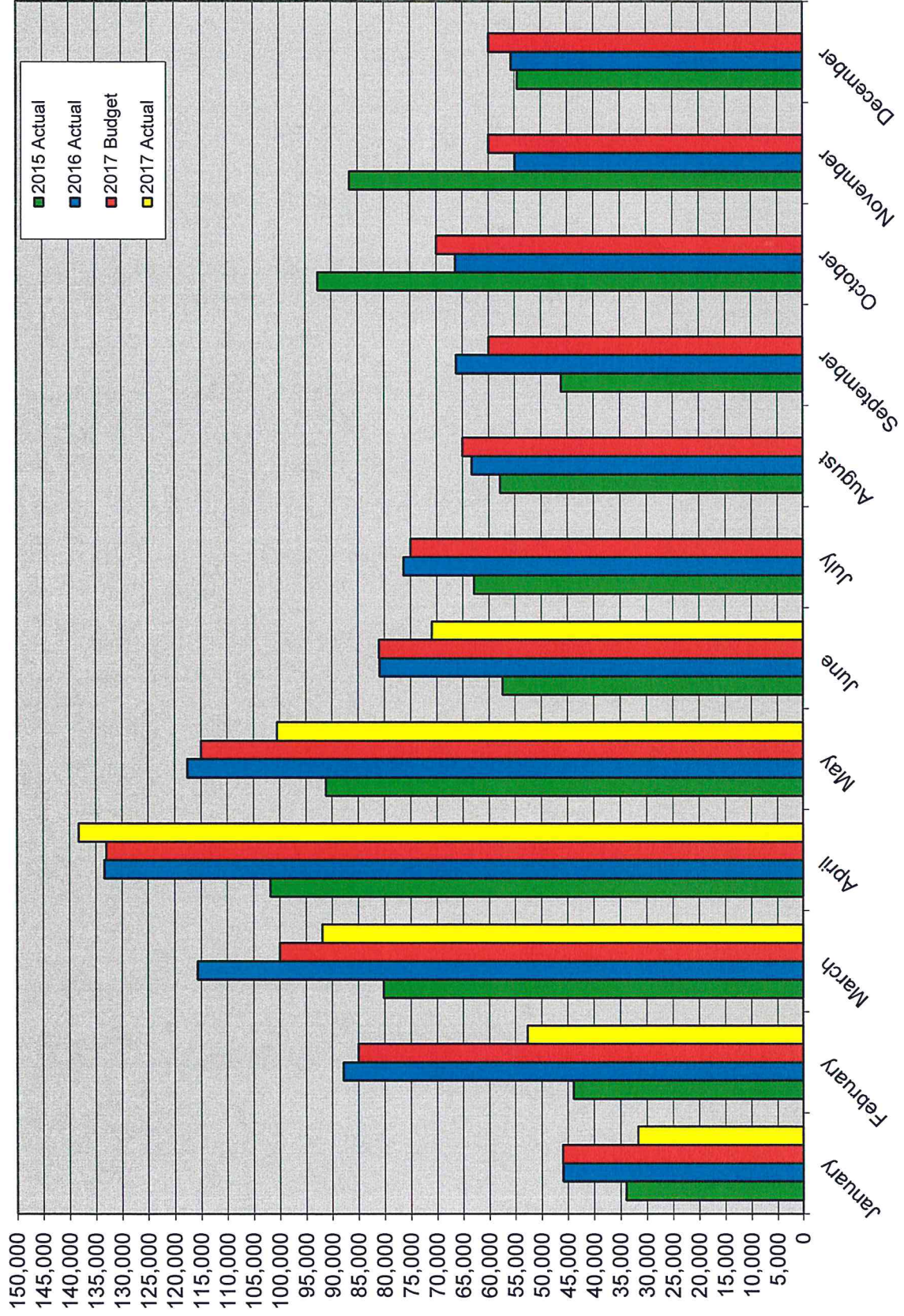
@ June 30, 2017

EXPENSES	Current Month			Year-to-Date				
	FY17 Budget	Month-to-Date Budget @ 6/30/2017	Actual @ 6/30/2017	Variance	Year-to-Date Budget @ 6/30/2017	Actual @ 6/30/2017	Variance	FY16 Unaudited
OPERATING EXPENSES								
Personnel Expenses								
Administration	\$1,027,088	\$79,941	\$65,582	(18.0)%	\$491,047	\$393,525	(19.9)%	\$749,483
Animal	\$3,329,896	\$258,303	\$251,092	(2.8)%	\$1,593,256	\$1,486,631	(6.7)%	\$3,014,559
Education	\$1,109,640	\$86,696	\$81,065	(6.5)%	\$530,044	\$442,421	(16.5)%	\$913,049
Maintenance/Horticulture	\$1,044,051	\$80,104	\$62,387	(22.1)%	\$500,811	\$434,917	(13.2)%	\$848,399
Mem/Dev/Marketing	\$775,318	\$60,622	\$61,263	1.1%	\$370,281	\$359,340	(3.0)%	\$716,455
Operations	\$100,129	\$7,742	\$7,731	(0.1)%	\$47,945	\$46,758	(2.5)%	\$101,648
Veterinary	\$403,330	\$31,066	\$23,563	(24.2)%	\$193,297	\$179,991	(6.9)%	\$390,983
Visitor Services	\$928,289	\$72,269	\$64,828	(10.3)%	\$443,786	\$385,370	(13.2)%	\$795,715
Total Personnel Expenses	\$8,717,741	\$676,742	\$617,512	(8.8)%	\$4,170,466	\$3,728,954	(10.6)%	\$7,530,292
Other Expenses								
Advertising	\$368,400	\$30,125	\$21,584	(28.4)%	\$183,250	\$77,709	(57.6)%	\$358,205
Animal Services	\$484,725	\$40,394	\$84,684	109.6%	\$242,362	\$263,720	8.8%	\$460,911
Computer/Software	\$68,530	\$3,565	\$280	(92.1)%	\$35,990	\$23,982	(33.4)%	\$54,455
Conservation	\$200,000	\$16,667	\$47,600	185.6%	\$100,000	\$62,600	(37.4)%	\$109,044
Contracted Services	\$681,800	\$54,529	\$73,709	35.2%	\$311,075	\$309,102	(0.6)%	\$698,027
Depreciation Expense	\$441,056	\$33,428	\$33,790	1.1%	\$200,605	\$202,741	1.1%	\$3,957,656
Dues	\$42,900	\$1,658	\$0	(100.0)%	\$34,450	\$40,622	17.9%	\$24,911
Equipment	\$264,430	\$17,311	\$28,373	63.9%	\$107,015	\$121,130	13.2%	\$238,221
Fleet	\$50,560	\$4,213	\$1,526	(63.8)%	\$25,280	\$9,830	(61.1)%	\$21,643
Food/Catering	\$302,150	\$26,858	\$8,850	(67.0)%	\$132,650	\$125,070	(5.7)%	\$325,917
Insurance	\$175,000	\$13,500	\$12,919	(4.3)%	\$112,500	\$114,269	1.6%	\$179,461
Miscellaneous Business	\$73,545	\$6,021	\$6,523	8.3%	\$35,894	\$22,665	(36.9)%	\$53,614
Office Supplies	\$32,450	\$2,704	\$520	(80.8)%	\$16,225	\$9,057	(44.2)%	\$33,739
Postage	\$68,545	\$4,252	\$5,976	40.6%	\$31,635	\$29,886	(5.5)%	\$61,189
Printing	\$201,317	\$14,789	\$1,190	(92.0)%	\$92,433	\$75,411	(18.4)%	\$174,398
Professional Services	\$209,500	\$17,392	\$35,336	103.2%	\$104,250	\$134,547	29.1%	\$276,499
Repairs and Replacements	\$337,050	\$27,588	\$23,088	(16.3)%	\$165,525	\$115,726	(30.1)%	\$266,287

Fresno's Chaffee Zoo Corporation
Income Statement
@ June 30, 2017

	FY17 Budget	Current Month			Year-to-Date			FY16 Unaudited
		Month-to-Date Budget @ 6/30/2017	Actual @ 6/30/2017	Variance	Year-to-Date Budget @ 6/30/2017	Actual @ 6/30/2017	Variance	
Service/Bank/Credit Card Fees	\$163,068	\$15,923	\$15,829	(0.6)%	\$87,034	\$109,171	25.4%	\$196,302
Signage	\$19,659	\$1,638	\$1,243	(24.1)%	\$9,829	\$19,947	102.9%	\$18,418
Specialized Services	\$41,800	\$3,483	\$4,914	41.1%	\$20,900	\$17,268	(17.4)%	\$50,432
Staff Development	\$194,266	\$16,189	\$6,947	(57.1)%	\$97,133	\$37,966	(60.9)%	\$116,054
Supplies	\$595,025	\$50,121	\$32,157	(35.8)%	\$265,224	\$187,848	(29.2)%	\$592,643
Telephone	\$51,550	\$4,296	\$6,702	56.0%	\$25,775	\$31,735	23.1%	\$51,231
Uniforms	\$42,800	\$3,567	\$2,067	(42.0)%	\$21,400	\$16,500	(22.9)%	\$36,706
Utilities	\$675,000	\$56,250	\$74,160	31.8%	\$337,500	\$323,658	(4.1)%	\$683,102
Other	\$25,575	\$1,375	\$182	(86.8)%	\$12,825	\$3,102	(75.8)%	\$25,287
Total Other Expenses	\$5,810,701	\$467,835	\$530,150	13.3%	\$2,808,757	\$2,485,261	(11.5)%	\$9,064,352
TOTAL OPERATING EXPENSES	\$14,528,442	\$1,144,577	\$1,147,662	0.3%	\$6,979,223	\$6,214,215	(11.0)%	\$16,594,644
Expansion/Nonoperating Exp.								
Expansion/Nonoperating Exp.	\$0	\$0	\$0	0.0%	\$0	\$0	0.0%	\$1,018
Total Expansion/Nonoperating Exp.	\$0	\$0	\$0	0.0%	\$0	\$0	0.0%	\$1,018
TOTAL EXPENSES	\$14,528,442	\$1,144,577	\$1,147,662	0.3%	\$6,979,223	\$6,214,215	(11.0)%	\$16,595,663
BEGINNING FUND BALANCE	\$78,973,647	\$80,723,838	\$80,723,838	0.0%	\$78,973,647	\$78,973,647	0.0%	\$79,582,625
NET SURPLUS/(DEFICIT)	\$191,808	\$118,356	\$64,153	(45.8)%	\$727,764	\$1,814,343	149.3%	(\$608,978)
ENDING FUND BALANCE	\$79,165,455	\$80,842,194	\$80,787,991	(0.1)%	\$79,701,411	\$80,787,991	1.4%	\$78,973,647

Fresno Chaffee Zoo Attendance Comparison 2015 - 2017





FY2017 July Financial Report

DRAFT

Discussion of Financial Results

As of July 31, 2017

- **Key Facts & Figures:**

- Self-generated revenue¹ of \$5,527,584 compared to budgeted revenue of \$6,305,421.
- Surplus of \$1,669,836² compare to budgeted surplus of \$1,073,186.
- Total personnel expenses are 11.7% under budget and total expenses are 12.1% under budget as of July 31, 2017.
- July 2017 attendance was 56,257 compared to budgeted attendance of 75,000, a decrease of 25.0%. July 2017 attendance was 26.3% behind July 2016 attendance of 76,337.
- YTD attendance of 542,200 compared to YTD budgeted attendance of 635,000, a decrease of 14.6%. July 2017 YTD attendance was 17.6% less than July 2016 YTD attendance of 657,658.




¹ Excludes investment income (unrealized gain/loss on investments).

² Excludes investment income (unrealized gain/loss on investments) and depreciation.

July 2017

MTD Attendance				Increase/ Decrease
	2017	2016		
Attendance	56,257	76,337		-26%
Paid	34,019	45,865		-26%
Members	15,977	22,515		-29%
Group	1,868	2,592		-28%
Other	4,393	5,365		-18%
Giraffe Feeding	16,868	21,515		-22%
Capture Rate	30%	28%		6%
Stingray Bay	21,317	22,880		-7%
Capture Rate	38%	30%		26%
MTD Revenue				Increase/ Decrease
	2017	2016		
Admissions	\$265,113	\$363,957		-27%
Per Cap	\$4.71	\$4.77		-1%
Giraffe Feeding	\$44,393	\$43,102		3%
Per Cap	\$0.79	\$0.56		40%
Stingray Bay	\$25,996	\$29,218		-11%
Per Cap	\$0.46	\$0.38		21%
Membership	\$88,023	\$85,098		3%
Contracted Services				Increase/ Decrease
	2017	2016		
Concessions	\$50,180	\$63,925		-22%
Per Cap	\$0.89	\$0.84		7%
Gift Shop	\$29,457	\$40,109		-27%
Per Cap	\$0.52	\$0.53		0%

Key:

 Equal to or ahead of 2016
 2% or less behind 2016
 More than 2% behind 2016

YTD Attendance				Increase/ Decrease
	2017	2016		
Attendance	542,200	657,658		-18%
Paid	278,802	355,237		-22%
Members	138,711	171,660		-19%
Group	81,944	83,580		-2%
Other	42,743	47,181		-9%
Giraffe Feeding	156,297	149,109		5%
Capture Rate	29%	23%		27%
Stingray Bay	235,081	170,602		38%
Capture Rate	43%	26%		67%
YTD Revenue				Increase/ Decrease
	2017	2016		
Admissions	\$2,344,097	\$2,992,657		-22%
Per Cap	\$4.32	\$4.55		-5%
Giraffe Feeding	\$352,267	\$309,885		14%
Per Cap	\$0.65	\$0.47		38%
Stingray Bay	\$209,995	\$220,496		-5%
Per Cap	\$0.39	\$0.34		16%
Membership	\$852,482	\$869,236		-2%
Contracted Services				Increase/ Decrease
	2017	2016		
Concessions	\$444,491	\$531,237		-16%
Per Cap	\$0.82	\$0.81		1%
Gift Shop	\$300,575	\$351,754		-15%
Per Cap	\$0.55	\$0.53		4%

2016 Unaudited
964,091
494,728
256,956
97,710
114,697
219,994
23%
240,355
25%
\$4,099,886
\$4.25
\$450,838
\$0.47
\$298,588
\$0.31
\$1,323,769
\$775,616
\$0.80
\$499,947
\$0.52

	July 17 Actuals vs. Budget			FY 17 Year-to-Date		
	Actual	Budgeted	Difference	Actuals	Budget	Difference
Attendance	56,257	75,000	(18,743)	542,200	635,000	(92,800)

	July 17 Actuals vs. Budget			FY 17 Year-to-Date		
	Actual	Budgeted	Difference	Actuals	Budget	Difference
Revenue ¹	\$670,132	\$922,546	(\$252,414)	\$5,527,584	\$6,305,421	(\$777,837)
Measure Z Operating Operating Expenses ²	\$362,675	\$407,042	(\$44,367)	\$2,635,178	\$2,731,154	(\$95,976)
	\$347,388	\$434,181	(\$86,793)	\$2,629,393	\$3,042,334	(\$412,941)
Payroll	\$617,659	\$750,589	(\$132,930)	\$4,346,613	\$4,921,055	(\$574,442)
Net Income	\$67,760	\$144,818	(\$77,058)	\$1,186,756	\$1,073,186	\$113,570

	FY 17 vs. FY 16 Month-to-Date			FY 17 vs. FY 16 Year To Date		
	Jul-17	Jul-16	Difference	Jul-17	Jul-16	Difference
Attendance	56,257	76,337	(20,080)	542,200	657,658	(115,458)
Revenue ¹	\$670,132	\$787,126	(\$116,994)	\$5,527,584	\$7,784,099	(\$2,256,515)
Measure Z Operating Operating Expenses ²	\$362,675	\$342,880	\$19,795	\$2,635,178	\$2,362,272	\$272,906
	\$347,388	\$401,775	(\$54,387)	\$2,629,393	\$2,447,387	\$182,006
Payroll	\$617,659	\$595,489	\$22,170	\$4,346,613	\$3,964,670	\$381,943
Net Income	\$67,760	\$132,742	(\$64,982)	\$1,186,756	\$3,734,314	(\$2,547,558)

¹ excludes unrealized gain/(loss) on investments

² excludes depreciation

³ excludes City of Fresno's \$1,500,000 towards shared costs

Fresno's Chaffee Zoo Corporation
Balance Sheet
 July 2017

	FY17 @ 7/31/17	FY17 @ 6/30/17
ASSETS		
Cash	\$857,194	\$830,291
Short Term Investments	\$0	\$22
Long Term Investments	\$10,895,728	\$10,793,278
Accounts Receivable	\$667,155	\$637,005
Prepaid Expenses	\$62,940	\$138,278
Inventory	\$0	\$0
Building, Equipment, Vehicle and Furniture (net)	\$3,120,311	\$3,087,923
Exhibits	\$64,677,643	\$64,677,643
Construction in Progress	\$1,367,955	\$1,242,104
TOTAL ASSETS	<u>\$81,648,927</u>	<u>\$81,406,544</u>
LIABILITIES AND NET ASSETS		
Liabilities		
Accounts Payable/Accrued Liabilities	\$579,069	\$571,836
Line of Credit	\$0	(\$25,243)
Total Liabilities	<u>\$579,069</u>	<u>\$546,593</u>
Net Assets		
Fund Balance-Unrestricted	\$79,581,666	\$79,395,315
Fund Balance-Temporarily Restricted	\$1,430,911	\$1,407,354
Fund Balance-Permanently Restricted	\$57,281	\$57,281
Total Net Assets	<u>\$81,069,858</u>	<u>\$80,859,951</u>
TOTAL LIABILITIES AND NET ASSETS	<u>\$81,648,927</u>	<u>\$81,406,544</u>

Fresno's Chaffee Zoo Corporation

Income Statement

@ July 31, 2017

	Current Month			Year-to-Date			FY16 Audited
	Month-to-Date Budget @ 7/31/2017	Actual @ 7/31/2017	Variance	Year-to-Date Budget @ 7/31/17	Actual @ 7/31/17	Variance	
REVENUE							
Self-Generated Revenue							
Admissions	\$418,083	\$265,113	(36.6)%	\$3,019,083	\$2,344,097	(22.4)%	\$4,099,886
Adopt an Animal	\$500	\$675	35.0%	\$28,500	\$18,665	(34.5)%	\$31,650
Board Designated for Endow	\$0	\$0	0.0%	\$25,000	\$2,080	(91.7)%	\$27,613
Education	\$72,158	\$92,981	28.9%	\$292,658	\$295,147	0.9%	\$405,903
Food Services	\$60,000	\$50,180	(16.4)%	\$491,500	\$444,491	(9.6)%	\$775,616
Gift Shop	\$39,500	\$29,457	(25.4)%	\$334,000	\$300,575	(10.0)%	\$499,947
Giraffe Feeding	\$44,500	\$44,393	(0.2)%	\$315,500	\$352,267	11.7%	\$450,838
Grants/Fundraising	\$35,054	\$24,255	(30.8)%	\$180,379	\$160,235	(11.2)%	\$313,361
Group Event/Facility Rental	\$50,000	\$23,535	(52.9)%	\$255,000	\$325,512	27.7%	\$604,641
Interest Income	\$15,208	\$6,739	(55.7)%	\$106,458	\$86,945	(18.3)%	\$327,020
Investment Income	\$0	\$70,698	0.0%	\$0	\$662,905	0.0%	\$390,063
Membership	\$81,000	\$88,023	8.7%	\$813,000	\$852,482	4.9%	\$1,323,499
Special Events	\$62,917	\$14,500	(77.0)%	\$151,417	\$99,831	(34.1)%	\$704,314
Stingray Exhibit	\$36,500	\$25,996	(28.8)%	\$254,550	\$209,995	(17.5)%	\$298,588
Other	\$7,125	\$4,286	(39.9)%	\$38,375	\$35,262	(8.1)%	\$61,312
Total Self-Generated Revenue	\$922,546	\$740,830	(19.7)%	\$6,305,421	\$6,190,489	(1.8)%	\$10,314,253
City of Fresno	\$0	\$0	0.0%	\$0	\$0	0.0%	\$1,500,000
Measure Z-Capital Funds	\$0	\$105,240	0.0%	\$0	\$483,080	0.0%	(\$18,437)
Measure Z Operating Funds	\$407,042	\$362,675	(10.9)%	\$2,731,154	\$2,635,178	(3.5)%	\$4,190,869
TOTAL REVENUE	\$1,329,588	\$1,208,745	(9.1)%	\$9,036,575	\$9,308,747	3.0%	\$15,986,685

Fresno's Chaffee Zoo Corporation

Income Statement

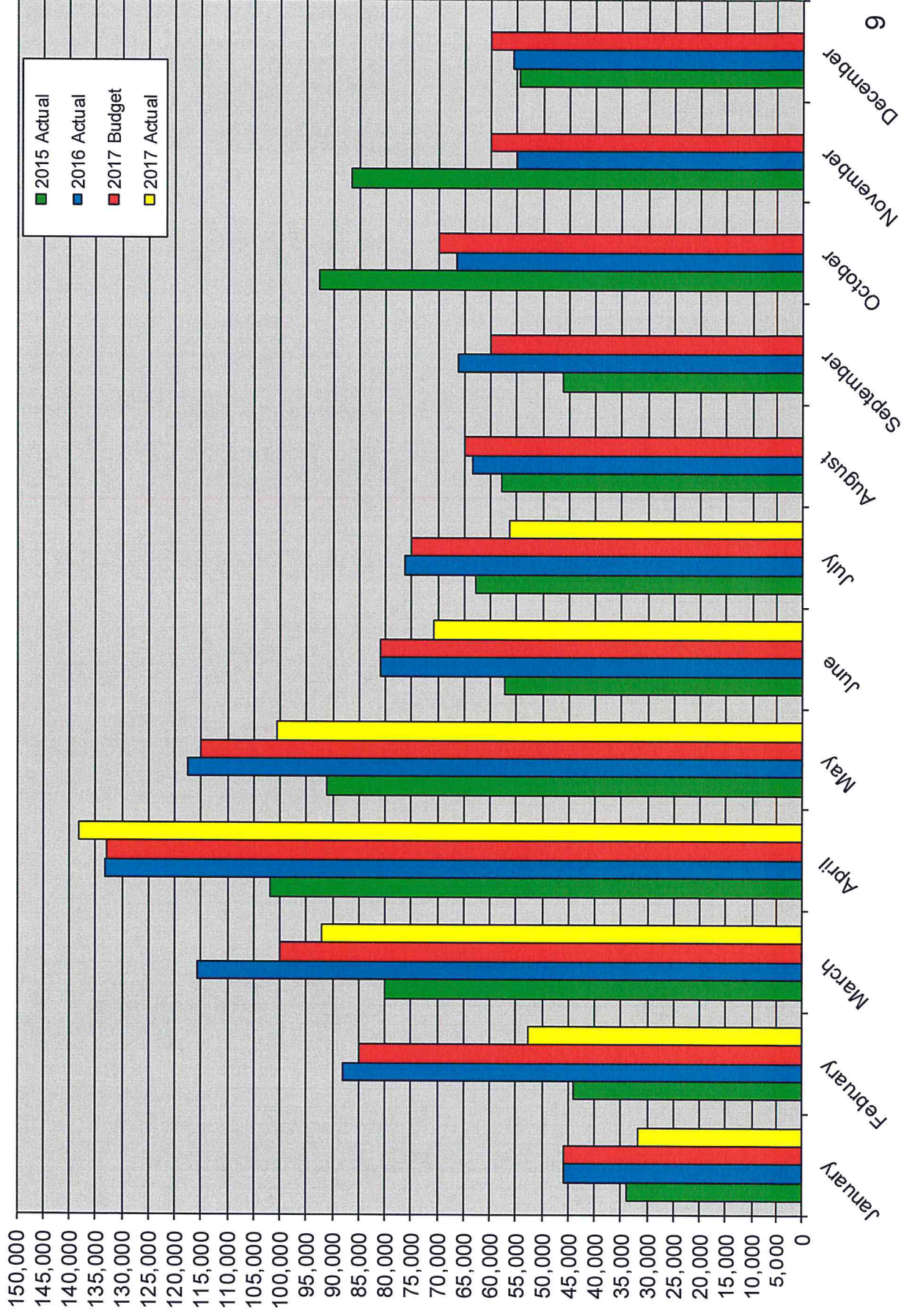
@ July 31, 2017

	Current Month			Year-to-Date		
	Month-to-Date Budget @ 7/31/2017	Actual @ 7/31/2017	Variance	Year-to-Date Budget @ 7/31/17	Actual @ 7/31/17	Variance
EXPENSES						
OPERATING EXPENSES						
Personnel Expenses						
Administration	\$87,891	\$68,944	(21.6)%	\$578,938	\$462,468	(20.1)%
Animal	\$287,191	\$251,249	(12.5)%	\$1,880,447	\$1,737,880	(7.6)%
Education	\$94,108	\$82,704	(12.1)%	\$624,151	\$525,125	(15.9)%
Maintenance/Horticulture	\$92,320	\$67,168	(27.2)%	\$593,130	\$502,086	(15.3)%
Mem/Dev/Marketing	\$65,635	\$60,756	(7.4)%	\$435,917	\$420,097	(3.6)%
Operations	\$8,700	\$7,766	(10.7)%	\$56,645	\$54,524	(3.7)%
Veterinary	\$35,353	\$25,271	(28.5)%	\$228,650	\$205,261	(10.2)%
Visitor Services	\$79,391	\$53,802	(32.2)%	\$523,177	\$439,172	(16.1)%
Total Personnel Expenses	\$750,589	\$617,659	(17.7)%	\$4,921,055	\$4,346,613	(11.7)%
Other Expenses						
Advertising	\$30,525	\$26,812	(12.2)%	\$213,775	\$104,521	(51.1)%
Animal Services	\$40,394	(\$6,155)	(115.2)%	\$282,756	\$257,565	(8.9)%
Computer/Software	\$3,565	\$280	(92.1)%	\$39,555	\$24,262	(38.7)%
Conservation	\$16,667	\$2,001	(88.0)%	\$116,667	\$64,601	(44.6)%
Contracted Services	\$52,579	\$44,645	(15.1)%	\$363,654	\$353,747	(2.7)%
Depreciation Expense	\$40,075	\$33,790	(15.7)%	\$240,680	\$236,531	(1.7)%
Dues	\$1,658	\$0	(100.0)%	\$36,108	\$40,622	12.5%
Equipment	\$16,411	\$14,898	(9.2)%	\$123,425	\$135,513	9.8%
Fleet	\$4,213	\$1,077	(74.4)%	\$29,493	\$10,908	(63.0)%
Food/Catering	\$20,908	\$37,317	78.5%	\$153,558	\$162,387	5.7%
Insurance	\$13,500	\$16,118	19.4%	\$126,000	\$130,387	3.5%
Miscellaneous Business	\$5,921	\$2,970	(49.8)%	\$41,815	\$25,635	(38.7)%
Office Supplies	\$2,704	\$129	(95.2)%	\$18,929	\$9,186	(51.5)%
Postage	\$7,277	\$6,098	(16.2)%	\$38,911	\$35,984	(7.5)%
Printing	\$17,189	\$938	(94.5)%	\$109,622	\$76,349	(30.4)%
Professional Services	\$17,392	\$54,226	211.8%	\$121,642	\$188,773	55.2%
Repairs and Replacements	\$27,588	\$20,092	(27.2)%	\$193,112	\$135,322	(29.9)%

Fresno's Chaffee Zoo Corporation
Income Statement
@ July 31, 2017

	Current Month			Year-to-Date			FY16 Audited
	Month-to-Date Budget @ 7/31/2017	Actual @ 7/31/2017	Variance	Year-to-Date Budget @ 7/31/17	Actual @ 7/31/17	Variance	
Service/Bank/Credit Card Fees	\$12,422	\$11,564	(6.9)%	\$99,456	\$120,734	21.4%	\$196,302
Signage	\$1,638	\$25	(98.5)%	\$11,468	\$19,972	74.2%	\$18,418
Specialized Services	\$3,483	\$6,397	83.6%	\$24,383	\$23,665	(2.9)%	\$50,432
Staff Development	\$16,189	\$1,343	(91.7)%	\$113,322	\$39,309	(65.3)%	\$116,054
Supplies	\$56,471	\$23,795	(57.9)%	\$321,695	\$212,139	(34.1)%	\$592,643
Telephone	\$4,296	\$5,715	33.0%	\$30,071	\$37,450	24.5%	\$51,231
Uniforms	\$3,567	\$1,834	(48.6)%	\$24,966	\$18,334	(26.6)%	\$36,706
Utilities	\$56,250	\$75,462	34.2%	\$393,750	\$399,120	1.4%	\$683,102
Other	\$1,375	(\$192)	(114.0)%	\$14,200	\$2,909	(79.5)%	\$25,287
Total Other Expenses	\$474,256	\$381,178	(19.6)%	\$3,283,014	\$2,865,924	(12.7)%	\$9,064,352
TOTAL OPERATING EXPENSES	\$1,224,846	\$998,837	(18.5)%	\$8,204,069	\$7,212,537	(12.1)%	\$16,594,644
Expansion/Nonoperating Exp.							
Expansion/Nonoperating Exp.	\$0	\$0	0.0%	\$0	\$0	0.0%	\$1,018
Total Expansion/Nonoperating Exp.	\$0	\$0	0.0%	\$0	\$0	0.0%	\$1,018
TOTAL EXPENSES	\$1,224,846	\$998,837	(18.5)%	\$8,204,069	\$7,212,537	(12.1)%	\$16,595,663
BEGINNING FUND BALANCE	\$80,859,951	\$80,859,951	0.0%	\$78,973,647	\$78,973,647	0.0%	\$79,582,625
NET SURPLUS/(DEFICIT)	\$104,742	\$209,907	100.4%	\$832,506	\$2,096,210	151.8%	(\$608,978)
ENDING FUND BALANCE	\$80,964,693	\$81,069,858	0.1%	\$79,806,153	\$81,069,858	1.6%	\$78,973,647

Fresno Chaffee Zoo Attendance Comparison 2015 - 2017





DATE: August 30, 2017

TO: Fresno County Zoo Authority Board

FROM: Catherine Crosby
Board Coordinator

RE: 2017 Measure Z Capital Request – Belmont Basin Relief Line Project

RECOMMENDED ACTION:

Approve Fresno Chaffee Zoo's request for Measure Z Capitol funds totaling \$193,064 dollars for the Belmont Basin Relief Line.

This is a shared cost with the City of Fresno. The project total cost is \$561,233.57, with the City of Fresno responsible for the balance of \$368,169.57. This project was approved by the FCZC Board and Finance Committee on June 21, 2017.

DISCUSSION:

As the Zoo has expanded so has the need for additional storm drainage capacity. As part of the preparations for the African Adventure project, a storm drain line was installed connecting to the Zoo Corporation owned basin located at 841 W. Belmont Avenue just south of the Zoo. There is remaining infrastructure work required by Fresno Metropolitan Flood Control District (Metro Flood) for a line to be completed off the basin site.

In general, this project consists of the installation of storm drainage facilities, including pump structure and the extension of a relief line from the southeast corner of the basin at N. Pacific and W. Franklin. The relief line will extend east from the basin two blocks to N. Humboldt through an existing residential neighborhood, and connecting the basin to the Metro Flood Area RR drainage system basin south of the Belmont Circle (see Attachment F). There will be several utility crossings, and abandonment of existing utility lines required. Haydon Construction shall repave sections, matching existing street sections removed for work activities.

ATTACHMENTS:

- A. Haydon Construction - Bid Proposal Form (dated 5/16/17)
- B. PG&E, Permitting, & Inspection Cost Estimates
- C. BSK Associates – Inspection and Testing Proposal (dated 4/7/17)
- D. Soltek Pacific – Project Management Proposal (dated 5/16/17)
- E. Project Budget
- F. Alan Mok and Metro Flood Project Location Maps

BOARD ACTION: DATE _____ APPROVED AS RECOMMENDED _____ OTHER _____

MOTION _____ SECOND _____ UNANIMOUS _____
BRAND _____ HERZOG _____ LYLES _____ ROMAN _____ STRATFORD _____ TOSTE _____ WATERHOUSE _____

FRESNO METROPOLITAN FLOOD CONTROL DISTRICT**CONSTRUCTION OF STORM DRAINAGE FACILITIES
IN
DRAINAGE AREA "RR-1"
CONTRACT "RR-R"**

Proposals will be received until 11:00:00 A.M. Pacific Standard time on the 16th day of May 2017, and will be opened the same day in the main administrative office of Fresno Chaffee Zoo Corporation (FCZC). After evaluation of bids, the proposers will be notified of who the selected low responsive and qualified proposer is and selected proposer will receive the Letter of Intent/Notice to Proceed from FCZC by June 30th, 2017, or there about.

TO: Fresno's Chaffee Zoo Corporation
C/O Brian Goldman, CFO
894 W Belmont Ave
Fresno, CA 93728

Ladies and Gentlemen:

The undersigned having examined the Referenced Documents, Specifications, and Drawings entitled

FMFCD Basin Relief Line project

As stated in FCZC's Notice Inviting Bidders, FCZ Project No 0205, City Permit Noxxxxx, dated xxxx, 2017, which composes the Bid and Contract Documents including General Conditions, and having visited the site and examined all conditions affecting the work, hereby proposes and agrees to furnish all operations necessary to complete the entire work, as required by said Contract Documents including General Conditions for the stipulated sum as listed.

The undersigned agrees, if awarded the Contract, to execute and construct the entire work complete and ready for service, as recorded by Notice of Completion at County of Fresno, by September 8, 2017 after receipt of notice to proceed with work, expected approximately on June 30, 2017. If awarded the Contract, the undersigned hereby agrees to sign said Contract and furnish necessary bonds (100% performance and 100% payment, etc.), within five days (5) days from the date of selection notification from the FCZC so to do, and begin work no later than July 14, 2017.

The undersigned has checked carefully all the figures listed and understands that the FCZC will not be responsible for any errors or omissions on the part of the undersigned in making up this bid.

The undersigned hereby certifies that this bid is genuine and not sham or collusive, or made in the interests or on behalf of any person not herein named, and that the undersigned has not directly or indirectly induced or solicited any other bidder to put in a sham bid, or any other person, firm, or corporation to refrain from bidding, and that the undersigned has not in any manner sought by collusion to secure for himself an advantage over any other bidder.

Enclosed find Proposer's Bond, \$411,471.00 in the amount of Five Percent (5%) of the bid.

The undersigned acknowledges receipt of the following addenda: No. 1-5/2/17

FMFCD Basin relief line proposal
FCZC

Attachment A

Attachment 'A'

BIDDER'S PROPOSAL

ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT PRICE	SUBTOTAL
1.	694 LF	24" Concrete Pipe, in Place and Backfilled at <u>ONE</u> <u>hundred two</u> <u>thousand dollars</u> Per LF	<u>\$ 102.00</u>	<u>\$ 70,728.00</u>
2.	⁴⁷ 23 LF Add #1	24" Reinforced Concrete Pipe, Class III, in Place and Backfilled at <u>ONE</u> <u>hundred two thousand</u> <u>dollars</u> Per LF	<u>\$ 102.00</u>	<u>\$ 4,794.00</u>
3.	35 LF	18" Reinforced Concrete Pipe, Class III, in Place and Backfilled at <u>ONE</u> <u>hundred seventy six</u> <u>thousand dollars</u> Per LF	<u>\$ 176.00</u>	<u>\$ 6,160.00</u>
4.	42 LF	15" Reinforced Concrete Pipe, Class III, in Place and Backfilled at <u>ONE</u> <u>hundred twenty five</u> <u>dollars</u> Per LF	<u>\$ 125.00</u>	<u>\$ 5,250.00</u>
5.	²³² 181 LF Add #1	6" Class 350 Pipe, in Place and Backfilled at <u>Eighty seven dollars</u> Per LF	<u>\$ 87.00</u>	<u>\$ 20,184.00</u>

ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT PRICE	SUBTOTAL
6.	40 LF	6" Sewer main SDR-35, in Place and Backfilled at _____ <u>Eighty six dollars</u> <u>and fifty cents</u> Per LF	# <u>86.50</u>	\$ <u>3,460.00</u>
7.	⁰ / ₅₁ LF Added #1	6" C-900 pipe, Class 200, in Place and Backfilled at _____ _____ _____ Per LF	/	\$ /
8.	3 EA	FMFCD Type A Case1 Manhole, in Place and Backfilled at <u>Three</u> <u>thousand Eight hundred</u> <u>thirty five dollars</u> Per EA	# <u>3,239.00</u>	\$ <u>11,505.00</u>
9.	1 EA	Type D inlet, in Place and Backfilled at <u>Five</u> <u>thousand fifty</u> <u>dollars</u> Per EA	# <u>5,050.00</u>	\$ <u>5,050.00</u>
10.	1 EA	Christy box with check valve, in Place and Backfilled at <u>Five</u> <u>thousand, Seven hundred</u> <u>ninety five dollars</u> Per EA	# <u>5,785.00</u>	\$ <u>5,785.00</u>

Attachment A

Attachment 'A'

ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT PRICE	SUBTOTAL
11.	2 EA	Submersible Pump, in Place and install at <u>Eleven thousand two hundred seventy five dollars</u>	Per EA <u>\$ 11,275.00</u>	\$ <u>22,550.00</u>
12.	1 EA	Pump Intake structure, in Place and Backfilled at <u>Thirty six thousand, nine hundred forty dollars</u>	Per EA <u>\$ 36,940.00</u>	\$ <u>36,940.00</u>
13.	1 EA	72" Discharge structure, in Place and Backfilled at <u>Eight thousand, two hundred seventy dollars</u>	Per EA <u>\$ 2,270.00</u>	\$ <u>2,270.00</u>
14.	Lump Sum	Electrical work & Transformer complete, in Place and Backfilled at <u>One hundred twenty thousand five hundred fifty dollars</u>	Lump Sum	\$ <u>120,550.00</u>
15.	1 EA	Sewer manhole, in Place and backfilled at <u>Three thousand, six hundred ninety five dollars</u>	Per EA <u>\$ 3,695.00</u>	\$ <u>3,695.00</u>

Attachment A

Attachment 'A'

ITEM NO.	ESTIMATED QUANTITY	ITEM WITH UNIT PRICE WRITTEN IN WORDS	UNIT PRICE	SUBTOTAL
16.	<u>250</u> <u>1,034</u> LF <u>Add #1</u>	Permanent Trench Resurfacing, in Place and backfilled at _____ <u>Thirty six dollars</u> _____ Per LF	<u>\$ 36.00</u>	\$ <u>30,600.00</u>
17.	Lump Sum	Traffic Control, at the Lump Sum of <u>Nine</u> <u>thousand four hundred</u> <u>sixty five dollars</u>	Lump Sum	\$ <u>9,469.00</u>
18.	Lump Sum	Dust Control, at the Lump Sum of _____ <u>two thousand, six hundred</u> <u>forty five dollars</u>	Lump Sum	\$ <u>2,645.00</u>
19.	Lump Sum	Worker Protection, at the Lump Sum of <u>Two thousand</u> <u>five hundred forty</u> <u>dollars</u>	Lump Sum	\$ <u>2,550.00</u>
20.	Lump Sum	Miscellaneous Facilities & Operations, at the Lump Sum of <u>Fifty one thousand,</u> <u>two hundred thirty</u> <u>dollars</u>	Lump Sum	\$ <u>41,230.00</u>
Total of Items 1 through 20 inclusive				\$ <u>41,471.00</u>

Total Costs for Each Day Onsite (GC's, OH, Insurance, etc.) \$ _____

Attachment A

Attachment 'A'

The Contractor shall bid on all the items listed (items 1 through 20) including lump sum total. Fresno's Chaffee Zoo Corporation reserves their rights to reject any or all bids.

In case of discrepancy between words and figures, the words shall prevail and the subtotals calculated accordingly.

The determination of award shall be deemed upon the **sum** of all the subtotals (items 1 through 20). The names of all persons interested in the foregoing proposal as principals are as follows;

IMPORTANT NOTICE:

If Bidder or other interested persons is a corporation, state legal name of corporation, also names of the President, Secretary, Treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individuals, state first and last names in full.

Licensed in the State of California and in accordance with an act providing for the registration of Contractors, License No. 458977

DIR Number (Include proof of certification)

1000016950

Attached hereto and made a part hereof is the subcontractor listing.

NAME OF FIRM:

[Type or Print]

Haydon Construction Inc

Address:

2350 N. Chestnut #103

FRESNO CALIF. 93703

Signature(s)

Alan Haydon

ALAN HAYDON - Pres. / CEO

Date:

5/16/17

Attachment A**THE AMERICAN INSTITUTE OF ARCHITECTS****AIA Document A310
Bid Bond**

KNOW ALL MEN BY THESE PRESENTS, THAT WE Haydon Construction, Inc.

2350 N. Chestnut Ave #103, Fresno, CA 93703

as Principal, hereinafter called the Principal, and United Fire & Casualty Company

3880 Atherton Road, Rocklin, CA 95765

a corporation duly organized under the laws of the State of IA

as Surety, hereinafter called the Surety, are held and firmly bound unto Fresno Chaffee Zoo Corporation

894 W. Belmont Ave, Fresno, CA 93728

as Obligee, hereinafter called the Obligee, in the sum of Five Percent of Amount Bid

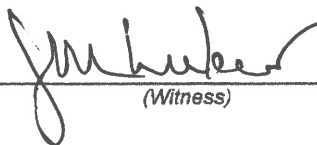
Dollars (\$ 5%),

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for FMFCD Basin Relief Project

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and materials furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 12th day of May, 2017



(Witness)

Haydon Construction, Inc.

(Principal)

(Seal)

By:


Alan Haydon - Pres./CEO


(Title)

United Fire & Casualty Company

(Surety)

(Seal)

By:


Attorney-in-Fact Tanya Chinchilla

(Title)

Attachment A

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Contra Costa)
On May 12, 2017 before me, Lisa M. Lucas, notary public,
Date Here Insert Name and Title of the Officer
personally appeared Tanya Chinchilla
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are ~~XX~~
subscribed to the within instrument and acknowledged to me that he/she/they ~~XX~~ executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s),
or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Lisa M. Lucas
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Individual ☒ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

Signer's Name: _____

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____



Attachment A

**UNITED FIRE & CASUALTY COMPANY, CEDAR RAPIDS, IA
UNITED FIRE & INDEMNITY COMPANY, WEBSTER, TX
FINANCIAL PACIFIC INSURANCE COMPANY, ROCKLIN, CA
CERTIFIED COPY OF POWER OF ATTORNEY**

(original on file at Home Office of Company – See Certification)

**Inquiries: Surety Department
118 Second Ave SE
Cedar Rapids, IA 52401**

KNOW ALL PERSONS BY THESE PRESENTS, That UNITED FIRE & CASUALTY COMPANY, a corporation duly organized and existing under the laws of the State of Iowa; UNITED FIRE & INDEMNITY COMPANY, a corporation duly organized and existing under the laws of the State of Texas; and FINANCIAL PACIFIC INSURANCE COMPANY, a corporation duly organized and existing under the laws of the State of California (herein collectively called the Companies), and having their corporate headquarters in Cedar Rapids, State of Iowa, does make, constitute and appoint LISA M. LUCAS, OR D. RICHARD STINSON, OR TANYA CHINCHILLA, OR JAMES W. JOHNSON, OR NICHOLAS TAN, ALL INDIVIDUALLY OF SAN RAMON CA

their true and lawful Attorney(s)-in-Fact with power and authority hereby conferred to sign, seal and execute in its behalf all lawful bonds, undertakings and other obligatory instruments of similar nature provided that no single obligation shall exceed \$2,000,000.00 and to bind the Companies thereby as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Companies and all of the acts of said Attorney, pursuant to the authority hereby given and hereby ratified and confirmed.

The Authority hereby granted shall expire the 18th day of September, 2018 unless sooner revoked by UNITED FIRE & CASUALTY COMPANY, UNITED FIRE & INDEMNITY COMPANY, AND FINANCIAL PACIFIC INSURANCE COMPANY.

This Power of Attorney is made and executed pursuant to and by authority of the following bylaw duly adopted on May 15, 2013, by the Boards of Directors of UNITED FIRE & CASUALTY COMPANY, UNITED FIRE & INDEMNITY COMPANY, and FINANCIAL PACIFIC INSURANCE COMPANY.

“Article VI – Surety Bonds and Undertakings”

Section 2, Appointment of Attorney-in-Fact. “The President or any Vice President, or any other officer of the Companies may, from time to time, appoint by written certificates attorneys-in-fact to act in behalf of the Companies in the execution of policies of insurance, bonds, undertakings and other obligatory instruments of like nature. The signature of any officer authorized hereby, and the Corporate seal, may be affixed by facsimile to any power of attorney or special power of attorney or certification of either authorized hereby; such signature and seal, when so used, being adopted by the Companies as the original signature of such officer and the original seal of the Companies, to be valid and binding upon the Companies with the same force and effect as though manually affixed. Such attorneys-in-fact, subject to the limitations set forth in their respective certificates of authority shall have full power to bind the Companies by their signature and execution of any such instruments and to attach the seal of the Companies thereto. The President or any Vice President, the Board of Directors or any other officer of the Companies may at any time revoke all power and authority previously given to any attorney-in-fact.

IN WITNESS WHEREOF, the COMPANIES have each caused these presents to be signed by its vice president and its corporate seal to be hereto affixed this 18th day of September, 2016

UNITED FIRE & CASUALTY COMPANY
UNITED FIRE & INDEMNITY COMPANY
FINANCIAL PACIFIC INSURANCE COMPANY

By: Dennis J. Richmann Vice President

State of Iowa, County of Linn, ss:

On 18th day of September, 2016, before me personally came Dennis J. Richmann

to me known, who being by me duly sworn, did depose and say; that he resides in Cedar Rapids, State of Iowa; that he is a Vice President of UNITED FIRE & CASUALTY COMPANY, a Vice President of UNITED FIRE & INDEMNITY COMPANY, and a Vice President of FINANCIAL PACIFIC INSURANCE COMPANY the corporations described in and which executed the above instrument; that he knows the seal of said corporations; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporations and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporations.



Judith A. Davis Notary Public
My commission expires: 04/23/2018

I, David A. Lange, Secretary of UNITED FIRE & CASUALTY COMPANY and Assistant Secretary of UNITED FIRE & INDEMNITY COMPANY, and Assistant Secretary of FINANCIAL PACIFIC INSURANCE COMPANY, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the bylaws and resolutions of said Corporations as set forth in said Power of Attorney, with the ORIGINALS ON FILE IN THE HOME OFFICE OF SAID CORPORATIONS, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

In testimony whereof I have hereunto subscribed my name and affixed the corporate seal of the said Corporations this 12th day of May, 2017.



By: David A. Lange
Secretary, UF&C
Assistant Secretary, UF&I/PIC

Attachment A

FCZ Project No. 0205
Bid Date: May 16, 2017

The following listed Subcontractors are proposed to perform the categories of work hereinafter referred to. All work not covered in the following list will be performed directly by the General Contractor. Listing is required for any trade in excess of one-half (1/2) of one percent (1%) of General Contractor's Total Bid. Use Additional lists if necessary.

[illegible]

Attachment A

Mike Elrod

From: Alan Haydon <haydonconst@yahoo.com>
Sent: Tuesday, May 16, 2017 1:11 PM
To: Mike Elrod
Subject: Re: FCZ-Basin Relief Line project 'RR-R' proposals
Attachments: subcontractor form.jpg

Mike, please see attached subcontractor list form for the FMFCD Contract RR-R Project.

Thank you,
Nathan Surina

Haydon Construction Inc.
Fresno, CA. 93703

Phone: (559) 251-5522
Fax: (559) 251-6933

From: Mike Elrod <melrod@soltekpacific.com>
To: Alan Haydon <haydonconst@yahoo.com>
Sent: Tuesday, May 16, 2017 1:01 PM
Subject: RE: FCZ-Basin Relief Line project 'RR-R' proposals

Email is fine.

Mike Elrod
Soltek Pacific Construction
Regional Office
Ph 559.294.7101
Cell 559.696-8668
Fax 559.294.7367

www.soltekpacific.com



From: Alan Haydon [mailto:haydonconst@yahoo.com]
Sent: Tuesday, May 16, 2017 1:01 PM
To: Mike Elrod <melrod@soltekpacific.com>
Subject: Re: FCZ-Basin Relief Line project 'RR-R' proposals

Mike,

Do you want us to drop off a hard copy of the subcontractor listing form or just send it via email?

Thank you,
Nathan Surina

Attachment A

Haydon Construction Inc.
Fresno, CA. 93703

Phone: (559) 251-5522

Fax: (559) 251-6933

From: Mike Elrod <melrod@soltekpacific.com>
To: Alan Haydon <haydonconst@yahoo.com>; Tim Kemp <tkemp@grizzlydigs.com>
Cc: Brian Goldman <bgoldman@fresnochaffeezoo.org>; Scott Barton <SBarton@fresnochaffeezoo.org>
Sent: Tuesday, May 16, 2017 12:46 PM
Subject: FCZ-Basin Relief Line project 'RR-R' proposals

Alan & Tim-

Neither of your companies submitted the Subcontractor Listing Form. As per the Bid Documents, General Contractors either self-perform all trade related work or they have to submit the Subcontractor Listing Form identifying any trade in excess of one-half of one percent of the General Contractor's Total Bid. Please clarify your bid at this time so that we can finish the bid opening process prior to day's end.

Mike Elrod
Soltek Pacific Construction
Regional Office
Ph 559.294.7101
Cell 559.696-8668
Fax 559.294.7367

www.soltekpacific.com



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From: Smith, Ian [<mailto:IPS2@pge.com>]
Sent: Wednesday, May 31, 2017 9:03 AM
To: Mike Elrod <melrod@soltekpacific.com>
Subject: PG&E Application #112645318

Good morning,

Project FMFCD Basin Relief Line at 841 W. Belmont Ave, Fresno, CA 93728 shall not cost over \$35,000.

The description of work:

FROM POLE # 1 EXTEND SERVICE OH 95 FEET NORTH EAST TO A NEW PG&E POLE

PG&E POLE WILL BE INSIDE FENCE, ON THE CUSTOMER'S PROPERTY

FROM THE NEW PG&E POLE EXTEND SERVICE UG 125 FEET EAST TO THE CUSTOMER'S NEW PANEL AND LIFTER PUMPS (two 10 HP pumps)

Thanks,

Ian Smith | Senior New Business Representative

Service Planning | 3580 E. California Ave, Fresno

Phone: (559) 263-5695 | Email: ips2@pge.com

IMPORTANT: This email is intended for the use of the named addressee(s) only and may contain confidential or proprietary information. Please notify the sender immediately by email if you have received this email by mistake and delete this email from your computer. If you are not the named addressee(s) you should not disseminate, distribute or copy this email. Disclosing, copying, distributing or taking any action in reliance on the contents of this email is strictly prohibited.

Mike:

FMFCD Fee will be \$7500.

Alan Mok
Alan Mok Engineering
7415 N. Palm Avenue Ste. 101
Fresno, CA 93711
Tel 559-432-6879
Cell 559-930-1359
Fax 559-432-6897
alan@alanmokengineering.com

Mike:

The city just gave me an estimate of \$10,970 for inspection fee. You should put in \$16,000 since there will be some plan check fee as well.

Alan Mok
Alan Mok Engineering
7415 N. Palm Avenue Ste. 101
Fresno, CA 93711
Tel 559-432-6879
Cell 559-930-1359
Fax 559-432-6897
alan@alanmokengineering.com



550 West Locust Avenue
Fresno CA 93650
P 559.497.2880
F 559.497.2886
www.bskassociates.com

Sent via email: bgoldman@fresnochaffeezoo.org

April 7, 2017

BSK Proposal CF17-15110

Mr. Brian Goldman
Fresno Chaffee Zoo
894 W. Belmont Avenue
Fresno, California 93728

**SUBJECT: Proposal for Special Inspection and Materials Testing
Fresno Chaffee Zoo Relief Line
West Franklin Avenue from North Pacific Avenue to North Humboldt Avenue
Fresno, California 93728**

Dear Mr. Goldman:

We are pleased to submit this proposal to provide Special Inspection and Materials Testing for the Fresno Chaffee Zoo Relief Line project in Fresno, California.

SCOPE OF SERVICES

Our scope of services for this project includes:

- soils observations and compaction testing
- reinforced concrete inspections
- concrete sampling and testing
- post installed anchor inspections

We understand that Fresno Chaffee Zoo will be constructing storm drain facilities in Fresno Metropolitan Flood Control District Area RR1 (Contract RR-R).

FEES

We will charge our services on a **time and materials basis** in accordance with the hourly rates listed in the Cost Estimate below. The hours listed in our Cost Estimate are only estimates, as we cannot account for delays of which we have no control, such as, but not limited to: retest and reinspections, contractor's schedule, contractor's means and methods, or number of workers on contractor's crew. We will separate retests, reinspections, standby, cancellations, and extra work on the monthly invoices as these

will increase the total billing beyond what we estimated. We understand that this project will be subject to prevailing wage requirements. Travel time and mileage will be billed on a "portal-to-portal" basis from BSK-Fresno, with an on-site minimum of 2-hours, and 1-hour increments thereafter. Invoices will be submitted on monthly intervals based on the work completed during the invoice period. Any testing requested beyond that noted on the Cost Estimate will be charged in accordance with the 2016 BSK Fee Schedule rates. To accommodate construction schedules, BSK may subcontract special inspectors. Inspections performed by subcontract providers will be billed as specified for BSK employees, herein, and at the rates included in the Cost Estimate. BSK has a \$1,000 project minimum. If the total charges incurred for a project is less than \$1,000, the total billing will be \$1,000.

Cost Estimate

FIELD SERVICES	DAYS	HRS/DAY	HOURS	RATE	COST
Earthwork Construction					
Compaction Testing Technician	7	8	56	\$93.00	\$5,208.00
Compaction Testing Technician	5	2	10	\$93.00	\$930.00
Concrete Construction					
Reinforcing Steel Placement Inspection	8	2	16	\$93.00	\$1,488.00
Concrete Placement Observation & Sampling	8	4	32	\$93.00	\$2,976.00
Batch Plant Inspection	0	4	0	\$93.00	\$0.00
Sample Pickup and Delivery	8	2	16	\$93.00	\$1,488.00
Post Installed Anchors					
Post Installed Anchor Placement Observation	1	6	6	\$93.00	\$558.00
	TRIPS	HRS/TRIP	HOURS	RATE	COST
Mobilization / Travel	37	1	37	\$93.00	\$3,441.00
	TRIPS	MI/TRIP	MILES	RATE	COST
Mileage	37	21	777	\$0.88	\$683.76
FIELD SERVICES ESTIMATE					\$16,772.76
LABORATORY TESTING	FREQUENCY	SETS/UNITS	RATE	COST	
Concrete Compressive Strength Test (Set of 4)	1 Set / 100 CY	8	\$120.00	\$960.00	
Compaction Curves - Base Rock (6" Mold)	1 per material	1	\$225.00	\$225.00	
Compaction Curves - Site Soils (4" Mold)	1 per material	2	\$210.00	\$420.00	
LABORATORY TESTING ESTIMATE					\$1,605.00
PROJECT MANAGEMENT & ADMINISTRATION		HOURS	RATE	COST	
Registered Engineer (Review, support and reporting)		2	\$175.00	\$350.00	
Project Manager (Field Oversight, Daily Report Review)		5	\$155.00	\$775.00	
Administration (Data Processing, Report Prep., Field Coordination)			7%	\$1,238.58	
ADMINISTRATION ESTIMATE					\$2,363.58
TOTAL BUDGET ESTIMATE					\$20,741.34

We based our Cost Estimate on the following assumptions:

- All field work will occur during normal business hours Monday through Friday;
- 8-hour work days (including travel time);
- Overtime will be charged at 1.5 times the hourly rate (for working 8 to 12 hours in one day);
- Shops and batch plants (if any) are local to Bakersfield, Fresno, or the Jobsite;
- Welding inspections are at a single shop for a single shift;
- Safe and adequate access to perform testing and inspections is to be provided by the shop, contractor, or client



It is our practice to notify you if it appears that our fees will exceed this estimation; although, due to the timing and nature of our services, this may not always be possible. BSK will make every effort to respond to the needs of your project. However, to provide better service, we ask that you schedule inspection and testing services at least 48 hours in advance. To avoid show-up charges, please cancel requests for service at least two working hours in advance of our arrival time.

GENERAL CONDITIONS AND LIMITATIONS

We have included a copy of the Agreement for Construction Materials Testing Services with this proposal and our General Conditions for Construction Materials Engineering and Testing Services.

We provide material testing and inspection services to help verify that the work is in conformance with the project documents. These services shall not be construed as acceptance of the work or relieve the contractor in any way from its obligations and responsibilities as outlined in the applicable construction documents. We assume no responsibility for the safety of others on the jobsite or the means and methods of construction.

We will perform our services consistent with that level of care and skill ordinarily exercised by other consultants practicing in the same discipline and locale at the time the services are performed. No other warranties, either express or implied are provided. If changes occur in the design of the project, please notify us in writing.

AUTHORIZATION

If our proposal and general conditions are acceptable, please sign our agreement and return to us. We will countersign the agreement and return a copy to you.

We appreciate the opportunity to work with you on this project. If you have any questions, or require additional information or services, please contact the undersigned at (559) 497-2868.

Sincerely,

BSK Associates



Andy L. Neufeld
Project Manager
Construction Services Group



Michael Collins
Construction Services Group Manager

ALN/MC/cc



Proposal for Special Inspection and Materials Testing
Fresno Chaffee Zoo Relief Line
Fresno, California

BSK Proposal CF17-15110

April 7, 2017

Page 4

Enclosures: Agreement for Construction and Materials Testing Services
 General Conditions for Construction and Materials Testing Services



AGREEMENT FOR CONSTRUCTION MATERIALS ENGINEERING AND TESTING SERVICES

THIS AGREEMENT, effective as of this _____ day of _____ 2017, is by and between Fresno Chaffee Zoo ("Client") and BSK Associates ("Consultant").

THE PROJECT is generally described as Fresno Chaffee Zoo Relief Line at West Franklin Avenue from North Pacific Avenue to North Humboldt Avenue, Fresno, California 93728.

THIS AGREEMENT consists of the following documents which are incorporated herein by reference:

- General Conditions for Construction and Materials Testing Services;
- Consultant's Scope of Services presented in BSK's proposal CF17-15110, dated April 7, 2017.

Consultant agrees to perform the Services set forth in this Agreement and in accordance with its terms, including all attachments incorporated herein by reference. This Agreement may not be modified or altered, except in writing as specifically described in this Agreement.

	Client	Consultant
Signature:	_____	_____
Print Name:	_____	Michael Collins
Title:	_____	Construction Services Group Manager
Company:	Fresno Chaffee Zoo	BSK Associates
Address:	894 W. Belmont Avenue	550 West Locust Avenue
	Fresno, California 93728	Fresno, California 93650
Date:	_____	_____



GENERAL CONDITIONS FOR CONSTRUCTION MATERIALS ENGINEERING & TESTING SERVICES

1. DEFINITIONS

1.1 Contractor. The contractor or contractors, and including its/their subcontractors of every tier, retained to perform construction Work on the Project for which Company is providing Services under this Agreement.

1.2 Day(s). Calendar day(s) unless otherwise stated.

1.3 Hazardous Materials. Any toxic substances, chemicals, radioactivity, pollutants or other materials, in whatever form or state, known or suspected to impair the environment in any way whatsoever. Hazardous Materials include, but are not limited to, those substances defined, designated or listed in any federal, state or local law, regulation or ordinance concerning hazardous wastes, toxic substances or pollution.

1.4 Inspection (or Observation). Visual determination of conformance with specific or, on the basis of Company's professional judgment, general requirements.

1.5 Services. The professional services provided by Company under this Agreement, including all services described in the SCOPE OF SERVICES included in Exhibit A, and any written Task Order or amendment to this Agreement.

1.6 Testing. Measurement, examination, performance of tests, and any other activities to determine the characteristics or performance of materials.

1.7 Work. The labor, materials, equipment and services of Contractor.

2. SCOPE OF SERVICES

2.1 Services Provided; Independent Contractor. Company will provide construction materials engineering and testing services as set forth in the SCOPE OF SERVICES in Exhibit A. Company will perform its Services under this Agreement as an independent contractor.

2.2 Authority of Company. Company will report observations and data to the Client. Company will report any observed work to the Client or Client's representative, which, in Company's opinion, does not conform with plans, specifications, and codes applicable to the Project. Company has no right or responsibility to approve, accept, reject, or stop work of any agent of the Client.

2.3 Referenced Standards. Company will perform all standard tests, inspections and observations in general accordance with referenced standards and makes no representation regarding compliance with any other standards.

2.4 Variation of Material Characteristics and Conditions. Observations and standardized sampling, inspection and testing procedures employed by Company will indicate conditions of materials and construction activities only at the precise location and time where and when Services were performed.

Client recognizes that conditions of materials and construction activities at other locations may vary from those measured or observed, and that conditions at one location and time do not necessarily indicate the conditions of apparently identical material(s) at other locations and times. Services of Company, even if performed on a continuous basis, should not be interpreted to mean that Company is observing, verifying, testing or inspecting all materials on the Project. Company is responsible only for those data, interpretations, and recommendations regarding the actual materials and construction activities observed, sampled, inspected or tested, and is not responsible for other parties' interpretations or use of the information developed. Company may make certain inferences based upon the information derived from these procedures to formulate professional opinions regarding conditions in other areas.

2.5 Changes in Scope. Client may request changes in the SCOPE OF SERVICES in Exhibit A. Such changes, including any change in Company's compensation or time of performance, which are mutually agreed upon by Company and Client, will be incorporated in written amendments to this Agreement. No change will be effective unless it is in writing and signed by Client and Company, or if made orally, confirmed by the parties in writing within 10 days.

2.6 Excluded Services. Company's Services under this Agreement include only those Services specified in the SCOPE OF SERVICES in Exhibit A. Client expressly releases any claim against Company relating to any additional Services that Company recommended, but that Client either did not authorize or instructed Company not to perform.

3. PAYMENTS TO COMPANY

3.1 Basic Services. Company will perform all Services set forth in the SCOPE OF SERVICES AND SCHEDULE OF CHARGES for the amount(s) set forth therein. Company will give Client at least 30 days advance notice of any changes to its standard rates. Unless Client objects in writing to the amended fee structure within 30 days of notification, it will be incorporated into this Agreement and will supersede any prior fee structure.

3.2 Additional Services. Any Services performed under this Agreement, except those Services expressly identified otherwise in the attached SCOPE OF SERVICES in Exhibit A, will be provided on a time and materials basis unless otherwise specifically agreed to in writing by both parties.

3.3 Estimate of Fees. Company will, to the best of its ability, perform the Services and accomplish the objectives defined in this Agreement within any written cost estimate provided by Company. Client recognizes that unforeseen circumstances along with changes in scope and schedule can influence the successful completion of Services within the estimated cost. The use of an estimate of fees or of a "not to

exceed" limitation indicates that Company will not incur fees and expenses in excess of the estimate or limitation amount without obtaining Client's agreement to do so, but is not a guarantee that the Services will be completed for that amount.

3.4 Rates. Client will pay Company at the rates set forth in the SCHEDULE OF CHARGES in Exhibit A, which is subject to periodic review and amendment, as appropriate to reflect Company's then-current fee structure.

3.5 Prevailing Wages. Unless Client specifically informs Company in writing that prevailing wage regulations cover the Project and the SCOPE OF SERVICES in Exhibit A identifies it as covered by such regulations, Client hereby releases and agrees to reimburse Company for any liability and costs it may incur resulting from a subsequent determination that prevailing wage regulations cover the Project, including all costs, fines and attorney's fees.

3.6 Payment Timing; Late Charge. Company will submit invoices to Client periodically, but no more frequently than every two (2) weeks. All invoices are due and payable upon presentation, and any amounts unpaid 30 days after the invoice date will include a late payment charge from the date of the invoice, at 1-1/2% per month or the maximum legal rate, whichever is lower. The failure by Client to pay Company within thirty (30) days of date of invoice will constitute a substantial failure of Client to perform under this Agreement. Client will reimburse Company for all time spent and expenses (including fees of any attorney, collection agency, and/or court costs) incurred in connection with collecting any delinquent amount.

3.7 Payment Disputes. If Client objects to any portion of an invoice, Client must so notify Company in writing within 10 days of the invoice date, identify the cause of disagreement, and pay when due the portion of the invoice not in dispute. The parties will immediately make every effort to resolve the disputed portion of the invoice. Payment thereafter will first be applied to accrued interest and then to the unpaid principal amount.

4. PERFORMANCE STANDARD

4.1 Professional Standards. Company will perform the Services consistent with that level of care and skill ordinarily exercised by other professionals providing similar services in the same locale and under similar circumstances at the time the Services are performed. No other representation, express or implied, and no warranty or guarantee is included or intended by this Agreement or any report, opinion, document, or other instrument of service.

4.2 Sampling, Inspection & Test Locations. Unless specifically stated otherwise, the SCOPE OF SERVICES in Exhibit A does not include surveying the Site or precisely identifying sampling, inspection or test locations, depths or elevations. Sampling, inspection and test locations, depths and elevations will be based on field estimates and information furnished by Client and its representatives. Unless stated otherwise in the report, such locations, depths and elevations are approximate. Company will take reasonable precautions to limit damage to the Project Site or Work due to the performance of Services, but Client understands that some damage may necessarily occur in the normal course of

Services, and this Agreement does not include repair of such damage unless specifically stated in the SCOPE OF SERVICES in Exhibit A.

4.3 Sample Disposal. Company will dispose of all samples after submission of the report covering those samples. Company will provide further storage or transfer of samples only upon Client's prior written request and agreement on appropriate compensation.

4.4 Buried Utilities & Structures; Property Restoration. If the Services require borings, test pits or other invasive exploratory work, Client will provide Company with all information in its possession regarding the location of underground utilities and structures. Company will contact an appropriate utility locator and take into consideration utility locations shown on drawings provided to Company by the Client to reduce the risk of damage or injury to underground structures, pipelines and utilities. The Client agrees to hold Company harmless for any damage to underground structures or utilities that are not called to its attention or are not correctly shown on plans or drawings furnished for the purpose of locating such structures and utilities. If Client desires Company to restore the property to its former condition or better, Company will provide the additional Services at an additional cost.

5. CONTRACTOR'S PERFORMANCE

Company is not responsible for Contractor's means, methods, techniques or sequences during the performance of its Work. Company will not supervise or direct Contractor's Work, nor be liable for any failure of Contractor to complete its Work in accordance with the Project's plans, specifications and applicable codes, laws and regulations. Client understands and agrees that Contractor, not Company, has sole responsibility for the safety of persons and property at the Project Site.

6. CLIENT'S RESPONSIBILITIES

In addition to payment for the Services performed under this Agreement, Client agrees to:

6.1 Access. Grant or obtain free access to the Project Site for all equipment and personnel necessary for Company to perform its Services under this Agreement.

6.2 Representative. Designate a representative for notices and information pertaining to the Services, communicate Client's policies and decisions, and assist as necessary in matters pertaining to the Project and this Agreement. Client may change its representative by written notice.

6.3 Information. Supply to Company all information and documents relevant to the Services. Company may rely upon such information without independently verifying its accuracy. Client will notify Company of any known potential or possible health or safety hazard regarding the materials to be tested, including its intended use, chemical composition, relevant MSDS, manufacturers' specifications and literature, and any previous test results.

6.4 Project Information. Client agrees to provide Company within 7 days after written request, a correct statement of the recorded legal title to the property on which

the Project is located and the Client and/or Owner's interest therein.

7. CHANGED CONDITIONS

If Company discovers conditions or circumstances that it did not contemplate ("Changed Conditions") at the time of this Agreement, it will give Client written notice of the Changed Conditions. Client and Company will then negotiate an appropriate amendment to this Agreement. If they cannot agree upon an amendment within 30 days after the notice, Company may terminate this Agreement and be compensated as set forth in Section 12, "Suspension & Delay; Termination."

8. CERTIFICATIONS

Client will not require Company to execute any certification regarding Services performed or Work tested or observed unless: 1) Company believes that it has performed sufficient Services to provide a sufficient basis to issue the certification; 2) Company believes that the Services performed and Work tested or observed meet the criteria of the certification; and 3) Company has reviewed and approved in writing the exact form of such certification prior to execution of this Agreement. Any certification by Company is limited to the expression of a professional opinion based upon the Services performed by Company, and does not constitute a warranty or guarantee, either express or implied. Client agrees not to condition the resolution of any dispute upon Company signing a certification.

9. ALLOCATION OF RISK

9.1 Limitation of Remedy. The total cumulative liability of Company, its subconsultants and subcontractors, and all of their respective shareholders, directors, officers, employees and agents (collectively "Company Entities") to Client arising from Services under this Agreement, including attorney's fees due under this Agreement, will not exceed the gross compensation received by Company under this Agreement or \$50,000, whichever is less. This limitation applies to all lawsuits, claims or actions that allege errors or omissions in Company's Services, whether alleged to arise in tort, contract, warranty, or other legal theory. Upon Client's written request, Company and Client may agree to increase the limitation to a greater amount in exchange for a negotiated increase in Company's fee, provided that the parties amend this Agreement in writing, as provided in Section 14.3 "Modification of This Agreement."

9.2 Indemnification of Client. Subject to the terms and limitations of this Agreement, Company will indemnify and hold harmless Client, its shareholders, officers, directors, employees, and agents from and against any and all claims, suits, liabilities, damages, expenses (including without limitation reasonable attorney's fees and defense costs) and other losses (collectively "Losses") to the extent caused by Company's negligence in performance of this Agreement. Company's defense obligation under this indemnity paragraph is limited to the reimbursement of reasonable defense costs to the extent of the Company's actual indemnity obligation hereunder.

9.3 Indemnification of Company. Client will indemnify and hold harmless Company Entities from and against any and all Losses except to the extent caused by the sole negligence of Company Entities. In addition, except to the extent caused by Company's negligence, Client will defend, indemnify and hold harmless Company Entities from and against any and all Losses arising from or related to the existence, disposal, release, discharge, treatment or transportation of Hazardous Materials, or the exposure of any person to Hazardous Materials, or the degradation of the environment due to the presence, discharge, disposal, release of or exposure to Hazardous Materials.

9.4 No Personal Liability. Client and Company intend that Company's Services will not subject Company's individual employees, officers or directors to any personal liability. Therefore, and notwithstanding any other provision of this Agreement, Client agrees as its sole and exclusive remedy to direct or assert any claim, demand or suit only against the business entity identified as "Company" on the first page of this Agreement.

9.5 Consequential Damages. Neither Client nor Company will be liable to the other for any special, consequential, incidental or penal losses or damages including but not limited to losses, damages or claims related to the unavailability of property or facilities, shutdowns or service interruptions, loss of use, profits, revenue, or inventory, or for use charges, cost of capital, or claims of the other party and/or its customers.

9.6 Continuing Agreement. The provisions of this Section 9, "Allocation of Risk," will survive the expiration or termination of this Agreement. If Company provides Services to Client that the parties do not confirm through execution of an amendment to this Agreement, the provisions of this Section 9 will apply to such Services as if the parties had executed an amendment.

10. INSURANCE

10.1 Company's Insurance. If reasonably available, Company will maintain the following coverages:

10.1.1 Statutory Workers' Compensation/Employer's Liability Insurance;

10.1.2 Commercial General Liability Insurance with a combined single limit of \$1,000,000;

10.1.3 Automobile Liability Insurance, including liability for all owned, hired and non-owned vehicles with minimum limits of \$1,000,000 for bodily injury per person, \$1,000,000 property damage, and \$1,000,000 combined single limit per occurrence; and,

10.1.4 Professional Liability Insurance in amounts of at least \$1,000,000 per claim and annual aggregate.

10.2 Client's Insurance. As appropriate, Client will obtain Builder's Risk or other property insurance to protect it from injury or damage to the Project, and which waives all rights of subrogation against Company. Proceeds from such insurance will be held by Client as trustee and will be payable to Company as its interests appear.

10.3 Certificates of Insurance. Upon request, Company and Client will each provide the other with certificate(s) of insurance evidencing the existence of the policies required herein. Except for Professional Liability and Workers' Compensation Insurance, all policies required under this Agreement shall contain a waiver of subrogation.

11. OWNERSHIP AND USE OF DOCUMENTS

11.1 Company Documents. Unless otherwise agreed in writing, all documents and information prepared by Company including, but not limited to, reports, boring logs, maps, field data, field notes, drawings and specifications, test data and other similar instruments of service (collectively "Documents") are the property of Company. Company has the right, in its sole discretion, to dispose of or retain the Documents.

11.2 Client Documents. All documents provided by Client will remain the property of Client. Company will return all such documents to Client upon request, but may retain copies for its files.

11.3 Use of Documents. Except as otherwise agreed to by Client and Company, all Documents prepared by Company are solely for use by Client and will not be provided by either party to any other person or entity without Company's prior written consent.

11.3.1 Use by Client. Client has the right to reuse the Documents for purposes reasonably connected with this Project for which the Services are provided, including without limitation design and licensing requirements of the Project.

11.3.2 Use by Company. Company retains the right of ownership with respect to any patentable concepts or copyrightable materials arising from Services and the right to use the Documents for any purpose.

11.4 Electronic Media. Company may agree at Client's request to provide Documents and information in an electronic format as a courtesy. However, the paper original issued by Company will remain the final product of the Services. Company makes no warranties, either express or implied, regarding the fitness or suitability of any electronic Documents or media.

11.5 Unauthorized Use. No party other than Client may rely on the Documents without Company's prior written consent and receipt of additional compensation. Client waives any and all claims against Company resulting from the unauthorized use or alteration of Documents by Client or any party obtaining them through Client. Client will defend, indemnify and hold harmless Company from and against any claim, action or proceeding brought by any party claiming to rely upon information or opinions contained in Documents without having obtained Company's prior written consent.

12. SUSPENSION & DELAY; TERMINATION

12.1 Suspension & Delay. Client may, upon 10 days written notice at any time, suspend Company's Services. Company may terminate this Agreement if Client suspends the Services for more than 60 days, in which case Client will pay Company as provided in Section 12.4. If Client suspends the Services, or

if Client or others delay Company's Services, Client and Company agree to equitably adjust the time for completion of the Services and Company's compensation for the additional labor, equipment, and other charges associated with maintaining its workforce for Client's benefit during the delay or suspension, and any charges incurred by Company for demobilization and subsequent remobilization.

12.2 Termination for Convenience. Company and Client may terminate this Agreement for convenience upon 10-days written notice delivered or mailed to the other party.

12.3 Termination for Cause. In the event of material breach of this Agreement, the non-breaching party may terminate this Agreement if the breaching party fails to cure the breach within 10 days following delivery of the non-breaching party's written notice of the breach to the breaching party. The termination notice must state the basis for the termination. The Agreement may not be terminated for cause if the breaching party cures the breach within the 10-day period.

12.4 Payment on Termination. Following termination other than for Company's breach of this Agreement, Client will pay Company for the Services performed prior to the termination notice date, and for any necessary Services and expenses incurred in connection with the termination of the Project, including but not limited to, the costs of completing analysis, records and reports necessary to document job status at the time of termination and costs associated with termination of subcontractor contracts in accordance with Company's then-current SCHEDULE OF CHARGES in Exhibit A.

12.5 Force Majeure. In the event that Company is prevented from completing performance of its obligations under this Agreement by adverse weather or other occurrence beyond the control of Company, then Company will be excused from any further performance of its obligations and undertakings. In the event of a force majeure delay that does not result in termination of the Agreement, the schedules will be equitably adjusted.

13. DISPUTES

13.1 Mediation. All disputes between Company and Client are subject to mediation. Either party may demand mediation by serving a written notice stating the essential nature of the dispute, the amount of time or money claimed, and requiring that the matter be mediated within 45 days of service of notice. No action or suit may be commenced unless the parties fail to conduct the mediation within 45 days after service of notice; or mediation occurred but did not resolve the dispute; or a statute of limitation would elapse if suit was not filed prior to 45 days after service of notice.

13.2 Choice of Law; Venue. This Agreement will be construed in accordance with and governed by the laws of the state in which the Project is located.

13.3 Statutes of Limitations. Any applicable statute of limitations will be deemed to commence running on the earlier of the date of substantial completion of Company's Services under this Agreement or the date on which claimant knew, or should have known, of facts giving rise to its claims.

14. MISCELLANEOUS

14.1 Assignment and Subcontracts. During the term of this Agreement and following its expiration or termination for any reason, neither party may assign this Agreement or any right or claim under it, in whole or in part, without the prior written consent of the other party, except for an assignment of proceeds for financing purposes. Any assignment that fails to comply with this paragraph will be void and of no effect. Company may subcontract for the services of others without obtaining Client's consent if Company deems it necessary or desirable for others to perform certain Services.

14.2 Integration and Severability. This Agreement reflects the parties' entire agreement with respect to its terms and limitations and supersedes all prior agreements, written and oral. If any portion of this Agreement is found void or voidable, such portion will be deemed stricken and the Agreement reformed to as closely approximate the stricken portions as law allows. These terms and conditions survive the completion of the Services under and the termination of the Agreement, whether for cause or for convenience.

14.3 Modification of This Agreement. This Agreement may not be modified or altered, except by a written agreement signed by authorized representatives of both parties and referring specifically to this Agreement.

14.4 Notices. Any and all notices, requests, instructions, or other communications given by either party to the other must be in writing and either hand delivered to the recipient or delivered by first-class mail (postage prepaid) or express mail (billed to sender) at the addresses given in this Agreement.

14.5 Headings. The headings used in this Agreement are for convenience only and are not a part of this Agreement.

14.6 Waiver. The waiver of any term, condition or breach of this Agreement will not operate as a subsequent waiver of the same term, condition, or breach.

14.7 Precedence. These GENERAL CONDITIONS take precedence over any inconsistent or contradictory provisions contained in any other agreement term, proposal, purchase order, requisition, notice to proceed, or other document regarding Company's Services.

14.8 Incorporation of Provisions Required By Law. Each provision and clause required by law to be inserted in this Agreement is included herein, and the Agreement should be read and enforced as though each were set forth in its entirety herein.

End of General Conditions

Fresno Chaffee Zoo Corporation
894 W. Belmont Ave
Fresno, CA 93728
(559) 498-5919 office
SBarton@fresnochaffeezoo.org

5-16-17

Reference: Request for Budget Proposal
Basin Relief Line Project 'RR-R'

Dear Mr. Barton:

Soltek Pacific Construction Company (Soltek Pacific) is pleased to submit a proposal for project management services for the Basin Relief line project that connects the existing basin over to an existing FMFCD structure. The project itself is off the Zoo grounds, just south of Belmont with the cross street of Franklin. The line will make final connection at Humboldt Ave just East of the basin. A pump structure along with electrical infrastructure as needed will be installed.

The following describes our overall approach to the management of the construction activities involved, and working knowledge of the project.

Scope and Deliverables

Construction Phase Services

- ◆ The project manager will provide weekly project updates
 - Assist the FCZ CFO and outside legal counsel in writing the contract including obtaining Contractors' Schedule of Values as it relates to payments
 - Analysis of the weekly look-ahead project schedules, along with reporting any changes to the projects anticipated completion date
 - Status of the Owner's contingency including approved and anticipated change orders
 - Status of all closed, current and outstanding information requests, submittals and other items that need timely response by the Architect, Owner or Contractor
 - Review and verify As-Built documents are being accurately recorded by Contractor and their trade contractors
- ◆ In addition to the weekly reports the project manager will also:
 - Attend all construction meetings and review Contractor provided meeting minutes for accuracy
 - Ensure Contractor is holding weekly safety meetings, and review their site operations
 - Provide change order evaluation and recommendations
 - Maintain complete and accurate document files-both electronic and hard copy
 - Provide written reports on all site visits including reason for visit and all items discussed during visit. Photographs of work in place will also be taken and provided via digital files at end of project
 - Monthly review of Contractor's pay applications and provide written recommendations on any modifications required by Contractor. Includes collection of Contractor's releases.



Fees, Conditions and Schedule

Soltek Pacific Construction company will provide professional project management services suited to the second phase of the Water Play area project. The rates for these resources are as follows:

Construction Project Manager:	\$125.00 per hour
Project Manager:	\$110.00 per hour
Administrative Assistant:	\$45.00 per hour

Description	Estimated Hours	Rate	Estimated Cost
Construction Project Manager	156	\$125	\$19,500.00
Project Manager		\$110	\$0.00
Administrative Assistant		\$45	<u>\$0.00</u>
		Total Costs	\$19,500.00

NOTE: This price represents an estimate based upon information gathered and a scheduled duration for the project of 3 months. If lesser hours are expended, a lower overall cost will be billed. If additional hours are required, authorization would be sought prior to exceeding the number of hours estimated.

Our team is ready to proceed with management services upon acceptance of the listed costs. I will remain the point of contact for FCZ including addressing any questions that you might have upon review of this document.

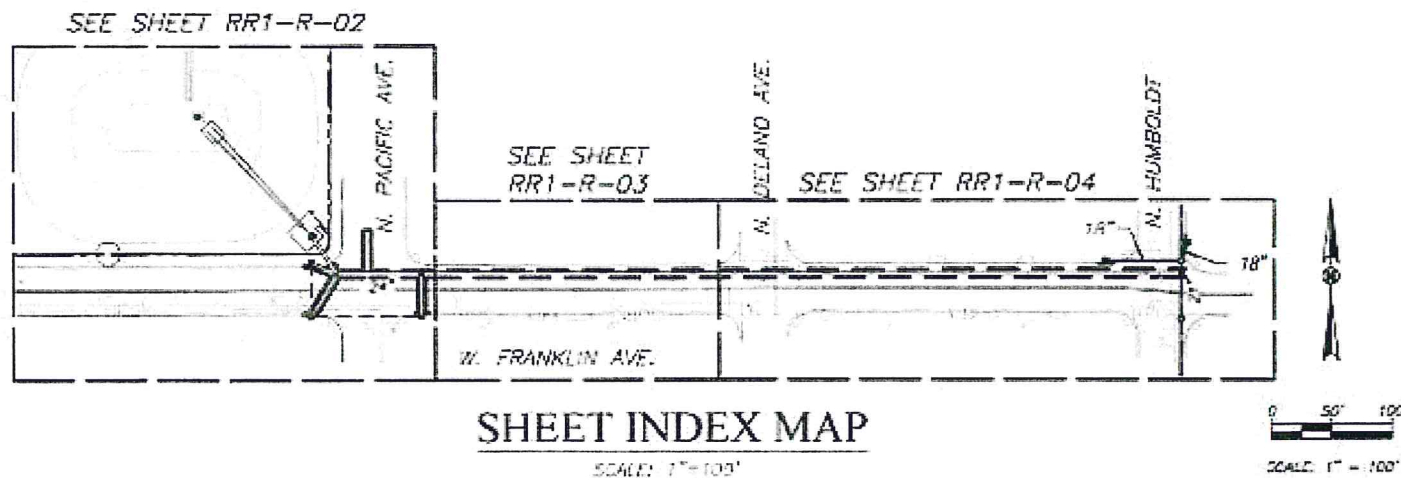
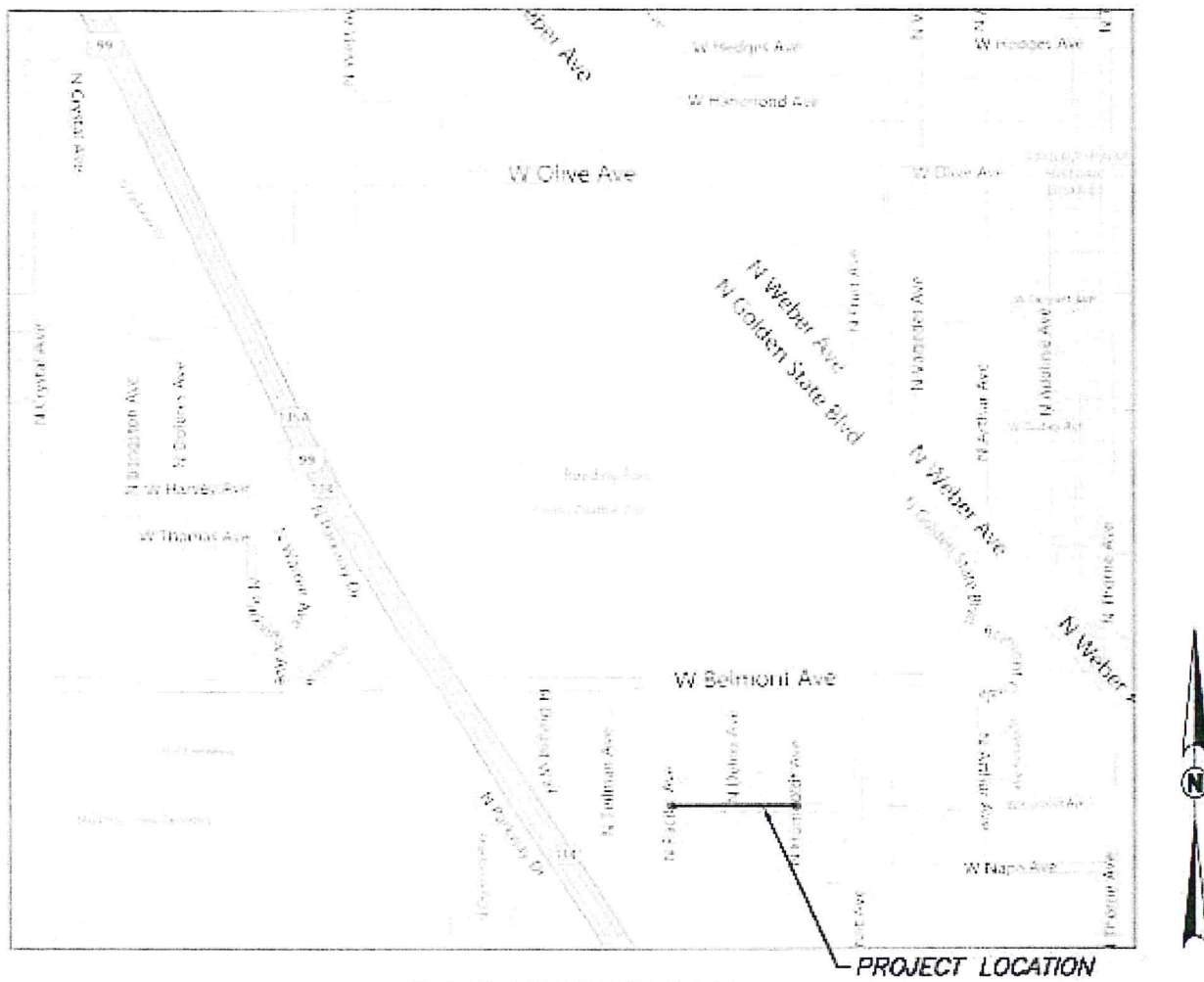
Sincerely,

Ronald L. Hicks
Vice President
Soltek Pacific Construction

Cc: Mike Elrod, CM, Soltek Pacific Construction
Brian Goldman, CFO, Fresno Chaffee Zoo Corporation

**Fresno's Chaffee Zoo Corporation
Belmont Basin Relief Project**

Belmont Basin Relief	Cost
Haydon Construction bid proposal form	\$ 411,471.00
PG&E, Permitting, & Inspection Cost Estimates	\$ 58,500.00
BSK testing and specialty inspections	\$ 20,741.34
Soltek Pacific Project Management Fees	\$ 19,500.00
Contingency (10%)	\$ 51,021.23
TOTAL	\$ 561,233.57



ROEDING PARK

Pacific
Delno
Humboldt
Belmont
Franklin
Project

002

RR

32

33

5

4

http://www.fresnofloodcontrol.org/mo-content/uploads/2014/10/Map-Master-Planned-Urban-Storm-Drainage-System_20141031.pdf

Agenda Item 7
Attachment F



DATE: August 30, 2017

TO: Fresno County Zoo Authority Board

FROM: Catherine Crosby
Board Coordinator

RE: 2017 Measure Z Capital Request – Animal Nutrition Center Design

RECOMMENDED ACTION:

Approve Fresno's Chaffee Zoo Corporation request for FY 2017 Measure Z Capital funds totaling \$888,955.56 for design of the Animal Nutrition Center.

DISCUSSION:

The Animal Nutrition Center (called a "Commissary" in attachments) is proposed as a two-story building with freight elevator and basement for bulk storage. It will include a large walk-in refrigerator and freezer, dry storage, a large kitchen, laundry capability, a work area, and facilities for staff. The second floor will have much-needed office space and a studio apartment for occasions when staff must be available overnight to attend an ill or injured animal, or a birth. In following with the education mission of the zoo, there will be a component allowing for behind-the-scenes tours for the general public and donors.

The FCZC Board of Directors and Finance Committee approved this request on June 21, 2017.

Proposals for services for the project are found in Attachments A-E. In October 2016, Paul Halajian Architects of Clovis prepared the Scope of Work and Fee Proposal (Attachment A) for Programming and Pre-Design Phase for both the Animal Nutrition Center and the Program Animal Holding Facility. For the Schematic Design Phase through Construction Administration, their February 1, 2017 proposal (Attachment B) lists local engineers and consultants with whom they expect to work and a more detailed description of the project, schedule and fees. BSK Associates, a local consulting engineering and analytical testing firm, has proposed to provide special inspection and materials testing services (Attachment C). Soltek Pacific of San Diego is prepared to

BOARD ACTION: DATE _____ APPROVED AS RECOMMENDED _____ OTHER _____

MOTION _____ SECOND _____ UNANIMOUS _____
BRAND _____ HERZOG _____ LYLES _____ ROMAN _____ STRATFORD _____ TOSTE _____ WATERHOUSE _____

provide project management services (Attachment D). Bernheim + Dean, sustainable building consultants of San Francisco, proposed a feasibility study for Zero Net Energy design of the building (Attachment E). A summary of the proposed budget is shown in Attachment F, and includes a 10 percent contingency, and estimated fees for Building Commissioning and a Storm Water Pollution Prevention Plan.

U. S. General Services Administration web page <https://gsa.gov/portal/category/21069>, Design Stage Overview, has the following brief description of the purpose and value of building commissioning, in addition to greater detail related to federal projects.

“Design Stage commissioning activities serve to ensure that the Owner’s Project Requirements for items such as energy efficiency, sustainability, indoor environmental quality, fire protection and life safety, etc. are sufficiently defined and adequately and accurately reflected in the contract documents.

The Design Stage is the Commissioning Team’s opportunity to assure that building systems and assemblies as designed will function according to user expectations. Further, specific tests and procedures designed to verify the performance of systems and assemblies are developed and incorporated into the contract documents.”

ATTACHMENTS:

- A. Paul Halajian Architects-Scope of Work and Fee Proposal (dated 10/18/16)
- B. Paul Halajian Architects-Scope of Work and Fee Proposal (dated 2/1/17)
- C. BSK Associates Proposal (dated 3/17/17)
- D. Soltek Pacific Project Management Proposal (dated 3/21/17)
- E. Bernheim + Dean, Inc. Feasibility Study Proposal (dated 2/28/17)
- F. Animal Nutrition Center Design Budget
- G. Paul Halajian Architects - Building Plans



PAUL HALAJIAN
ARCHITECTS

T: 559.297.7900
F: 559.297.7950

389 Clovis Ave., Ste. 200
Clovis, California 93612-1185

www.halajianarch.com

SCOPE OF WORK AND FEE PROPOSAL

DATE October 10, 2016 – Revised October 19, 2016

TO: Mr. Brian Goldman - CFO
Fresno's Chaffee Zoo
894 W. Belmont Avenue
Fresno, CA 93728

PROJECT: Fresno's Chaffee Zoo
Animal Holding Facility and Commissary
Programming and Pre-Design Phase

PHA PROJECT NO. 2016-18

CC: Mr. Scott Barton
Mr. Mike Elrod

Dear Scott:

Per your request, we have prepared the following Scope of Work and Fee Proposal for PAUL HALAJIAN ARCHITECTS (PHA) to provide Programming and Pre-Design Phase services for the above captioned projects.

We have visited the Zoo and have a general understanding of the requirements and the challenges presented by the respective building programs and selected sites. Our goal for this proposed Programming and Pre-Design Phase of work is to assist you and your staff in quantifying the physical requirements for each building. Once the programmatic requirements have been firmly established, we will then develop options that depict ways in which the buildings might be configured on the respective sites.

The following outline presents our proposed Scope of Work, Assumptions, Schedule, Deliverables and Fee for the project.

SCOPE OF WORK

Our understanding of the Scope of Work is as follows:

1. Meet with staff to collect programmatic data that outlines the requirements for each individual space, desired finishes, required features and necessary infrastructure for both the Animal Holding Facility and the Commissary.
2. Generate diagrams that depict potential relationships and adjacencies of the individual spaces required for both the Animal Holding Facility and the Commissary. Diagrams will address indoor as well as programmatic outdoor requirements.
3. Refine diagrams into Conceptual Design level Floor Plans for both the Animal Holding Facility and the Commissary.
4. Generate Conceptual Site Plans indicating the desired Conceptual Floor Plan configuration for both the Animal Holding Facility and the Commissary on the respective site locations identified that take into account existing utility infrastructure, adjacent structures, landscape material and other site constraints.

ASSUMPTIONS

- a. No work related to the identification of, abatement of, or proper handling of hazardous materials on site or in the building is included in the Scope of Work.



PAUL HALAJIAN
ARCHITECTS

- b. The scope of services rendered by PHA is limited to Programming and Conceptual Design as Indicated above. Engineering Services shall not be initiated in this Scope of Work but shall be provided in the Phase of work.
- c. Should work not Identified herein be requested by Fresno's Chaffee Zoo, PHA shall prepare an Additional Services Request for authorization prior to commencement of additional work.
- d. Presentation quality graphic material is not Included in the Scope of Work.

SCHEDULE

From the date of authorization, the following durations for each component of Work are anticipated subject to Zoo staff availability.

Programming	4 weeks – approx.
Diagramming and Conceptual Design	<u>4 weeks – approx.</u>
	8 weeks – approx.

DELIVERABLES

- I. Written Program document for the Animal Holding Facility
- II. Written Program document for the Commissary
- III. Adjacency Diagrams for the Animal Holding Facility
- IV. Adjacency Diagrams for the Commissary
- V. Conceptual Floor Plan for the Animal Holding Facility
- VI. Conceptual Floor Plan for the Commissary
- VII. Conceptual Site Plan for the Animal Holding Facility
- VIII. Conceptual Site Plan for the Commissary

FEE

Our fee for Services is a lump sum of \$17,640 Fee shall be billed monthly based on the percent of work complete. The Programming and Predesign Phase fee for the Animal Holding Facility is \$7,140 and for the Commissary is \$10,500. Please refer to the attached Fee Calculation Spreadsheet for a breakdown of the Fee as proposed.

Should this Scope of Work and Fee Proposal meet with your approval, please sign in the space provided below and return a copy to my attention. If you have any questions or wish to discuss this further, please feel free to contact me at your convenience. We are looking forward to launching this important project and working with Fresno's Chaffee Zoo.

S. B. [Signature]
Authorized by:

18 Oct 16
Date:

Sincerely:
PAUL HALAJIAN ARCHITECTS

[Signature]
Paul N. Halajian, AIA – LEED AP
Principal

Fee Calculation Spread Sheet

TOTAL ARCHITECTURAL SERVICES	120	\$ 17,640
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PAUL HALAJIAN
ARCHITECTS

SCOPE OF WORK AND FEE PROPOSAL

CLIENT: Fresno's Chaffee Zoo
894 W. Belmont Avenue
Fresno, CA 93728

ATTENTION: Mr. Scott Barton
Executive Director

PROJECT: **Commissary Building**
Schematic Design Phase through Construction Administration

DATE February 1, 2017

COPY: Mr. Mike Elrod, Soltek Pacific

PHA Job No. 2016-18

Dear Scott:

We have completed the Programming / Concept Design Phase of the Chaffee Zoo Commissary project and per your request, have prepared the following Scope of Work and Fee Proposal.

We have brought together a Design Team composed of the regions' most talented and experienced engineers and consultants, many of whom have designed projects for Fresno's Chaffee Zoo and as a result are familiar with the Zoo and its infrastructure. The following is a list of the members of the Design Team and their respective discipline:

• PAUL HALAJIAN ARCHITECTS	Architecture	Clovis, CA
• PARRISH HANSEN STRUCTURAL ENGINEERS	Structural Engineering	Clovis, CA
• MECHANICAL DESIGN CONCEPTS	Mechanical Engineering	Fresno, CA
• HARDIN DAVIDSON ENGINEERING	Electrical Engineering	Clovis, CA
• ALAN MOK ENGINEERING	Civil Engineering	Fresno, CA
• ROBERT BORO	Landscape Architecture	Fresno, CA

There are six remaining Phases of project development; 1.Schematic Design Phase, 2.Design Development Phase, 3.Construction Documents Phase, 4.Approval Phase, 5.Bidding Phase, and 6.Construction Administration Phase. What follows is an outline of the proposed Scope, Assumptions, Schedule and Fee for the project.

SCOPE

The following proposal outlines the total Scope of Work and Fee for all phases of project development based on the Concept Design and Program effort. It is understood that the Construction Delivery Method has not been determined and that both traditional Design/Bid/Build and Construction Management at Risk are being considered. The Commissary has been envisioned and programmed as follows:

Ground Floor

The Ground floor will house the Commissary and staff Break Area separated by an open breezeway. The Commissary will contain Kitchen, Washroom, Dish Wash Area, Live Prey Room, Receiving, Dry Storage, Freezer, Thaw Room, Cooler, Pantry, Storage, Staff Toilet, Laundry, an Office and other building core/support spaces. The Staff Break Area will consist of a large Break Room and Kitchen with food warming capabilities, Laundry, Changing areas, Locker Room, Showers and multiple accommodation Toilet Rooms.

Second Floor

The Second Floor will serve administrative function and include single occupant Offices, open Work Area, a small Reception Area, a Work Room and staff Toilets. Additionally, a studio Apartment with separate entrance will be provided.

T: 559.297.7900
F: 559.297.7950

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Clovis, California 93612-1185

www.halajianarch.com



**PAUL HALAJIAN
ARCHITECTS**

Basement

Bulk storage will be provided in a partial Basement served by stairs and freight elevator.

The following descriptions outline the Work to be performed in each respective Phase of Work.

1. SCHEMATIC DESIGN PHASE

During the Schematic Design Phase, the Design Team (Architect, Engineers and Consultants) will further refine the Program, Site Plan and Floor Plan. Additionally, Exterior Elevations, Building Sections and Roof Plans will be prepared. Outline Specifications will be drafted for all materials envisioned on the project and compiled into the Project Manual. The following outline presents a brief description of the work effort of each member of the team for this Phase.

Architecture

The Concept Design and Program will be further developed to ensure that all system requirements are properly documented and communicated to the overall Design Team. Schematic level Site Plan, Floor Plans, Building Sections, Exterior Elevations, and Roof Plan will be developed as well as outline specifications for all materials and systems. The Architect will coordinate the efforts of the Design Team and Zoo.

Structural Engineering

The structural system will be described by preparation of a Foundation Plan, and Framing Plans that identify major structural elements such the lateral restraint and framing systems to be used. Outline specifications will be prepared for all steel, concrete and other structural elements.

Mechanical Engineering

An appropriate HVAC system will be identified and documented. A Variable Air Volume system is being considered, however during this Phase analysis will be performed to verify the life cycle cost effectiveness of this assumption. Other systems may be found to be more cost effective, and if so they will be thoroughly evaluated. An outline specification will be prepared to describe the system. Main plumbing lines will be sized, fixtures identified and fire sprinkler main lines will located on Plumbing Plans.

Electrical Engineering

Electrical drawings for power, lighting fire alarm, and data (does not include active electronics) will be developed to indicate points of connection, power distribution, lighting and outlet layouts. A single-line diagram will be developed to show sizing of main switch gear, meters, and breakers. Input on standards will be solicited from the Zoo's facilities staff for compatibility.

Civil Engineering

Site Utility Plans, Site Grading and Drainage Plans will be developed to a preliminary level of detail. Points of connection will be established and existing grades that do not meet current ADA requirements will be identified for remediation.

Landscape Architecture

Meetings will be conducted with the Architect, Landscape Architect and the Zoo to program the outdoor spaces and discuss how the new building and related open spaces will relate to the overall Zoo landscape and Masterplan concept. Preliminary Landscape plans shall be prepared that document appropriate plant material, development of walkways, and other outdoor spaces.

2. DESIGN DEVELOPMENT PHASE

Based on the Zoo's approval of the Schematic Design Documents, and on the Zoo's authorization of any adjustments in the Project requirements and the budget for the Cost of the Work, the Design Team shall prepare Design Development Documents for the Zoo's approval. The Design Development Documents shall illustrate and describe the development of the approved Schematic Design Documents and shall consist of drawings and other documents including plans, sections, elevations, typical construction details, and diagrammatic layouts of building systems to fix and describe the size and character of the Project as to architectural, structural, mechanical and electrical systems, and such other elements as may be appropriate. The Design Development Documents shall also include outline specifications that identify major materials and systems and establish in general their quality levels. The following outline presents a brief description of the work product of each member of the team for this Phase.

Architecture

The Schematic Design will be further developed to ensure that all system requirements are properly documented and communicated to the overall Design Team. Site Plan, Floor Plans, Building Sections, Exterior



**PAUL HALAJIAN
ARCHITECTS**

Elevations, and Roof Plan will be developed further and Interior Elevations, Door, Window and Finish Schedules and Details will be developed to describe the overall design of the building. Specifications will be prepared in three part CSI format.

Structural Engineering

The Foundation Plan and Framing Plans will indicate sizes of structural members. Other drawings and details will be prepared to establish the overall structural system. Calculations will be prepared and lateral analysis will be performed to establish the load path. Coordination for support of non-primary load elements will occur. Specifications will be prepared in three part CSI format.

Mechanical Engineering

Assuming that a Variable Air Volume system will be used, the Mechanical Engineer will further develop the plumbing and mechanical plans to include sizing and location of roof mounted equipment, location of VVH boxes, identification of heating and cooling zones, and rough layouts of duct routs, hydronic pipe routes, sizing and location of fire sprinkler mains. Energy modelling will be performed and the results will be used to design a highly efficient and cost effective thermal envelop. Specifications will be prepared in three part CSI format.

Electrical Engineering

Electrical drawings will be developed further to indicate incorporation of specialty systems such as freezer and refrigerator, lighting loads, size and location of transformers and sub-panels, and provision for future solar array. Lighting fixtures, emergency egress, site lighting, will be selected and specified for pricing. Specifications will be prepared in three part CSI format.

Civil Engineering

Civil drawings will be updated and coordinated with other disciplines. Cut and fill calculations will be performed and grading and drainage plans will be drafted.

Landscape Architecture

Schematic level documents will be developed further to accommodate any design changes that might impact the landscape design. Specifications will be prepared in three part CSI format.

3. CONSTRUCTION DOCUMENTS PHASE

Based on the Zoo's approval of the Design Development Documents, and on the Zoo's authorization of any adjustments in the Project requirements and the budget for the Cost of the Work, the Design Team shall prepare Construction Documents for the Zoo's approval. The Construction Documents shall illustrate and describe the further development of the approved Design Development Documents and shall consist of Drawings and Specifications setting forth in detail the quality levels of materials and systems and other requirements for the construction of the Work. The following outline presents a brief description of the work product of each member of the team for this Phase.

Architecture

The final Construction Documents will include Site Plans, Floor Plans, Building Sections, Wall Sections, Exterior Elevations, Details, Schedules, and Interior Elevations. PHA will provide overall review and coordination of the project as a whole so that the work of each respective discipline is properly integrated with the work of other related disciplines. Final Specifications will be prepared in three part CSI format and include General Conditions and Supplementary Conditions.

Structural Engineering

The Structural Engineer will furnish final calculations and computer modelling that will serve as the basis for the Foundation Plan, Framing Plans, Sections and Details in compliance with the 2016 California Building Code. Additionally, they will provide engineering services necessary for proper support and attachment of complementary components of the facility including architectural features, mechanical and electrical components. Final Specifications will be prepared in three part CSI format.

Mechanical Engineering

The Mechanical Engineer will prepare final HVAC plans that depict all duct routing, duct sizing, air volume requirements, register locations, identification of all mechanical equipment locations and Title-24 Calculations. Plumbing plans will show all pipe sizing and routing, plumbing fixture locations and points of connection. Final Specifications will be prepared in three part CSI format. Code required Commissioning is included in the Scope of Work.



**PAUL HALAJIAN
ARCHITECTS**

Electrical Engineering

Final electrical drawings will include Site Electrical Plans, Power Plans, and Lighting Plans, Data Plans (does not include active electronics), Single Line Diagrams and Title-24 calculations for lighting. Provision will be made for future photovoltaic panels. Final Specifications will be prepared in three part CSI format.

Civil Engineering

Civil Engineering plans will address site demolition, layout of concrete paving, and walks, seat and planter walls, curbs and gutters, mow strips, parking lot modifications, fencing, concrete block walls, parking lot signage, site grading and drainage, site utilities to within 5 feet of the building including: gas, sewer, domestic water, fire water systems.

4. APPROVALS PHASE

The plans will be submitted to City of Fresno for plan check. A list of plan check comments will be issued and the various members of the Design Team will revise their plans and specifications accordingly. An appointment will be scheduled to review all corrections with the plan reviewer. When all correction items have been addressed to the satisfaction of the plan reviewer, permits can be issued and construction may begin.

5. BIDDING AND NEGOTIATION PHASE

Assuming traditional Design/Bid/Build, PHA shall assist the Zoo with issuance of the Construction Documents for competitive bidding to a select list of Bidders. The Design Team will assist in this Phase by addressing questions from bidders, evaluation of substitution requests, and preparation of addenda that may involve revision of plans and/or specifications.

6. CONSTRUCTION ADMINISTRATION PHASE

Members of the Design Team shall participate in a weekly on-site Team Meeting to include a representative of the Zoo, and the Contractor. The purpose of these meetings is to discuss ongoing construction operations, project related issues, schedule, status of submittals, and responses to contractor initiated Requests for Information (RFI's), potential changes, unforeseen conditions, and contractor's progress payments. Commissioning is included in the Scope of Work and at appropriate intervals the Mechanical Engineer will conduct Commissioning activities and provide necessary documentation. As the project nears completion, the architect will review the completed work and issue a Punch List outlining all corrective work required prior to issuance of a Notice of Completion and release of final payment.

ASSUMPTIONS

- The following services are excluded from the Scope of Work: LEED or sustainable strategies including Zero Net Energy design, paging systems, emergency communications systems, assessment of ground borne vibration, construction noise analysis, noise ordinance analysis, additional acoustic testing, environmental studies and investigations, preparation of a Storm Water Pollution Prevention Plan, design assistance related to relocation of franchise utilities, construction staking, design of off-site facilities required by Masterplan improvements
- Geotechnical Report and site surveying of topographical conditions or site boundaries are not included in the Scope of Work and are to be provided to the Design Team by the Zoo.
- Fire Sprinkler System design will be provided by performance specification and is assumed to be permitted as a design/build deferred approval item.
- Tasks or consulting services not indicated herein are not included in the Scope of Work but can be added upon request. Additional work shall commence upon formal execution of a PHA issued Additional Service Proposal.
- No work related to the identification of, abatement of, or proper handling of hazardous materials is included in the Scope of Work. The Zoo shall retain appropriate licensed professionals to evaluate whether or not hazardous materials are present and advise the Zoo on removal/handling procedures.
- Cost Estimating is not included in the Scope of Work. Should CM@R be identified as the Construction Delivery Method, it is assumed that the CM@R shall provide Cost Estimating Services. Should traditional Design/Bid/Build be identified as the Construction Delivery Method, PHA shall retain a Cost Estimator and provide those services as an Additional Service upon formal authorization to do so.
- Reimbursable expenses are not included in the fee. Expenses will be billed with no added mark-up. Expenses include printing and plotting costs, field trip travel costs to visit other facilities outside of the greater Fresno Area.



PAUL HALAJIAN
ARCHITECTS

- Up to (3) renderings shall be provided at no additional cost. Animation is not included but can be provided as an Additional Service. Physical models are not included in this Scope of Work but can be provided as an Additional Service.
- It is assumed that the Scope of Work as outlined herein shall be executed for Commissary and Animal Holding Building concurrently but treated as separate projects for contractual / billing purposes. See separate Scope of Work and Fee Proposal for the Animal Holding Building.

SCHEDULE

The following is an estimate of the duration of each Phase of Work as outlined above:

1. Schematic Design Phase	2 months
2. Design Development Phase	2 months
3. Construction Documents Phase	4 Months
4. Approvals Phase	2 Months (estimate)
5. Bidding Phase	2 Months
6. Construction Administration Phase	<u>12 Months</u> (estimate)

FEE

The Total Fee for the Scope of Work as outlined above is based on the following assumptions:

Building Area per Concept Design	24,130 sf
Probable Construction Budget (site and building)	\$310.80 /sf (approx)
Total Construction Budget	\$7,500,000 (approx)
Fee as a percent of Probable Construction Budget	8.0%

The Total Fee for Design Services as outlined above is a **Lump Sum of \$600,000**. Work shall be billed monthly based on the percent of work completed during the billing period. The Fee for the Scope of Work by Phase as outlined above is broken down as follows:

1. Schematic Design Phase	\$94,270
2. Design Development Phase	\$60,230
3. Construction Documents Phase	\$256,000
4. Approvals Phase	\$29,800
5. Bidding Phase	\$11,900
6. Construction Administration Phase	\$147,800

Should this Scope of Work and Fee Proposal meet with your approval, please sign in the space provided below and return a copy. Should you have any questions, please feel free to contact me at your convenience. We look forward to continuing our work on this important project that will improve the infrastructure of Fresno's Chaffee Zoo as you continue the remarkable ongoing transformation of one of Fresno's most important civic amenities.

Sincerely:
PAUL HALAJIAN ARCHITECTS

Paul N. Halajian, AIA – LEED AP
Principal

Authorized by:

Date:



550 West Locust Avenue
Fresno CA 93650
P 559.497.2880
F 559.497.2886
www.bskassociates.com

Sent via email: melrod@soltekpacific.com

March 17, 2017

BSK Proposal CF17-15017

Fresno Chaffee Zoo
c/o Mr. Mike Elrod
Soltek Pacific Construction
1080 Holland Avenue
Clovis, California 93612

**SUBJECT: Proposal for Special Inspection and Materials Testing
 Fresno Chaffee Zoo Commissary
 894 W. Belmont Avenue
 Fresno, California 93728**

Dear Mr. Goldman:

We are pleased to submit this proposal to provide Special Inspection and Materials Testing for the Fresno Chaffee Zoo Commissary project in Fresno, California. **This is a rough estimate based only on architectural drawings and verbal information provided by Soltek Pacific Construction. A more detailed and accurate proposal may be provided once structural plans and specifications are provided to us.**

SCOPE OF SERVICES

Our scope of services for this project includes:

- soils observations and compaction testing
- reinforced concrete inspections
- concrete sampling and testing
- post installed anchor inspections
- proof load testing
- shop and field welding inspections
- high strength bolting inspections and testing
- masonry inspections

We understand that Fresno Chaffee Zoo will be constructing two new commissary buildings.

FEES

We will charge our services on a **time and materials basis** in accordance with the hourly rates listed in the Cost Estimate below. The hours listed in our Cost Estimate are only estimates, as we cannot account for delays of which we have no control, such as, but not limited to: retest and reinspections, contractor's schedule, contractor's means and methods, or number of workers on contractor's crew. We will separate retests, reinspections, standby, cancellations, and extra work on the monthly invoices as these will increase the total billing beyond what we estimated. We understand that this project will be subject to prevailing wage requirements. Travel time and mileage will be billed on a "portal-to-portal" basis from BSK-Fresno, with an on-site minimum of 2-hours, and 1-hour increments thereafter. Invoices will be submitted on monthly intervals based on the work completed during the invoice period. Any testing requested beyond that noted on the Cost Estimate will be charged in accordance with the 2016 BSK Fee Schedule rates. To accommodate construction schedules, BSK may subcontract special inspectors. Inspections performed by subcontract providers will be billed as specified for BSK employees, herein, and at the rates included in the Cost Estimate. BSK has a \$1,000 project minimum. If the total charges incurred for a project is less than \$1,000, the total billing will be \$1,000.



Cost Estimate

FIELD SERVICES	DAYS	HRS/DAY	HOURS	RATE	EXTENSION
Earthwork Construction					
Engineering Technician for Soils Observations	22	8	176	\$93.00	\$16,368.00
Compaction Testing Technician	17	4	68	\$93.00	\$6,324.00
Concrete Construction					
Reinforcing Steel Placement Inspection	12	4	48	\$93.00	\$4,464.00
Concrete Placement Observation & Sampling	12	8	96	\$93.00	\$8,928.00
Sample Pickup and Delivery	12	2	24	\$93.00	\$2,232.00
Masonry Construction					
CMU Block, Reinforcing Steel Placement Inspection	15	8	120	\$93.00	\$11,160.00
Grout Placement	5	4	20	\$93.00	\$1,860.00
Sample Pickup and Delivery	5	2	10	\$93.00	\$930.00
High Strength Bolting					
Procedure and Skidmore Verification	3	2	6	\$93.00	\$558.00
Bolting Observation and Inspection	8	6	48	\$93.00	\$4,464.00
Post Installed Anchors					
Post Installed Ancor Placement Observation	6	4	24	\$93.00	\$2,232.00
Proof Load Testing	6	4	24	\$93.00	\$2,232.00
Welding Observations					
Shop Welding	22	8	176	\$93.00	\$16,368.00
Shop Welding	17	4	68	\$93.00	\$6,324.00
Field Welding	22	4	88	\$93.00	\$8,184.00
	TRIPS	HRS/TRIP	HOURS	RATE	EXTENSION
Mobilization / Travel	184	1	184	\$93.00	\$17,112.00
	TRIPS	MI/TRIP	MILES	RATE	EXTENSION
Mileage	184	21	3864	\$0.88	\$3,400.32
FIELD SERVICES ESTIMATE					\$113,140.32

LABORATORY TESTING	FREQUENCY	SETS/UNITS	RATE	EXTENSION
Concrete Compressive Strength Test (Set of 4)	1 Set / 100 CY	16	\$120.00	\$1,920.00
CMU Block Compression, SG, and Abs	1 Set / Type	1	\$90.00	\$90.00
Grout Compressive Strength Tests (Set of 3)	1 set / day	3	\$105.00	\$315.00
Mortar Compressive Strength Tests (Set of 3)	1 set / day	6	\$100.00	\$600.00
Compaction Curves - Base Rock (6" Mold)	1 per material	1	\$225.00	\$225.00
Compaction Curves - Site Soils (4" Mold)	1 per material	4	\$210.00	\$840.00
LABORATORY TESTING ESTIMATE				\$3,990.00

PROJECT MANAGEMENT & ADMINISTRATION	HOURS	RATE	EXTENSION
Registered Engineer (Review, support and reporting)	8	\$175.00	\$1,400.00
Project Manager (Field Oversight, Daily Report Review)	30	\$155.00	\$4,650.00
Administration (Data Processing, Report Prep., Field Coordination)		7%	\$7,961.10
ADMINISTRATION ESTIMATE			\$14,011.10
TOTAL BUDGET ESTIMATE			\$131,141.42

We based our Cost Estimate on the following assumptions:

- All field work will occur during normal business hours Monday through Friday;
- 8-hour work days (including travel time);
- Overtime will be charged at 1.5 times the hourly rate (for working 8 to 12 hours in one day);
- Shops and batch plants (if any) are local to Bakersfield, Fresno, or the Jobsite;
- Welding inspections are at a single shop for a single shift;



- Safe and adequate access to perform testing and inspections is to be provided by the shop, contractor, or client

It is our practice to notify you if it appears that our fees will exceed this estimation; although, due to the timing and nature of our services, this may not always be possible. BSK will make every effort to respond to the needs of your project. However, to provide better service, we ask that you schedule inspection and testing services at least 48 hours in advance. To avoid show-up charges, please cancel requests for service at least two working hours in advance of our arrival time.

GENERAL CONDITIONS AND LIMITATIONS

We have included a copy of the Agreement for Construction Materials Testing Services with this proposal and our General Conditions for Construction Materials Engineering and Testing Services.

We provide material testing and inspection services to help verify that the work is in conformance with the project documents. These services shall not be construed as acceptance of the work or relieve the contractor in any way from its obligations and responsibilities as outlined in the applicable construction documents. We assume no responsibility for the safety of others on the jobsite or the means and methods of construction.

We will perform our services consistent with that level of care and skill ordinarily exercised by other consultants practicing in the same discipline and locale at the time the services are performed. No other warranties, either express or implied are provided. If changes occur in the design of the project, please notify us in writing.




AUTHORIZATION

If our proposal and general conditions are acceptable, please sign our agreement and return to us. We will countersign the agreement and return a copy to you.

We appreciate the opportunity to work with you on this project. If you have any questions, or require additional information or services, please contact the undersigned at (559) 497-2868.

Sincerely,
BSK Associates


Andy L. Neufeld
Project Manager
Construction Services Group

On Man Lau
South Valley Regional Manager
GE 2644

AN/MC/cc



Enclosures: Agreement for Construction and Materials Testing Services
General Conditions for Construction and Materials Testing Services



AGREEMENT FOR CONSTRUCTION MATERIALS ENGINEERING AND TESTING SERVICES

THIS AGREEMENT, effective as of this _____ day of _____ 2017, is by and between Fresno Chaffee Zoo ("Client") and BSK Associates ("Consultant").

THE PROJECT is generally described as Fresno Chaffee Zoo Commissary at 894 W. Belmont Avenue, Fresno, California 93728.

THIS AGREEMENT consists of the following documents which are incorporated herein by reference:

- General Conditions for Construction and Materials Testing Services;
- Consultant's Scope of Services presented in BSK's proposal CF17-15017, dated March 17, 2017.

Consultant agrees to perform the Services set forth in this Agreement and in accordance with its terms, including all attachments incorporated herein by reference. This Agreement may not be modified or altered, except in writing as specifically described in this Agreement.

	Client	Consultant
Signature:	_____	_____
Print Name:	_____	Michael Collins
Title:	_____	Construction Services Group Manager
Company:	Fresno Chaffee Zoo	BSK Associates
Address:	894 W. Belmont Avenue	550 West Locust Avenue
	Fresno, California 93728	Fresno, California 93650
Date:	_____	_____



GENERAL CONDITIONS FOR CONSTRUCTION MATERIALS ENGINEERING & TESTING SERVICES

1. DEFINITIONS

1.1 Contractor. The contractor or contractors, and including its/their subcontractors of every tier, retained to perform construction Work on the Project for which Company is providing Services under this Agreement.

1.2 Day(s). Calendar day(s) unless otherwise stated.

1.3 Hazardous Materials. Any toxic substances, chemicals, radioactivity, pollutants or other materials, in whatever form or state, known or suspected to impair the environment in any way whatsoever. Hazardous Materials include, but are not limited to, those substances defined, designated or listed in any federal, state or local law, regulation or ordinance concerning hazardous wastes, toxic substances or pollution.

1.4 Inspection (or Observation). Visual determination of conformance with specific or, on the basis of Company's professional judgment, general requirements.

1.5 Services. The professional services provided by Company under this Agreement, including all services described in the SCOPE OF SERVICES included in Exhibit A, and any written Task Order or amendment to this Agreement.

1.6 Testing. Measurement, examination, performance of tests, and any other activities to determine the characteristics or performance of materials.

1.7 Work. The labor, materials, equipment and services of Contractor.

2. SCOPE OF SERVICES

2.1 Services Provided; Independent Contractor. Company will provide construction materials engineering and testing services as set forth in the SCOPE OF SERVICES in Exhibit A. Company will perform its Services under this Agreement as an independent contractor.

2.2 Authority of Company. Company will report observations and data to the Client. Company will report any observed work to the Client or Client's representative, which, in Company's opinion, does not conform with plans, specifications, and codes applicable to the Project. Company has no right or responsibility to approve, accept, reject, or stop work of any agent of the Client.

2.3 Referenced Standards. Company will perform all standard tests, inspections and observations in general accordance with referenced standards and makes no representation regarding compliance with any other standards.

2.4 Variation of Material Characteristics and Conditions. Observations and standardized sampling, inspection and testing procedures employed by Company will indicate conditions of materials and construction activities only at the precise location and time where and when Services were performed.

Client recognizes that conditions of materials and construction activities at other locations may vary from those measured or observed, and that conditions at one location and time do not necessarily indicate the conditions of apparently identical material(s) at other locations and times. Services of Company, even if performed on a continuous basis, should not be interpreted to mean that Company is observing, verifying, testing or inspecting all materials on the Project. Company is responsible only for those data, interpretations, and recommendations regarding the actual materials and construction activities observed, sampled, inspected or tested, and is not responsible for other parties' interpretations or use of the information developed. Company may make certain inferences based upon the information derived from these procedures to formulate professional opinions regarding conditions in other areas.

2.5 Changes in Scope. Client may request changes in the SCOPE OF SERVICES in Exhibit A. Such changes, including any change in Company's compensation or time of performance, which are mutually agreed upon by Company and Client, will be incorporated in written amendments to this Agreement. No change will be effective unless it is in writing and signed by Client and Company, or if made orally, confirmed by the parties in writing within 10 days.

2.6 Excluded Services. Company's Services under this Agreement include only those Services specified in the SCOPE OF SERVICES in Exhibit A. Client expressly releases any claim against Company relating to any additional Services that Company recommended, but that Client either did not authorize or instructed Company not to perform.

3. PAYMENTS TO COMPANY

3.1 Basic Services. Company will perform all Services set forth in the SCOPE OF SERVICES AND SCHEDULE OF CHARGES for the amount(s) set forth therein. Company will give Client at least 30 days advance notice of any changes to its standard rates. Unless Client objects in writing to the amended fee structure within 30 days of notification, it will be incorporated into this Agreement and will supersede any prior fee structure.

3.2 Additional Services. Any Services performed under this Agreement, except those Services expressly identified otherwise in the attached SCOPE OF SERVICES in Exhibit A, will be provided on a time and materials basis unless otherwise specifically agreed to in writing by both parties.

3.3 Estimate of Fees. Company will, to the best of its ability, perform the Services and accomplish the objectives defined in this Agreement within any written cost estimate provided by Company. Client recognizes that unforeseen circumstances along with changes in scope and schedule can influence the successful completion of Services within the estimated cost. The use of an estimate of fees or of a "not to

exceed" limitation indicates that Company will not incur fees and expenses in excess of the estimate or limitation amount without obtaining Client's agreement to do so, but is not a guarantee that the Services will be completed for that amount.

3.4 Rates. Client will pay Company at the rates set forth in the SCHEDULE OF CHARGES in Exhibit A, which is subject to periodic review and amendment, as appropriate to reflect Company's then-current fee structure.

3.5 Prevailing Wages. Unless Client specifically informs Company in writing that prevailing wage regulations cover the Project and the SCOPE OF SERVICES in Exhibit A identifies it as covered by such regulations, Client hereby releases and agrees to reimburse Company for any liability and costs it may incur resulting from a subsequent determination that prevailing wage regulations cover the Project, including all costs, fines and attorney's fees.

3.6 Payment Timing; Late Charge. Company will submit invoices to Client periodically, but no more frequently than every two (2) weeks. All invoices are due and payable upon presentation, and any amounts unpaid 30 days after the invoice date will include a late payment charge from the date of the invoice, at 1-1/2% per month or the maximum legal rate, whichever is lower. The failure by Client to pay Company within thirty (30) days of date of invoice will constitute a substantial failure of Client to perform under this Agreement. Client will reimburse Company for all time spent and expenses (including fees of any attorney, collection agency, and/or court costs) incurred in connection with collecting any delinquent amount.

3.7 Payment Disputes. If Client objects to any portion of an invoice, Client must so notify Company in writing within 10 days of the invoice date, identify the cause of disagreement, and pay when due the portion of the invoice not in dispute. The parties will immediately make every effort to resolve the disputed portion of the invoice. Payment thereafter will first be applied to accrued interest and then to the unpaid principal amount.

4. PERFORMANCE STANDARD

4.1 Professional Standards. Company will perform the Services consistent with that level of care and skill ordinarily exercised by other professionals providing similar services in the same locale and under similar circumstances at the time the Services are performed. No other representation, express or implied, and no warranty or guarantee is included or intended by this Agreement or any report, opinion, document, or other instrument of service.

4.2 Sampling, Inspection & Test Locations. Unless specifically stated otherwise, the SCOPE OF SERVICES in Exhibit A does not include surveying the Site or precisely identifying sampling, inspection or test locations, depths or elevations. Sampling, inspection and test locations, depths and elevations will be based on field estimates and information furnished by Client and its representatives. Unless stated otherwise in the report, such locations, depths and elevations are approximate. Company will take reasonable precautions to limit damage to the Project Site or Work due to the performance of Services, but Client understands that some damage may necessarily occur in the normal course of

Services, and this Agreement does not include repair of such damage unless specifically stated in the SCOPE OF SERVICES in Exhibit A.

4.3 Sample Disposal. Company will dispose of all samples after submission of the report covering those samples. Company will provide further storage or transfer of samples only upon Client's prior written request and agreement on appropriate compensation.

4.4 Buried Utilities & Structures; Property Restoration. If the Services require borings, test pits or other invasive exploratory work, Client will provide Company with all information in its possession regarding the location of underground utilities and structures. Company will contact an appropriate utility locator and take into consideration utility locations shown on drawings provided to Company by the Client to reduce the risk of damage or injury to underground structures, pipelines and utilities. The Client agrees to hold Company harmless for any damage to underground structures or utilities that are not called to its attention or are not correctly shown on plans or drawings furnished for the purpose of locating such structures and utilities. If Client desires Company to restore the property to its former condition or better, Company will provide the additional Services at an additional cost.

5. CONTRACTOR'S PERFORMANCE

Company is not responsible for Contractor's means, methods, techniques or sequences during the performance of its Work. Company will not supervise or direct Contractor's Work, nor be liable for any failure of Contractor to complete its Work in accordance with the Project's plans, specifications and applicable codes, laws and regulations. Client understands and agrees that Contractor, not Company, has sole responsibility for the safety of persons and property at the Project Site.

6. CLIENT'S RESPONSIBILITIES

In addition to payment for the Services performed under this Agreement, Client agrees to:

6.1 Access. Grant or obtain free access to the Project Site for all equipment and personnel necessary for Company to perform its Services under this Agreement.

6.2 Representative. Designate a representative for notices and information pertaining to the Services, communicate Client's policies and decisions, and assist as necessary in matters pertaining to the Project and this Agreement. Client may change its representative by written notice.

6.3 Information. Supply to Company all information and documents relevant to the Services. Company may rely upon such information without independently verifying its accuracy. Client will notify Company of any known potential or possible health or safety hazard regarding the materials to be tested, including its intended use, chemical composition, relevant MSDS, manufacturers' specifications and literature, and any previous test results.

6.4 Project Information. Client agrees to provide Company within 7 days after written request, a correct statement of the recorded legal title to the property on which

the Project is located and the Client and/or Owner's interest therein.

7. CHANGED CONDITIONS

If Company discovers conditions or circumstances that it did not contemplate ("Changed Conditions") at the time of this Agreement, it will give Client written notice of the Changed Conditions. Client and Company will then negotiate an appropriate amendment to this Agreement. If they cannot agree upon an amendment within 30 days after the notice, Company may terminate this Agreement and be compensated as set forth in Section 12, "Suspension & Delay; Termination."

8. CERTIFICATIONS

Client will not require Company to execute any certification regarding Services performed or Work tested or observed unless: 1) Company believes that it has performed sufficient Services to provide a sufficient basis to issue the certification; 2) Company believes that the Services performed and Work tested or observed meet the criteria of the certification; and 3) Company has reviewed and approved in writing the exact form of such certification prior to execution of this Agreement. Any certification by Company is limited to the expression of a professional opinion based upon the Services performed by Company, and does not constitute a warranty or guarantee, either express or implied. Client agrees not to condition the resolution of any dispute upon Company signing a certification.

9. ALLOCATION OF RISK

9.1 Limitation of Remedy. The total cumulative liability of Company, its subconsultants and subcontractors, and all of their respective shareholders, directors, officers, employees and agents (collectively "Company Entities") to Client arising from Services under this Agreement, including attorney's fees due under this Agreement, will not exceed the gross compensation received by Company under this Agreement or \$50,000, whichever is less. This limitation applies to all lawsuits, claims or actions that allege errors or omissions in Company's Services, whether alleged to arise in tort, contract, warranty, or other legal theory. Upon Client's written request, Company and Client may agree to increase the limitation to a greater amount in exchange for a negotiated increase in Company's fee, provided that the parties amend this Agreement in writing, as provided in Section 14.3 "Modification of This Agreement."

9.2 Indemnification of Client. Subject to the terms and limitations of this Agreement, Company will indemnify and hold harmless Client, its shareholders, officers, directors, employees, and agents from and against any and all claims, suits, liabilities, damages, expenses (including without limitation reasonable attorney's fees and defense costs) and other losses (collectively "Losses") to the extent caused by Company's negligence in performance of this Agreement. Company's defense obligation under this indemnity paragraph is limited to the reimbursement of reasonable defense costs to the extent of the Company's actual indemnity obligation hereunder.

9.3 Indemnification of Company. Client will indemnify and hold harmless Company Entities from and against any and all Losses except to the extent caused by the sole negligence of Company Entities. In addition, except to the extent caused by Company's negligence, Client will defend, indemnify and hold harmless Company Entities from and against any and all Losses arising from or related to the existence, disposal, release, discharge, treatment or transportation of Hazardous Materials, or the exposure of any person to Hazardous Materials, or the degradation of the environment due to the presence, discharge, disposal, release of or exposure to Hazardous Materials.

9.4 No Personal Liability. Client and Company intend that Company's Services will not subject Company's individual employees, officers or directors to any personal liability. Therefore, and notwithstanding any other provision of this Agreement, Client agrees as its sole and exclusive remedy to direct or assert any claim, demand or suit only against the business entity identified as "Company" on the first page of this Agreement.

9.5 Consequential Damages. Neither Client nor Company will be liable to the other for any special, consequential, incidental or penal losses or damages including but not limited to losses, damages or claims related to the unavailability of property or facilities, shutdowns or service interruptions, loss of use, profits, revenue, or inventory, or for use charges, cost of capital, or claims of the other party and/or its customers.

9.6 Continuing Agreement. The provisions of this Section 9, "Allocation of Risk," will survive the expiration or termination of this Agreement. If Company provides Services to Client that the parties do not confirm through execution of an amendment to this Agreement, the provisions of this Section 9 will apply to such Services as if the parties had executed an amendment.

10. INSURANCE

10.1 Company's Insurance. If reasonably available, Company will maintain the following coverages:

10.1.1 Statutory Workers' Compensation/Employer's Liability Insurance;

10.1.2 Commercial General Liability Insurance with a combined single limit of \$1,000,000;

10.1.3 Automobile Liability Insurance, including liability for all owned, hired and non-owned vehicles with minimum limits of \$1,000,000 for bodily injury per person, \$1,000,000 property damage, and \$1,000,000 combined single limit per occurrence; and,

10.1.4 Professional Liability Insurance in amounts of at least \$1,000,000 per claim and annual aggregate.

10.2 Client's Insurance. As appropriate, Client will obtain Builder's Risk or other property insurance to protect it from injury or damage to the Project, and which waives all rights of subrogation against Company. Proceeds from such insurance will be held by Client as trustee and will be payable to Company as its interests appear.

10.3 Certificates of Insurance. Upon request, Company and Client will each provide the other with certificate(s) of insurance evidencing the existence of the policies required herein. Except for Professional Liability and Workers' Compensation Insurance, all policies required under this Agreement shall contain a waiver of subrogation.

11. OWNERSHIP AND USE OF DOCUMENTS

11.1 Company Documents. Unless otherwise agreed in writing, all documents and information prepared by Company including, but not limited to, reports, boring logs, maps, field data, field notes, drawings and specifications, test data and other similar instruments of service (collectively "Documents") are the property of Company. Company has the right, in its sole discretion, to dispose of or retain the Documents.

11.2 Client Documents. All documents provided by Client will remain the property of Client. Company will return all such documents to Client upon request, but may retain copies for its files.

11.3 Use of Documents. Except as otherwise agreed to by Client and Company, all Documents prepared by Company are solely for use by Client and will not be provided by either party to any other person or entity without Company's prior written consent.

11.3.1 Use by Client. Client has the right to reuse the Documents for purposes reasonably connected with this Project for which the Services are provided, including without limitation design and licensing requirements of the Project.

11.3.2 Use by Company. Company retains the right of ownership with respect to any patentable concepts or copyrightable materials arising from Services and the right to use the Documents for any purpose.

11.4 Electronic Media. Company may agree at Client's request to provide Documents and information in an electronic format as a courtesy. However, the paper original issued by Company will remain the final product of the Services. Company makes no warranties, either express or implied, regarding the fitness or suitability of any electronic Documents or media.

11.5 Unauthorized Use. No party other than Client may rely on the Documents without Company's prior written consent and receipt of additional compensation. Client waives any and all claims against Company resulting from the unauthorized use or alteration of Documents by Client or any party obtaining them through Client. Client will defend, indemnify and hold harmless Company from and against any claim, action or proceeding brought by any party claiming to rely upon information or opinions contained in Documents without having obtained Company's prior written consent.

12. SUSPENSION & DELAY; TERMINATION

12.1 Suspension & Delay. Client may, upon 10 days written notice at any time, suspend Company's Services. Company may terminate this Agreement if Client suspends the Services for more than 60 days, in which case Client will pay Company as provided in Section 12.4. If Client suspends the Services, or

if Client or others delay Company's Services, Client and Company agree to equitably adjust the time for completion of the Services and Company's compensation for the additional labor, equipment, and other charges associated with maintaining its workforce for Client's benefit during the delay or suspension, and any charges incurred by Company for demobilization and subsequent remobilization.

12.2 Termination for Convenience. Company and Client may terminate this Agreement for convenience upon 10-days written notice delivered or mailed to the other party.

12.3 Termination for Cause. In the event of material breach of this Agreement, the non-breaching party may terminate this Agreement if the breaching party fails to cure the breach within 10 days following delivery of the non-breaching party's written notice of the breach to the breaching party. The termination notice must state the basis for the termination. The Agreement may not be terminated for cause if the breaching party cures the breach within the 10-day period.

12.4 Payment on Termination. Following termination other than for Company's breach of this Agreement, Client will pay Company for the Services performed prior to the termination notice date, and for any necessary Services and expenses incurred in connection with the termination of the Project, including but not limited to, the costs of completing analysis, records and reports necessary to document job status at the time of termination and costs associated with termination of subcontractor contracts in accordance with Company's then-current SCHEDULE OF CHARGES in Exhibit A.

12.5 Force Majeure. In the event that Company is prevented from completing performance of its obligations under this Agreement by adverse weather or other occurrence beyond the control of Company, then Company will be excused from any further performance of its obligations and undertakings. In the event of a force majeure delay that does not result in termination of the Agreement, the schedules will be equitably adjusted.

13. DISPUTES

13.1 Mediation. All disputes between Company and Client are subject to mediation. Either party may demand mediation by serving a written notice stating the essential nature of the dispute, the amount of time or money claimed, and requiring that the matter be mediated within 45 days of service of notice. No action or suit may be commenced unless the parties fail to conduct the mediation within 45 days after service of notice; or mediation occurred but did not resolve the dispute; or a statute of limitation would elapse if suit was not filed prior to 45 days after service of notice.

13.2 Choice of Law; Venue. This Agreement will be construed in accordance with and governed by the laws of the state in which the Project is located.

13.3 Statutes of Limitations. Any applicable statute of limitations will be deemed to commence running on the earlier of the date of substantial completion of Company's Services under this Agreement or the date on which claimant knew, or should have known, of facts giving rise to its claims.

14. MISCELLANEOUS

14.1 Assignment and Subcontracts. During the term of this Agreement and following its expiration or termination for any reason, neither party may assign this Agreement or any right or claim under it, in whole or in part, without the prior written consent of the other party, except for an assignment of proceeds for financing purposes. Any assignment that fails to comply with this paragraph will be void and of no effect. Company may subcontract for the services of others without obtaining Client's consent if Company deems it necessary or desirable for others to perform certain Services.

14.2 Integration and Severability. This Agreement reflects the parties' entire agreement with respect to its terms and limitations and supersedes all prior agreements, written and oral. If any portion of this Agreement is found void or voidable, such portion will be deemed stricken and the Agreement reformed to as closely approximate the stricken portions as law allows. These terms and conditions survive the completion of the Services under and the termination of the Agreement, whether for cause or for convenience.

14.3 Modification of This Agreement. This Agreement may not be modified or altered, except by a written agreement signed by authorized representatives of both parties and referring specifically to this Agreement.

14.4 Notices. Any and all notices, requests, instructions, or other communications given by either party to the other must be in writing and either hand delivered to the recipient or delivered by first-class mail (postage prepaid) or express mail (billed to sender) at the addresses given in this Agreement.

14.5 Headings. The headings used in this Agreement are for convenience only and are not a part of this Agreement.

14.6 Waiver. The waiver of any term, condition or breach of this Agreement will not operate as a subsequent waiver of the same term, condition, or breach.

14.7 Precedence. These GENERAL CONDITIONS take precedence over any inconsistent or contradictory provisions contained in any other agreement term, proposal, purchase order, requisition, notice to proceed, or other document regarding Company's Services.

14.8 Incorporation of Provisions Required By Law. Each provision and clause required by law to be inserted in this Agreement is included herein, and the Agreement should be read and enforced as though each were set forth in its entirety herein.

End of General Conditions

Fresno Chaffee Zoo Corporation
894 W. Belmont Ave
Fresno, CA 93728
(559) 498-5919 office
SBarton@fresnochaffeezoo.org

3-21-17

Reference: Request for Budget Proposal
Commissary Building project

Dear Mr. Barton:

Soltek Pacific Construction Company (Soltek Pacific) is pleased to submit a proposal for project management services for the Commissary building project located at Fresno Chaffee Zoo. The location of the structure is located on Delno Avenue at the South end of the Zoo. This structure has multiple functions such as; food preparation and dietary for animals, storage of both cold and dry goods, storage of crates and other items for Keepers, and much needed offices including conference room.

The following describes our overall approach to the management of the design activities involved, and working knowledge of the project.

Scope and Deliverables

Design Phase Services

- ◆ The project manager will provide project updates to FCZ Executive team members including the following;
 - Attend design meetings and provide meeting minutes
 - Manage the design process including accountability of schedule, open items, etc.
 - Provide information as necessary for design work such as verifying field dimensions and locations of existing utilities, and answering questions from Architect
 - Review the design documents while providing valuable constructability insight and value engineering
 - Assist FCZ Director and Architectural team with selection of finishes
 - Assist Architect and compile bid documents

Fees, Conditions and Schedule

Soltek Pacific Construction company will provide professional project management services suited to the project. The rates for these resources are as follows:

Construction Project Manager:	\$125.00 per hour
Project Manager:	\$110.00 per hour
Administrative Assistant:	\$45.00 per hour

Description	Estimated Hours	Rate	Estimated Cost
Construction Project Manager	200	\$125	\$25,000.00
Project Manager	0	\$110	\$00.00
Administrative Assistant	0	\$45	<u>\$00.00</u>
Total Costs			\$25,000.00



Attachment D

NOTE: This price represents an estimate based upon information gathered and a scheduled duration for the project of 7 months. If lesser hours are expended, a lower overall cost will be billed. If additional hours are required, authorization would be sought prior to exceeding the number of hours estimated.

Our team is ready to proceed with management services upon acceptance of the listed costs. I will remain the point of contact for FCZ including addressing any questions that you might have upon review of this document.

Sincerely,

Ronald L. Hicks
Vice President
Soltek Pacific Construction

Cc: Mike Elrod, CM, Soltek Pacific Construction
Brian Goldman, CFO, Fresno Chaffee Zoo Corporation



Bernheim + Dean, Inc.
Sustainable Building Consultants

28 February 2017

Paul Halajian, AIA, Principal
Paul Halajian Architects
389 Clovis Avenue, Suite 200
Clovis, CA 93612

RE: ZNE Feasibility Study for Fresno Zoo ~~Animal Holding~~ and Commissary Building

Paul,

Thanks for the opportunity to work with you on this feasibility study for the zero-net-energy (ZNE) design of the new ~~Animal Holding~~ and Commissary Building for the Fresno Zoo.

We're glad to assist you in the evaluation of the appropriate design strategies to minimize the energy demand for the Fresno climate and for the building's program of spaces and use, and to determine the rough size of the solar photovoltaic system corresponding to offsetting that annual demand. To assist your client in the evaluation of whether to proceed with the ZNE design as a project goal, we carry out a basic financial analysis comparing a base building design (characteristics to be determined) to the ZNE design.

The work of the study would be done in two steps: an extension of the Pre-Schematic phase that you are currently engaged in, followed by a more detailed evaluation in the Schematic Design phase if the client decides to continue with the ZNE design at the end of the Pre-Schematic phase. The study will provide enough information and analysis at that point to allow an informed decision by the client about whether and how to proceed.

The ZNE design process is an integrated one, so the degree of involvement of our team after the first step depends very much on the solution approach and how we assist the design team using the experiences we can apply from previous ZNE buildings. For that reason, this scope description only describes Step 1, the Pre-Schematic Phase. Step 2, if it is implemented for continuing with the ZNE design, will be determined at that time when the ZNE design approach is established and our assistive role is determined by you and the client.

The purpose of the Step 1 scope is to give you and the client enough information to make a Go/No-Go decision about a ZNE design approach versus base design (presumably a code-compliant approach). Since it is early in the design process, this information will necessarily be based in part by reasonable assumptions about the design. Specifically, we'll carry out the following work plan to get to the Go/No-Go decision point:

1. Information Gathering

You will send us programmatic information, a list of special equipment (freezer, refrigerators, etc.), hours of operation of the building, number of occupants and schedule of occupancy, number and type of computer equipment including servers, any unusual plug loads (water bottle machines, for example). We will collect climate data and analyze per possible design strategies. Preliminary "shoebox model" of building with possible design strategies (to bracket energy performance), with approximate PV system size.

2. Half-Day Workshop on Design Strategies

Meet with design team and discuss possible ZNE design strategies. To be covered: Base Building design features, ZNE options for envelope, natural ventilation mixed mode, HVAC, daylighting versus electric lighting. Review plug load (special equipment, etc.). Take-away: Base Building and preliminary ZNE Building Descriptions.



3. Analysis of Selected ZNE Design Strategies

Develop "shoebox model" of building with selected ZNE design strategies. Determine corresponding PV system size and roof area fit. Develop "shoebox model" of Base Building. Carry out financial analysis and determine ROI and difference in first cost. (Cost estimating of differences in design between Base and ZNE Buildings by design team cost estimator.)

4. Go/No-Go Report

Summarize the results of #3 in a report, including related assessments and explanatory comments. This report to provide client with basis for Go/No-Go decision.

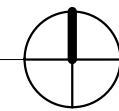
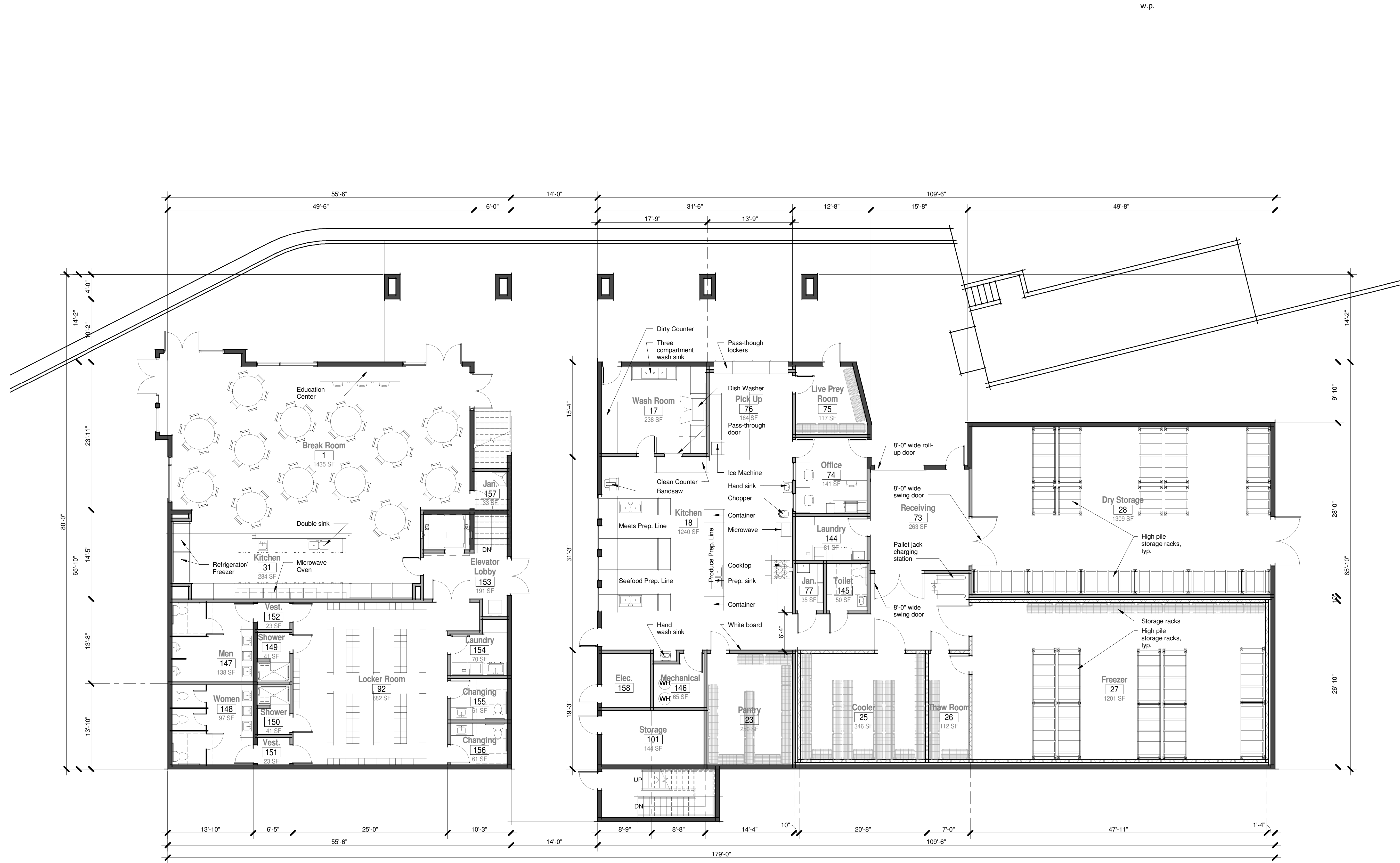
The time schedule required for this study is approximately six weeks. The total lump sum fee proposed is \$21,000.

We look forward to helping you and the client pursue this goal of a landmark ZNE facility for Fresno.

Edward Dean, FAIA
Principal

**Fresno's Chaffee Zoo Corporation
Animal Nutrition Center Design Budget**

Commissary Building	Costs	Total
Conceptual Design Fees-Halajian	\$ 10,500.00	
Schematic Design thru Construction Administration-Halajian	\$ 600,000.00	
Soltek Pacific Project Management-Design Phase & Bidding	\$ 25,000.00	
Testing & Inspections-soils, structural, compaction (BSK)	\$ 131,141.42	
Commissioning Estimate (buildings over 10,000 square feet)	\$ 18,000.00	
NZE - review of Building	\$ 21,000.00	
Storm Water Pollution Prevention Plan	\$ 2,500.00	
Contingency (10%)	\$ 80,814.14	
TOTAL		\$ 888,955.56



PH

PAUL HALAJIAN
ARCHITECTS

389 Clovis Ave, Suite 200
Clovis, CA 93612-1185
T: 559.297.7900 F: 559.297.7950
www.halajianarch.com



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PROJECT:
Fresno Chaffee Zoo
Animal Holding and Commissary

Enter address here
SHEET: 1st Floor Plan

DRAWING SET INFORMATION:

Issue Date	Project Status
------------	----------------

REVISIONS:

PROJECT NUMBER:

Project Number

SHEET NUMBER:

A201

PH

PAUL HALAJIAN
ARCHITECTS

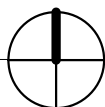
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1 2nd Floor Plan
1/8" = 1'-0"



PROJECT:

Fresno Chaffee Zoo
Animal Holding and Commissary

Enter address here

SHEET: 2nd Floor Plan

DRAWING SET INFORMATION:

Issue Date	Project Status
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REVISIONS:

PROJECT NUMBER:

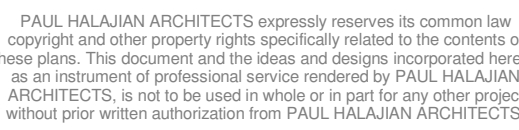
Project Number

SHEET NUMBER:

A202



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**Fresno Chaffee Zoo
Animal Holding and Commissary**

Enter address here

SHEET: Composite Isometric View

PROJECT:

DRAWING SET INFORMATION:

Issue Date	Project Status
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REVISIONS:

PROJECT NUMBER:

Project Number

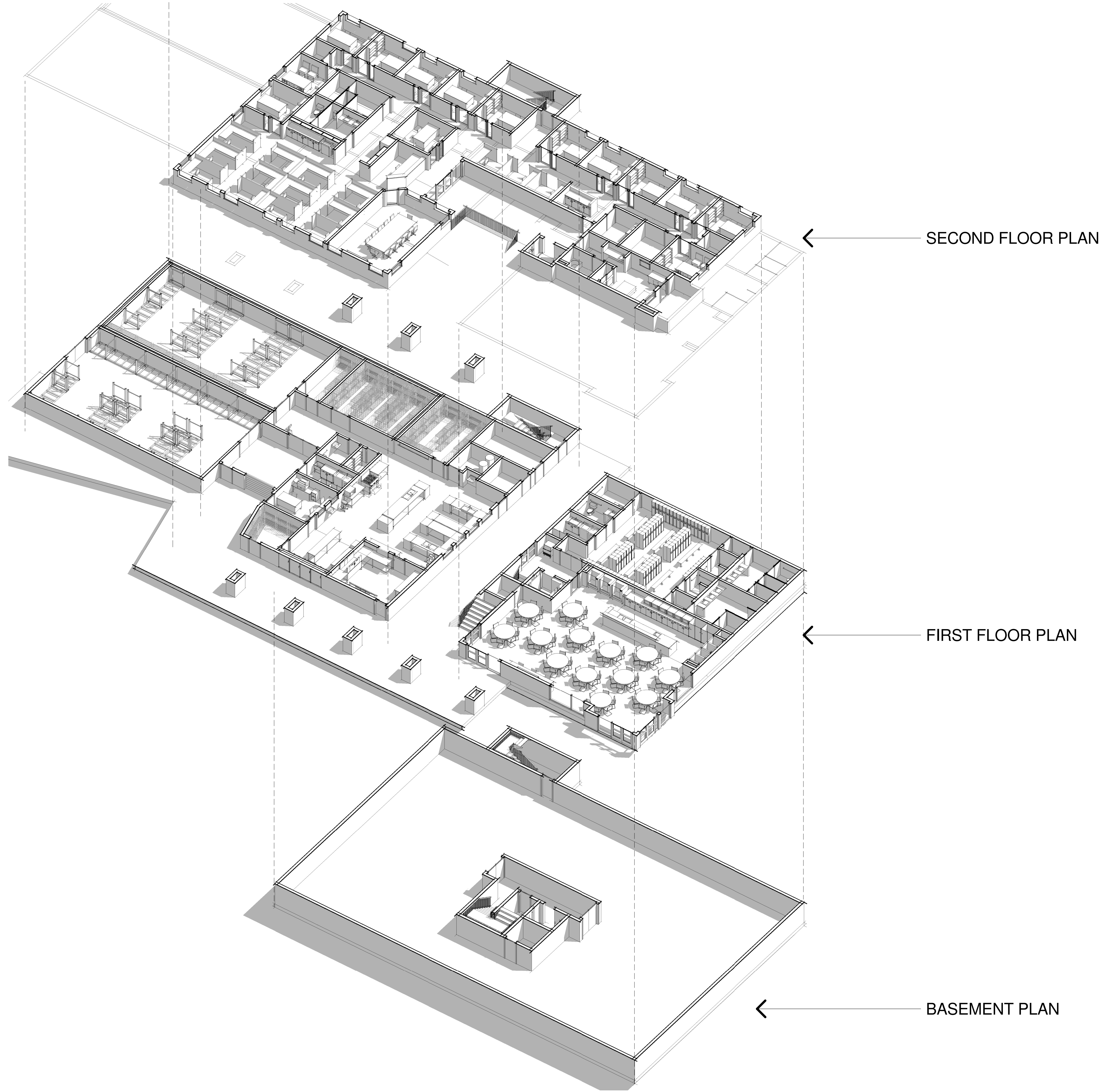
SHEET NUMBER:

A203

- SECOND FLOOR PLAN

— FIRST FLOOR PLAN

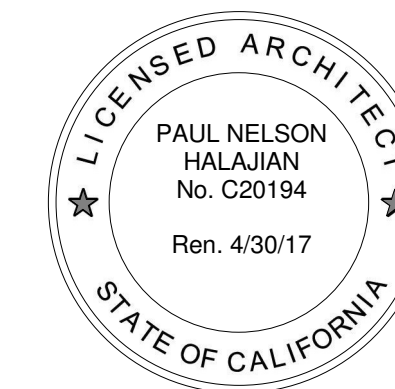
- BASEMENT PLAN



PH

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PROJECT:
**Fresno Chaffee Zoo
Animal Holding and Commissary**
Enter address here
SHEET: Composite Isometric View

DRAWING SET INFORMATION:

Issue Date	Project Status
------------	----------------

REVISIONS:

PROJECT NUMBER:

Project Number

SHEET NUMBER:

A204



Zoo Authority Report
2017

1st Draft

AGENDA ITEM #9

Rough Draft / Design In Progress

Zoo Authority Report

2017

1st Draft



Page

Introduction by the Chair of Zoo Authority Board	1
Acknowledgements	3
2017 Fresno County Zoo Authority Board and Staff	4
Zoo Authority Milestones of Fiscal Year 2016-2017	5
Treasurer's Exhibits	7
Introduction to Zoo Authority Financial Statements	9
Appendix A - Financial Statement with Independent Auditor's Report	10



MICHELLE ROMAN
Chairman

PAUL A. TOSTE, DVM
Vice Chairman

PETER HERZOG
Board Member

GERALD V. LYLES
Board Member

KENT L. STRATFORD
Board Member

RALPH WATERHOUSE
Board Member

LEE BRAND
Board Member

OLIVER BAINES
Board Member

Address: 2220 Tulare Street, 6th Floor ■ Fresno, CA 93721
Phone: 559.600.4305 ■ Email: zooauthority@co.fresno.ca.us
Web: www.zooauthority.org

News from The Zoo Authority

Dear Supervisors,

On behalf of the members of the Fresno County Zoo Authority Board, I am pleased to present our Annual Report for fiscal year 2016-17 that concluded on June 30.

During this fiscal year, the Fresno Chaffee Zoo welcomed a record 964,091 visitors. A significant contribution to this record attendance came from our African Adventure exhibit, which was funded by Measure Z. During the 12 month period from the grand opening of the African Adventure exhibit in October 2015 through September 2016, the Fresno Chaffee Zoo welcomed 1,020,700 visitors!

The Zoo Authority Board is happy to announce that further construction is under way for new and expanded Measure Z funded projects at the Fresno Chaffee Zoo. Coming in 2018 visitors can look forward to a Sierra Nevada river-themed water play area and expansion of the popular Dino Dig. Behind the scenes, the Zoo will benefit from a new nutrition center for efficient animal food preparation as well as a building for the Zoomobile's education animals. Currently in design are orangutan improvements and attractions including warthog, hippo, crocodile, Malayan tiger and sloth bear exhibits.

For the fiscal year concluded on June 30, 2016, Measure Z proceeds received totaled \$13,347,631 and \$31,782,697 was available to Fresno Chaffee Zoo. Reimbursements for expenses totaled \$4,547,665 including \$4,443,979 for maintenance and operations, and \$103,686 for capital projects, primarily for behind the scenes improvements and the design of future exhibits.

Total proceeds of the one-tenth of one percent Measure Z sales tax received since inception in April 2005 through June 30, 2017 were \$139,007,320. The Fresno Chaffee Zoo has been reimbursed \$40,421,920 for maintenance and operations and \$70,295,767 for various capital projects.

Two percent of Measure Z proceeds are available for the Authority's administrative expenses, primarily for professional and specialized services provided by Fresno County staff. Additionally, other examples of these types of expenses include managerial, clerical, accounting, and legal services, as well costs associated with the annual independent audit found in Attachment A.

News from The Zoo Authority

Both the Zoo Authority Board and the Fresno Chaffee Zoo Corporation are very mindful of our responsibility for Measure Z funds. Reporting on the use of these funds for oversight purposes is provided by this audit, the Fresno County Treasury staff, and an independent external audit performed by the Zoo Corporation's auditor which is reported to the Authority.

In closing, I would like to express our appreciation for the contribution of former Fresno Mayor Ashley Swearengin and welcome Mayor Lee Brand to the Authority Board. The collaborative efforts of the City of Fresno, the Fresno Chaffee Zoo Corporation, and the Zoo Authority Board are appreciated as all parties continue to guide future development of the Fresno Chaffee Zoo.

I know you will agree that our Zoo is a special jewel in California's Central Valley and I speak for all Zoo Authority members when I say that we look forward to many successful years to come!

If you have any questions regarding the Zoo Authority Board or the management of Measure Z funds, please feel free to contact me or one of our staff members at any time.

Respectfully,

Michelle Roman
2017 Zoo Authority Board Chairman

ACKNOWLEDGEMENTS

The Fresno County Zoo Authority greatly appreciates the investment of personal time and effort by board members of Fresno's Chaffee Zoo Corporation, and the cordial and collaborative relationship between the staff of the Authority and the Corporation.

We also acknowledge and appreciate the prompt and enthusiastic assistance from many Fresno County employees, without whom the needs and goals of the Zoo Authority Board could not be met.

ADMINISTRATIVE OFFICE

JOHN HAYS | Principal Administrative Analyst

AUDITOR-CONTROLLER/TREASURER-TAX COLLECTOR

ELIZ MANOUKIAN | Accounting and Financial Manager

COUNTY COUNSEL

JOAN CUADROS | Executive Assistant

FRESNO COUNTY EMPLOYEES' RETIREMENT ASSOCIATION

DONALD KENDIG | Retirement Administrator

ELIZABETH AVALOS | Administrative Secretary

PAT SRISUKWATANA | Systems Procedures Analyst III

KIM ZEPEDA | Systems Procedures Analyst I

INTERNAL SERVICES DEPARTMENT, GRAPHIC COMMUNICATION SERVICES

GINA BARR | Graphic Arts Specialist II

INTERNAL SERVICES DEPARTMENT, INFORMATION TECHNOLOGY DIVISION

DANIEL MOORE | Information Technology Manager

RAMIRO PUENTES | Information Technology Analyst II

PUBLIC WORKS AND PLANNING

CAROL PRATT | Principal Accountant

KAYING VANG | Supervising Accountant

SHERRI GRAHAM | Program Technician I

KEVIN OLIVAS | Office Assistant III

JASON YANG | Information Technology Analyst III



Annual Report Designed by:

GINA BARR | Graphic Arts Specialist II
The County of Fresno, Internal Services
Graphic Communication Services Division

BOARD AND STAFF

ZOO AUTHORITY BOARD 2017

PETER HERZOG <i>Nominated by: Nathan Magsig, District 5 Supervisor</i>	Chairman Term Expiration: 1/4/2021	9/10/2013
GERALD V. LYLES <i>Nominated by: Andreas Borgeas, District 2 Supervisor</i>	Board Member Term Expiration: 1/9/2021	3/8/2005
PAUL A. TOSTE, DVM <i>Nominated by: Brian Pacheco, District 1 Supervisor</i>	Vice Chairman Term Expiration: 1/7/2019	2/8/2005
KENT L. STRATFORD <i>Nominated by: Sal Quintero, District 3 Supervisor</i>	Board Member Term Expiration: 1/9/2021	2/8/2005
MICHELLE ROMAN <i>Nominated by: Buddy Mendes, District 4 Supervisor</i>	Chairman Term Expiration: 1/7/2019	7/14/2015
RALPH WATERHOUSE <i>Nominated by: Brian Pacheco, Board of Supervisors Chairman</i>	Board Member Term Expiration: 1/3/2018	1/10/2006
LEE BRAND <i>Ex Officio - Mayor of Fresno</i>	Board Member	Upon oath of office 1/5/2017
OLIVER BAINES <i>Mayor's Appointment, Councilmember, District 3</i>	Mayor's Alternate	1/28/2011

ZOO AUTHORITY STAFF

Jean Rousseau	Administrator	County Administrative Office	County Administrative Officer
Catherine Crosby	Coordinator	Public Works and Planning	Staff Analyst III
Jane T. Smith	Counsel	County Counsel	Deputy County Counsel
Megan Marks <i>From July 2016</i>	Treasurer	Auditor-Controller/ Treasurer-Tax Collector	Senior Accountant
Valerie Dirlam <i>Through November 2016</i>	Accountant	Auditor-Controller/ Treasurer-Tax Collector	Accountant I
Apao Xiong <i>From December 2016</i>	Accountant	Auditor-Controller/ Treasurer-Tax Collector	Accountant I

TIMELINE FOR 2015-16 REPORT

MEASURE Z AND FUNDING RESULTS

2003

- Nine-year-old Angel Arellano writes to The Fresno Bee, enclosing her \$1 donation and inspiring the effort to save the Fresno Chaffee Zoo.

2004

- Board of Supervisors creates Zoo Authority, adopts ordinance for a special tax of 1/10th of one cent for ten years and approves placing ordinance on November ballot.
- Measure Z sales tax passes with 73.42% of votes.

2006

- Fresno's Chaffee Zoo Corporation takes over operation of the Zoo from the City of Fresno.

2007

- Maintenance work, including painting, pathways, lighting, signage; Renovations, including Rain Forest, Maddis House, chimpanzee, anteater, swan, bird of prey, and hoof stock.

2008

- Master planning and pre-design engineering in progress.

2009

- Preparation of Environmental Impact Report and tree survey.

2010

- Reptile house improvements in progress
- Stingray Bay becomes a permanent exhibit.
- Dino Dig opens.

2011

- Fresno Planning Commission certifies Roeding Park Master Plan Environmental Impact Report.
- September ground-breaking for Sea Lion Cove.

2012

- Purchase of portable digital X-Ray machine.
- August-Sea Lion Cove opens; September attendance increased 93% above September 2011.

2013

- River Otters move into renovated former home of Sea Lions.
- King Cobra, Komodo dragon and renovated Reptile House exhibits open.

2014

- In January four healthy Malayan tiger cubs are born, and construction begins on African Adventure. 75% of construction firms are local.
- Tiger cubs bring more than 100,000 Zoo visitors in April.
- 72% of voters approved Measure Z for another 10 years. Funding approved for design of tiger exhibit expansion. Annual admissions surpass 700,000; an increase of 70% in 5 years.

2015

- Funding approved to acquire and transport animals for African Adventure and to complete utilities upgrades.
- The October 15 Grand Opening of African Adventure increases attendance by 95% over October 2014.

2016

- Utilities upgrades completed.
- Funding approved for animal acquisition, expansion of Dino Dig, and design of African River
- Re-designed Zoo Authority.org website debuts.
- Between October 2015 and September 2016, the Zoo received 1,020,700 visitors.
- Lion cub "Kijani" born October 11
- Funding approved for design of Warthog exhibit.
- Zoo staff includes 142 full-time and 87 part-time employees.
- A record 964,091 guests visited the Zoo in 2016.

2017

- Rare Southern White Rhino "Rudo" born January 24.
- Funding approved and projects completed for Storm drain extension and lines for new Water Play Area.
- Funding approved for schematic design African River, design of Orangutan improvements, Animal Nutrition Center, Education Animals building and construction of Water Play Area.
- In Fiscal Year 2016-17 Measure Z sales tax received was \$13,347,631.
- \$31,782,697 available to Fresno Chaffee Zoo for operations and future projects, as of June 30, 2017.
- \$139,007,320 Measure Z taxes received since April 2005.

UNAUDITED EXHIBITS

For the Treasurer

A, B, C, D and E

EXHIBIT A

Fresno County Zoo Authority Cash Balance

EXHIBIT B

Cash Disbursement by Category to Fresno's Chaffee
Zoo Corporation during Fiscal Year 2016-17

EXHIBIT C

Cash Disbursements by Fund to Fresno's Chaffee
Zoo Corporation during Fiscal Year 2016-17

EXHIBIT D

Fresno County Zoo Authority Measure Z
Sales Tax Proceeds Budget (Cash Basis)
for Fiscal Year Ended June 30, 2017

EXHIBIT E

Fresno County Zoo Authority Measure Z
Sales Tax Proceeds (Cash Basis) by
Fiscal Year From Inception
to June 30, 2017

For the Treasurer

EXHIBIT A: Fresno County Zoo Authority Cash Balance

Cash Available for Administration (2%)		
Fresno County Zoo Authority		\$ 1,376,340
Cash Available for Zoological Activities (98%)		
Operations	6,001,526	
Capital Projects	25,781,171	
Total Cash Available for Zoological Activities		<u>31,782,697</u>
Total Cash Balance as of June 30, 2017		\$ 33,159,037

For Operations		
Salaries & Benefits		3,497,081
Animal Feed		375,211
Utilities		571,567
Bank Charges		120
	Total Operations Disbursed to FCZC During Fiscal Year 2016-2017	4,443,979
For Capital Projects		
Project		
Capital Improvements		130,676
Bank Charges		10
	Total Capital Projects Disbursed to FCZC During Fiscal Year 2016-2017	130,686
Total FCZC Disbursements		\$ 4,574,665

From Inception to June 30, 2017													
	FY-2006	FY-2007	FY-2008	FY-2009	FY-2010	FY-2011	FY-2012	FY-2013	FY-2014	FY-2015	FY-2016	FY-2017	Total
Operations	1,538,300	2,805,819	4,082,456	3,603,994	3,095,657	2,613,501	2,842,057	3,704,037	3,497,218	3,713,649	4,481,253	4,443,979	\$ 40,421,920
Capital Projects	-	140,070	239,631	565,268	722,760	667,245	7,399,437	5,968,465	8,566,482	35,280,551	10,615,172	130,686	\$ 70,295,767
Total Disbursements:	1,538,300	2,945,889	4,322,087	4,169,262	3,818,417	3,280,746	10,241,494	9,672,502	12,063,700	38,994,200	15,096,425	4,574,665	\$ 110,717,687

*Note: No disbursements were made prior to FY-2006.

UNAUDITED EXHIBITS

For the Treasurer

D and E

EXHIBIT D:

Fresno County Zoo Authority Measure Z Sales Tax Proceeds Budget (Cash Basis) For Fiscal Year Ended June 30, 2017

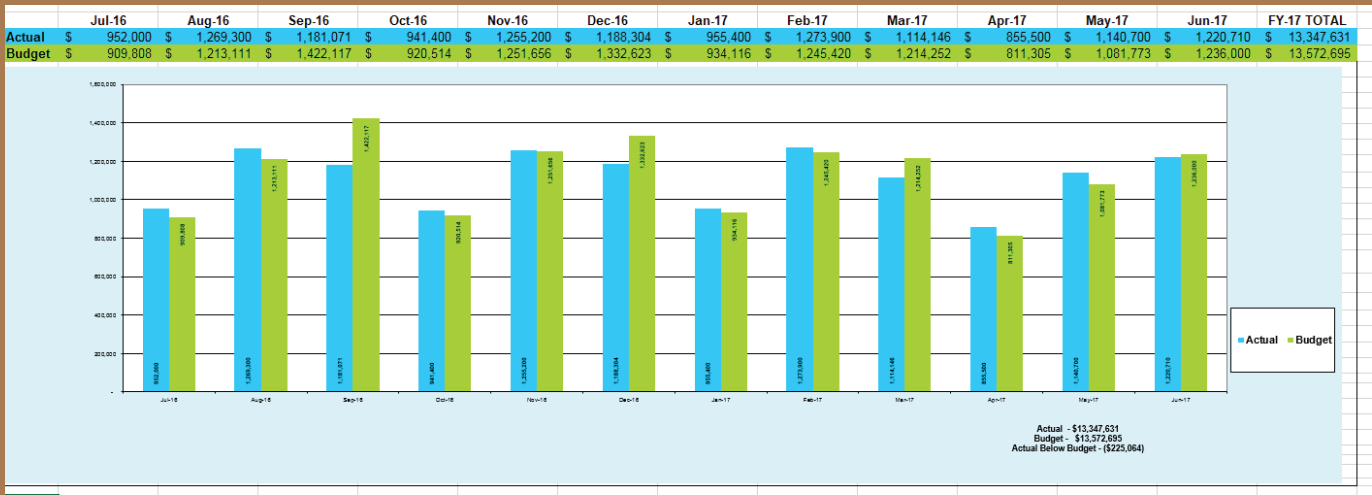
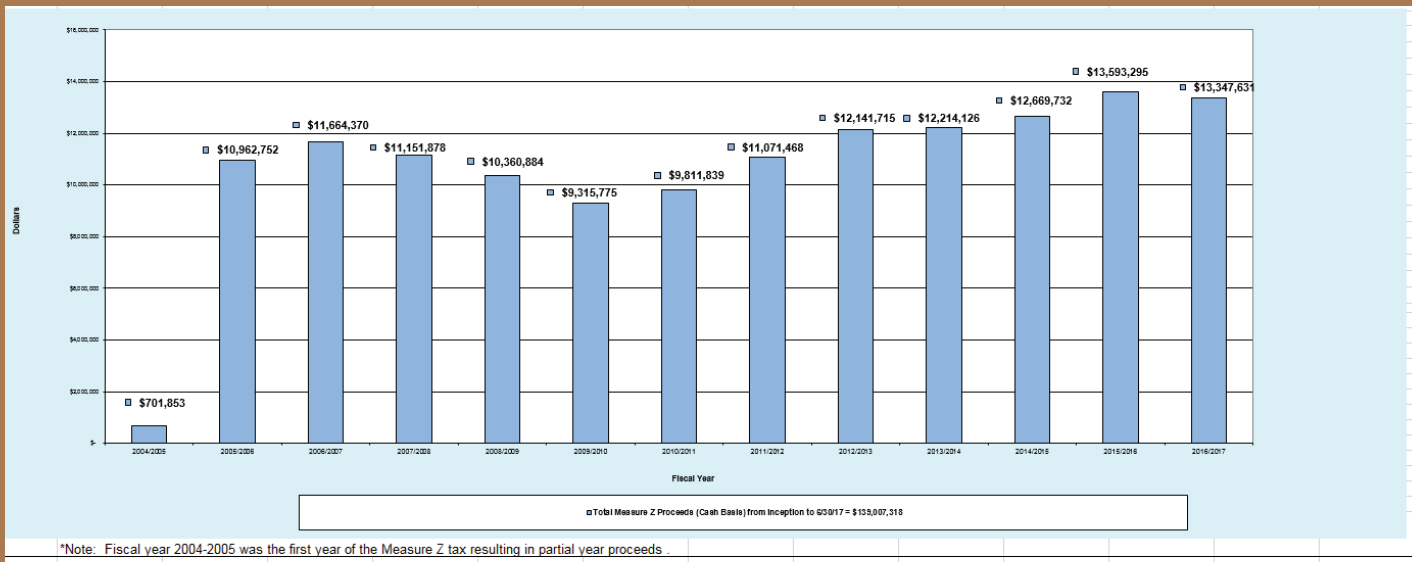


EXHIBIT E:

Fresno County Zoo Authority Measure Z Sales Tax Proceeds (Cash Basis) By Fiscal Year From Inception To June 30, 2017



INTRODUCTION TO AUDITED STATEMENTS

AUDITED FINANCIAL STATEMENTS

The Zoo Authority's financial statements for fiscal year ended June 30, 2017 were audited by Brown Armstrong, Certified Public Accountants, which is an independent accounting firm. The audit was conducted in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. These audited financial statements, as well as the independent auditor's report are presented in Appendix A. The notes to the financial statements should be read in conjunction with the statements as they are an integral part of the statements and provide disclosures required by generally accepted accounting principles (GAAP).

Financial highlights can be found on page 3 of the financial statements. Additional information which is an integral part of the financial statement can be found on pages _____.

Financial information for administration by the Zoo Authority is presented in pages _____. Financial information in relation to the operations and capital projects trust funds (funds for zoological purposes) is presented in pages _____.

As further discussed on page _____ of the financial statements, the Authority adopted an operating budget for fiscal year ended June 30, 2017. The variation between estimated and actual revenue and expenditures is presented in the Budgetary Comparison Schedule on page _____.

DISBURSEMENTS TO FRESNO'S CHAFFEE ZOO CORPORATION

During fiscal year 2017, a total of \$_____ was disbursed to the Fresno's Chaffee Zoo Corporation; \$_____ for operations and \$_____ for capital projects. The Statement of Fiduciary Net Assets on page _____ presents cash balances available for operations and capital projects to be used for Zoological purposes as of June 30, 2017. This statement also presents funds held in trust for operations and capital projects based on the accrual basis of accounting.

2017 Zoo Authority Adopted Meeting Calendar

January

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

September

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

October

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

November

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Holidays and Observances

Jan 2 New Year's Day observed
 Jan 16 Martin Luther King Day
 Feb 20 Presidents' Day
 Mar 31 Cesar Chavez Day

Apr 16 Easter Sunday
 May 29 Memorial Day
 Jul 4 Independence Day
 Sep 4 Labor Day

Nov 10 Veterans Day, observed
 Nov 23 Thanksgiving Day
 Nov 24 County Holiday
 Dec 25 Christmas Day



Contact:

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For Immediate Release

August 7, 2017

FRESNO CHAFFEE ZOO WELCOMES DEPUTY DIRECTOR/CHIEF OPERATING OFFICER

Fresno, CA – Fresno Chaffee Zoo officials are excited to welcome Deputy Director/Chief Operating Officer Amos Morris to the Fresno Chaffee Zoo team!

Morris comes to Fresno from the Mesker Park Zoo & Botanic Garden in Evansville, IN where he served as the Zoo's Director and the Executive Director of the Evansville Zoological Society. His primary background is in zoo management, mammal husbandry and conservation education. Morris started his zoo career as a zookeeper at the St. Louis Zoo and has over 25 years of zoo experience.

Amos is active in the Association of Zoos and Aquariums (AZA) professional programs and is a former member of the AZA Board of Directors. Over the past several years, Amos has served as a member of the AZA Ethics Board, is a current member of the AZA Elephant Management Group and Tiger Management Group, and is an AZA Accreditation inspector.

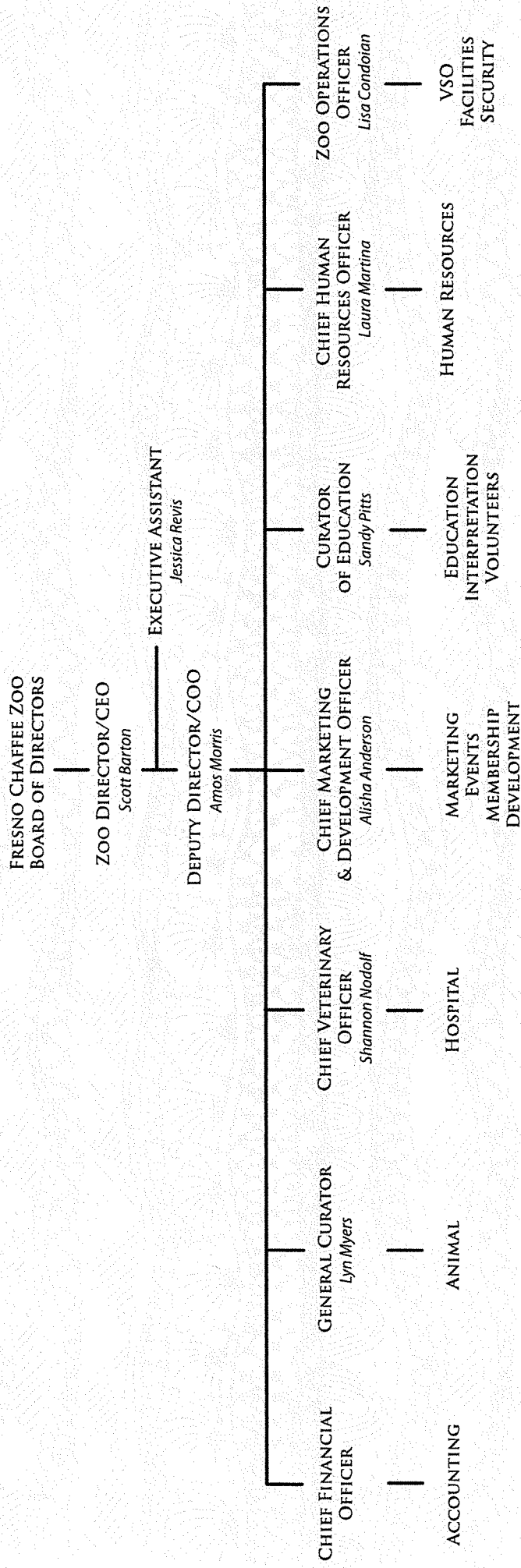
"Amos brings with him a variety of zoo experience and a vast knowledge of the animal industry," said Scott Barton, CEO of Fresno Chaffee Zoo. "We are very excited to welcome him to Fresno and are eager to have him as a part of our team."

"Fresno Chaffee Zoo inspires wonder of our natural world, provides an engaging learning environment, and creates a passion for conservation."

###



ORGANIZATION FLOW CHART





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For Immediate Release

June 20, 2017

FRESNO CHAFFEE ZOO TO CELEBRATE WORLD GIRAFFE DAY ON JUNE 21

Fresno, CA –Fresno Chaffee Zoo staff are excited to invite guests to join the World Giraffe Day celebration on Wednesday, June 21 from 9 a.m. to 1 p.m.

The event will take place in African Adventure's Canopy Grove area, where guests can enjoy photo opportunities, a scavenger hunt, educational arts and crafts, biofacts and more! This event is free with regular zoo admission.

Additionally, guests have the opportunity to feed a giraffe and make a difference! All proceeds from giraffe feeding on June 21 will be donated directly to the Reticulated Giraffe Project, a conservation effort that aims to reverse the current giraffe population decline. Giraffe feeding is \$3 per person.

The following statement was prepared by the Zoo's ungulate care team:

"We are so excited to have the opportunity to go the extra mile and support a species that we care for every single day. We can't wait to highlight our very charismatic reticulated giraffes and teach guests about what they are experiencing in the wild. We encourage you to come celebrate and learn about giraffes with us at World Giraffe Day on June 21st!"

World Giraffe Day is an annual event initiated by the Giraffe Conservation Foundation to celebrate the longest-necked animal on the June 21, the longest day (or night – depending on which hemisphere you live in) of the year.

"Fresno Chaffee Zoo inspires wonder of our natural world, provides an engaging learning environment, and creates a passion for conservation."

###



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For Immediate Release

August 8, 2017

FRESNO CHAFFEE ZOO TO CELEBRATE WORLD LION DAY ON AUGUST 10

Fresno, CA – Fresno Chaffee Zoo staff are excited to invite guests to join the World Lion Day celebration on Thursday, August 10 from 9 a.m. to 1 p.m.

The event will take place in the Zoo's newest exhibit, African Adventure, where guests can enjoy lion-themed arts and crafts, see and touch carnivore biofacts and more!

At 9 a.m., the Zoo's pride of lions will enjoy knuckle bones and cool blood popsicles! Plus, a lion keeper chat will take place at 12 p.m. and a special lion feeding session will take place at 12:15 p.m.!

Additionally, guests will have the opportunity to enter to win a behind-the-scenes lion tour! Two winners will score a private tour* for up to six people to get even closer to our pride. Opportunity drawing tickets will be available for \$1 at the Zoo's admission booth as well as the Market gift shop behind African Adventure's Kopje Lodge. All proceeds will be donated to the Ruaha Carnivore Project to protect lions and other carnivores in the wild.

* Behind-the-Scenes Tours will be for a future date. No same-day tours.

"Fresno Chaffee Zoo inspires wonder of our natural world, provides an engaging learning environment, and creates a passion for conservation."

###

What has 1 horn and is moving into the old elephant enclosure? (They're not unicorns)

The Fresno Bee JULY 30, 2017 9:00 AM
BY MARC BENJAMIN mbenjamin@fresnobee.com

Work is underway at Fresno Chaffee Zoo on the former Asian elephant enclosure to accommodate two new single-horned occupants. Trees have been planted, dirt added to raise the enclosure's elevation, the pool refinished and sprinklers and grass are being installed to accommodate new Indian rhinos in the home of former zoo favorites Shaunzi and Kara. Kara died earlier this year and Shaunzi was moved to the Los Angeles Zoo about a month ago.

"There will be a nice, green exhibit for our browsing and grazing rhinos," said Mark Halvorsen, animal curator at Fresno Chaffee Zoo, who will oversee the rhinos. Inside their sleep quarters, cement was replaced by dirt that will be gentler on the

Work has been ongoing for a few weeks in preparation for the new occupants, which are coming from the San Diego Zoo Safari Park. There are 56 Indian rhinos in U.S. zoos, according to Association of Zoos and Aquariums records.

The pair of males coming to Fresno Chaffee Zoo this fall are about 2 years old. At about 1,900 pounds each, they are less than half their full-grown size. They will reach 5,000 pounds around their fifth birthday when they grow to 6 feet tall and 12 feet long, Halvorsen said. The two males are not related. They were hand-reared and bottle-fed when they were young, which makes them more people-oriented, he said.

Indian rhinos, the second tallest of rhino species, are vulnerable in the wild due to poaching and a loss of habitat. Their horn, made of keratin, a protein found in hair, feathers, hooves, claws and horns, is believed in Asia to have medicinal qualities for numerous maladies. The price of keratin from the rhino horn is more expensive than gold by weight, Halvorsen said.

Low-key grazers

In a perfect world, Indian rhinos are solitary grazers with a special affinity for aquatic plants and a love of wading and swimming. They are generally non-aggressive, except in breeding season.

"They particularly like being in the water, wading and swimming and wandering in the shallows," said CeCe Seiffert, deputy director of the Virginia-based [International Rhino Foundation](#). "They keep to themselves, wandering through grasslands, eating grass and swatting flies with their tails. They won't provoke an attack but they will defend themselves."

The characteristics that most distinguish Indian rhinos from their fellow horned species is their single horn and the way their skin rests on their bodies, looking like a suit of armor. They also have a prehensile lip that allows them to more easily grasp grasses with their mouths, Seiffert said.

Another unique feature, the "little tufts of hair on the tips of their ears," is especially endearing, she said.

Only 3,550 remain in the wild in India and southern Nepal. Those trying to protect Indian rhinos say that "poaching is the leading cause of rhino deaths," Seiffert said.

The horn itself is viewed as a status symbol, but its powder has no proven medical benefits. It's sold as a cure for hangovers, infertility, cancer, "anything a snake-oil salesman wants to sell you," she said. Seiffert likens keratin to "chewing your toenails. It's a misconception that there is any medicinal value."

Marc Benjamin: 559-441-6166, @3dogbenjamin

Read more here:

<http://www.fresnobee.com/news/local/article164305442.html#storylink=cpy>



894 West Belmont Avenue

Fresno's Chaffee Zoo Corporation



Fresno, California 93728

FRESNO'S CHAFFEE ZOO CORPORATION

**Agenda for the Finance Committee Meeting of the Board of Directors
Wednesday, July 19, 2017 at 4:00 pm
Fresno Chaffee Zoo Education Building**

1. Call to order 4:00 pm
2. Roll Call: Directors Saladino, Dougherty, Rainwater, Valentino, Dr. Chen, CEO-Barton
3. Review, Discuss and Consider minutes from the June 21, 2017 meeting.
4. Chair Report.
5. Presentation from Regency Investment on 3rd Quarter Results.
6. Review, Discuss and Consider 2017 June Financial Statement.
7. Old Business
 - A) 401k Trustees Update
 - B) 401k Audit Update
 - C) FCZC Line of Credit Limitations
 - D) Measure Z Monthly Financial Reporting Accuracy
 - E) Development Committee Update
 - F) Playland/Storyland Discussion
 - G) Investment Review Study
8. New Business
 - A) Next meeting: September 20, 2017
9. Public Comment.

This time is set-aside for the public to comment on any item within the jurisdiction of the Board, but not appearing on the agenda. Items presented under public comment may not be discussed or acted upon by the Board at this time. For items appearing on the agenda, the public is invited to comment at the time the item is called for consideration by the Board. Any person addressing the Board under public comment will be limited to a 3-minute presentation to insure that all interested parties have an opportunity to speak. Please state your name.
10. Finance Committee questions and comments.
11. Adjournment.



894 West Belmont Avenue

Fresno's Chaffee Zoo Corporation



Fresno, California 93728

FRESNO'S CHAFFEE ZOO CORPORATION

Agenda for the Meeting of the Board of Directors

Wednesday, July 19, 2017 5:30 pm

Fresno Chaffee Zoo Education Building - Fresno, CA

- 1. Call to order – 5:30 p.m.:**
- 2. Roll Call:**
- 3. Review, Discuss and Consider June 21, 2017 Minutes:**
- 4. Presentation from CLR Design, Greg Dykstra**
- 5. Chair Report:**
- 6. CEO Report:**
 - **Projects Update**
- 7. Review, Discuss and Consider Standing and Ad Hoc Committee Reports and/or Action Items:**
 - a. Audit
 - b. Bylaws
 - c. Nominating
 - d. Finance
- 8. Review, Discuss and Consider June 2017 Financial Report:**
- 9. New Business:**
 - Confirm September 20, 2017 Board Meeting
- 10. Public Comment:**

This time is set-aside for the public to comment on any item within the jurisdiction of the Board, but not appearing on the agenda. Items presented under public comment may not be discussed or acted upon by the Board at this time. For items appearing on the agenda, the public is invited to comment at the time the item is called for consideration by the Board. Any person addressing the Board under public comment will be limited to a 3-minute presentation to insure that all interested parties have an opportunity to speak. Please state your name.
- 11. Board questions and comments:**
- 12. Adjournment:**