

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

*** SCHOOL FACILITIES BOARD ***

NOTICE OF PUBLIC MEETING

Pursuant to Arizona Revised Statutes Annotated (A.R.S.) §38-431.02, notice is hereby given to the members of the School Facilities Board and to the general public that the Board will hold a meeting open to the public at the date, time and place set forth below. The Board will consider the items listed on the agenda and will take action when necessary and appropriate. The Board reserves the right to change the order of items on the agenda, with the exception of public hearings.

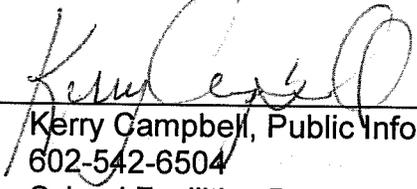
Pursuant to A.R.S. §38-431.03(A)(3), (4) and (7) the Board may vote to go into Executive Session, which is not open to the public to receive legal advice from the Board's attorney on any matter listed on the agenda.

One or more members of the School Facilities Board may attend either in person or by telephone, video or internet conferencing.

DATED AND POSTED this 1st day of May, 2015.

May 6, 2015
10:00am MST
Arizona State Archives Building
1901 W. Madison St.
1st Floor Meeting Room
Phoenix, Arizona 85009

By


Kerry Campbell, Public Information Officer

602-542-6504
School Facilities Board
1700 W. Washington St., Ste. 104
Executive Tower, 1st Floor
Phoenix, Arizona 85007

Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Kerry Campbell at 602-542-6504. Requests should be made as early as possible to allow time to arrange the accommodation.

AGENDA
SCHOOL FACILITIES BOARD
May 6, 2015
10:00AM

Arizona State Archives Building
1901 W. Madison St.
1st Floor Meeting Room
Phoenix, Arizona 85009

Pursuant to A.R.S. §38-431.03(A)(3), the Board may vote to go into Executive Session, which is not open to the public for discussion or consultation for legal advice with the Board's attorney.

- I. Call to Order
- II. Roll Call
- III. Consideration and possible vote to accept, reject or modify the Minutes of April 1, 2015
- IV. Director's Report
 - a. 2015 Refunding Resolution
 - b. Update on San Carlos Unified
 - c. New School Facilities Fund Terms and Conditions
 - d. Policy Approval – V. New Construction
 - e. Rule Review Update
- V. Reduction of Square Footage Requests
 - a. Consideration and possible vote to accept, reject or modify Requests for Reduction of Square Footage
 - ◆ Deer Valley Unified
 - b. Consideration and possible vote to accept, reject or modify Requests for Reduction of Square Footage
 - ◆ Show Low Unified
 - c. Consideration and possible vote to accept, reject or modify Requests for Reduction of Square Footage (denial)
 - ◆ Show Low Unified

VI. Building Renewal Grant Requests

- a. Consideration and possible vote to ratify the Executive Director's awards of Building Renewal Grant funds as authorized in the Building Renewal Grant Policy IX.C. (up to \$50,000 for deficiencies correction)

◆ Cedar Unified
◆ Gila Bend Unified
◆ Tanque Verde Unified (2 request)

- b. Consideration and possible vote to ratify the Executive Director's awards of Building Renewal Grant funds as authorized in the Building Renewal Grant Policy IX.C. (up to \$30,000 for investigation) (including supplemental award)

◆ Globe Unified

- c. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests

Supplemental Awards

◆ Dysart Unified (2 requests)
◆ Gila Bend Unified
◆ Hayden-Winkelman Unified
◆ Kirkland Elementary
◆ Pomerene Elementary
◆ Scottsdale Unified
◆ Sonoita Elementary
◆ Tolleson Elementary
◆ Tucson Unified

- d. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests

Construction Awards

◆ Amphitheater Unified (2 requests)
◆ Balsz Elementary
◆ Bullhead City Elementary
◆ Colorado River Union (2 requests)
◆ Crane Elementary
◆ Elfrida Elementary
◆ Hackberry Elementary

◆ J O Combs Unified
◆ Kingman Unified
◆ Lake Havasu Unified (4 requests)
◆ Litchfield Elementary

e. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests

Construction Awards

◆ Mesa Unified (5 requests)
◆ Mohave Valley Elementary
◆ Palo Verde Elementary
◆ Pine Strawberry Elementary
◆ San Simon Unified (2 requests)
◆ Tucson Unified

f. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests

Design Awards

◆ Duncan Unified (2 requests)
◆ Globe Unified (2 requests)
◆ Mammoth-San Manuel Unified
◆ Mohave Valley Elementary
◆ Morenci Unified
◆ Palominas Elementary
◆ Show Low Unified

g. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests

Denial

◆ Mesa Unified

VII. Emergency Deficiencies Correction Requests

a. Consideration and possible vote to ratify the Executive Director’s awards of Emergency Deficiencies Correction funds as authorized by the Emergency Deficiencies Policy VI.B. (up to \$30,000 for professional evaluation) (including supplemental award)

◆ Wickenburg Unified

VIII. Farewell to Dean Gray

IX. Future Agenda Items

X. Public Comment

Members of the Board may not discuss items that are not specifically identified on the agenda. Therefore, pursuant to A.R.S. §38-431.01(H), action taken as a result of public comment will be limited to directing staff to study the matter, responding to the criticism or scheduling the matter for further consideration and decision at a later date.

XI. Adjournment

SCHOOL FACILITIES BOARD
April 1, 2015
Phoenix, Arizona

The School Facilities Board held a Board Meeting at the Arizona State Archives Building in Phoenix, Arizona. The meeting began at 10:07 A.M.

<u>Members Present</u>	<u>Guests Present</u>
Jennifer Stielow, Chair	Kim Randall, Cedar USD
Tom Rushin, Vice-Chair	Robert Dooley, Ajo USD
Ward Simpson	Bonnie Gonzales, H2 Group
Vern Crow	Derron Bawyer, CRS
Bryan Peltzer	Phil Farder, Benson USD
Traci Sawyer-Sinkbeil	Ron Blow, Benson USD
Dr. Jeff Smith	Shane Kneisel, APS
Ashley Berg (non-voting)	Valerie Gramiak, APS
	Tom Robins, Emcor
<u>Members Absent</u>	Craig Edwards, Commercial Systems
Edward Boot	Bob Young, Dysart USD
Dru Barisich	Allison Soriano, FMG
	Dan Scheller, Flowing Wells USD
<u>Staff Present</u>	John Muir, Cave Creek USD
Dean Gray, Executive Director	Sue Sylvester, Roofing Southwest
Kerry Campbell, Public Information Officer	Tim Leedy, Balsz ESD
Amber Peterson, School Finance Specialist	D. Chancey, Blaszc ESD
Debra Sterling, Attorney General's Office	Don Brubaker, Architect
Dan Demland, School Facilities Liaison	Todd Poer, Mesa USD
Ron Passarelli, Legislative Liaison	Carlos Monreal, Scottsdale USD
David Kennon, Assessor	Michael Williams, OSPB
Pat Cruse, School Facilities Liaison	Richard Bishop, Paradise Valley USD
Yujun Mei, Demographer	

- I. Call to Order
Chairman Jennifer Stielow called the meeting to order at approximately 10:00 A.M.
- II. Roll Call
There were seven (7) voting Board Members present.
- III. Consideration and possible vote to accept, reject or modify the Minutes of March 4, 2015
Vern Crow made a motion for Board approval of the Minutes of March 4, 2015. Dr. Jeff Smith seconded. The motion passed with a voice vote of 7-0.
- IV. Director's Report
 - a. FY2015 Refunding
Dean Gray deferred to Grant Hamill of Stifel, the Board's Financial Advisor, for an overview of the possible refunding. The Board discussed various aspects of the possible refunding.
 - b. Legislative/Budget Update

Dean Gray deferred to Ron Passarelli for the update. He then announced that Ron will be retiring at the end of April and thanked him for his years of service to the State and the SFB as our Legislative Liaison for the last eight years.

c. Policy Review – V. New Construction

Dean Gray provided a brief explanation of the proposed changes as presented in the Board packet.

d. Director Discussion

Dean Gray announced to the Board that he will be retiring from 30 years of State service on May 25, 2015.

V. Reduction of Square Footage

a. Consideration and possible vote to accept, reject or modify Requests for Reduction of Square Footage

Amber Peterson provided a brief explanation of the staff recommendation as presented in the Board packet.

Tom Rushin made a motion for Board approval of the following staff recommendation:

Board approval of the reconfiguration of **Prescott Unified's** elementary and middle schools from K-5/6-8 to K-6/7-8 and reconfiguration of Granite Mountain Middle School to an Elementary school.

Ward Simpson seconded. The motion passed with a voice vote of 7-0.

b. Consideration and possible vote to accept, reject or modify Requests for Reduction of Square Footage

Amber Peterson provided a brief explanation of the staff recommendation as presented in the Board packet. The Board discussed various aspects of the district's request.

Vern Crow made a motion for Board approval of the following staff recommendation:

Board approval of **San Carlos Unified's** request to remove San Carlos Junior High School from the district's inventory.

Ward Simpson seconded. The motion passed with a voice vote of 7-0.

VI. Building Renewal Grant Requests

a. Consideration and possible vote to ratify the Executive Director's awards of Building Renewal Grant funds as authorized by the Building Renewal Grant Policy IX.C. (up to \$50,000 for project award)

Dean Gray reviewed the balance of the Building Renewal Grant fund. If today's recommendations are approved by the Board the remaining balance would be \$8,639,750. Staff continues working to close projects and make recognized savings and unspent monies available for new projects. Dean Gray provided a brief explanation of the requests as presented in the Board packet. The Board discussed various aspects of the projects.

Dr. Jeff Smith made a motion for Board approval of the following staff recommendations:

1. Board ratification that **Litchfield Elementary** be awarded \$1,657 in Building Renewal Grant funding for the replacement of a 5-ton HVAC compressor in Building 1002 at Litchfield Elementary School (project number 070479107-1002-001BRG).
2. Board ratification that **Solomon Elementary** be awarded an additional \$20,055 in Building Renewal Grant funding for the sewer line replacement at Building 1007 at Solomon Elementary School (project number 050305101-1007-001BRG). This includes \$1,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$21,805.

Traci Sawyer-Sinkbeil seconded. The motion passed with a voice vote of 7-0.

b. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests (supplemental awards)

Dean Gray provided a brief explanation of the request as presented in the Board packet.

Vern Crow made a motion for Board approval of the following staff recommendation:

1. Board approval of the staff recommendation that **Cave Creek Unified** be awarded an additional \$1,181,000 in Building Renewal Grant funding for the replacement of the roof systems on Buildings 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, and 1015 at Cactus Shadows High School (project number (070293204-9999-006BRG). This includes \$100,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$1,205,200.
2. Board approval of the staff recommendation that **Coolidge Unified** be awarded an additional \$37,586 in Building Renewal Grant funding for full replacement of an HVAC unit on Building 1007 at Coolidge High School (project number 110221007-1007-016BRG). This brings the total project cost to \$52,586.
3. Board approval of the staff recommendation that **Duncan Unified** be awarded an additional \$181,000 in Building Renewal Grant funding for the replacement of the HVAC system on Building 1005 at Duncan Primary School (project number 060202101-1005-001BRG). This includes \$12,500 in contingency that will only be used with SFB staff approval and brings the total project cost to \$186,000.
4. Board approval of the staff recommendation that **Flowing Wells Unified** be awarded an additional \$294,500 in Building Renewal Grant funding for construction administration and construction for exterior reseal and structural repairs at Flowing Wells Junior High School (project number

100208170-9999-002BRG). This includes \$25,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$306,500.

5. Board approval of the staff recommendation that **Flowing Wells Unified** be awarded an additional \$118,263 in Building Renewal Grant funding for construction administration, construction, asbestos remediation and oversight for repair of the roof and mechanical systems on Building 1009 at Flowing Wells Junior High School (project number 100208170-1009-003BRG). This includes \$10,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$138,573.
6. Board approval of the staff recommendation that **Holbrook Unified** be awarded an additional \$138,360 in Building Renewal Grant funding for construction administration and construction to replace 10 HVAC units for Buildings 1007 and 1008 at Hulet Elementary School (project number 090203102-9999-002BRG). This includes \$10,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$162,550.
7. Board approval of the staff recommendation that **Littlefield Unified** be awarded an additional \$176,300 in Building Renewal Grant funding for the replacement of the roof on Building 1008 at Beaver Dam Elementary School (project number 080409001-1008-001BRG). This includes \$12,500 in contingency that will only be used with SFB staff approval and brings the total project cost to \$177,675.

Ward Simpson seconded. The motion passed with a voice vote of 7-0.

The Board confirmed the award for Littlefield Unified with a separate vote.

Vern Crow made a motion for Board approval of the following recommendation:

Board approval of the staff recommendation that **Littlefield Unified** be awarded an additional \$176,300 in Building Renewal Grant funding for the replacement of the roof on Building 1008 at Beaver Dam Elementary School (project number 080409001-1008-001BRG). This includes \$12,500 in contingency that will only be used with SFB staff approval and brings the total project cost to \$177,675.

Tom Rushin seconded. The motion passed with a voice vote of 7-0.

- c. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests (supplemental awards)

Dean Gray provided a brief explanation of the request as presented in the Board packet. The Board discussed various aspects of the projects and agreed to take separate votes on some of the requests.

Traci Sawyer-Sinkbeil made a motion for Board approval of the following staff recommendation:

3. Board approval of the staff recommendation that **Mesa Unified** be awarded an additional \$222,000 in Building Renewal Grant funding to re-route the electrical imbedded in the concrete floors of multiple buildings and to repair the concrete flooring at Webster Elementary School (project number 070204115-9999-006BRG). This includes \$20,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$241,060.

Vern Crow seconded. The motion passed with a voice vote of 7-0.

Tom Rushin made a motion for Board approval of the following staff recommendation:

5. Board approval of the staff recommendation that **Mohawk Valley Elementary** be awarded an additional \$16,000 in Building Renewal Grant funding to replace clarifier pumps on the domestic water plant at Mohawk Valley Elementary School (project number 140417101-9999-005BRG). This includes \$2,208 in contingency that may only be used with SFB staff approval and brings the total project cost to \$301,126.

Vern Crow seconded. The motion passed with a voice vote of 7-0.

Vern Crow made a motion for Board approval of the following staff recommendations:

1. Board approval of the staff recommendation that **Mesa Unified** be awarded an additional \$162,800 in Building Renewal Grant funding for construction administration and construction to replace the sewer ejection system that services all buildings at Red Mountain High School (project number 070204275-9999-004BRG). This includes \$16,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$183,100.
2. Board approval of the staff recommendation that **Mesa Unified** be awarded an additional \$83,272 in Building Renewal Grant funding to reseal/repaint the exterior of the multipurpose and gymnasium Building 1021 at Webster Elementary School (project number 070204115-1021-005BRG). This includes \$8,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$100,672.
3. This item was voted on earlier in the meeting.
4. Board approval of the staff recommendation that **Mohave Valley Elementary** be awarded an additional \$108,640 in Building Renewal Grant funding to replace the sewer line serving Buildings 1004, 1005 and 1018 at Mohave Valley Elementary School (project number 080416101-9999-018BRG). This includes \$5,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$129,140.
5. This item was voted on earlier in the meeting.

6. Board approval of the staff recommendation that **Page Unified** be awarded an additional \$23,472 in Building Renewal Grant funding for the roof replacement on Building 1004 at Page High School (project number 030208209-1004-003BRG). This brings the total project cost to \$822,922.
7. Board approval of the staff recommendation that **St. David Unified** be awarded an additional \$14,400 in Building Renewal Grant funding to replace the doors at St. David High School (project number 020221202-9999-005BRG). This includes \$2,589 in contingency that will only be used with SFB staff approval and brings the total project cost to \$20,350.
8. Board approval of the staff recommendation that **St. David Unified** be awarded \$24,100 in Building Renewal Grant funding for the reseal/repaint of the exterior walls at St. David Elementary School (project number 020221202-9999-008BRG). This includes \$4,021 in contingency that will only be used with SFB staff approval and brings the total project cost to \$28,700.
9. Board approval of the staff recommendation that **St. David Unified** be awarded \$48,000 in Building Renewal Grant funding for the reseal of the exterior walls at St. David High School (project number 020221202-9999-009BRG). This includes \$8,432 in contingency that will only be used with SFB staff approval and brings the total project cost to \$57,200.
10. This item to be voted on in the motion following.
11. This item to be voted on in the motion following.
12. This item to be voted on in the motion following.

Traci Sawyer-Sinkbeil seconded. The motion passed with a voice vote of 7-0.

Vern Crow recused himself from the Board at this time.

Ward Simpson made a motion for Board approval of the following staff recommendations:

10. Board approval of the staff recommendation that **St. Johns Unified** be awarded an additional \$19,920 in Building Renewal Grant funding for structural and mechanical engineering services to review existing HVAC equipment loads and overhauling the existing chiller/boiler system at St. Johns High School (project number 010201205-9999-001BRG). This brings the total project cost to \$696,123.
11. Board approval of the staff recommendation that **St. Johns Unified** be awarded an additional \$55,300 in Building Renewal Grant funding for construction administration and construction to repair the grease trap and waste line in Building 1001 at Coronado Elementary School (project number 010201102-1001-002BRG). This includes \$8,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$62,250.

12. Board approval of the staff recommendation that **Tolleson Union** be awarded an additional \$23,929 in Building Renewal Grant funding for the sewer piping repair at Tolleson Union High School (project number 070514201-1004-006BRG). This brings the total project cost to \$89,279.

Tom Rushin seconded. The motion passed with a voice vote of 6-0.

Vern Crow rejoined the Board at this time.

d. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests (construction awards)

Dean Gray provided a brief explanation of the requests as presented in the Board packet. The Board discussed various aspects of the projects.

Traci Sawyer-Sinkbeil made a motion for Board approval of the following staff recommendations:

1. Board approval of the staff recommendation that **Ajo Unified** be awarded \$84,700 in Building Renewal Grant funding to replace the intercom system at Ajo School. This includes \$7,777 in contingency that will only be used with SFB staff approval.
2. Board approval of the staff recommendation that **Bullhead City Elementary** be awarded \$16,261 in Building Renewal Grant funding to replace a water source heat pump in Building 1001 at Desert Valley Elementary School. This includes \$1,000 in contingency that will only be used with SFB staff approval.
3. Board approval of the staff recommendation that **Bullhead City Elementary** be awarded \$126,500 in Building Renewal Grant funding for the sewer line replacement on Building 1001 at Bullhead City Junior High School. This includes \$10,000 in contingency that will only be used with SFB staff approval.
4. Board approval of the staff recommendation that **Casa Grande Elementary** be awarded \$8,500 in Building Renewal Grant funding to repair/replace the sewer ejection system on Building 1008 at Evergreen Elementary School. This includes \$547 in contingency that will only be used with SFB staff approval.
5. Board approval of the staff recommendation that **Casa Grande Elementary** be awarded \$4,750 in Building Renewal Grant funding to replace the VFD on the HVAC system on Building 1011 at Casa Grande Middle School. This includes \$311 in contingency that will only be used with SFB staff approval.
6. Board approval of the staff recommendation that **Casa Grande Elementary** be awarded \$1,500 in Building Renewal Grant funding to replace the VFD on the HVAC system on Building 1003 at Evergreen Elementary School. This includes \$601 in contingency that will only be used with SFB staff approval.

7. Board approval of the staff recommendation that **Casa Grande Elementary** be awarded \$2,000 in Building Renewal Grant funding to replace a VFD on the HVAC system on Building 1002 at Saguaro Elementary School. This includes \$196 in contingency that will only be used with SFB staff approval.
8. Board approval of the staff recommendation that **Hyder Elementary** be awarded \$5,000 in Building Renewal Grant funding to replace 14 dual-pane windows on Building 1013 at Dateland Elementary School. This includes \$600 in contingency that will only be used with SFB staff approval.
9. Board approval of the staff recommendation that **Isaac Elementary** be awarded \$15,000 in Building Renewal Grant funding to replace the intercom system at Mitchell Elementary School. This includes \$3,506 in contingency that will only be used with SFB staff approval.
10. Board approval of the staff recommendation that **Mesa Unified** be awarded \$21,500 in Building Renewal Grant funding to restore the auditorium roof on Building 1016 at Carson Junior High School. This includes \$3,300 in contingency that will only be used with SFB staff approval.
11. Board approval of the staff recommendation that **Palo Verde Elementary** be awarded \$11,000 in Building Renewal Grant funding for replacement of the HVAC system on Building 1011 at Palo Verde Elementary School. This includes \$1,500 in contingency that will only be used with SFB staff approval.
12. Board approval of the staff recommendation that **Payson Unified** be awarded \$3,000 in Building Renewal Grant funding to replace the kitchen fire suppression system in Building 1019 at Payson High School. This includes \$326 in contingency that will only be used with SFB staff approval.
13. Board approval of the staff recommendation that **Pine Strawberry Elementary** be awarded \$70,900 in Building Renewal Grant funding for the design and construction to replace the basketball court. This includes \$6,000 in contingency that will only be used with SFB staff approval.

Ward Simpson seconded. The motion passed with a voice vote of 7-0.

The Board recessed for a five minute break at 11:34 A.M.

The Board reconvened at 11:39 A.M.

- e. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests (construction awards)
Dean Gray provided a brief explanation of the requests as presented in the Board packet. The Board discussed various aspects of the projects.

Vern Crow made a motion for Board approval of the following staff recommendations:

1. Board approval of the staff recommendation that **Scottsdale Unified** be awarded \$4,900 in Building Renewal Grant funding to repair a refrigerant leak on a 500-ton chiller that services all buildings at Arcadia High School. This includes \$315 in contingency that will only be used with SFB staff approval.
2. Board approval of the staff recommendation that **Scottsdale Unified** be awarded \$10,000 in Building Renewal Grant funding to repair the chiller compressor at Desert Mountain High School. This includes \$4,415 in contingency that will only be used with SFB staff approval.
3. Board approval of the staff recommendation that **Scottsdale Unified** be awarded \$8,000 in Building Renewal Grant funding to repair the condenser pump at Desert Mountain High School. This includes \$141 in contingency that will only be used with SFB staff approval.
4. Board approval of the staff recommendation that **Scottsdale Unified** be awarded \$2,500 in Building Renewal Grant funding to replace a section of closed loop piping on Gymnasium Building 1008 at Desert Mountain High School. This includes \$112 in contingency that will only be used with SFB staff approval.
5. Board approval of the staff recommendation that **Scottsdale Unified** be awarded \$1,387 in Building Renewal Grant funding to provide a 2-ton split system that services Building 1008 at Tonalea Elementary School.
6. Board approval of the staff recommendation that **Scottsdale Unified** be awarded \$15,000 in Building Renewal Grant funding to replace the filter power module on chiller #2 that services all buildings at Saguaro High School. This includes \$796 in contingency that will only be used with SFB staff approval.
7. Board approval of the staff recommendation that **Sentinel Elementary** be awarded \$18,000 in Building Renewal Grant funding for the roof replacement on Building 1009 at Sentinel Elementary School. This includes \$4,000 in contingency that will only be used with SFB staff approval.
8. Board approval of the staff recommendation that **Snowflake Unified** be awarded \$2,500 in Building Renewal Grant funding to repair the fire alarm and suppression system in Building 1005 at Highland Primary School. This includes \$228 in contingency that will only be used with SFB staff approval.
9. Board approval of the staff recommendation that **Snowflake Unified** be awarded \$4,000 in Building Renewal Grant funding to replace/repair the various fire suppression system components at Snowflake High School. This includes \$131 in contingency that will only be used with SFB staff approval.

10. Board approval of the staff recommendation that **Snowflake Unified** be awarded \$1,636 in Building Renewal Grant funding to repair the fire suppression system on Buildings 1004 and 1007 at Snowflake Junior High School. This includes \$200 in contingency that will only be used with SFB staff approval.
11. Board approval of the staff recommendation that **Snowflake Unified** be awarded \$2,000 in Building Renewal Grant funding to replace five pull stations and reprogram the fire alarm system in Buildings 1004 and 1006 at Taylor Elementary School. This includes \$416 in contingency that will only be used with SFB staff approval.
12. Board approval of the staff recommendation that **Snowflake Unified** be awarded \$2,000 in Building Renewal Grant funding to repair the kitchen fire suppression system in Building 1001 at Taylor Intermediate School. This includes \$381 in contingency that will only be used with SFB staff approval.
13. Board approval of the staff recommendation that **Tolleson Elementary** be awarded \$2,876 in Building Renewal Grant funds for the replacement of a compressor in the HVAC unit serving classroom 326 in Building 1001 at Sheely Farms Elementary School. This includes \$500 in contingency that will only be used with SFB staff approval.
14. Board approval of the staff recommendation that **Valley Union** be awarded \$2,900 in Building Renewal Grant funding for the repair of the well at Valley Union High School. This includes \$300 in contingency that will only be used with SFB staff approval.
15. Board approval of the staff recommendation that **Vernon Elementary** be awarded \$1,000 in Building Renewal Grant funding to repair the wooden trim and paint Building 1002 at Vernon Elementary School. This includes \$230 in contingency that will only be used with SFB staff approval.

Ward Simpson seconded. The motion passed with a voice vote of 7-0.

f. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests (construction awards)

Dean Gray provided a brief explanation of the requests as presented in the Board packet.

Dr. Jeff Smith recused himself from the Board at this time.

Ward Simpson made a motion for Board approval of the following staff recommendation:

1. Board approval of the staff recommendation that **Balsz Elementary** be awarded \$89,900 in Building Renewal Grant funding for the replacement of the fire alarm system at Balsz Elementary School. This includes \$8,183 in contingency that will only be used with SFB staff approval.

Tom Rushin seconded. The motion passed with a voice vote of 6-0.

Dr. Smith rejoined the meeting at this time.

Tom Rushin recused himself from the Board at this time.

Vern Crow made a motion for Board approval of the following staff recommendation:

2. Board approval of the staff recommendation that **Yuma Elementary** be awarded \$2,000 in Building Renewal Grant funding to replace the HVAC compressor on Building 1008 at James B. Rolle Elementary School. This includes \$123 in contingency that will only be used with SFB staff approval.

Traci Sawyer-Sinkbeil seconded. The motion passed with a voice vote of 6-0.

Tom Rushin rejoined the Board at this time.

- g. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests (design awards)

Dean Gray provided a brief explanation of the requests as presented in the Board packet.

Vern Crow recused himself from the Board at this time.

Dr. Jeff Smith made a motion for Board approval of the following staff recommendation:

3. Board approval of the staff recommendation that **Crane Elementary** be awarded \$4,950 in Building Renewal Grant funding for design, construction bid documents, structural evaluation and construction administration services for the replacement or repair of the sewer line and grease trap that services Building 1001 at Crane Middle School.

Tom Rushin seconded. The motion passed with a voice vote of 6-0.

Vern Crow rejoined the meeting at this time.

Traci Sawyer-Sinkbeil recused herself from the Board at this time.

Ward Simpson made a motion for Board approval of the following staff recommendation:

7. Board approval of the staff recommendation that **Dysart Unified** be awarded \$28,637 in Building Renewal Grant funding for design, construction bid documents, structural evaluation and construction administration services for the roof repair/restoration on Buildings 1001, 1005 and 1006 at Dysart Elementary School.

8. Board approval of the staff recommendation that **Dysart Unified** be awarded \$17,587 in Building Renewal Grant funding for design, construction bid documents, structural evaluation and construction administration services for the repair/restoration on Buildings 1007, 1008 and 1009 at El Mirage School.

Vern Crow seconded. The motion passed with a voice vote of 6-0.

Traci Sawyer-Sinkbeil rejoined the meeting at this time.

Vern Crow made a motion for Board approval of the following staff recommendation:

1. Board approval of the staff recommendation that **Ash Creek Elementary** be awarded \$9,952 in Building Renewal Grant funding for the design and assessment to repair the sidewalks at Ash Creek Elementary School.
2. Board approval of the staff recommendation that **Cave Creek Unified** be awarded \$10,300 in Building Renewal Grant funding for engineering services to replace the HVAC heating loop at the Fine Arts Center.
3. This item was voted on earlier in the meeting.
4. Board approval of the staff recommendation that **Douglas Unified** be awarded \$6,526 in Building Renewal Grant funding for the design and assessment to repair the masonry wall cracks in Buildings 1001 and 1002 at Ray Borane Middle School.
5. Board approval of the staff recommendation that **Douglas Unified** be awarded \$8,462 in Building Renewal Grant funding for the design services to replace two boilers in Building 1015 at Douglas High School.
6. Board approval of the staff recommendation that **Douglas Unified** be awarded \$11,368 in Building Renewal Grant funding for design of the replacement of the clay tile roof on Building 1011 at Douglas High School.
7. This item was voted on earlier in the meeting.
8. This item was voted on earlier in the meeting.
9. Board approval of the staff recommendation that **Paradise Valley Unified** be awarded \$8,850 in Building Renewal Grant funding for design, construction bid documents, structural evaluation and construction administration services for the replacement of the cooling tower at Palomino II Intermediate School. The district will contribute \$7,000 to the cost of construction.

Ward Simpson seconded. The motion passed with a voice vote of 7-0.

- h. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests (design awards)

Dean Gray provided a brief explanation of the requests as presented in the Board packet.

Tom Rushin made a motion for Board approval of the following staff recommendation:

1. Board approval of the staff recommendation that **Payson Unified** be awarded \$5,700 in Building Renewal Grant funding for design, construction bid documents, structural evaluation and construction administration services to replace a heater unit on Building 1001 at Rim Country Middle School.
2. Board approval of the staff recommendation that **Show Low Unified** be awarded \$5,250 in Building Renewal Grant funding for design, construction bid documents, structural evaluation and construction administration services to replace a heater on Building 1001 at Nikolaus Homestead Elementary School.
3. Board approval of the staff recommendation that **Snowflake Unified** be awarded \$29,950 in Building Renewal Grant funding for design, construction bid documents, structural evaluation and asbestos survey for the replacement of the roofs on Buildings 1002 and 1007 at Snowflake Junior High School.
4. Board approval of the staff recommendation that **Sonoita Elementary** be awarded \$10,000 in Building Renewal Grant funding for engineering to replace the HVAC systems on Buildings 1001, 1002 and 1008 at Elgin Elementary School.
5. Board approval of the staff recommendation that **Valley Union** be awarded \$10,840 in Building Renewal Grant funding for the design services to replace the shingle roof on Building 1005 at Valley Union High School.

Dr. Jeff Smith seconded. The motion passed with a voice vote of 7-0.

VII. Emergency Deficiencies Correction Requests

a. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests (design awards)

Dean Gray provided a brief explanation of the request as presented in the Board packet. The Board discussed various aspects of the request.

Dr. Jeff Smith recused himself from the Board at this time.

Vern Crow made a motion for Board approval of the following staff recommendation:

Board approval of the staff recommendation that **Balsz Elementary** be awarded \$7,412 in Emergency Deficiencies Correction funding for the investigation to repair the chilled water loop system at David Crockett Elementary School.

Ward Simpson seconded. The motion passed with a voice vote of 6-0.

Dr. Smith rejoined the Board at this time.

b. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests (construction awards)

Dean Gray provided a brief explanation of the request as presented in the Board packet. The Board discussed various aspects of the request.

Ms. Kim Randall, Superintendent of Cedar Unified, clarified that while the Building Inventory shows 25 buildings, most of which are additions to existing buildings, there are actually six buildings on the campus.

Ward Simpson made a motion for Board approval of the following staff recommendation:

Board approval of the staff recommendation that **Cedar Unified** be awarded \$66,000 in Emergency Deficiencies Correction funding to repair the chiller system at Jeddito School. This includes \$6,000 in contingency that may only be used with SFB staff approval and brings the total project cost to \$123,000.

Tom Rushin seconded. The motion passed with a voice vote of 7-0.

VIII. Future Agenda Items

Dr. Jeff Smith requested information on the new Arizona Public School Achievement District (SB1476).

IX. Public Comment

There were no requests for public comment.

X. Adjournment

There being no further business, Jennifer Stielow adjourned the meeting at approximately 12:24 P.M.

Approved by the School Facilities Board on _____, 2015

Chair

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: May 6, 2015

Agenda Item IV.a.

**Subject: IV. Director's Report (action of the Board may be requested)
a. 2015 Refunding Resolution**

Dean Gray will provide an overview of the 2015 Refunding Resolution.

Board Action Requested: information action / described below

Board approval of the 2015 Refunding Resolution as presented in the Board packet.

Attachments: Yes No

RESOLUTION

Resolution providing for the refinancing of certain payment obligations relating to lease-to-own transactions that financed new school facilities

IT IS RESOLVED by the Arizona School Facilities Board (the “Board”) as follows:

SECTION 1. Findings and Determinations by the Board. The Board finds and determines as follows:

(a) Pursuant to Section 15-2004 of the Arizona Revised Statutes and other enactments of the Arizona Legislature, the Board has entered into lease-to-own transactions in order to fulfill the requirements of Section 15-2041 of the Arizona Revised Statutes for expenditures from the new school facilities fund, and has entered into Lease-to-Own Agreements dated as of January 1, 2003, September 1, 2003, August 1, 2004, November 1, 2008, and October 1, 2010, as supplemented (the “Existing Leases”) for that purpose, as set forth in more detail in Exhibit A.

(b) In connection with the execution and delivery of the Existing Leases, irrevocable trusts were created and certificates of participation (the “Existing Certificates”) were sold to obtain moneys for expenditures from the new school facilities fund and to refinance prior certificates sold for that purpose. The Existing Certificates relating to each Existing Lease represent proportionate interests in the lease payments to be made pursuant to that Existing Lease. The Existing Certificates were created pursuant to the provisions set forth in Declarations of Irrevocable Trust, as supplemented (the “Existing Declarations”) relating to each Existing Lease, as set forth in more detail in Exhibit A.

(c) The Fifty-second Legislature, First Regular Session, by Chapter 15 (Senate Bill 1476), Section 16, has authorized the Board to enter into a refinancing or refunding agreement in fiscal year 2015-2016 that reduces the Board’s lease-purchase payments by a combined total of at least \$7,000,000 in fiscal years 2015-2016 through 2023-2024, provided that the lease-purchase payment reductions do not vary by more than \$1,000,000 in any single fiscal year during such period.

(d) The Board now wishes to refinance a portion of its payment obligations under one or more of the Existing Leases for the purpose of achieving the savings specified. In order to refinance portions of the amounts to become due under the Existing Leases, the trustee under the Existing Declarations will execute and deliver refunding certificates of participation (the “Refunding Certificates”), each evidencing an undivided proportionate interest in the related Existing Lease, as supplemented as described below, and the lease payments to be made by the Board.

(e) The Board by this Resolution will authorize the refinancing of portions of its lease payment obligations under the Existing Leases through the execution, sale and delivery of the Refunding Certificates, the use of the proceeds of the Refunding Certificates to provide for payments on certain Existing Certificates (the “Certificates Being Refunded”), and the execution

of supplements to one or more of the Existing Leases and the Existing Declarations to reflect the sale of the Refunding Certificates and the defeasance of the Certificates Being Refunded and to pay transaction costs.

(f) To implement the refinancing of certain of the Board's payment obligations under the Existing Leases:

(1) The trustee and the Board will enter into supplements to one or more of the Existing Leases (the "Lease Supplements" and, together with the Existing Leases, the "Leases"), under which the Board will agree to make lease payments, subject to the Arizona Legislature making appropriations for that purpose, sufficient to make payment of principal and interest represented by the Refunding Certificates and the Existing Certificates remaining outstanding under the Existing Declarations after the defeasance of the Certificates Being Refunded.

(2) The trustee will execute supplements to the Existing Declarations (the "Declaration Supplements" and, together with the Existing Declarations, the "Declarations"), providing for the defeasance of the Certificates Being Refunded and creating trusts consisting of the trustee's right, title, and interest in and to the Existing Leases as supplemented and the lease payments to be made by the Board with respect to projects financed and refinanced by the Refunding Certificates and the Existing Certificates remaining outstanding under the Declarations after the defeasance of the Certificates Being Refunded. The trusts are created for the benefit of the owners of the Certificates of Participation executed and delivered pursuant to the Existing Declarations, including the Refunding Certificates authorized to be issued pursuant to this Resolution. Proceeds of the sale of the Refunding Certificates will be deposited with the trustee and used to provide for the payment of the Certificates Being Refunded and to pay transaction costs associated with the execution, delivery and sale of the Refunding Certificates. The Refunding Certificates will represent and evidence proportionate interests of the owners of the Refunding Certificates in the lease payments to be made by the Board pursuant to the Leases related to the Refunding Certificates and all other interests in the trusts created by the Declarations.

(3) One or more underwriting firms approved by an Authorized Officer (the "Original Purchasers") will purchase the Refunding Certificates upon the proposed terms and conditions set forth in a Certificate Purchase Agreement (the "Certificate Purchase Agreement"), among the Board, the trustee and the Original Purchasers.

(g) In connection with the refinancing, there will be prepared the following documents:

(1) The Lease Supplements and Declaration Supplements.

(2) A Preliminary Official Statement to be distributed in connection with the offering and sale of the Refunding Certificates (the "Preliminary Official Statement") and which, upon the incorporation of the final terms of the Refunding Certificates will constitute the form of final Official Statement to be used in connection with the sale of the Refunding Certificates (the "Official Statement").

(3) A Certificate Purchase Agreement for the Refunding Certificates in substantially the form of the corresponding document for the Existing Certificates.

(4) A form of Continuing Disclosure Undertaking (the “Continuing Disclosure Undertaking”) of the Board with respect to the Refunding Certificates.

SECTION 2. Authorization to Approve, Sign, and Deliver Documents and Take Actions. The Chair of the Board, the Vice Chair of the Board, the Executive Director and the Deputy Director - Finance (each an “Authorized Officer”) are each authorized and directed to sign and deliver in the name and on behalf of the Board, and to cause the Board to perform its respective obligations under, the Lease Supplements, the Certificate Purchase Agreement, and the Continuing Disclosure Undertaking and such other agreements, instruments, and documents as are contemplated by those documents and by this Resolution (collectively, the “Board Documents”), with such changes, additions, and deletions as any Authorized Officer may approve or deem necessary, appropriate or advisable to carry out the purposes and intent of this Resolution, and to perform all other acts that may be necessary in connection with the transactions contemplated by the Board Documents and by this Resolution. The Authorized Officers, and each of them acting alone, are authorized and directed, in the name and on behalf of the Board, to take or cause to be taken any and all further actions and to sign and deliver, or cause to be signed and delivered, all such further agreements and such further documents, certificates, and undertakings, and to incur all such fees and expenses, as in their judgment shall be necessary, appropriate or advisable to carry into effect the purposes and intent of this Resolution and the transactions contemplated by this Resolution. Without limiting the generality of the foregoing, the Authorized Officers, and each of them acting alone, are authorized and directed, in the name and on behalf of the Board, to approve the execution and delivery by the Trustee of the Lease Supplements, the Declaration Supplements, and the Certificate Purchase Agreement and such other agreements, instruments and documents as are contemplated by those documents and by this Resolution to be executed and delivered by the trustee (collectively, the “Trustee Documents”), with such changes, additions, and deletions as any Authorized Officer may approve or deem necessary, appropriate or advisable to carry out the purposes and intent of this Resolution. For purposes of this Resolution, Executive Director means the Executive Director of the Board or, in the event there is no Executive Director, any other Authorized Officer.

SECTION 3. Approval of Issuance of Certificates. It is hereby declared to be necessary and the Board hereby requests the trustee to issue, sell, and deliver, as authorized and provided in this Resolution, the Refunding Certificates in an aggregate principal amount sufficient (a) to provide for the payment of the Certificates Being Refunded in such manner as to reduce the Board’s lease-purchase payments by a combined total of at least \$7,000,000 in fiscal years 2015-2016 through 2023-2024, provided that the lease-purchase payment reductions do not vary by more than \$1,000,000 in any single fiscal year during this period and (b) to pay transaction costs related to the Refunding Certificates, including, if and to the extent necessary as determined by an Authorized Officer, interest on the Refunding Certificates until the commencement of appropriated lease payments with respect to the Refunding Certificates. The actual amount is to be the amount set forth in the Lease Supplements and the Certificate Purchase Agreement as signed and delivered on behalf of the Board, determined on the basis of the amount required for

the purposes for which the Refunding Certificates are issued and the amount of any original issue discount or premium.

SECTION 4. Terms and Provisions Applicable to the Refunding Certificates.

(a) The Refunding Certificates shall bear interest at fixed interest rates such that the yield on the Refunding Certificates or any issue thereof for purposes of the federal income tax law arbitrage rules does not exceed six percent (6.00%) per annum. Interest shall be payable on March 1 and September 1 of each year or such other dates as may be determined by the Executive Director and specified in the Lease Supplements and Certificate Purchase Agreement as executed and delivered on behalf of the Board. The Refunding Certificates shall be issued in fully registered form in denominations not smaller than \$5,000.

(b) The Refunding Certificates shall be dated, and shall mature as to principal on such interest payment dates in such amounts, as may be determined by the Executive Director and specified in the Lease Supplements and Certificate Purchase Agreement as executed and delivered on behalf of the Board.

(c) As determined by the Executive Director and specified in the Lease Supplements and Certificate Purchase Agreement as executed and delivered on behalf of the Board, the Refunding Certificates shall either not be subject to optional redemption prior to maturity, or be subject to optional redemption prior to maturity at the option of the Board, at any time on or after the earliest optional redemption date specified in the applicable Certificate Purchase Agreement, in whole or in part in any order of maturities or combination of maturities at the redemption price or prices (expressed as a percentage of the principal amount redeemed) specified in the Certificate Purchase Agreement, but not exceeding 103%, plus accrued interest to the date fixed for redemption. The Executive Director may determine whether any of the Refunding Certificates shall be term Certificates subject to mandatory sinking fund redemption, and the dollar amount and the years in which such term Certificates shall be subject to mandatory sinking fund redemption at a price of 100% of the principal amount redeemed plus interest accrued to the redemption date, as specified in the Certificate Purchase Agreement as executed and delivered on behalf of the Board.

(d) The Refunding Certificates shall have such other provisions as set forth in the forms of the Board Documents and the Trustee Documents, with such changes, additions, and deletions consistent with this Resolution as shall be approved by the Authorized Officer or Officers signing and delivering the Board Documents and approving the execution and delivery by the trustee of the Trustee Documents.

SECTION 5. Authorization of Sale of Certificates. The negotiated sale of the Refunding Certificates to the Original Purchasers is hereby authorized and approved in accordance with the provisions of the form of Certificate Purchase Agreement, with such changes, additions, and deletions consistent with this Resolution as shall be approved by the Authorized Officer signing and delivering the same. The purchase price must be not less than the aggregate stated principal amount of the Refunding Certificates less any original issue discount times 0.97, plus any interest accrued on current interest Refunding Certificates from the date of the Refunding

Certificates to their delivery date. The original issue discount, if any, shall not exceed in the aggregate 10% with respect to the Refunding Certificates.

SECTION 6. Official Statement.

(a) The Executive Director and any other Authorized Officer are each authorized and directed to prepare or authorize to be prepared, and to complete, a Preliminary Official Statement and final Official Statement relating to the original issuance of the Refunding Certificates, with such changes, additions, and deletions consistent with this Resolution as shall be approved by the Authorized Officer. If and to the extent applicable, an Authorized Officer shall certify or otherwise represent that the preliminary official statement, in original or revised form, is a “deemed final” official statement (except for permitted omissions) of the Board as of a particular date and that a completed version is a “final” official statement for purposes of Rule 15c2-12 adopted by the Securities and Exchange Commission pursuant to the Securities Exchange Act of 1934 (the “Disclosure Rule”). The distribution and use of that preliminary official statement and final official statement by the Board and the Original Purchasers is hereby authorized and approved.

(b) The Executive Director and any other Authorized Officer are each further authorized to use and distribute, or authorize the use and distribution of, the preliminary and final official statement and any supplements in connection with the original issuance of the Refunding Certificates as may be necessary or appropriate, and to sign and deliver, on behalf of the Board, such certificates in connection with the accuracy of the preliminary and final official statements and any amendment thereto as may be necessary or appropriate.

SECTION 7. Continuing Disclosure. If and to the extent required by the Disclosure Rule, the Board, for the benefit of the beneficial owners of the Refunding Certificates, shall make one or more continuing disclosure undertakings to assist each “participating underwriter” (within the meaning of the Disclosure Rule) in complying with its obligations under the Disclosure Rule in the form of the Continuing Disclosure Undertaking, with such changes, additions, and deletions consistent with this Resolution as shall be approved by the Executive Director or other Authorized Officer signing and delivering the Continuing Disclosure Undertaking. The Executive Director shall have the responsibility for the compliance by the Board with the continuing disclosure undertakings, and shall establish procedures in order to ensure that compliance.

SECTION 8. Appointment of Trustee. The Executive Director is authorized to appoint a bank or trust company to serve as trustee with respect to the Refunding Certificates. The trustee is authorized and requested to sign and deliver the Trustee Documents at the direction of an Authorized Officer.

SECTION 9. Tax Matters. The Executive Director or any other Authorized Officer is authorized to (a) make or effect any election, selection, designation, choice, consent, approval or waiver on behalf of and in the name of the Board with respect to the Refunding Certificates as the Board is permitted to make or give under the federal income tax laws, including, without limitation, any of the elections provided for in Section 148(f)(4)(C) of the Code or available under Section 148 of the Code, for the purpose of assuring, enhancing or protecting favorable tax

treatment or status of the Refunding Certificates or interest on them or assisting compliance with requirements for that purpose, reducing the burden or expense of such compliance, reducing the rebate amount or payments of penalties, or making payments of special amounts in lieu of making computations to determine, or paying, excess earnings as rebate, or obviating those amounts or payments; (b) take any and all other actions, make or obtain calculations, make payments, and make or give reports, covenants and certifications of and on behalf of the Board, as may be appropriate to assure the exclusion of interest from gross income and the intended tax status of the Refunding Certificates; and (c) give one or more appropriate certificates, for inclusion in the transcript of proceedings for the Refunding Certificates, setting forth the reasonable expectations of the Board regarding the amount and use of all the proceeds of the Refunding Certificates, the facts, circumstances, and estimates on which they are based, and other facts and circumstances relevant to the tax treatment of the interest on and the tax status of the Refunding Certificates.

SECTION 10. Authorization for Credit Support Instruments. The Executive Director or any other Authorized Officer, in connection with the original issuance of the Refunding Certificates, are authorized to contract for one or more credit support instruments, and to pay the costs of them from proceeds of the Refunding Certificates or other moneys of the Board, if the credit support instrument or instruments will result in a savings in financing costs to the Board. If the Executive Director or any other Authorized Officer determines that one or more credit support instruments will result in savings in the cost of financing to the Board, any Authorized Officer is authorized to complete, sign, and deliver, on behalf of the Board, appropriate agreements with credit and liquidity support instrument providers (either in separate agreements or in the Declaration Supplement), concerning matters customary to be covered by such agreements, including, without limitation, any of the following: (a) the terms of the credit or liquidity support instrument and the amounts to be paid for it, (b) procedures for payments pursuant to the credit or liquidity support instrument and reimbursement of amounts advanced, including subrogation of the provider to the rights of owners of Certificates receiving payment from moneys furnished by the provider, (c) voting rights, (d) remedies, (e) notices and providing of information, and (f) permitted investments of moneys with respect to the Refunding Certificates. If one or more credit or liquidity support instruments are obtained with respect to any of the Refunding Certificates, the provider of a credit or liquidity support instrument may be deemed to be the owner of the Refunding Certificates supported for purposes of demands, requests, consents, waivers or other actions by owners of the Refunding Certificates so long as the provider has not failed to comply with its obligations.

SECTION 11. General Ratification and Approval. All actions of the officers, directors, and agents of the Board which are in conformity with the purposes and intent of this Resolution and in furtherance of the issuance and sale of the Refunding Certificates as contemplated by this Resolution and the documents referred to in this Resolution, whether previously or hereafter taken, are hereby ratified, confirmed, and approved. The proper officers, directors and agents of the Board are hereby authorized and directed to do all such acts and things and to sign, acknowledge, and deliver all such documents on behalf of the Board as may be deemed necessary or desirable to carry out the terms and intent of this Resolution and of any of the documents referred to in this Resolution. Any Authorized Officer is authorized to sign and deliver from time to time on behalf of the Board such documents, including documents amendatory and supplementary to the documents referred to in this Resolution, as may, in

accordance with the terms of the documents, be signed and delivered without consent of the owners of the Refunding Certificates.

SECTION 12. Effective Date. This Resolution shall take effect on July 3, 2015.

The foregoing Resolution was passed and adopted by the Arizona School Facilities Board on May 6, 2015.

Chair

EXHIBIT A

Arizona School Facilities Board
Existing Lease-to-Own Certificates of Participation

	<u>Series</u>	<u>Original Principal Amount</u>	<u>Declaration of Trust and Lease-to-Own Agreement Date</u>	<u>Declaration Supplement and Lease Supplement Date</u>	<u>Remaining Maturities (September 1)</u>
1.	2005A-1 (refunding)	\$201,125,000	January 1, 2003	March 1, 2005	2015
2.	2005A-2 (refunding)	\$ 80,055,000	September 1, 2003	March 1, 2005	2015
3.	2005A-3 (refunding)	\$ 53,045,000	August 1, 2004	March 1, 2005	2015
4.	2008	\$580,035,000	November 1, 2008	November 1, 2008	2015-2023
5.	2010A-1 (refunding)	\$ 11,100,000	September 1, 2003	August 1, 2010	2018-2019
6.	2010A-2 (refunding)	\$ 10,100,000	August 1, 2004	August 1, 2010	2018-2019
7.	2010A-3 (refunding)	\$ 37,685,000	November 1, 2008	August 1, 2010	2018-2019
8.	2010	\$ 91,325,000	October 1, 2010	October 1, 2010	2027
9.	2013A-1 (refunding)	\$ 29,945,000	September 1, 2003	December 1, 2013	2016 and 2019
10.	2013A-2 (refunding)	\$ 49,605,000	August 1, 2004	December 1, 2013	2015, 2017 and 2018
11.	2014A-1 (refunding)	\$110,695,000	January 1, 2003	June 1, 2014	2015-2017
12.	2014A-2 (refunding)	\$60,390,000	September 1, 2003	June 1, 2014	2016 and 2018
13.	2014A-3 (refunding)	\$55,040,000	August 1, 2004	June 1, 2014	2016 and 2019

Certificates of Participation Series secured by same properties in same trust:

1. 2005A-1 and 2014A-1
2. 2005A-2, 2010A-1, 2013A-1 and 2014A-2
3. 2005A-3, 2010A-2, 2013A-2 and 2014A-3
4. 2008 and 2010A-3
5. 2010

State of Arizona
School Facilities Board
Certificates of Participation
Potential 2015 Refunding Information

Grant Hamill, Managing Director
ghamill@stifel.com
602-794-4006

Randie Stein, Director
rstein@stifel.com
602-794-4002

Sandra Park, Vice President
spark@stifel.com
602-794-4010

STIFEL

April 1, 2015

Topics

Laws 2015, Chapter 15 (SB 1476)

Overview of Certificates of Participation

Potential Refunding Savings

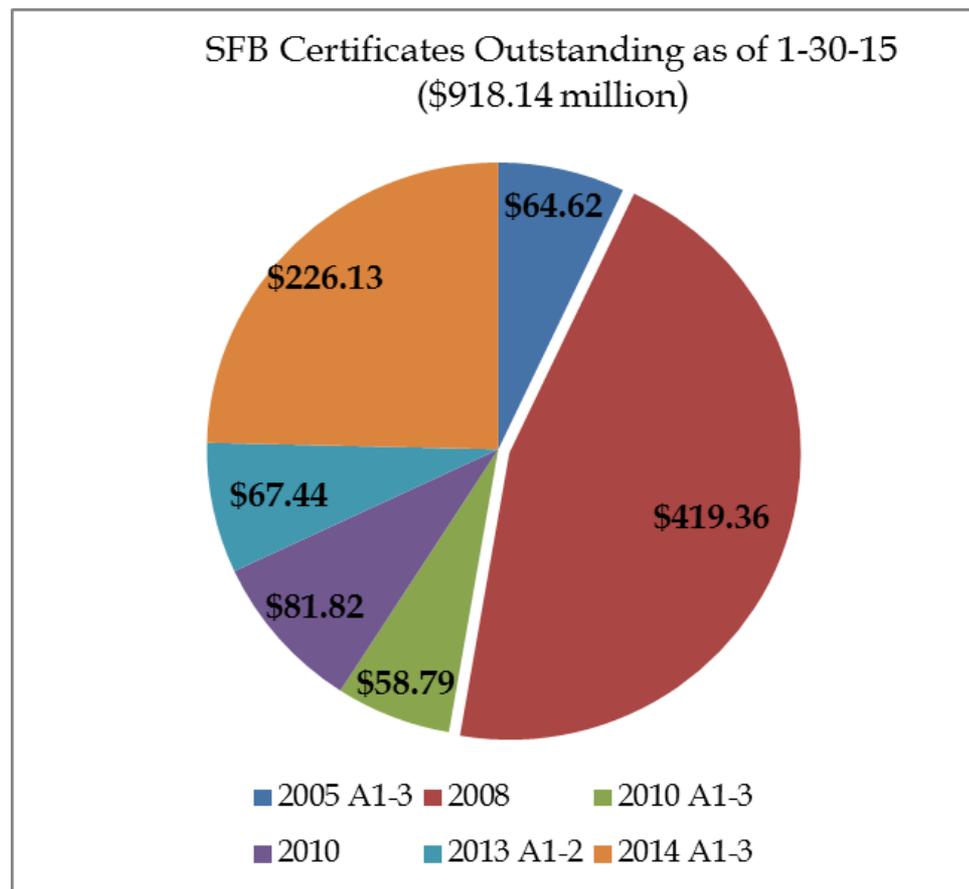
Transaction Timing Overview

DISCLOSURE

Pursuant to revised MSRB Rule G-23, a broker, dealer, or municipal securities dealer is prohibited from acting as a Financial Advisor, as defined in Section 15B of the Exchange Act of 1934 (as amended), to an issuer for a particular issue sold on a negotiated or competitive bid basis and subsequently switching roles to act as underwriter or placement agent with respect to the same issue. In compliance with the rules set forth by the MSRB, Stifel, Nicolaus & Company, Incorporated is acting as a Financial Advisor in connection with all services proposed and/or provided to Issuer herein. As such, Stifel will provide financial advisory or consultant services including advice and other assistance regarding the structure, timing, terms and other similar matters concerning the issuance. Stifel, Nicolaus & Company, Incorporated is declaring that it has done so within the regulatory framework of MSRB Rule G-23 as a financial advisor, as defined therein, and not an underwriter to the issuer for this proposed issuance of municipal securities.

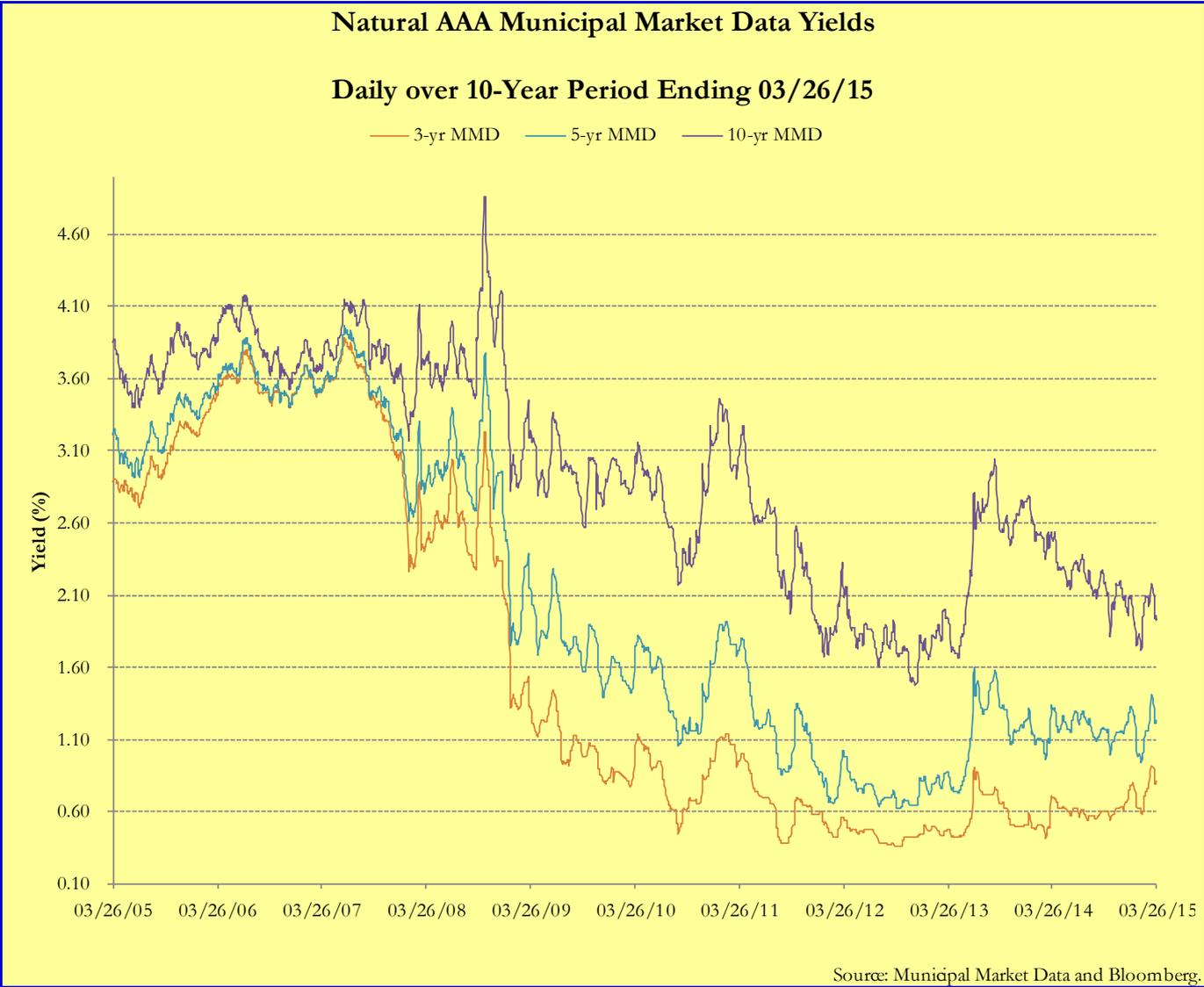
- Authorizes SFB to enter into refinancing in FY 2015-16
- Requires minimum \$7,000,000 reduction in lease-purchase payments
- Requires level savings structure
- Requires prior submittal of proposed terms to JCCR
- Legislation effective 90 days after sine die

Series	Outstanding	As % of COP
2005 A-1 (Ref)	\$47,495,000	5.17%
2005 A-2 (Ref)	\$16,900,000	1.84%
2005 A-3 (Ref)	\$220,000	0.02%
2008	\$419,360,000	45.67%
2010 A-1 (Ref)	\$11,100,000	1.21%
2010 A-2 (Ref)	\$10,000,000	1.09%
2010 A-3 (Ref)	\$37,685,000	4.10%
2010	\$81,820,000	8.91%
2013 A-1 (Ref)	\$27,920,000	3.04%
2013 A-2 (Ref)	\$39,515,000	4.30%
2014 A-1 (Ref)	\$110,695,000	12.06%
2014 A-2 (Ref)	\$60,390,000	6.58%
2014 A-2 (Ref)	\$55,040,000	5.99%
	\$918,140,000	100.00%



Maturity Date	Par Amount	Coupon	Call Date
9-1-19	\$9,200,000	5.000%	9-1-18
9-1-19	\$10,000,000	5.250%	9-1-18
9-1-19	\$26,995,000	5.750%	9-1-18
9-1-20	\$48,715,000	5.125%	9-1-18
9-1-21	\$10,350,000	5.375%	9-1-18
9-1-21	\$40,940,000	5.125%	9-1-18
9-1-22	\$25,000,000	5.750%	9-1-18
9-1-22	\$29,100,000	5.250%	9-1-18
9-1-23	\$26,670,000	5.500%	9-1-18
9-1-23	\$30,445,000	5.250%	9-1-18
Total	\$257,415,000		

	Low Savings Estimate	High Savings Estimate
Savings Configuration	Level	Level
Refunded Certificates Par	\$257,415,000	\$257,415,000
Refunding Certificates Par	\$296,900,000	\$297,800,000
All-In True Interest Cost	2.50%	2.00%
Estimated Annual Savings	\$890,000	\$1,870,000
Total Debt Service Savings	\$8,000,000	\$16,900,000
Net Present Value Savings	\$7,000,000	\$15,400,000
% Savings of Refunded Certificates	2.73%	5.96%



ACTIVITY	DATE
Legislature Sine Die	Early April
SFB Board Meeting to consider Resolution authorizing sale of Refunding Certificates of Participation	May 6
Underwriter Selection Process (from State Managing Underwriter Pool)	May 11 – May 29
Submittal of proposed terms to JCCR for review	TBD
Credit Rating Agency Calls/Presentations	Week of June 22
Disclosure Review Call	Week of June 29
General Effective Date for Legislation	Early July
Post Preliminary Offering Document for Investors	July 9
Price Refunding Certificates (subject to market conditions)	Week of July 20
Transaction Closing	Week of August 3

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: May 6, 2015

Agenda Item IV.b.

**Subject: IV. Director's Report (action of the Board may be requested)
b. Update on San Carlos Unified**

On April 1, 2015, the Board voted to approve San Carlos Unified's request to reduce square footage for grades 7-8. The former Junior High buildings had not been used by the district since 2010. There was a question regarding ownership of the buildings and the State's responsibility in the case of an emergency.

Staff followed up with the district and learned that five of the six buildings addressed on April 1, 2015, were never owned by the district; they had been leased from the local Tribe. The sixth building (Building 1008) is owned by the district and has been relocated to another site to be used as an alternative high school. This building will remain in the SFB inventory and could, therefore, qualify for Building Renewal Grant and Emergency Deficiencies Correction funding.

Board Action Requested: information action / described below

Attachments: Yes No

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: May 6, 2015

Agenda Item IV.c.

**Subject: IV. Director's Report (action of the Board may be requested)
c. New School Facilities Fund Terms and Conditions**

Staff is proposing changes to the New School Facilities Fund Terms and Conditions.

Staff Recommendation

Staff recommends Board approval of the proposed changes to the New School Facilities Fund Terms and Conditions as presented in the Board packet.

Board Action Requested: [] information [X] action / described below

Board approval of the proposed changes to the New School Facilities Fund Terms and Conditions as presented in the Board packet.

Attachments: Yes [X] No []

SCHOOL FACILITIES BOARD

Adopted: May 6, 1999

Modified: February 5, 2009, June 2, 2010, August 7, 2013

TERMS AND CONDITIONS FOR ACCEPTANCE OF MONIES FROM THE NEW SCHOOL FACILITIES FUND FOR ADDITIONAL SQUARE FOOTAGE

Name of School District:

CTD No.

Project Number:

1. PURPOSE OF TERMS AND CONDITIONS

These Terms and Conditions apply to the distribution of funds by the Arizona School Facilities Board ("Board") from the New School Facilities Fund, Arizona Revised Statutes, A.R.S. §15-2041("Fund"). Pursuant to A.R.S. §15-2041, these monies are being distributed to a school district ("District") for the purpose of constructing new school facilities. The Board shall distribute funds based upon the statutory requirements in A.R.S. §15-2041, the regulatory requirements in the Arizona Administrative Code, R7-6-501 through R7-6-506, and the SFB New Construction Policy. ~~For Fiscal Year 2014, funds will be distributed in accordance with 2013 Ariz. Sess. Law, Ch. 1, Sec.87 (House Engrossed HB 2001).~~

2. TERM OF TERMS AND CONDITIONS

The term of this Terms and Conditions shall begin on the date of the District's signature and shall continue until the Completion Report pursuant to Paragraph 4.3 is reviewed and approved by the Board.

2.1 ABANDONMENT OF PROJECT

A project is considered to be abandoned if it has not been successfully bid within three years of Board approval for the distribution of construction funds. In such an instance, any remaining unspent advanced monies received from the Board must be returned to the Board.

3. FINANCIAL CONDITIONS

The District will accept monies from the Fund in accordance with all applicable state statutes and rules, and will expend the funds in compliance with all provisions of such statutes and rules, including but not limited to, the following:

- a. Use of fiscal control and fund accounting procedures as prescribed in the Uniform System of Financial Records, which will insure proper disbursement of, and accounting for, monies paid to the District from the Fund;

- b. Compliance with the procurement rules adopted by the State Board of Education and the Arizona Procurement Code, as applicable;
- c. Compliance with all applicable state, federal, and local codes and laws related to buildings and building access, including permitting requirements of the Department of Environmental Quality for any construction project;
- d. Compliance with any applicable federal, state and local health or safety requirements.

3.1 UNIFORM SYSTEM OF FINANCIAL RECORDS

The District will maintain records as required by the Uniform System of Financial Records and provide access to those records to the Board as necessary to perform its duties. The District will cooperate with the Board or the Auditor General or any of their authorized representatives when audits are conducted as authorized by law. This cooperation includes access without unreasonable restrictions to the District's records and personnel for the purpose of obtaining relevant information.

3.2 USE OF SURPLUS FUNDS

If the final cost of the Project is less than the amount awarded by the Board based on the statutory formula prescribed amounts, the District may use the surplus monies only for capital purposes for the Project for up to one year after completion of the Project as authorized by A.R.S. §15-2041(I). If the surplus monies have not been expended within one year the District shall return the surplus monies to the Board for deposit in the Fund as required by A.R.S. §15-2041(I).

3.3 UNFORESEEN CONDITIONS

The District shall notify its School Facilities Liaison if any unforeseen conditions arise during Project implementation. The School Facilities Liaison will direct the District on how to proceed. The District must receive approval from the School Facilities Liaison to proceed if the unforeseen condition requires any change orders or will result in any changes in the contract value or contract scope.

3.4 LOCAL FUNDS

If the District intends to supplement the Project with additional funds, the District shall provide to the Board a resolution from the District's governing board setting forth the commitment of additional funding. The District governing board's resolution shall clearly indicate the amount being committed to the Project.

3.5 SCOPE OF WORK

The Board must approve any changes in the scope of the work of the Project. If changes in the scope of work are made without the Board's approval, the Board shall determine if the new scope of work satisfies the Project criteria for funding. If the Board determines that the new scope of work does not meet the criteria for funding, the Board

shall consider the Project abandoned. The District shall return any unspent monies to the Board, and reimburse the Fund for monies spent without proper authorization from the Board within thirty (30) days of being notified by the Board.

3.6 TITLE

The title to any real property purchased or improved with Fund monies shall remain with the District.

4. REPORTING REQUIREMENTS

The District will make reports to the Board as requested, and will cooperate with any evaluation of the project as required by the Board. All expenditures and projects are subject to audit. All construction and related contracts entered into by the District shall contain a clause that will permit the Board to audit the contract.

4.1 REQUIRED REVIEW MEETINGS

The District shall [meet with SFB staff at the SFB office intermittently, and shall](#) submit architectural plans and provide budget/project documents to the Board for review ~~at three intervals~~ [as follows](#);

- 1) Initial meeting to review Project documents and overall Project expectations;
- 2) First review at schematic design phase, with a list of budget criteria;
- 3) Second review at design development phase, with preliminary budget estimate;
- 4) Third review shall be a final submittal request for bid documents and budget review for acceptance by the full Board for funding approval.

The final review of bid documents must be received by the Board on or before four weeks from the date of the Board meeting presentation. At the time the architectural designs are submitted to staff for review, staff may recommend to the Board to decline to fund the project if the square footage is no longer required due to revised ADM projections as required by A.R.S. §15-2041 (E).

4.2 PUBLIC RECORD

Any application, report or plan, including school designs or architectural drawings relating to the funded Project in the possession of the District or its agents or designees is deemed a public record as defined by Arizona law.

4.3 COMPLETION REPORT

The District shall provide a completion report in a format prescribed by the Board, and shall maintain records for five years following the completion of the project, which show:

- a. The amounts received from the Fund;

- b. How the District spent the monies received from the Fund;
- c. The total cost of the Project;
- d. The share of the total cost provided from other sources;
- e. A list of all change orders that were approved for the Project.

5. INSURANCE REQUIREMENTS

For all Projects, the District must secure and/or require its general contractor to secure insurance coverage for purposes of general liability, property damage and workers' compensation and secure performance and payment bonds in accordance with the applicable legal requirements.

6. AUDIT OF RECORDS

Pursuant to A.R.S. §35-214 and §35-215, the District shall retain and shall contractually require each subcontractor to retain all data, books and other records ("records") relating to these Terms and Conditions for a period of five years after completion of these Terms and Conditions. All records shall be subject to inspection and audit by the State for five years after the termination of these Terms and Conditions.

7. AVAILABILITY OF FUNDS

Every payment obligation of the Board under these Terms and Conditions is conditioned upon the availability of funds appropriated or allocated for the payment of such obligations. If funds are not allocated and available for the continuance of the Project, these Terms and Conditions may be terminated by the Board at the end of the period for which funds are available. No liability shall accrue to the Board and/or the State of Arizona in the event this provision is exercised, and the Board and/or the State of Arizona shall not be obligated or liable for any future payments or for any damages as a result of termination under this paragraph.

8. RESOLUTION OF DISPUTES

The Parties to these Terms and Conditions agree to resolve all disputes arising out of or relating to these Terms and Conditions through arbitration, after exhausting applicable administrative review, to the extent required by A.R.S. §12-1518, except as may be required by other applicable statutes.

9. NON-DISCRIMINATION

The Parties shall comply with Executive Order 2009-09, which mandates that all persons, regardless of race, color, religion, sex, age, national origin or political affiliation, shall have

equal access to employment opportunities and all other applicable State and Federal employment laws, rules, and regulations, including the Americans with Disabilities Act. The Parties shall take affirmative action to ensure that applicants for employment and employees are not discriminated against due to race, creed, color, religion, sex, national origin or disability. However, Indian tribes are exempt from the definition of employer for both federal and State Civil Rights Acts.

10. FLOW-DOWN REQUIREMENTS

The District shall comply with requirements of applicable Federal, State and local laws, regulations, policy and guidance, and shall flow down the requirements of applicable Federal, State, and local laws, regulations, policy and guidance to contractors and subcontractors at any tier to the extent necessary to ensure compliance with the requirements.

The District shall comply with all laws, statutes, ordinances, rules, codes, regulations applicable to any school district.

11. PROJECT MANAGEMENT SERVICES

If the Applicant wishes to utilize the Board's funding for its use of a Project Management ("PM") firm, the Applicant shall first obtain approval from the Executive Director of the Board, and the cost of such assistance must fall within the allocated budget for the entire construction project as it is funded by the Board. If a school district uses its own project manager for new school construction pursuant to A.R.S. §15-2041 (K), the members of the school district governing board and the project manager shall sign an affidavit stating that the members and the project manager understand and will follow the minimum adequacy requirements prescribed in section §15-2011. There may be exceptions or circumstances under which some Applicants may receive additional monies for PM services; specifically, if the allocated monies do not allow the construction of a minimum guideline school and the Applicant demonstrates need for PM services to the Board.

12. TERMINATION

Each party shall have the right to terminate this Agreement prior to the beginning of construction by notifying the other party in writing of the termination at least thirty (30) days prior to the effective date of said termination. If the Agreement is terminated by the Board, the District shall be paid for all the allowable costs incurred prior to the date of termination. The payment of costs may be subject to audit verification by the Board or its duly authorized representative. If the Agreement is terminated by the District, the District shall be responsible for all Project costs incurred prior to the termination.

13. ASSIGNMENT AND DELEGATION

Neither party may assign any rights hereunder without the express, prior written consent of both parties.

14. CANCELLATION FOR CONFLICT OF INTEREST

The parties acknowledge that these Terms and Conditions are subject to the cancellation provisions set forth in A.R.S. §38-511.

15. ENTIRE AGREEMENT

These Terms and Conditions contain the entire understanding of the parties hereto. There are no representations or provisions other than those contained herein. Any amendment or modification of these Terms and Conditions shall be consistent with section 1 of these Terms and Conditions.

16. APPLICABLE LAW

These Terms and Conditions shall be governed and interpreted by the laws of the State of Arizona.

17. RECOVERY OF DAMAGES

To the fullest extent of the law, including pursuant to A.R.S. §15-2041(L), the Board may pursue the recovery of damages for deficiencies correction that resulted from alleged construction defects or design defects that the Board believes caused or contributed to a failure of a school building to conform to the [building minimum school facility](#) adequacy requirements prescribed in A.R.S. §15-2011.

18. THIRD PARTY ANTITRUST VIOLATIONS

The District assigns to the State of Arizona any claim for overcharges resulting from antitrust violations to the extent that such violations concern materials or services supplied by third parties to the District toward fulfillment of these Terms and Conditions.

19. PROGRAM REVIEW AND SITE VISITS

The Board has the right to make site visits at reasonable intervals for purposes of review of Project accomplishments and management control systems and to provide technical assistance, if required. The District will provide reasonable access to facilities, office space, resources, and assistance for the safety and convenience ~~to~~of the Board's representatives in the performance of their duties. All site visits and evaluations must be performed in a manner that does not unduly interfere with or delay the work.

20. RIGHTS IN DATA

20.1 RIGHT TO USE, DUPLICATE AND DISCLOSE

The Board may duplicate, use, and disclose in any manner and for any purpose ~~whatsoever~~, within the limits established by Federal and State laws and regulations, all information relating to these Terms and Conditions.

The District agrees that any negotiations, agreements, and/or contracts between the District and architect(s) for the design of the new school shall provide that the Board retains the right to use design documents limited to Site Plan, Exterior Elevations, and Floor Plans for the following, restricted purposes:

- a. To acknowledge architects and their school designs successfully funded by the Board.
- b. To create a ~~resource~~ collection of ~~promotional~~ architectural designs for elementary, middle and high schools that will be available to other school districts to use as a school design resource.

It is understood that other school districts cannot use the District's design plans as their own as mandated by Code and Rules under the Arizona State Board of Technical Registration. Artistic representations shall not contain confidential nor proprietary information, but shall include professional credit for the architect and engineers of the successful project.

21. FEDERAL IMMIGRATION AND NATIONALITY ACT

By entering into these Terms and Conditions, the District warrants compliance with the Federal Immigration and Nationality Act (FINA) and all other Federal immigration laws and regulations related to the immigration status of its employees. The District shall obtain statements from its contractors and its subcontractors certifying compliance and shall furnish the statements to the Board upon request. These warranties shall remain in effect through the term of the Terms and Conditions. The District and its contractors and its subcontractors shall also maintain Employment Eligibility Verification forms (I-9) as required by the U.S. Department of Labor's Immigration and Control Act, for all employees performing work under the Contract. I-9 forms are available for download at USCIS.GOV.

The State of Arizona and/or the Board may request verification of compliance for any of the District's contractors or subcontractors performing work under these Terms and Conditions. Should the State of Arizona and/or the Board suspect or find that the District or its contractors or any of its subcontractors are not in compliance, the State of Arizona and/or the Board may pursue any and all remedies allowed by law, including, but not limited to: suspension of work, termination of the Terms and Conditions for default, and suspension and/or debarment of the contractor. All costs necessary to verify compliance are the responsibility of the contractor.

22. PURSUANT TO E-VERIFY REQUIREMENT, A.R.S. § 41-4401

- 22.1 The District’s contractors must warrant compliance with all Federal immigration laws and regulations relating to employees and warrants its compliance with A.R.S. §23-214(A). (That subsection reads: After December 31, 2007, each employer, after hiring an employee, shall verify the employment eligibility of the employee through the E-verify program.)
- 22.2 A breach of warranty regarding compliance with immigration laws and regulations shall be deemed a material breach of contract and the contractor may be subject to penalties up to and including termination of the contract.
- 22.3 Failure to comply with a Board audit process to randomly verify the employment of contractors and subcontractors shall be deemed a material breach of contract and the contractor may be subject to penalties up to and including termination of the contract.
- 22.4 The Board retains the legal right to inspect the papers of any employee who works on the Project to ensure that the contractor or subcontractor is complying with the warranty under Paragraph ~~24.1~~ 22.1.

23. CERTIFICATION / AUTHORIZATION

These Terms and Conditions must be signed by the President of the Governing Board of the District and certify that he or she has read these Terms and Conditions and represents and warrants that he or she is duly authorized to agree and accept and therefore sign these Terms and Conditions on behalf of the District.

Governing Board President (signature)

Date

Governing Board President (printed name)

School District

Project number:

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: May 6, 2015

Agenda Item IV.d.

**Subject: IV. Director's Report (action of the Board may be requested)
d. Policy Approval – V. New Construction**

The proposed changes below are due to legislative changes to statute and the requirement to review SFB policies every four years. They were posted on the SFB website for public comment. No public comment was received.

Proposed changes

1. Update various website/exhibit references and links
2. Various typographical and grammatical corrections
3. Various corrections for consistency
4. Removal of reference to soft capital and A.R.S. §15-962 (repealed)

Staff Recommendation

Staff recommends Board approval of the proposed changes to the SFB Policy V. New Construction as presented in the Board packet.

Board Action Requested: information action / described below

Board approval of the proposed changes to the SFB Policy V. New Construction as presented in the Board packet.

Attachments: Yes No

V. SFB New Construction

Per A.R.S. §41-1091 B: This substantive policy statement is advisory only. A substantive policy statement does not include internal procedural documents that only affect the internal procedures of the agency and does not impose additional requirements or penalties on regulated parties or include confidential information or rules made in accordance with the Arizona Administrative Procedure Act. If you believe that this substantive policy statement does impose additional requirements or penalties on regulated parties you may petition the agency under A.R.S. §41-1033 for a review of the statement.

A.R.S. §15-2041, provides for school district governing boards to develop and annually update a capital plan. If the capital plan indicates a need for a new school or an addition to an existing school within the next four years, the school district is to submit the plan to the School Facilities Board.

A. Designing a New School Project (Adopted January 10, 2008, Modified March 7, 2012)

Once the school district has been approved for funding for additional square footage (a project), it may begin designing the project. A project may be either an entirely new school or additional square footage to an existing school. The process is as follows:

Kick-Off Meeting

The school district must attend a kick-off meeting with SFB staff. In the meeting, SFB staff will review with the district the Terms and Conditions and policies of the Board, and answer any questions the school district might have.

Funds For Architectural, Engineering, Project Management, and Pre-construction

Once the [signed](#) Terms and Conditions are [_signedreceived](#), the SFB will make five percent (5%) of the awarded funds available for architectural, engineering, project management, and pre-construction fees. Please see “Accessing Project Funds” below for the process on requesting and receiving project funds.

Design Process

During design, at least three design and budget review meetings will take place at the following points:

1. Schematic Design
2. Design Development
3. Guaranteed Maximum Price/Construction Documents

The Executive Director may require additional meetings if necessary. The Executive Director will develop and make available detailed agendas for the above meetings. For an alternative procurement project, the Design Phase is completed when the Construction Manager signs a GMP that is either within the established budget, or is supported by SFB

staff. For a design-bid-build project, Design Phase ends when the district documents that they have received final building permits from the local building authority.

Project Budget

The items required to be included in the estimated budget are all elements of new construction, excluding land acquisition. These elements include, but are not limited to (1) architectural and engineering fees; (2) survey, testing, permits, advertising and printing; (3) construction costs; (4) furniture, fixtures and equipment; (5) any necessary project management and (6) a three percent (3%) contingency amount.

Design Fees for budget purposes should be based on 80 percent (80%) of the formula award. Final fees should be based on the final construction contract amount. Amounts reserved for other budget elements including furniture, fixtures, and equipment, will be developed and applied by the Executive Director. The Executive Director may review ~~from time to time~~ these amounts to ensure they are appropriate.

Board Authorization to Proceed

Once the design phase is complete, SFB staff will make a recommendation to the Board regarding the appropriateness of proceeding with the project. SFB staff may consider the following in developing the recommendation.

1. Design – Does the project meet the minimum school facility adequacy guidelines as applied to new school construction? Has the district agreed to fund all design elements in excess of these standards?
2. Procurement – Has the district received a fair market price for the project?
3. Student Projections – Do updated student population projections continue to justify the awarded square footage?

The Executive Director may consider additional criteria as appropriate.

~~Final~~ Authorization To Contract

If the school district is using an alternative procurement method, SFB staff may authorize the school district to sign the GMP once the school district has demonstrated that it has obtained local (city, county, or equivalent) building department approval.

If the school district is using the design-bid-build procurement method, SFB staff may authorize the school district to contract if the received bids are within the established estimated budget.

The Executive Director will notify the school district by letter that they are authorized to proceed with the project. *See Exhibit IV. B.*

B. Accessing Project Funds (Modified January 10, 2008)

After a school district has received ~~final~~ authorization to contract, additional monies will be distributed. Payments will be made on a timely basis based upon the school district's need supported by documentation from the district. The ~~District~~ school district should submit a

“Request for Funds Form” (~~Exhibit IV. C.~~) with attached documentation including invoices to support the request. The school district may include more than one invoice per request.

If a school district can establish that it will receive funds from the New School Facilities Fund in excess of what it will cost to complete the project in accordance with the minimum school facility adequacy guidelines as applied to new school construction, the school district can access those surplus funds prior to the completion of the project in order to implement change orders or other expenditures exceeding the original scope of the project.

District funding is only loaded if the school district is participating in the funding of the project. This may occur at the onset of the project or when the project is underway and the district adds work to the project for which the SFB has not or cannot provide funding.

Change Orders

If during the project it becomes necessary for a change order to be issued, the change order must be submitted to the district’s SFB liaison for approval. Upon receiving approval, the funds will be moved from the contingency-appropriate line item (~~or wherever it is appropriate~~) to the base cost line item, so that costs-invoices can be charged against it. If the change order is strictly a district cost, funding will be added to the district cost line item to account for that cost.

Cost Sharing

Due to the type of project required and the statutory limitations on the Board, the school district may have elected to participate in the cost of the project. This will result in a percentage split. ~~To ease in the logistics of cost sharing, t~~The percentage assigned to the district is based on the proportionate share of the base (construction) cost. If during the project, the funding distribution changes, the percentage charged to the district will also be adjusted.

When an bill-invoice is submitted that may be applied against the construction contract, the school district percentage is computed against the entire bill-invoice and the costs are distributed accordingly. The split of the funding is recorded and only the Board’s portion of the costs is electronically transmitted to the district.

C. ~~Policy on~~ Project Management Services for New Construction

(Modified January 10, 2008, Modified March 7, 2012)

A school district that does not have the experience or resources to successfully oversee a new school construction project may request technical support from the Board in the form of project management pursuant to A.R.S. §15-2002.C. (13).

A.R.S. §15-2041(E) states that if the Board modifies the cost per square foot based on geographic conditions, or site conditions, as prescribed in A.R.S. §15-2041.D.3.c., the Board may deduct the cost of these project management services and preconstruction services from the required cost per square foot.

The cost of the project management shall be made a part of the overall cost of the new school, and those funds shall be derived from the total allocation for the project provided by the Board.

D. Architectural Fee Guidelines (Adopted January 1999, Modified January 10, 2008)

These guidelines are to be used to determine the Lump Sum Architectural & Engineering (A&E) fees for "Basic Services" for all SFB funded projects including new school construction.

** These are guidelines, not a schedule **

For new school construction projects, the fee should be determined by the square footage times the formula cost of the planned facility or project (construction cost) multiplied by a factor determined by the size and complexity of the scope of the project. See below both "Project Types" (to determine the difficulty of the project) and "Fee Guidelines Multiplier" (for the percentage multiplier) to determine the architect's fee. The final fee should be based on ~~either 80 percent (80%) of the awarded formula or~~ the actual construction cost.

Basic Services

The architectural contract should identify and include all of the services necessary to design and construct the project under "Basic Services" without any hidden or unknown cost. The services to be included as part of the contract as "Basic Services" shall consist of architectural, structural, mechanical, electrical, civil, and landscape design. The descriptions of these services are described in the American Institute of Architect (A.I.A). Document B141, "Standard Form of Agreement Between Owner and Architect (1987 Edition)", Article 2, and Add, Modified and/or Delete paragraphs 2.6.5, 2.6.5.1, 2.6.15.1, 3.2, 3.2.1, 3.2.2, 3.2.3, 3.3.1.2, 3.3.1.3, 3.3.3, 3.3.4, 3.3.6, 3.3.9, 3.4.1, 3.4.4, 3.4.9, 4.6.1, 4.6.1.1, 5.2.2, 5.2.3, 8.6, 8.7.1, 8.7.2, 8.7.3, 10.2.1.1, 10.2.1.2, 10.2.1.4, 10.2.1.6

Construction Cost

The cost of construction includes the cost of the construction of the building, site improvements, and all fixed and installed equipment. It does not include Furniture, Fixtures & Equipment (FF&E), testing, surveys, permits, land costs, studies, contingencies, or A&E fees.

Project Types

Group A - MORE THAN AVERAGE COMPLEXITY: New complex stand-alone facilities such as special purpose classrooms, laboratory classrooms, libraries, auditoriums, and food service facilities.

Group B - AVERAGE COMPLEXITY: Total facilities such as new elementary schools, middle schools, high schools, or large additions to existing facilities.

Group C - LESS THAN AVERAGE COMPLEXITY: New less complex stand-alone facilities such as warehouses, maintenance facilities, bus barns, offices, and storage facilities or any repetitive design use of a facility.

Group D - REPAIRS AND RENOVATIONS: Miscellaneous repairs and renovations, alterations to facilities, code corrective work or upgrades, system replacements, etc.

Fee Guideline Multiplier

Construction Cost:	Group A	Group B	Group C	Group D
\$ 0 to \$ 100,000	8.8%	7.9%	7.2%	8.9%
\$ 100,000 to \$ 400,000	7.8% - 8.8%	7.2% - 7.9%	6.6% - 7.2%	8.3% - 8.9%
\$ 400,000 to \$ 1,000,000	7.2% - 7.8%	6.7% - 7.2%	6.2% - 6.6%	7.8% - 8.3%
\$ 1,000,000 to \$ 4,000,000	6.3% - 7.2%	6.0% - 6.7%	5.7% - 6.2%	7.2% - 7.8%
\$ 4,000,000 to \$10,000,000	6.0% - 6.3%	5.5% - 6.0%	5.3% - 5.7%	6.8% - 7.2%
\$10,000,000 to \$20,000,000	5.5% - 6.0%	5.5% - 6.0%	5.0% - 5.3%	5.7% - 6.8%
\$20,000,000 and above	5.5% - 6.0%	5.5% - 6.0%	4.3% to 5.0%	Up to 6.0%

Fee Formula

SFB Estimated Construction Cost _____ x Multiplier _____ % = Fee

Notes:

The higher the Construction Cost in each range, the multiplier percentage should be proportionally lower.

Districts in remote areas and/or with a high cost per square foot should not use a higher multiplier percentage than normal. The increased cost per square foot difference automatically increases the fee to cover the additional cost of travel. Since most of the architects' offices and their consultants are in urban areas, the cost to design and produce the contract documents would be the same as if the project were in the same city.

E. Closeout Procedures (Modified January 10, 2008)

School districts shall be considered to have reached the substantial and/or final completion stage upon submitting to their SFB Liaison the required documentation by providing the following:

- a. Certificate of Occupancy from the local building department.
- b. Architect's Certificate of Substantial Completion.
- c. Final request for payment (must contain all pages and complete Schedule of Values) from the contractor, certified by the architect showing the project has zero dollars remaining to be paid to the General Contractor for construction.
- d. Superintendent's letter of assurance that the facility was built according to the minimum school facility adequacy guidelines as applied to new school construction, including the installation of all required FF&E.
- e. **Note:** Letter requires superintendent's signature.
- f.e. (IF APPLICABLE) Fire Marshal's certification that installed water tank is adequate to provide fire protection at the new school facility.
- g.f. ~~Provide f~~Full/complete Specifications in .pdf format and Plan Drawings in .pdf format, construction document copy on electronic compact disk. Label each 'disk' with School District Name, School Name, and SFB Project Number.

~~h.g. Required Documents include:~~ Architectural, Structural, Civil, Electrical, Mechanical and Plumbing, Landscape, Kitchen Design, drawing documents and written specifications that were reviewed and approved for building permit.

~~i.~~ All documents sent to the SFB, must contain for each project the following at or near the top of each sheet:

~~j.a.~~ The SFB Project Number

~~k.b.~~ The full School District Name and full address

~~l.c.~~ New School Facility Name, Grade Configuration and Full Address with Zip Code

~~m.~~ On-site walk-through by SFB staff, shall verify one computer per 8 students, based on the approved SFB occupancy of the facility, and that all other FF&E has been installed.

~~n.~~ On-site walk-through by SFB staff, shall verify and ask the librarian for assurance that 10 new library books per student, based on the approved SFB occupancy of the facility, ~~has~~ have been installed in the library. If the project fails inspection, the SFB staff may withhold sufficient funds to correct the deficiency.

If the project has not processed a payment transaction for more than six months, SFB staff may take steps to initiate the closeout procedure.

F. ~~Policy on~~ Project Balance Funds for New Construction

(Adopted November 6, 2003, Modified January 10, 2008)

Note: This policy applies to projects originally established after August 22, 2002.

A.R.S. §15-2041 (I) states that if a school district has surplus monies received from the new school facilities fund, the school district may use the surplus monies only for capital purposes for the project for up to one year after completion of the project. If the school district possesses surplus monies from the new school construction project that have not been expended within one year of the completion of the project, the school district shall return the surplus monies to the School Facilities Board for deposit in the new school facilities fund.

Current budgeting procedures including the three ~~to five~~ percent project contingency set aside will continue under existing rules.

The “one-year” period will be counted from the date of Substantial Completion as certified by the architect of record. Monies that are legally obligated by either a contract or a purchase order will be deemed spent.

Districts must obtain approval from the Executive Director prior to expending any funds under this section. The district may appeal to the School Facilities Board Chairman for a review by the full Board if there is a dispute between the Executive Director and the district regarding the appropriateness of these expenditures.

The Executive Director may approve appropriate design fees for a proposed project.

~~Approved purposes will be any capital item on the project site. This includes soft capital items (as defined by A.R.S. §15-962), landscape improvements, athletic facilities, administrative space for the project, additional academic space, etc. If soft capital items are~~

~~purchased, the district must certify that the item will be used at the project site for at least three years.~~

If square footage is constructed (either academic or administrative), that space will be ~~counted as visible space for future new school facility calculations~~included in the school's capacity calculation.

Districts may access project balance funds for on-site capital purposes after the construction contract has been awarded. Districts may access contingency funds for capital purposes once Substantial Completion is reached.

G. SFB Oversight of Construction Manager--at--Risk Process Owner Training (Modified January 10, 2008)

If a district uses the construction manager--at--risk procurement method, they must complete the following steps.

Request for Qualifications

SFB Liaison will review RFQ for the following items:

1. Applicable Procurement Rules
2. Approve project scope
3. Screening criteria
4. Form of agreement for CMAR services
5. Dispute criteria from A.A.C. R7-2-1155 through R7-2-1159

SFB staff may elect to observe interviews and selection discussions.

Preliminary Budget Meeting

SFB staff architect, SFB Liaison and District construction team (Team is district's designated construction coordinator, architect and CMAR)

1. Review base construction budget and Schedule of Values
2. Discuss CMAR contingency set-aside
3. Review all SFB requirements for new construction and provide guideline information
4. Discuss SFB recommendations for economical construction, energy efficiency, and indoor air quality standards during construction
5. Discuss any identified land issues
6. Discuss solar review requirements under A.R.S. §34-452
7. Discuss minority and women-owned business inclusion recommendation

Schematic Design and Budget Review Meeting

SFB staff architect, SFB Liaison, and district team will review schematic design and estimate for:

1. Minimum school facility adequacy guidelines as applied to new school construction adherence
2. Review the design limitations for over-budget projects
3. Discuss strategies for keeping project within budget
4. Discuss minority and women-owned business inclusion recommendation

GMP/CD Review Meeting

SFB staff architect, SFB liaison, SFB staff construction cost specialist and district team will review construction documents and estimate prior to GMP bid phase. The SFB liaison may elect to attend district-architect-CMAR GMP discussions prior to setting of GMP.

1. Verify minimum school facility adequacy guidelines as applied to new school construction compliance
2. Verify final scope of work
3. Review value-engineering recommendations
4. Conduct estimate discussion as necessary
5. Review process for number of bidders in each trade (3 sub bids in all trades recommended)
6. Review GMP contingency
7. Review Schedule of Values

This review will be based on a comparison of similar projects. ~~SFB staff will develop a systematic way to record and compare new construction costs.~~

Construction of Project

SFB staff will review all change orders and monitor project contingency funding.

SFB staff will conduct site visits as determined by the SFB liaison.

SFB staff will attend final completion walk-through as determined by the SFB liaison.

The school dDistrict will submit a monthly report to the SFB liaison that includes schedule information, the RFI log, the COR log, the Change Order log and other information as requested.

Post-Construction

SFB staff will review the final project audit conducted by the school district. SFB staff may decide to audit selected projects.

H. Reporting Requirements

By October 15, each district shall report:

1. The projects funded at each school in the previous fiscal year with monies from the district's new school facilities fund
2. An accounting of the monies remaining in the new school facilities fund at the end of the previous fiscal year

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: May 6, 2015

Agenda Item IV.e.

**Subject: IV. Director's Report (action of the Board may be requested)
e. Rule Review Update**

Dean Gray will provide an update to the Board on required Rule Review.

Board Action Requested: information action / described below

Attachments: Yes No

Briefing on SFB Rule Review Effort
May 6, 2015

Five Year Rule Review Report

The Governor's Regulatory Review Council (GRRC) requires all state agencies to provide them with a Rule Review Report every five years. The SFB report is due to be filed this year on or before June 29, 2015.

SFB Rules are found in the Arizona Administrative Code (AAC) at Title 7: Education; Chapter 6: School Facilities Board (Sections R7-6-102 through R7-6-1601).

SFB staff is in the process of preparing the Five Year Rule Review Report to file with GRRC prior to the June 29, 2015 deadline.

Governor's Moratorium on Administrative Rulemaking

SFB staff has seen the need to update the Rules for some time now, but have not proceeded with the requisite "Notice of Rulemaking Docket Opening" due to this and prior administrations' moratorium on rulemaking.

In his first Executive Order, 2015-01, Governor Ducey provided agencies with a mechanism to petition his office for approval to proceed with amendments to their rules if they can demonstrate that the proposed changes satisfy at least one of eight criteria stipulated in that Executive Order. *(copy attached)*

SFB staff submitted such a request on February 27, 2015, and is awaiting a response.

Executive Order 2015-001 also requires each agency to provide to the Office of the Governor no later than September 1, 2015, an evaluation of its rules with recommendations which could be amended or repealed consistent with the priorities and principles set forth in the Order. The Five Year Rule Review Report will provide much of the information needed to complete that task.

2015 Proposed Rule Package

If we receive the Governor's Office approval to proceed, staff will present the Board with the timeline for the process and a report on the comments received during initial informal discussions with school district representatives that might be held prior to the "Formal 30-day Public Comment Period" required by the GRRC Rulemaking Process. The Regular GRRC Rulemaking Process is illustrated by the attached flow chart.

As part of the Formal 30-day Public Comment Period, the Board may elect to preside over an Oral Proceeding / Hearing at a regular or special meeting of the Board. Refer to the attached excerpt from the Arizona Administrative Register relating to Public Participation in the Rulemaking Process.

INTERNAL REVIEW OF ADMINISTRATIVE RULES; MORATORIUM TO PROMOTE JOB CREATION
AND CUSTOMER-SERVICE-ORIENTED AGENCIES

WHEREAS, Arizona has lost more jobs per capita than any other state and has yet to recover all of those jobs;

WHEREAS, burdensome regulations inhibit job growth and economic development;

WHEREAS, each agency of the State of Arizona should promote customer-service-oriented principles for the people that it serves;

WHEREAS, each State agency should undertake a critical and comprehensive review of its administrative rules and take action to reduce the regulatory burden, administrative delay, and legal uncertainty associated with government regulation;

WHEREAS, overly burdensome, antiquated, contradictory, redundant, and nonessential regulations should be repealed;

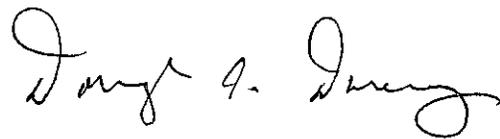
WHEREAS, Article 5, Section 4 of the Arizona Constitution and Title 41, Chapter 1, Article 1 of the Arizona Revised Statutes vests the executive power of the State of Arizona in the Governor;

NOW, THEREFORE, I, Douglas A. Ducey, by virtue of the authority vested in me by the Constitution and laws of the State of Arizona hereby declare the following:

1. A State agency, subject to this Order, shall not conduct any rulemaking except as permitted by this Order.
2. A State agency, subject to this Order, shall not conduct any rulemaking, whether informal or formal, without the prior written approval of the Office of the Governor. In seeking approval, a State agency shall address one or more of the following as justification for the rulemaking:
 - a. To fulfill an objective related to job creation, economic development, or economic expansion in this State.
 - b. To reduce or ameliorate a regulatory burden while achieving the same regulatory objective.
 - c. To prevent a significant threat to the public health, peace, or safety.
 - d. To avoid violating a court order or federal law that would result in sanctions by a court or the federal government against an agency for failure to conduct the rulemaking action.
 - e. To comply with a federal statutory or regulatory requirement if such compliance is related to a condition for the receipt of federal funds or participation in any federal program.
 - f. To fulfill an obligation related to fees or any other action necessary to implement the State budget that is certified by the Governor's Office of Strategic Planning and Budgeting.
 - g. To promulgate a rule or other item that is exempt from Title 41, Chapter 6, Arizona Revised Statutes, pursuant to section 41-1005, Arizona Revised Statutes.
 - h. To address matters pertaining to the control, mitigation, or eradication of waste, fraud, or abuse within an agency or wasteful, fraudulent, or abusive activities perpetrated against an agency.
3. Paragraphs 1 and 2 apply to all State agencies, except for: (a) any State agency that is headed by a single elected State official, (b) the Corporation Commission, or (c) any State agency whose agency head is not appointed by the Governor. Those State agencies to which Paragraphs 1 and 2 do not apply are strongly encouraged to voluntarily comply with this Order in the context of their own rulemaking processes.

4. Pursuant to Article 5, Section 4 of the Arizona Constitution and Arizona Revised Statutes Section 41-101(A)(1), the State agencies identified in Paragraph 3 must provide the Office of the Governor with a written report for each proposed rule 30 days prior to engaging in any rulemaking proceeding and must also provide the Office of the Governor with a written report within 15 days of any rulemaking. The reports required by this Paragraph shall explain, in detail, how the rulemaking advances the priorities and principles set forth in this Order.
5. No later than September 1, 2015, each State agency shall provide to the Office of the Governor an evaluation of their rules, with recommendations for which rules could be amended or repealed consistent with the priorities and principles set forth in this Order. The evaluation shall also include a summary of licensing time frames and describe how those time frames compare to real processing time, and whether or not they can be reduced. Additionally, each agency shall identify any existing licenses or permits in which a general permit could be used in lieu of an individual permit, pursuant to Arizona Revised Statutes Section 41-1037.
6. No later than July 1, 2015, each State agency shall provide to the Office of the Governor an update on divisions where electronic reporting and payment are not implemented and a suggested plan for how to implement this customer-service-oriented service.
7. This Order does not confer any legal rights upon any persons and shall not be used as a basis for legal challenges to rules, approvals, permits, licenses or other actions or to any inaction of a State agency. For the purposes of this Order, "person," "rule," and "rulemaking" have the same meanings prescribed in Arizona Revised Statutes Section 41-1001.
8. This Executive Order expires on December 31, 2015.

IN WITNESS WHEREOF, I have hereunto set my hand and caused to be affixed the Great Seal of the State of Arizona.



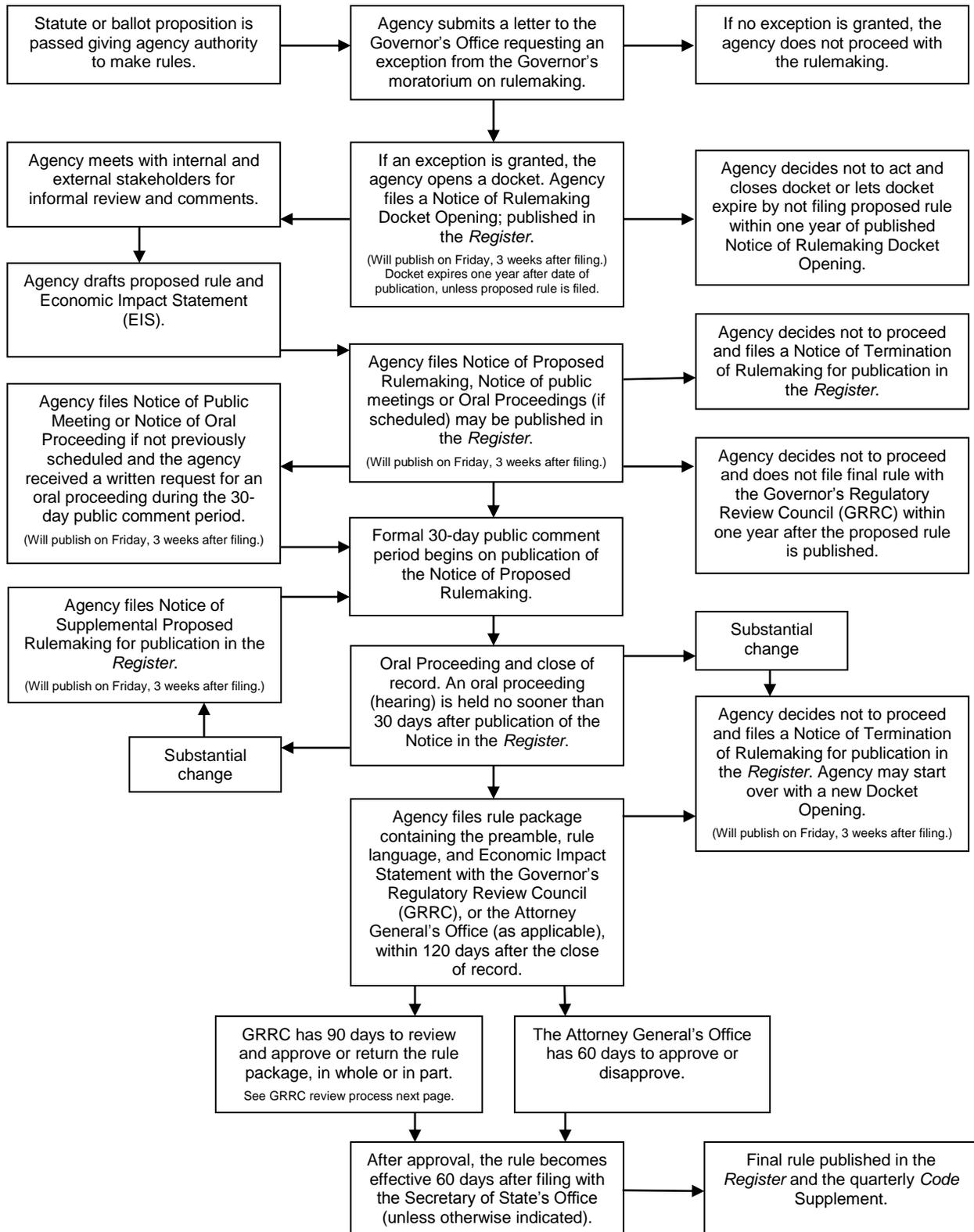
GOVERNOR

DONE at the Capitol in Phoenix on this fifth day of January in the Year Two Thousand and Fifteen and of the Independence of the United States of America the Two Hundred and Thirty-Ninth.

ATTEST:



The Regular Rulemaking Process



Briefing on SFB Rule Review Effort
May 6, 2015

Arizona Administrative Register / Secretary of State
Public Participation in the Rulemaking Process
April 10, 2009 Page 589 Volume 15, Issue 15

PUBLIC PARTICIPATION IN THE RULEMAKING PROCESS

The public is encouraged to participate in the rulemaking process by which administrative rules are made, amended, or repealed. Listed below are some of the ways in which to participate (references are to the Arizona Revised Statutes (A.R.S.), a compilation of the laws of the State of Arizona).

- ▶ By inspecting a copy of the Notice of Proposed Rulemaking filed with the Secretary of State, Public Services Division, for publication in the Arizona Administrative Register. (See A.R.S. § 41-1022.)

- ▶ By making oral comments, if an oral proceeding or a public hearing is held, or written comments to the agency proposing the rule. In order for the agency to consider your comments, the agency must receive them by the close of record. Your comments must reach the agency within the 30-day comment period following Register publication of the Notice of Proposed Rulemaking. Send your comments to the agency representative whose name and address are printed in the Notice of Proposed Rulemaking. (See A.R.S. § 41-1022.)

- ▶ By requesting, in writing, an oral proceeding on a proposed rule within 30 days after the Notice of Proposed Rulemaking has been published in the Register if the agency has not scheduled a proceeding. (See A.R.S. § 41-1023.)

- ▶ By submitting to the Governor's Regulatory Review Council written comments that are relevant to the Council's power to review a given rule (see A.R.S. § 41-1052). The Council reviews the rule at the end of the rulemaking process and before the rules are filed with the Secretary of State.

- ▶ By petitioning an agency to make, amend, or repeal a rule. The agency must respond to the petition. (See A.R.S. § 41-1033.)

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: May 6, 2015

Agenda Item V.a.

Subject: V. Reduction of Square Footage Requests

a. Consideration and possible vote to accept, reject or modify Requests for Reduction of Square Footage

Deer Valley Unified

Per A.R.S. §15-341, subsection G, school districts are required to obtain SFB permission prior to taking any action that would reduce pupil square footage.

Background – Deer Valley Unified (K-8)

The district has requested removal of the following square footage from the district's inventory:

School	Building No.	Square Footage
Constitution Elementary School	Portion of 1002	815
Constitution Elementary School	1006	3,594
Constitution Elementary School	Portion of 1010	779
Constitution Elementary School	1013	816
Deer Valley Middle School	1004	11,852
Total		17,856

The square footage was demolished during the process of modernizing these two schools, and the district built 8,239 square feet of replacement space (total for both campuses). The net reduction is 9,617 square feet and 94 student capacity. Reducing the district's K-8 capacity by 94 would yield a new student capacity of 27,293. During the past five years, the K-8 ADM declined each year, resulting in a negative annualized ADM growth rate of -2.8%. The FY 14 K-8 ADM was 21,051. Based on provisional 100-day ADM data provided by ADE on April 13, 2015, SFB staff estimates that the K-8 ADM in FY 15 is approximately 21,422, a 1.8% increase over FY 14. Using 21,422 as a starting point, it would require an annual growth rate of 3.1% for K-8 ADM to exceed 27,293 by FY 23. At this time, there are no indications that the district's K-8 ADM will experience that rate of growth. Reducing the square footage is not projected to cause the district to fall below minimum square footage guidelines within the next eight years.

Staff Recommendation

Staff recommends that the Board approve **Deer Valley Unified's** request to remove the square footage listed above from the district's inventory.

Board Action Requested: [] information [X] action / described below

Board approval of **Deer Valley Unified's** request to remove the square footage listed above from the district's inventory.

Attachments: Yes [] No [X]

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: May 6, 2015

Agenda Item V.b.

**Subject: V. Reduction of Square Footage Requests
b. Consideration and possible vote to accept, reject or modify Requests
for Reduction of Square Footage**

Show Low Unified

Per A.R.S. §15-341, subsection G, school districts are required to obtain SFB permission prior to taking any action that would reduce pupil square footage. A reduction includes a reconfiguration of grades.

Background – Show Low Unified

The district has requested:

1. Reconfiguration from K-6 / 7-8 / 9-12 to K-5 / 6-8 / 9-12
2. Reconfiguration of Nikolaus Homestead from 7-8 to K-5
3. Reconfiguration of Show Loa Junior High from K-6 to 6-8
4. Sale of Clay Springs Elementary School

Clay Springs Elementary School has not been used by the district for several years, due to declining enrollment. The district has voted (pending SFB approval) to sell the facility to Navajo County who will use it for offices and community events.

The results of these changes are summarized below:

Old configuration	K-6	7-8	9-12
Old capacity	2,073	616	995
FY 14 ADM	1,149	370	813

New configuration	K-5	6-8	9-12
New capacity (with Clay Springs)	1,721	832	995
New capacity (without Clay Springs)	1,617	832	995
FY 14 ADM	954	564	813

In the past five years, the district's ADM for both K-6 and 7-8 has declined for most years resulting in 5-year annualized negative growth rates of -1.3% for K-6 and -0.1% for 7-8. Translating to K-5 and 6-8, the rates are -1.7% and 0.3%, respectively. According to provisional data provided by ADE on April 13, 2015, K-5 ADM is expected to be 1,012 in FY 15, or 6.1% higher than FY 14. FY 15 ADM is expected to be 573 at the 6-8 level, which represents a 1.5% increase over last year. The median age of the district's residents is significantly higher than the state average, and the birth number has been on a declining curve during recent years. The increases in ADM are mostly attributed to the departure of students from a charter school in the area. Two other charter schools in the district have experienced increasing enrollment. If the latter two charter schools remain steady or continue to grow, the district's ADM is not projected to exceed the new capacity of 1,617 at the K-5 level or 832 at the 6-8 level within the next eight years.

Staff Recommendation – Show Low Unified

Staff recommends Board approval of the reconfiguration of **Show Low Unified** as described above. Staff also recommends approval of the district's request to sell Clay Springs Elementary School.

Board Action Requested: information action / described below

1. Board approval of **Show Low Unified's** request for grade reconfiguration as described above.
2. Board approval of **Show Low Unified's** request to sell Clay Springs Elementary School.

Attachments: Yes No

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: May 6, 2015

Agenda Item V.c.

**Subject: V. Reduction of Square Footage Requests
c. Consideration and possible vote to accept, reject or modify Requests
for Reduction of Square Footage**

Show Low Unified

Per A.R.S. §15-341, subsection G, school districts are required to obtain SFB permission prior to taking any action that would reduce pupil square footage. A reduction includes a reconfiguration of grades.

Background – Show Low Unified

The district has requested reconfiguration, effective next school year (2015-2016), of its elementary schools from K-5 to K-2 / 3-5. Whipple Ranch would serve Grades K-2, Nikolaus Homestead would serve Grades 3-5, and Linden Elementary, which would continue to serve Grades K-5, would have pro-rated square footage for the purpose of calculating capacity.

The analysis assumes that the district's requests on the previous agenda item were approved, including the sale of Clay Springs Elementary School. The result is as follows:

Old configuration	K-5
Old capacity	1,617
FY 14 ADM	954

New configuration	K-2	3-5
New capacity	925	692
FY 14 ADM	419	536

ADM for grades 3-5 is projected to exceed the new capacity of 692 by FY 20. The overage is absorbed by excess capacity at the K-2 level when the elementary schools are grouped together in a K-5 configuration. Breaking the schools down to the level of detail above removes that cushion and creates a square footage deficiency.

Staff Recommendation – Show Low Unified

Staff recommends Board denial of the reconfiguration of **Show Low Unified schools** as described above.

Board Action Requested: [] information [X] action / described below

Board denial of **Show Low Unified's** request to reconfigure its schools as described above.

Attachments: Yes [] No [X]

**Building Renewal Grants
April 30, 2015**

FY 2009 Appropriation	\$20,000,000
FY 2009 Sweep	(\$13,000,000)
FY 2010 Appropriation	\$3,000,000
FY 2010 Sweep	(\$332,100)
FY 2011 Appropriation	\$2,667,900
FY 2012 Appropriation	\$2,667,900
FY 2012 Supplemental Appropriation	\$11,500,000
FY 2013 Appropriation	\$2,667,900
FY 2014 Appropriation	\$16,667,900
FY 2015 Appropriation	\$16,667,900
FY 2015 Supplemental Appropriation	\$10,119,694
Total Available	\$72,627,094
Project Awards to Date *	(\$63,929,862)
Balance **	\$8,697,232
May 6, 2015 Awards	(\$4,292,302)
Balance **	\$4,404,930

102 Estimated Pending Applications (in process)	\$3,691,153	(Represents 11 applications for which an estimate was provided. 91 applications do not have estimates assigned.)
59 Projects in Design (construction cost not yet awarded)	\$480,000	(Estimated construction cost. Represents 5 projects for which an estimate was provided. 54 projects do not have estimates assigned.)
Estimated Total Pending Awards	\$4,171,153	

The Board has awarded 766 projects.

59 projects are in design

262 projects are in construction

445 projects are complete

* Includes projects authorized by Executive Director and presented to Board for ratification 5/6/15.

** Includes savings from projects closed out since last Board meeting (listed below):

District	Project No.	Scope	Award	Amount Expended	Remaining Balance
Bullhead City ESD	014	Special Systems	\$ 10,000	\$ 7,097	\$ 2,903
Kingman USD	008	HVAC	\$ 5,532	\$ 5,389	\$ 143
Safford USD	001	HVAC	\$ 36,000	\$ 28,746	\$ 7,254
Scottsdale USD	010	HVAC	\$ 158,877	\$ 142,527	\$ 16,350
Scottsdale USD	030	Plumbing	\$ 3,975	\$ 2,975	\$ 1,000
Tolleson ESD	013	HVAC	\$ 2,876	\$ 2,376	\$ 500
Tombstone USD	001	Roof	\$ 45,678	\$ 23,022	\$ 22,656
Tombstone USD	002	Roof	\$ 72,000	\$ 32,393	\$ 39,607
Tucson USD	006	Surfaces	\$ 96,000	\$ 59,033	\$ 36,967
Tucson USD	009	HVAC	\$ 58,300	\$ 50,900	\$ 7,400
Wilson ESD	006	HVAC	\$ 11,703	\$ 9,206	\$ 2,497
Wilson ESD	007	HVAC	\$ 6,045	\$ 4,759	\$ 1,286
					\$ 138,564

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting date: May 6, 2015

Agenda Item VI.a.

Subject: VI. Building Renewal Grant Requests

- a. Consideration and possible vote to ratify the Executive Director's awards of Building Renewal Grant funds as authorized by the Building Renewal Grant Policy IX.C. (up to \$50,000 for project award)**

**Cedar Unified
Gila Bend Unified
Tanque Verde Unified (2 requests)**

Background – Cedar Unified (Jeddito ES – replace/repair four backflow preventers)

Cedar Unified has submitted a Building Renewal Grant request to replace one backflow preventer and repair three backflow preventers on all buildings at Jeddito Elementary School (project number 090225001-9999-008BRG).

Cedar Unified, located 140 miles northeast of Flagstaff, has three schools. Jeddito Elementary School is comprised of twenty-five buildings constructed in 1982 through 2003, totaling 113,400 square feet.

The lowest proposal received was \$8,351.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Cedar Unified (Jeddito ES – replace/repair four backflow preventers)

Staff recommends that Cedar Unified be awarded \$8,351 in Building Renewal Grant funding for the replacement of one backflow preventer and repair of three backflow preventers at Jeddito Elementary School (project number 090225001-9999-008BRG).

Background – Gila Bend Unified (Gila Bend ES – replace walk-in cooling unit)

Gila Bend Unified has submitted a Building Renewal Grant request to repair the walk-in cooler in Building 1001 at Gila Bend Elementary School (project number 070224001-1001-012BRG).

Gila Bend Unified, located 65 miles southwest of Phoenix, has two schools. Gila Bend Elementary School is comprised of ten buildings constructed between 1924 and 2010, totaling 72,295 square feet. Building 1001 was built in 1958, totaling 5,967 square feet.

The district received a quote of \$6,231 for this replacement.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Gila Bend Unified (Gila Bend ES – replace walk-in cooling unit)

Staff recommends that Gila Bend Unified be awarded \$6,731 in Building Renewal Grant funding for the replacement of the walk-in cooling unit in Building 1001 at Gila Bend Elementary School (project number 070224001-1001-012BRG). This amount includes \$500 in contingency that will only be used with SFB staff approval.

Background – Tanque Verde Unified (Tanque Verde HS – replace fire alarm panel) Request 1 of 2

Tanque Verde Unified has submitted a Building Renewal Grant request to replace the fire alarm control panel at Tanque Verde High School (project number 100213002-9999-004BRG).

Tanque Verde Unified, located in Tucson, has four schools. Tanque Verde High School is comprised of thirteen buildings constructed between 1974 and 2012, totaling 94,194 square feet.

The lowest proposal received was \$3,593.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Tanque Verde Unified (Tanque Verde HS – replace fire alarm control panel)

Staff recommends that Tanque Verde Unified be awarded \$4,000 in Building Renewal Grant funding for the replacement of the fire alarm control panel at Tanque Verde High School (project number 100213002-9999-004BRG).

Background – Tanque Verde Unified (Tanque Verde HS – replace lift pump) Request 2 of 2

Tanque Verde Unified has submitted a Building Renewal Grant request to replace a sewer lift station pump for all buildings at Tanque Verde High School (project number 100213002-9999-005BRG).

Tanque Verde Unified, located in Tucson, has four schools. Tanque Verde High School is comprised of thirteen buildings constructed between 1974 and 2012, totaling 94,194 square feet.

The district received a proposal for repair totaling \$4,247, while replacement of the pump would be \$4,532. The district will fund the difference of \$285 for the replacement.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Tanque Verde Unified (Tanque Verde HS – replace lift pump)

Staff recommends that Tanque Verde Unified be awarded \$5,000 in Building Renewal Grant funding for the replacement of the sewer lift pump for all buildings at Tanque Verde High School

(project number 100213002-9999-005BRG). This includes \$753 in contingency that will only be used with SFB staff approval. The district will contribute \$285 towards the project, which brings the total project cost to \$5,285.

Board Action Requested: [] information [X] action / described below

1. Board ratification that **Cedar Unified** be awarded \$8,351 in Building Renewal Grant funding for the replacement of one backflow preventer and repair of three backflow preventers at Jeddito Elementary School (project number 090225001-9999-008BRG).
2. Board ratification that **Gila Bend Unified** be awarded \$6,731 in Building Renewal Grant funding for the replacement of the walk-in cooling unit in Building 1001 at Gila Bend Elementary School (project number 070224001-1001-012BRG). This amount includes \$500 in contingency that will only be used with SFB staff approval.
3. Board ratification that **Tanque Verde Unified** be awarded \$4,000 in Building Renewal Grant funding for the replacement of the fire alarm control panel at Tanque Verde High School (project number 100213002-9999-004BRG).
4. Board ratification that **Tanque Verde Unified** be awarded \$5,000 in Building Renewal Grant funding for the replacement of the sewer lift pump for all buildings at Tanque Verde High School (project number 100213002-9999-005BRG). This includes \$753 in contingency that will only be used with SFB staff approval. The district will contribute \$285 towards the project, which brings the total project cost to \$5,285.

Attachments: Yes [X] No []

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: Cedar Unified
BRG Project Number: 090225001-9999-008BRG Navajo County
Project Description: Replace/repair four backflow preventers
Consultant: n/a
Contractor: Mountain High Plumbing (928-774-3593)
 Executive Director award: 4/14/2015
 Board ratification: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:		\$ 8,351
Contingency ①		\$ -
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 8,351
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 8,351
Total Project Cost:		\$ 8,351

① Contingency shall only be used with SFB staff approval.

School Facilities Board
SFB BR 900-08

BUILDING RENEWAL GRANT
Project Application Form

Building Renewal Grant Application

Initial Submission Date: 4/14/2015 10:23:15 AM

Application ID: 1981

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Cedar Unified District
Superintendent: Kimberly Randall
Contact Person: Kimberly Randall
Contact Phone Number: 602-812-0826
Contact Email: krandall@cUSD25.k12.az.us
School Site: Jeddito School
Buildings: 9999 School Wide

Application Title: Backflow preventer failure

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Annual required inspection revealed that Federal drinking water requirement could not be met through rebuild the valve. Replacement is required at a cost of \$6553.

Project Category: Plumbing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Project not covered by insurance.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Kimberly A. Randall
Superintendent Printed Name

[Signature]
Superintendent Signature

4/14/15
Date

P.O. Box 1477
Flagstaff, Arizona 86002
(928) 774-3593



NO. 53977

Licensed
Bonded / Insured
Dual License Com. & Res.

Jedro Unified School

For All Your Plumbing, Heating,
AC/Refrigeration Needs

Jim Velez - Owner

Bill To: Jedro School Phone: 928-738-2367 Date: 4/13/15
Address: M. P 408 Hwy 2104 P.O. #: _____ Check # _____
City: KEENS CANYON State: AZ Zip: 86034 Fax/Cell# 928-738-5404
Job: _____ Job Location: _____ Job Phone: _____

JOB DESCRIPTION:	NO.	MATERIALS	AMOUNT
<u>SEWER AND INSTALL 4" WASTE 909 REP.</u>	<u>1</u>	<u>4" waste 909</u>	<u>\$3318.21</u>
<u>RELIEF 32 closed tight #2 0.7</u>			
WORK PERFORMED: <u>Pass</u>			
<u>Client to Chandler to get unit, stopped back in Flagstaff to get help and jacks went to Keans canyon and replaced.</u>			
<u>Arrival Time: bf. tested no leaks butterfly valve stuck closed took apart</u>			
<u>Job Completion Time: and got open tested bf. its fine</u>		TOTAL MATERIALS	\$3318.21

RECOMMENDATIONS:

Misc Charge FSL \$ 120.00

L	Regular Time	<u>Chris</u> Hrs.	<u>14</u> <u>25</u>
A		<u>Joey</u> Hrs.	<u>237</u> <u>50</u>
B		<u>DAVE</u> Hrs.	<u>1021</u> <u>25</u>
O	Overtime	Hrs.	
R		Hrs.	
Subtotal			<u>6193</u> <u>21</u>
Tax			<u>360</u> <u>33</u>
Total Amount Due			<u>\$6553.54</u> *

The undersigned buyer ("Buyer") acknowledges that he/she has authorized the work performed by Mountain High Plumbing, Inc. ("Mountain High"), as outlined above, and that said work has been performed in a satisfactory manner. Buyer hereby guarantees payment to Mountain High for all services, materials and equipment furnished to Buyer hereunder. It is further agreed that Mountain High Plumbing shall retain ownership of all material and equipment furnished to Buyer in connection with the work performed by Mountain High until payment is received in full, and if payment is not made as agreed upon, Mountain High shall remove said material and equipment and Buyer will hold Mountain High harmless for any damages resulting from the removal thereof.

In the event any party shall bring an action in connection with the performance, breach or interruption of this agreement, or in any way related to the subject matter of this agreement, it is agreed that the prevailing party in such action shall be entitled to recover from the losing party all reasonable costs and expenses of litigation, including attorneys' fees, expert witness' fees, court costs, costs of investigation, accounting, and other costs reasonably related to such litigation, which shall be determined by the court in such litigation, or legal proceeding or in a separate action brought for that purpose. It is further agreed that this agreement shall be construed in accordance with the laws of the State of Arizona, and that venue in any action brought in connection with the performance, breach or interruption of this agreement shall lie exclusively in Coconino County.

Payment to Mountain High shall be due upon completion of the work performed or presentation of an invoice to Buyer, and a service fee of one and a half percent (1 1/2 %) per month, shall be charged on all past due account balances.

Any discrepancies must be addressed within 10 days of completion of work.

Customer's Pre-Authorization _____ Date _____
Customer Signature _____ Date Completed _____

Thank You

JARS

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Gila Bend Unified**
 BRG Project Number: 070224001-1001-012BRG
 Project Description: Replace walk-in cooling unit
 Consultant: n/a
 Contractor: A Quality HVAC (623-853-1482)

Maricopa County

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 6,231
Contingency ①		\$ 500
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 6,731
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 6,731
Total Project Cost:		\$ 6,731

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 4/2/2015 7:57:56 AM

Application ID: 1964

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Gila Bend Unified District
Superintendent: Lynnette Michalski
Contact Person: Anna-Marie Perry
Contact Phone Number: 928-683-2225 ext126
Contact Email: anna-mariep@gbusd.org
School Site: Gila Bend Elementary
Buildings: 1001 Building H

Application Title: Walk In Cooler

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Condenser for cafeteria walk in cooler went out. The unit is over 20 years old.

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Lynnette Michalski
Superintendent Printed Name

Lynnette Michalski
Superintendent Signature

4/27/15
Date



1300 S Litchfield Rd #A480 Goodyear AZ, 85338
ROC ~ 255314 ~ 255315 ~ 255316

www.AQualityHVAC.org
Office (623)853-1482
Fax (623)393-0121

Gila Bend School
Walk-in Cooler
04-01-2015

The following is a proposal to replace the system for the walk in cooler. We will reclaim and properly dispose of existing system as per EPA standards. We will install a new system, braze into existing line set then preform a pressure test to insure there are no leaks. Once unit passes inspection we will fully charge system and runt and test.

Our price includes:

- New Evaporator
- New Condenser
- Refrigerant
- Reclaim, Brazing materials, nitrogen & miscellaneous materials
- Thermostat
- Labor (2) Technicians 8-10 hours

Total price is \$6,231.00 (six thousand two hundred thirty one dollars & 00/100)

Please contact our office with any questions.

Print name

_____/_____/_____
Date:

Signature

*Proposal pricing is good for (30) days of quote.

Thank you for this business opportunity

Bryan Cary ~ A Quality HVAC Services LLC

A Quality HVAC Services LLC ~ 1300 S Litchfield Rd #A480 Goodyear AZ, 85338
ROC ~ 255314 ~ 255315 ~ 255316

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 Building Renewal Grant Fund

District: Tanque Verde Unified
Project Number: 100213002-9999-004BRG Pima County
Project Description: Replace fire alarm control panel
Architect of Record: n/a
Contractor: Climatec (520-352-5225)
Executive Authority: 4/6/2015
Board Ratification: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost	\$ 4,000
Contingency ①	\$ -
Architecture / Engineering (A&E) Fees Lump Sum Fee	\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ -
Total SFB Funded Project Cost:	\$ 4,000
District Share (Local Funds):	\$ -
SFB Board Approved Amount:	\$ 4,000
Total Project Cost:	\$ 4,000

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 4/6/2015 8:55:02 AM

Application ID: 1965

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Tanque Verde Unified District
Superintendent: Doug Price
Contact Person: Adam Hamm
Contact Phone Number: 520-749-5751 x4301
Contact Email: ahamm@tanq.org
School Site: Tanque Verde High School (formerly Emily Gray JH)
Buildings: 9999 School Wide

Application Title: Fire panel replacement

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Tanque Verde SD is in need of a new fire control panel. Attached you will find the history of the panel and constant need and attempt to repair the existing panel through the local company Firetrol.

Project Category: Special Systems

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

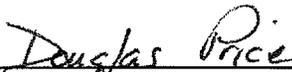
Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Liaison: Cruse

pcruse@azsfb.gov

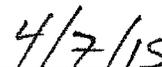
602-364-1193



Superintendent Printed Name



Superintendent Signature



Date



CLIMATEC[®] Proposal

Climatec, LLC
 4585 South Coach Drive, Suite 101
 Tucson, AZ, 85714
 Telephone: 520-352-5225
 Email: tucsonservice@climatec.com
 123524-L11

TO: TANQUE VERDE UNIFIED SCHL
RE: SITE: TANQUE VERDE UNIFIED SCHL
ATTN: Adam Hamm
CONTACT:

DATE: 3/26/2015
PROJECT: High School Fire Alarm
PROPOSAL # 15-010326-01

General Description

Climatec, LLC Proposes the following scope of work based on the evaluation by Victor Ross at the High School: 1) Remove and replace discontinued EST2 head end with a iO500GD. This head end will be compatible with all existing field devices, thus none will need to be replaced. 2) Two technicians needed for install and programing of the new head end.

Major Systems

Parts

<u>Quantity</u>	<u>Description</u>	<u>Unit Price</u>	<u>Discount %</u>	<u>Extended Price</u>
1.00	FACP, 1 intelligent Loop supporting 125 detectors/125 modules, 2nd loop optional, 4 Class B NAC's, 6	\$1,392.29		\$1,392.29
Parts Sub Total:				\$1,392.29

Labor

<u>Hours</u>	<u>Description</u>	<u>Unit Price</u>	<u>Extended Price</u>
20.0	Labor Charge	\$110.00	\$2,200.00
Labor Sub Total:			\$2,200.00
Grand Total:			<u>\$3,592.29</u>

Clarifications

- 1) Two technicians are needed for the above scope of work.
- 2) If other issues are found onsite other than those listed in this proposal, a new proposal will be provided to the customer to address new issues.
- 3)Climatec can send the head end on the EST 2 in for repair, however, there is a four week lead time. Replacing the head end with the iO500 will allow for less down time and repair within less than two weeks.

Exclusions

- 1) After Hours.



Proposal

Climatec, LLC
4585 South Coach Drive, Suite 101
Tucson, AZ, 85714
Telephone: 520-352-5225
Email: tucsonservice@climatec.com
123524-L11

Climatec, LLC

Submitted By:

Kate Randall **3/26/2015**

Name: **Date:**

Kate Randall **3/26/2015**

Signature: **Date:**

Service Coordinator Sr.

Title:

Customer

Approved By:

Name: **Date:**

Signature: **Date:**

Title:



Proposal

Climatec, LLC
4585 South Coach Drive, Suite 101
Tucson, AZ, 85714
Telephone: 520-352-5225
Email: tucsonservice@climatec.com
123524-L11

Terms and Conditions

1. **SCOPE OF WORK.** This proposal is valid for 60 days from date of proposal. Beyond that time Climatec reserves the right to revise any or all portions of it. This proposal is based upon the use of straight time only unless stated otherwise in this proposal. Plastering, patching and painting are excluded unless stated otherwise in this proposal. "In-line" duct and piping devices, including but not limited to valves, dampers, humidifiers, wells, taps, flow meters, orifices, etc., if required hereunder to be furnished by Climatec Building Technologies Group (Climatec), shall be distributed to and installed by others under Climatec's supervision but at no additional cost to Climatec. Purchaser agrees to provide Climatec with required field utilities (electricity, toilets, drinking water, project hoist, elevator service, etc.) without charge. Climatec agrees the jobsite clean of debris arising out of its own operations. Purchaser shall not back charge Climatec for any cost or expenses without Climatec's written consent. Unless specifically noted in the statement of the scope of the work or services undertaken by Climatec under this agreement, Climatec's obligations under this agreement expressly exclude any work or service nature associated or connected with the identification, abatement, clean up, control, removal or disposal of environment Hazards or dangerous substances, to include but not to be limited to asbestos, PCBs, or discovered in or on the premises. Any language or provision of the agreement elsewhere contained which may authorize or empower the Purchaser to change, modify or alter the scope of work or services to be performed by Climatec shall not operate to compel Climatec to perform any work relating to Hazards without Climatec's express written consent.
2. **INVOICING & PAYMENTS.** Climatec may invoice Purchaser for all materials delivered to the job site or to an off-site storage facility and for the work performed on-site and off-site. Purchaser agrees to pay Climatec amounts invoiced upon receipt of invoice. Waivers of lien will be furnished upon request, as the work progresses; to the extent payments are received. If Climatec's invoice is not paid within 30 days of its issuance, delinquent and Climatec shall add 1% per month interest onto delinquent amounts.
3. **MATERIALS.** If the materials or equipment included in this proposal become temporarily or permanently unavailable, the time for performance of the work shall be extended to the extent thereof, and in case permanent unavailability, Climatec shall (a) be excused from furnishing said materials or equipment, and (b) be reimbursed for the difference between the cost of the materials or equipment permanently unavailable and the cost of a reasonable substitute therefore.
4. **WARRANTY.** Climatec warrants that the equipment manufactured by it shall be free from defects in material and workmanship arising from normal usage for a period of one (1) year from delivery of said equipment, or if installed by Climatec, for a period of one (1) year from the installation date. Climatec warrants that for equipment furnished and/or installed but NOT manufactured by Climatec, Climatec will extend the same warranty and terms and conditions, which Climatec receives from the manufacturer of said equipment. For equipment installed by Climatec, if Purchaser provides written notice to Climatec of any such defects thirty (30) days after the appearance or discovery of such defect, Climatec shall, at its option, repair or replace the defective equipment and return said equipment to Purchaser. All transportation charges incurred connection with the warranty for equipment not installed by Climatec shall be borne by Purchaser. These warranties do not extend to any equipment which has been repaired by others, abused, altered or misused, which has not been properly and reasonably maintained. THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THOSE OF MERCHANABILITY FITNESS FOR A SPECIFIC PURPOSE.
5. **LIABILITY.** Climatec shall not be liable for any special, indirect, or consequential damages arising in any manner from the equipment or material furnished or the work performed pursuant to this agreement.
6. **TAXES.** The price of this proposal does not include duties, sale, use, excise or other similar taxes unless required by federal, state or local laws unless stated otherwise in this proposal. Purchaser shall pay, in to the stated price, all taxes not legally required to be paid by Climatec or, alternatively, shall provide Climatec with acceptable tax exemption certificates. Climatec shall provide Purchaser with any tax payment certificate upon request and after completion and acceptance of the work.
7. **DELAYS.** Climatec shall not be liable for any delay in the performance of the work resulting from or attributed to acts of circumstance beyond Climatec's control, including but not limited to acts of God, file riots, labor disputes, conditions of the premises, acts or omissions of the Purchaser, Owner or other Contractors or delays caused by suppliers or subcontractors or Climatec, etc.
8. **COMPLIANCE WITH LAWS.** Climatec shall comply with all applicable federal, state, and local laws and regulations. All licenses and permits required for the prosecution of the work shall be obtained and paid the purchaser unless stated otherwise in this proposal.
9. **DISPUTES.** All disputes involving more than \$15,000 shall be resolved by arbitration in accordance with the rules of the American Arbitration Association. The prevailing party shall recover all legal costs and fees incurred as a result. Nothing here shall limit any rights under construction lien laws.
10. **INSURANCE.** Insurance coverage in excess of Climatec's standard limits will be furnished when requested and required and at Climatec's discretion the costs of this additional insurance may be passed on to Purchaser. No credit will be given or premium paid by Climatec for insurance afforded by others.
11. **INDEMNITY.** The Parties hereto agree to indemnify each other from any and all liabilities, claims, expenses, losses or damages, including attorney's fees which may arise in connection with the execution of herein specified and which are caused, in whole or in part by the negligent act or omission of the indemnifying Party.
12. **OCCUPATIONAL SAFETY AND HEALTH.** The Parties hereto agree to notify each other immediately upon becoming aware of an inspection under, or any alleged violation of, the Occupational Safety and Health (OSHA) relating in any way to the project or project site.
13. **ENTIRE AGREEMENT.** This proposal, upon acceptance, shall constitute the entire agreement between the parties and supersedes any prior representations or understandings.



Proposal

Climatec, LLC
4585 South Coach Drive, Suite 101
Tucson, AZ, 85714
Telephone: 520-352-5225
Email: tucsonservice@climatec.com
123524-L11

14. CHANGES. No change or modification of any of the terms and conditions stated herein shall be binding upon Climatec unless accepted by Climatec in writing. 15. SEVERABILITY. If one or more of the provision of this agreement are held to be unenforceable under laws, such provision(s) shall be excluded from these terms and conditions and the remaining terms and conditions shall be interpreted as if such provision were so excluded and shall be enforced in accordance to their terms and conditions.

15. SEVERABILITY. If one or more of the provision of this agreement are held to be unenforceable under laws, such provision(s) shall be excluded from these terms and conditions and the remaining terms and conditions shall be interpreted as if such provision were so excluded and shall be enforced in accordance to their terms and conditions.

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Tanque Verde Unified**
Project Number: 100213002-9999-005BRG Pima County
Project Description: Replace lift pump
Architect of Record: n/a
Contractor: Bestway Electric Motor Service Co. Inc. (520-884-9141)
Executive Authority: 4/6/2015
Board Ratification: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost	\$ 4,247
Contingency ①	\$ 753
Architecture / Engineering (A&E) Fees Lump Sum Fee	\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ -
Total SFB Funded Project Cost:	\$ 5,000
District Share (Local Funds):	\$ 285
SFB Board Approved Amount:	\$ 5,000
Total Project Cost:	\$ 5,285

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 4/6/2015 10:22:36 AM

Application ID: 1966

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Tanque Verde Unified District
Superintendent: Doug Price
Contact Person: Adam Hamm
Contact Phone Number: 520-749-5751 x4301
Contact Email: ahamm@tanq.org
School Site: Tanque Verde High School (formerly Emily Gray JH)
Buildings: 9999 School Wide

Application Title: Lift pump replacement

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Pump #2 went out at the High School. With only one pump operational the District needs to get the second one back in as soon as possible. The attached quote shows both a repair and replacement option. The District would like to replace the pump with a new one and will pay the difference of \$285.68.

Project Category: Plumbing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project	\$285.68
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Please outline any associated insurance coverage.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Douglas Price
Superintendent Printed Name

Douglas Price
Superintendent Signature

4/7/15
Date



Bestway Electric Motor Service Co., Inc.

728 S. Campbell Ave. Tucson, Arizona 85719
PHONE: 520.884.9141 / FAX: 520.884.1850 / License No. ROC180818 L-29



March 25, 2015

Tanque Verde Unified School District
RE: Tanque Verde High School Sewage Lift Station

Currently the sewage lift station at Tanque Verde High School has only one pump operating at this time. The second pump was been pulled and brought back to our shop for inspections. We have quoted the repairs to the second pump vs replacing the pump with new pump. That lift station is designed to operate with two working pumps at all times. If sewage demands are greater then what that one pump can handle then damages can occur to said pump. Which may cause an overflow of the lift station onto the football field, causing an environmental spill, resulting in a cleanup that can be costly and time consuming. We highly recommend getting the second pump repaired or a new pump purchased and installed as soon as possible.

Thank you,
Hal Harris
Field Service Supervisor
(520) 884-9141

STATE OF ARIZONA
SCHOOL FACILITIES BOARD

Meeting date: May 6, 2015

Agenda Item VI.b.

Subject: VI. Building Renewal Grant Requests

- b. Consideration and possible vote to ratify the Executive Director's awards of Building Renewal Grant funds as authorized by the Building Renewal Grant Policy IX.C. (up to \$30,000 for investigation) (including supplemental award)

Globe Unified

Background – Globe Unified (High Desert MS – correct VCT flooring issues)

Globe Unified has submitted a Building Renewal Grant request to correct VCT flooring issues in all buildings at High Desert Middle School (project number 040201105-9999-005BRG).

Globe Unified, located 85 miles east of Phoenix, consists of four schools. High Desert Middle School is comprised of three buildings constructed in 2004, totaling 83,344 square feet.

Staff visited the school on two occasions and met with the architect of record and the school district to determine a course of action. It appears that the building slabs are retaining moisture and causing the tile mastic to fail. As a result, the floor tiles are failing as well.

The first step is the environmental testing at an estimated cost of \$11,802. Executive Authority was invoked on 4/23/2015 to award \$15,000 (includes \$3,198 contingency) to start the testing.

The second step is soils testing to determine if moisture is present under the building slabs. At the same time, the architect and engineer will be looking at all the domestic and irrigation lines that run under and around the buildings. Once the source of the moisture is determined a plan will be put in place to mitigate the issue and address the cleanup of the damaged tile floors.

Executive Authority 4/23/2015

Environmental testing	\$11,802
<u>Contingency</u>	<u>\$3,198</u>
Total:	\$15,000

Supplemental funding requested:

Geotechnical investigation	\$14,955
<u>Contingency</u>	<u>\$28,000</u>
Total supplemental funding requested:	\$42,955

Total project cost:	\$57,955
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Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Globe Unified (High Desert MS – correct VCT flooring issues)

Staff recommends that Globe Unified be awarded \$15,000 in Building Renewal Grant funding for environmental testing and Board approval to award an additional \$42,955 for a geotechnical investigation to correct the VCT flooring issues in all three buildings at High Desert Middle School (project number 040201105-9999-005BRG). This includes \$31,198 in contingency that shall only be used with SFB staff approval.

Board Action Requested: [] information [X] action / described below

Board ratification that Globe Unified be awarded \$15,000 in Building Renewal Grant funding for environmental testing and Board approval to award an additional \$42,955 for a geotechnical investigation to correct the VCT flooring issues in all three buildings at High Desert Middle School (project number 040201105-9999-005BRG). This includes \$31,198 in contingency that shall only be used with SFB staff approval.

Attachments: Yes [X] No []

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Globe Unified**
 BRG Project Number: 040201105-9999-005BRG
 Project Description: **Correct VCT flooring issues**
 Consultant: Dominion (623-516-1415)
 Contractor: TBD
 Executive Authority: 4/23/2015
 Board ratification: 5/6/2015

Gila County

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:	\$ -
Contingency ①	\$ 31,198
Additional Cost:	
Architecture / Engineering (A&E) Fees	\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ 14,955
Testing & Inspection	\$ 11,802
Total Additional Cost:	\$ 26,757
Total SFB Funded Project Cost:	\$ 57,955
District or Local Funds:	\$ -
SFB Board Approved Amount:	\$ 57,955
Total Project Cost:	\$ 57,955

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 4/23/2015 11:25:05 AM

Application ID: 2000

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Globe Unified District
Superintendent: Jerry Jennex
Contact Person: Lee Kinnard
Contact Phone Number: 928-402-6080
Contact Email: lee.kinnard@globeschools.org
School Site: High Desert Middle school
Buildings: 9999 School Wide

Application Title: VCT Flooring

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

The VCT tiles are lifting and cracking throughout the school.

Project Category: Surfaces

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Insurance had said that the problem was caused by the floor cleaning machine and would not accept the claim.

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

JERRY JENNEX

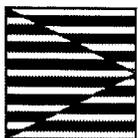
Superintendent Printed Name

Jerry Jennex

Superintendent Signature

4-23-2015

Date



DOMINION

April 22, 2015

Mr. Jerry Jennex
Globe Unified School District #1
455 North Willow Street
Globe, Arizona 85501

Re: Estimated Fee Proposal
Initial Fungal, Bacteria and Asbestos Investigation
High Desert Middle School
Globe, Arizona

Dear Mr. Jennex,

Pursuant to your request, the following is an estimated fee proposal to perform an initial fungal, bacteria and asbestos investigation at the above referenced location. According to the information supplied to Dominion, there are three (3) buildings that equal approximately 83,000 sq. ft., that have experienced damage from possible moisture coming up through the concrete floor slab. The Globe Unified School District has requested Dominion Environmental Consultants Inc. (Dominion), to perform an initial investigation of the building to include: a visual inspection, moisture inspection, random fungal air sampling, tape lift surface sampling, bacteria surface swab sampling, asbestos bulk sampling and a final investigation report.

Based on the above referenced information, the estimated fee proposal and scope of work are as follows:

30 Microbiologist Labor Hours @ \$75.00 Per Hour	\$ 2,250.00
4 Labor Hours, Program Manager @ \$85.00 Per Hour	\$ 340.00
17 Air-O-Cell Air Samples @ \$45.00 Per Sample	\$ 765.00
20 Tape Lift Samples @ \$30.00 Per Sample	\$ 600.00
9 Bacteria Swab Samples @ \$70.00 Per Sample	\$ 630.00
90 PLM Bulk Samples @ \$15.00 Per Sample	\$ 1,350.00
24 Labor Hours, Certified Field Technician - Sampling Report @ \$75.00 Per Hour	\$ 1,800.00
6 Labor Hours, Certified Industrial Hygienist - Remediation Protocol @ \$105.00 Per Hour	\$ 630.00
4 Labor Hours, Senior Project Oversight @ \$105.00 Per Hour	\$ 420.00
660 Miles @ \$0.45 Per Mile	\$ 297.00
1 Subcontractor to Remove and Replace 3 Cabinets & Cut and Replace 10 Inspection Holes	\$ 2,400.00
8 Labor Hours, Clerical @ \$40.00 Per Hour	<u>\$ 320.00</u>

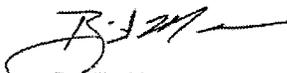
TOTAL ESTIMATED FEE PROPOSAL \$ 11,802.00

While the above referenced labor hours and samples have been estimated, the client will only be billed for the labor hours and samples needed to complete the project. If any additional labor hours or samples are needed, Dominion will obtain verbal or written approval from the client prior to exceeding this estimated fee proposal.

Thank you for allowing Dominion the opportunity to provide you with this fee proposal. If you should have any questions or need any additional information, please contact me at any time.

Sincerely,

Dominion Environmental Consultants, Inc.

By 
Basilio Marcos
Vice President

April 24, 2015

Mr. Dean Gray
Executive Director
State of Arizona School Facilities Board
1700 West Washington Street, Suite 104
Phoenix, Arizona 85007

Re: Architectural services for Globe High Desert Middle School

Dear Mr. Gray:

Orcutt Winslow would like to thank you for giving us the opportunity to work with AZSFB and Globe Unified School District. Based on our conversation we have put together an Architectural/Civil fee proposal for investigating and fixing the water moisture issues at the concrete slabs. Your investment in our services is based on the following.

GENERAL PROJECT DESCRIPTION

Provision of Architecture & Civil Engineering Services include walk through around the project site and buildings to verify existing grades and determine that water is flowing around the buildings. Soils engineers will do test boring on the inside of building slab and exterior of the site to determine compaction of sub grades and determine moisture content of the existing soil.

O|W will also provide Masonry wall coping detail and color scheme to repaint the entire campus.

Scope of Services

- | | |
|--|--------------------|
| 1. Walk existing building and site to determine grading and water flow is consistent with plans and draining away from the building and provide a report | \$ 1,705.00 * |
| 2. Provide test boring as outlined in RAM's proposal | \$ 13,250.00 * |
| 3. Masonry Coping detail for all Buildings | \$ 2,700.00 |
| 4. <u>Painting specifications and color scheme for all Buildings</u> | <u>\$ 5,400.00</u> |
| Total: | \$ 23,055.00 |

Estimated Construction cost for the project will be determined after the site visit and report.

Reimbursable Expenses

There will be no reimbursable expenses for this project.

FORM OF AGREEMENT

This Proposal is based upon the terms of an Orcutt | Winslow modified AIA B101-2007 Standard Form of Agreement Between Owner and Architect.

3003 n central ave
sixteenth floor
phoenix az 85012
602 257 1764 t
602 257 9029 f
www.owp.com

Mr. Dean Gray
April 24, 2015
Page 2

We believe this Fee Proposal addresses the Scope to investigate the issues as described above. We look forward to working with you in developing a successful Project. If this Proposal meets your approval, please sign below and return one copy to our office.

Attached please find proposals from Ricker, Atkinson and McBee and Hess Rountree.

Please feel free to call if you have any questions or need further information in regards to this Proposal.

Sincerely,



Vispi Karanjia
Managing Partner

VK/LL

cc: Mr. Gerry Breuer, AZSFB Liaison for Globe Unified School District
cc: Mr. Lee Kinnard, Facilities Coordinator, GUSD#1

Accepted by:

Mr. Dean Gray

Date:



HESS - ROUNTREE, INC.
Consulting Engineers & Land Surveyors
9831 South 51st Street, Suite C110
Phoenix, Arizona 85044

Doug Osborn, P.E.
President

Russell A. Johnson, R.L.S.
Vice President - Surveying

April 24, 2015

Orcutt/Winslow
3003 N. Central Avenue, 16th Floor
Phoenix, AZ 85012

ATTN: Vispi Karanija, Managing Partner

RE: PROPOSAL FOR GLOBE MIDDLE SCHOOL
INVESTIGATION OF MOISTURE IN CONCRETE SLABS

Dear Vispi,

Thank you for the opportunity to submit a proposal for the above-referenced project. We see our scope of services and associated fees as follows:

A. CIVIL INVESTIGATION

We will provide a site visit to inspect the site grading, drainage and storm drainage system. We will look for any areas that may not be draining correctly and that may be contributing to moisture in the concrete slabs. We will visually compare the existing conditions to the original design plans. We will inspect the storm drainage system to make sure the grates are not buried and the pipes are not filled with sediment. We will prepare a report of our findings and attend a following up meeting.

FEE: \$ 1,705.00

A work hour estimate is attached for your review.

If the above meets with your approval, please send us a contract under our master agreement.

Sincerely,
HESS-ROUNTREE, INC.


Doug Osborn, P.E.
President

DO:sl



HESS - ROUNTREE, INC.
Consulting Engineers & Land Surveyors
9831 South 51st Street, Suite C110
Phoenix, Arizona 85044

WORK HOUR ESTIMATE

Project: Globe Middle School

Date: 4/24/15

DESCRIPTION	PERSON	HOURS	RATE	COST
Meeting at O/W	PE	2	\$ 110.00	\$ 220.00
Site Visit	PE	8	\$ 110.00	\$ 880.00
Report	PE	3	\$ 110.00	\$ 330.00
Follow up Meeting with O/W & SFB	PE	2.5	\$ 110.00	\$ 275.00
TOTAL				\$ 1,705.00

RLS = Registered Land Surveyor
3MFC = Three Man Field Crew
CADD = CADD Drafter

PE = Professional Engineer
2MFC = 2 Man Field Crew
INS = Inspector

ST = Survey Technician



R·A·M·M

RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.
Geotechnical Engineering • Construction Materials Testing

The Orcutt/Winslow Partnership
3003 North Central Avenue, 16th Floor
Phoenix, Arizona 85012

April 24, 2015

Attention: Vispi Karanjia, Managing Partner, email (karanjia.v@owp.com)

Re: Proposal for Geotechnical Engineering Services RAMM Proposal No. PG15406
Moisture Evaluation – Exterior
High Desert Middle School
4000 High Desert Drive
Globe, Arizona

Ricker, Atkinson, McBee, Morman & Associates, Inc. is pleased to submit this proposal to conduct Geotechnical Engineering Services for the above-referenced project.

If this proposal meets with your approval, please sign, date and return one copy of the enclosed Attachment "A", which outlines project description, our scope of services, completion time and fee to perform services.

If there are any questions regarding the proposed scope of work, please call. Thank you for considering our firm for this project.

Respectfully submitted,

RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.

Kenneth L. Ricker, P.E.

/dh

RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.

ATTACHMENT "A" Proposal for Geotechnical Engineering Services

For: The Orcutt/Winslow Partnership

RAMM Proposal No. PG15406

PROJECT: Moisture Evaluation – Exterior
High Desert Middle School
4000 High Desert Drive
Globe, Arizona

DESCRIPTION:

The existing school was constructed in 2005. Since construction several areas in the building have experienced moisture accumulation between the tile cover and the concrete slab-on-grade floors. In February 2014, we performed an "Evaluation of Floor Tile Damage" which concluded that moisture vapor was causing the problem. In order to evaluate if the source of the moisture was from exterior storm waters and/or some type of subsurface flows, we have prepared this proposal. As part of this proposal preparation, we have determined the locations and depths of the site cuts and fills around the building perimeter.

SCOPE OF SERVICES:

1. Test borings will be performed to determine subsurface conditions around the existing buildings and obtain representative samples for laboratory analyses. The following seven test borings 20 to 25 feet in depth are proposed.

Building 100/200	1 ½ ' cut to 17' fill
Building 300	8 ½ ' cut to 1' fill
Building 400	7' cut to 1' fill

Test Boring	Location	Cut/Fill Depth	Test Boring Depth (feet)
1	North of Building 100/200	17' Fill	25
2	North of Building 300 and Southwest of Building 100/200	0'	20
3	South of Building 100/200 and North of Building 400	3' Fill	20
4	East of Building 100/200	7' Fill	20
5	South of Building 300	8.5' Cut	20
6	East of Building 300 and West of Building 400 at South End of Building 300	7.5' Cut	20
7	South and East of Building 400 in Retention Basin	6.5' Cut	20
		Total	145

Test Borings will be Blue Staked. Site access and on-site utility locations will be provided by you and/or the District. Compressed air operated ODEX down hole hammer with casing advancer will be used for drilling and samples will be obtained using a split spoon sampler at 2.5-foot intervals to depths of 10 feet starting at 0 feet and 5-foot intervals below 10 feet. If encountered, the depth to groundwater will be measured.

RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.

ATTACHMENT "A" Proposal for Geotechnical Engineering Services

For: The Orcutt/Winslow Partnership

RAMM Proposal No. PG15406

PROJECT: Moisture Evaluation – Exterior
High Desert Middle School
4000 High Desert Drive
Globe, Arizona

2. Laboratory analyses of representative samples will include:

Moisture Content
Minus No. 200 Sieve and Plasticity Index
Standard Proctor

3. The field and laboratory data will be used in our engineering evaluation.

4. An Engineer's report will be provided presenting the results of the field and laboratory testing and our evaluation as to the probable source of water.

COMPLETION TIME:

Final report approximately 2 to 3 weeks after authorized to proceed.

FEE: \$ 13,250.00

The undersigned agrees to the forgoing Scope and Fee.

RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.

By: _____

Kenneth L. Ricker, P.E., Project Engineer

Client: _____

By: _____

Date: _____

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting date: May 6, 2015

Agenda Item VI.c.

Subject: VI. Building Renewal Grant Requests
c. **Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests (supplemental awards)**

**Dysart Unified (2 requests)
Gila Bend Unified
Hayden-Winkelman Unified
Kirkland Elementary
Pomerene Elementary
Scottsdale Unified
Sonoita Elementary
Tolleson Elementary
Tucson Unified**

Background – Dysart Unified (Dysart ES – roof repair/restoration) Request 1 of 2

On April 1, 2015, the Board awarded Dysart Unified \$28,637 to provide professional services for repair / restoration of the roofs on all buildings at Dysart Elementary School (project number 070289101-9999-003BRG).

Staff agrees with the design for the restoration. The district will receive a 10 year roof warranty. During the structural review of the building, it was determined that significant structural repairs will be required as part of this project.

Initial Award 4/1/2015

Design/CA/Structural	\$28,637
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Supplemental funding requested:

Estimated Roof Construction Cost	\$352,000
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Estimated Structural Repairs Cost	\$215,000
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<u>Contingency</u>	<u>\$50,000</u>
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Total supplemental funding requested:	\$617,000
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Total project cost:	\$645,637
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Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation– Dysart Unified (Dysart ES – roof repair/restoration)

Staff recommends that Dysart Unified be awarded an additional \$617,000 in Building Renewal Grant funding for roof repair / restoration and structural repairs on all buildings at Dysart Elementary School (project number 070289101-9999-003BRG). This includes \$50,000 in

contingency that will only be used with SFB staff approval and brings the total project cost to \$645,637.

Background – Dysart Unified (El Mirage ES – roof repair/restoration) Request 2 of 2

On April 1, 2015, the Board awarded Dysart Unified \$17,587 to provide professional services for roof repair / restoration on all buildings at El Mirage Elementary School (project number 070289102-9999-004BRG).

Staff agrees with the design to replace the roof and receive a 20 year roof warranty.

Initial Award 4/1/2015	
Design/CA/Structural/CA	\$17,587
Supplemental funding requested:	
Estimated Roof Construction Cost	\$280,000
Asbestos Survey (estimate)	\$5,000
Asbestos Oversight (estimate)	\$6,000
Asbestos Remediation (estimate)	\$15,000
<u>Contingency</u>	<u>\$30,000</u>
Total supplemental funding requested:	\$336,000
Total project cost:	\$353,587

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation– Dysart Unified (El Mirage ES – roof repair/restoration)

Staff recommends that Dysart Unified be awarded an additional \$336,000 in Building Renewal Grant funding to replace the roofs at El Mirage Elementary School (project number 070289102-9999-004BRG). This includes \$30,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$353,587.

Background – Gila Bend Unified (Gila Bend ES – roof, wall and plumbing leak repairs)

On September 3, 2014 and December 10, 2014, the Board awarded Gila Bend Unified a total of \$144,380 (includes \$9,515 in contingency) in Building Renewal Grant funding to assess and survey the condition of the existing water lines, and to repair interior and underground plumbing leaks, wall leaks and roof repairs on the music/library/art Building 1004 at Gila Bend Elementary School (project number 070224001-1004-010BRG).

Further assessment found that the existing roof trusses need a more detailed evaluation before proceeding with the roof repairs. This also requires further testing for hazardous materials.

Initial award 9/3/2014	\$2,380
<u>Supplemental award 12/10/2014</u>	<u>\$142,000</u>
Total:	\$144,380

Supplemental funding requested:	
Structural analysis	\$4,800
Additional engineering trip	\$1,100
Ceiling destruction and repairs (estimate)	\$25,000
Asbestos and mold testing (estimate)	\$10,000
<u>Contingency</u>	<u>\$10,000</u>
Total supplemental funding requested:	\$50,900
 Total project cost:	 \$195,280

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Gila Bend Unified (Gila Bend ES – roof, wall and plumbing leak repairs)

Staff recommends that Gila Bend Unified be awarded an additional \$50,900 In Building Renewal Grant funding for further structural investigation and hazardous materials testing in the music/library/art Building 1004 at Gila Bend Elementary School (project number 070224001-1004-010BRG). This includes \$10,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$192,900.

Background – Hayden-Winkelman Unified (Hayden HS – repair concrete fascia)

On September 11, 2013, the Board awarded Hayden-Winkelman Unified \$100,000 in Building Renewal Grant funding to repair the concrete fascia on Building 1005 at Hayden High School (project number 040241004-1005-003BRG) based on the engineer’s estimate at the start of the initial investigation.

When the in-depth investigation and design phase was started the engineer discovered that more extensive repairs would be necessary. Lead paint was also discovered by the environmental consultant.

The project was publically bid; the lowest bid was \$162,531, which is \$87,531 over the original estimate. Staff estimates an additional \$20,000 is also needed for contingency.

Initial Award 9/11/2013

Design/structural/asbestos	\$20,620
Construction Estimate	\$75,000
<u>Contingency</u>	<u>\$4,380</u>
Total	\$100,000

Supplemental funding requested:	
Low bid	\$162,531
Construction estimate	(\$75,000)
<u>Contingency</u>	<u>\$20,000</u>
Total supplemental funding requested:	\$107,531

Total project cost:	\$207,531
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Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Hayden Winkelman Unified (Hayden HS – repair concrete fascia)

Staff recommends that Hayden-Winkelman Unified be awarded an additional \$107,531 in Building Renewal Grant funding for the concrete fascia repair on Building 1005 at Hayden High School (project number 040241004-1005-003BRG). This includes \$20,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$207,531.

Background – Kirkland Elementary (Kirkland ES – repair domestic water system)

On November 12, 2014 the Board awarded Kirkland Elementary \$5,970 in Building Renewal Grant funding for an engineer to investigate the repairs or upgrades needed to address contamination issues on the existing domestic well system at Kirkland Elementary School (project number 130323001-9999-006BRG).

The investigation is now complete and a number of options have been put forward by the engineer. Staff believes the engineers Alternate 4 to be the safest route to maintain a safe domestic water supply to the school. The estimated cost for this solution is \$232,075 for the construction and \$48,510 for design/construction administration.

Initial award 11/12/2014

Investigation \$5,970

Supplemental funding requested:

Estimated construction cost \$232,075

Design/Construction administration/Permitting \$48,510

Contingency \$10,500

Total supplemental funding requested: \$291,085

Total project cost: \$297,055

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Kirkland Elementary (Kirkland ES – repair domestic water system)

Staff recommends that Kirkland Elementary be awarded an additional \$291,085 in Building Renewal Grant funding for repairs to the domestic water system at Kirkland Elementary School (project number 130323001-9999-006BRG). This includes \$10,500 in contingency that will only be used with SFB staff approval and brings the total project cost to \$297,055.

Background – Pomerene Elementary (Pomerene ES – repair crack in brick wall)

On October 1, 2014 and November 12, 2014, the Board awarded Pomerene Elementary at total of \$6,535 in Building Renewal Grant funding for the initial investigation of a crack in the brick wall of Building 1003 at Pomerene Elementary School (project number 020464101-1003-003).

Additional geotechnical engineering is required to further investigate potential soils issues that appear to have led to cracking in the masonry wall at the northwest corner of the gym building. The cost for this additional investigation of the soil is \$4,900.

Initial award 10/1/2014	
Investigation	\$1,350
<u>Supplemental investigation</u>	<u>\$5,185</u>
Total awarded to date:	\$6,535

Supplemental funding requested:	
Additional geotechnical engineering	\$4,900

Total project cost:	\$11,435
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Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Pomerene Elementary (Pomerene ES – repair crack in brick wall)

Staff recommends that Pomerene Elementary be awarded an additional \$4,900 in Building Renewal Grant funding for the added geotechnical engineering for the investigation of the crack in the brick wall in Building 1003 at Pomerene Elementary School (project number 020464101-1003-003). This brings the total project cost to date to \$11,435.

Background – Scottsdale Unified (Tavan ES – roof replacement)

On January 7, 2015, the Board awarded Scottsdale Unified \$8,115 for professional services to provide an evaluation and construction bid documents/administration to replace roofs on Buildings 1013/1018 (partial replacement) and 1012/1017 at Tavan Elementary School (project number 070248103-9999-031BRG).

The design documents have been completed and staff agrees with the scope of work. The roof consultant has also recommended parapet repairs and roof recoating on Building 1018 that must be accomplished to prevent the failure of the existing 20 year roof.

Initial Award 1/7/2015	
Design	\$8,115

Supplemental funding requested:	
Estimated Construction Cost	\$138,000
<u>Contingency</u>	<u>\$18,000</u>
Total supplemental funding requested:	\$156,000

Total project cost:	\$164,115
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Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation– Scottsdale Unified (Tavan ES – roof replacement)

Staff recommends that Scottsdale Unified be awarded an additional \$156,000 in Building Renewal Grant funding for construction to replace/restore the roofs on Buildings 1013/1018 (partial replacement) and 1012/1017 at Tavan Elementary School (project number 070248103-9999-031BRG). This includes \$18,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$164,115.

Background - Sonoita Elementary (Elgin ES - HVAC replacement)

On April 1, 2015, the Board awarded \$10,000 in Building Renewal Grant funding to Sonoita Elementary for assessment of the existing HVAC system at Elgin Elementary School (project number 120425101-9999-001BRG).

The assessment has been completed and the engineer has provided an estimate of \$37,500 for design services and \$350,000 for replacement of the HVAC system.

Initial award 4/1/2015	
Investigation	\$10,000
Supplemental funding requested:	
Estimated construction cost	\$350,000
Design/Construction administration	\$37,500
<u>Contingency</u>	<u>\$39,500</u>
Total supplemental funding requested:	\$427,000
Total project cost:	\$437,000

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation - Sonoita Elementary (Elgin ES - HVAC replacement)

Staff recommends that Sonoita Elementary be awarded \$427,000 in Building Renewal Grant funding for the replacement of the HVAC system at Elgin Elementary School (project number 120425101-9999-001BRG). This includes \$39,500 in contingency that will only be used with SFB staff approval and brings the total project cost to \$437,000.

Background – Tolleson Elementary (Porfirio H. Gonzales ES – roof replacements)

On March 4, 2015, the Board awarded Tolleson Elementary \$21,505 in Building Renewal Grant funding for investigation, structural evaluation and construction administration services for the replacement of the roofs on Buildings 1006, 1009, 1010, 1011, 1012, 1013, 1014, 1015 and 1016 at Porfirio H, Gonzales Elementary School (project number 070417001-9999-012BRG).

Tolleson Elementary, located 12 miles due west of downtown Phoenix, has four schools. Porfirio H. Gonzales Elementary School is comprised of 16 buildings constructed between 1976 and 2011, totaling 130,867 square feet. Following is a breakdown of each building.

Building No.	Year Built	Square Footage
1006	1992	7,424
1009	1991	4,720
1010	1984	14,464
1011	1996	3,906
1012	1976	5,356
1013	1976	5,722
1014	1996	3,906
1015	1997	8,165
1016	1996	10,376
	Total:	64,039

The roofing consultant's estimate for roof replacement on all buildings is as follows:

Initial award 3/4/2015	
Investigation/structural evaluation/CA	\$21,505
Supplemental funding requested:	
Estimated construction cost	\$456,355
Contingency	\$10,000
Total supplemental funding requested:	\$466,355
Total project cost:	\$487,860

Criteria for Eligibility

Pursuant to ARS §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Tolleson Elementary (Porfirio H. Gonzales ES – roof replacements)

Staff recommends that Tolleson Elementary be awarded an additional \$466,355 in Building Renewal Grant funding to replace the roofs on Buildings 1006, 1009, 1010, 1011, 1012, 1013, 1014, 1015 and 1016 at Porfirio H. Gonzales Elementary School (project number 070417001-9999-012BRG). This includes \$10,000 in contingency that will only be used with SFB staff approval.

Background – Tucson Unified (Gale ES – refurbish cooling tower)

On September 3, 2014, the Board awarded Tucson Unified \$11,900 in Building Renewal Grant funding for the refurbishment of the cooling tower at Gale Elementary School (project number 100201228-1001-007BRG).

As the project progressed, it became apparent that the interior of the tower needed to be recoated. This recoating will extend the tower's life and maximize the return on the cost repairs.

The district received a proposal of \$8,120 for the recoating of the tower.

Initial award 9/3/2014	
Construction repairs	\$10,759
Contingency	\$1,141
Total:	\$11,900

Supplemental funding requested:	
Construction (recoat)	\$8,120
Total additional funding requested:	\$8,120

Total project cost: \$20,020

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Tucson Unified (Gale ES – refurbish cooling tower)

Staff recommends that Tucson Unified be awarded an additional \$8,120 in Building Renewal Grant funding for the recoating of the cooling tower at Gale Elementary School (project number 100201228-1001-007BRG). This brings the total project cost to \$20,020.

Board Action Requested: [] information [X] action / described below

1. Board approval of the staff recommendation that **Dysart Unified** be awarded an additional \$617,000 in Building Renewal Grant funding for roof repair / restoration and structural repairs on all buildings at Dysart Elementary School (project number 070289101-9999-003BRG). This includes \$50,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$645,637.
2. Board approval of the staff recommendation that **Dysart Unified** be awarded an additional \$336,000 in Building Renewal Grant funding to replace the roofs at El Mirage Elementary School (project number 070289102-9999-004BRG). This includes \$30,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$353,587.
3. Board approval of the staff recommendation that **Gila Bend Unified** be awarded an additional \$50,900 In Building Renewal Grant funding for further structural investigation and hazardous materials testing in the music/library/art Building 1004 at Gila Bend Elementary School (project number 070224001-1004-010BRG). This includes \$10,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$192,900.
4. Board approval of the staff recommendation that **Hayden-Winkelman Unified** be awarded an additional \$107,531 in Building Renewal Grant funding for the concrete fascia repair on Building 1005 at Hayden High School (project number 040241004-1005-003BRG). This includes \$20,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$207,531.
5. Board approval of the staff recommendation that **Kirkland Elementary** be awarded an additional \$291,085 in Building Renewal Grant funding for repairs to the domestic water system at Kirkland Elementary School (project number 130323001-9999-006BRG). This includes \$10,500 in contingency that will only be used with SFB staff approval and brings the total project cost to \$297,055.
6. Board approval of the staff recommendation that **Pomerene Elementary** be awarded an additional \$4,900 in Building Renewal Grant funding for the added geotechnical engineering for the investigation of the crack in the brick wall in Building 1003 at Pomerene Elementary School (project number 020464101-1003-003). This brings the total project cost to date to \$11,435.
7. Board approval of the staff recommendation that **Scottsdale Unified** be awarded an additional \$156,000 in Building Renewal Grant funding for construction to replace/restore the roofs on Buildings 1013/1018 (partial replacement) and 1012/1017 at Tavan Elementary School (project number 070248103-9999-031BRG). This includes \$18,000 in contingency that will only be used with SFB staff approval and brings the total project cost to \$164,115.
8. Board approval of the staff recommendation that **Sonoita Elementary** be awarded \$427,000 in Building Renewal Grant funding for the replacement of the HVAC system at Elgin Elementary School (project number 120425101-9999-001BRG). This includes

\$39,500 in contingency that will only be used with SFB staff approval and brings the total project cost to \$437,000.

9. Board approval of the staff recommendation that **Tolleson Elementary** be awarded an additional \$466,355 in Building Renewal Grant funding to replace the roofs on Buildings 1006, 1009, 1010, 1011, 1012, 1013, 1014, 1015 and 1016 at Porfirio H. Gonzales Elementary School (project number 070417001-9999-012BRG). This includes \$10,000 in contingency that will only be used with SFB staff approval.
10. Board approval of the staff recommendation that **Tucson Unified** be awarded an additional \$8,120 in Building Renewal Grant funding for the recoating of the cooling tower at Gale Elementary School (project number 100201228-1001-007BRG). This brings the total project cost to \$20,020.

Attachments: Yes [X] No []

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District: **Dysart Unified**
BRG Project Number: 070289101-9999-003BRG Maricopa County
Project Description: Roof repair/restoration
Architect of Record: One Architecture (602-266-2712) / Wrecorp
Contractor: TBD
 Board approval: 4/1/2015
 Supplemental award: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 567,000
Contingency ①		\$ 50,000
Architecture / Engineering (A&E) Fees		\$ 28,637
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection (structural and geo-tech)		\$ -
Total Additional Cost:		\$ 28,637
Total SFB Funded Project Cost:		\$ 645,637
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 645,637
Total Project Cost:		\$ 645,637

① Contingency shall only be requested and applied to unknown conditions.



April 20, 2015

Bob Young, Director of Maintenance and Facilities
Dysart Unified School District
13825 W. Desert Cove Rd.
Surprise, AZ 85379

Re: Investigation of Existing Roofs & Roof Structure
Dysart Elementary School

Subj: Final Report & Budget

Dear Mr. Young:

Our team has completed the investigation of the roof condition and structural integrity of the existing 80,000 square foot roof at the Dysart Elementary School. The team consisted of WRECORP the roofing consultant, Beauchamp Engineering the structural engineer, and ONE Architecture the architect.

Attached are the following:

1. Roofing consultant's report and recommendation which concluded with selective removal and replacements and a complete recoating of the existing BUR system roof.
2. Structural engineer's investigation of the existing roof structure. Engineer determined that the existing structure is sound and adequate to support the new roofing but discovered a deficiency at the roof truss bearing plate locations. There is no dry pack at any of those locations (approximately 430 locations) and recommends to repair those areas with dry pack before proceeding with the roof remediation.
3. Construction Documents that describe the scope of work for the repair/recoating of the existing roof and the structural remediation at the roof truss bearing plates.

The total estimated construction budget for the roofing is \$352,000.00 and for the structural repair is \$215,000.00 for a total project budget of \$567,000.00.

Upon approve we will solicit for three (3) bids for final submittal/approval and proceed with the work.

Sincerely,

ONE! Architecture

A handwritten signature in black ink, appearing to read "Donald R. Brubaker Jr.", written over a horizontal line.

Donald R. Brubaker Jr.

Principal Architect

February 24, 2015

Mr. Don Brubaker
One Architecture
2814 West Northern Avenue
Phoenix, AZ 85051

Re: Dysart Elementary School
1295 West Varney Road
El Mirage, AZ 85335

Dear Mr. Brubaker:

Mr. Mark Beauchamp, P.E. and Mr. Perry Kampa, P.E. with Beauchamp Engineering, Inc. performed limited observations of the roof construction for the original one story flat roof classroom building wings, cafeteria, library and front administration area.

The original roof construction consisted of steel joists spaced at approximately five to six feet on center with steel roof deck spanning over joists. A gypsum lid was attached to the underside of all joists limiting access to observe the construction.

Our limited observations revealed roof joists supported on bearing plates in masonry wall were deficient at all observed areas. There was no drypack under any joist bearing plates observed at classrooms and all indications are there is no drypack under any bearing plates. No access was present to observe joists bearing on masonry at the north and south cafeteria and library walls and also east and west walls of front administration area. There are probably in excess of 150 joist bearing plates on this project with the potential is for all of them require the addition of drypack.

Four locations were found where spalling of masonry has occurred at beam bearings adjacent the steel columns added during the last construction phase, where raised roof was added to provide enclosed roof area. There are two locations on the north building side and two locations on the south building side.

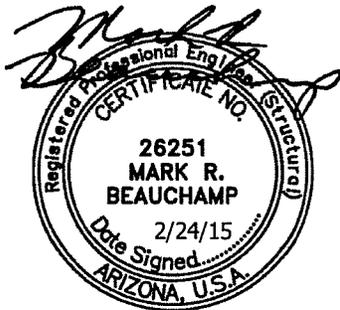
The structural deficiencies observed are not considered a life safety issue but must be corrected prior to re-roofing.

We have reviewed the proposed re-roofing material information provided by Wrecorp and the addition of a spray emulsion weighing approximately 0.3 psf to be installed over the existing roofing. Based on our review of the original construction, our site observations and the review of the proposed re-roofing weights, we find the roof structure acceptable for the proposed re-roofing after the remediation of the deficiencies observed and noted have completed.

At your request, we will develop roof framing plans with the specified remediation requirements for use by a contractor to estimate the cost of repair.

Please call me if you have any questions or comments.

Sincerely,
BEAUCHAMP ENGINEERING, INC.



Expires 6/30/2016

Mark R. Beauchamp, P.E.
President
Cell phone: (602) 697-3020

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Dysart Unified**
BRG Project Number: 070289102-9999-004BRG
Project Description: Roof repair/restoration
Architect of Record: One Architecture (602-266-2712) / Wrecorp
Contractor: TBD
 Board approval: 4/1/2015
 Supplemental award: 5/6/2015

Maricopa County

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost	\$ 295,000
Contingency ①	\$ 30,000
Architecture / Engineering (A&E) Fees	\$ 17,587
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ 5,000
Testing & Inspection	\$ 6,000
Total Additional Cost:	\$ 28,587
Total SFB Funded Project Cost:	\$ 353,587
District Share (Local Funds):	\$ -
SFB Board Approved Amount:	\$ 353,587
Total Project Cost:	\$ 353,587

① Contingency shall only be used with SFB staff approval.



April 20, 2015

Bob Young, Director of Maintenance and Facilities
Dysart Unified School District
13825 W. Desert Cove Rd.
Surprise, AZ 85379

Re: Investigation of Existing Roofs & Roof Structure
El Mirage Elementary School

Subj: Final Report & Budget

Dear Mr. Young:

Our team has completed the investigation of the roof condition and structural integrity of the existing 30,000 square foot stand alone building at the El Mirage Elementary School. The team consisted of WRECORP the roofing consultant, Beauchamp Engineering the structural engineer, and ONE Architecture the architect.

Attached are the following:

1. Roofing consultant's report and replacement recommendation which concluded with a complete removal and replacement.
2. Structural engineer's investigation of the existing roof structure. Engineer determined that the existing structure is sound and adequate to support the new roofing.
3. Construction Documents that describe the scope of work for the removal of the existing roof and the replacement of a new roof.

The total estimated construction budget for this work is \$280,000.00.

Upon approve we will solicit for three (3) bids for final submittal/approval and proceed with the work.

Sincerely,

ONE! Architecture

A handwritten signature in black ink, appearing to read "DRB", is written over the printed name of Donald R. Brubaker Jr.

Donald R. Brubaker Jr.

Principal Architect

February 24, 2015

Mr. Don Brubaker
One Architecture
2814 West Northern Avenue
Phoenix, AZ 85051

Re: El Mirage Elementary School
13500 North El Mirage Road,
El Mirage, AZ 85335

Dear Mr. Brubaker:

Mr. Mark Beauchamp, P.E. and Mr. Perry Kampa, P.E. with Beauchamp Engineering, Inc. performed limited observations of the roof construction for the one story pitch roof classroom building located on the Northwest side of the school campus.

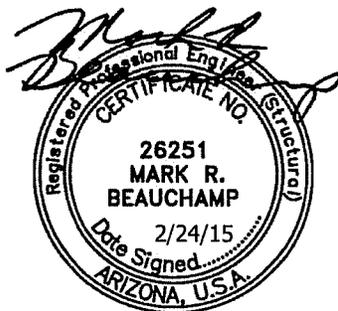
The original roof construction consisted of truss joist TJL type roof joists spaced at 24 inches on center with plywood roof sheathing. Shallow construction at overhang areas limiting access for observations and large ductwork also limited access for observations. No areas of structural deficiency were observed.

We have reviewed the proposed re-roofing material information provided by Wrecorp and the removal and replacement of roofing and insulation over the existing plywood roof sheathing.

Based on our on site observations and the review of the proposed re-roofing weights, we find the roof structure acceptable for the proposed re-roofing.

Please call me if you have any questions or comments.

Sincerely,
BEAUCHAMP ENGINEERING, INC.



Expires 6/30/2016

Mark R. Beauchamp, P.E.
President
Cell phone: (602) 697-3020

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Gila Bend Unified**
 BRG Project Number: 070224001-1004-010BRG Maricopa County
 Project Description: **Roof, wall and plumbint leak repairs**
 Consultant: Orcutt/Winslow (Tim Scolaro 620-257-1764)
 Contractor: TBD

Board approval: 9/3/2014
 Supplemental award: 12/10/2014
 Supplemental award: 5/6/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 130,000
Contingency ①		\$ 19,515
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 26,130
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 7,500
Testing & Inspection		\$ 12,135
Total Additional Cost:		\$ 45,765
Total SFB Funded Project Cost:		\$ 195,280
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 195,280
Total Project Cost:		\$ 195,280

① Contingency shall only be used with SFB staff approval.

April 2, 2015

CLIENT INFORMATION:

CLIENT PROJECT NUMBER

PROJECT MANAGER

OTHER

Mr. Tim Scolaro
THE ORCUTT | WINSLOW PARTNERSHIP
3003 N. Central Avenue, 16th Floor
Phoenix, AZ 85012
T: (602) 257-1764 x4789
E: scolaro.t@owp.com

RE: Gila Bend School Roof Repair
Gila Bend, AZ
CTS Job No.: 151-341-23

****DESCRIPTION OF SERVICES IN ADDITION TO THOSE IN THE
MASTER AGREEMENT DATED JUNE 26, 2008****

Dear Mr. Karanjia:

This will confirm our fee to provide structural engineering and drafting services to evaluate and repair as necessary this existing roof built in 1975. One site visit during design is included in base fee. Our **Basic Services** will be based on time expended and billed at our current hourly rates. The total fee is estimated Not to Exceed Four Thousand Eight Hundred-Dollars (\$4,800.00). Additional site visits during construction will be billed at a Fixed Fee of One Thousand One Hundred-Dollars (\$1,100.00) per trip.

STRUCTURAL
ENGINEERING
EXPERTS

PARTNERS

Richard Turley, PE
Paul Scott, PE, SE
Sandra Herd, PE, SE, LEED AP
Chris Atkinson, PE, SE, LEED AP
Thomas Morris, PE, LEED AP
Richard Dahlmann, PE

Partner/Principal	\$155.00	Senior Field Representative	\$80.00
Associate	\$135.00	Field Representative	\$70.00
Project Manager	\$120.00	Senior Structural Drafter	\$80.00
Senior Structural Engineer	\$110.00	Structural Drafter	\$75.00
Structural Engineer	\$100.00	Clerical	\$50.00
Structural Designer	\$85.00		

Basic Services will include structural calculations, preparation of 2D Autocad structural plans and details per the noted scope, and construction administration. Construction administration services include shop drawing review and responding to RFI type clarifications. Redesign and field repair engineering would be considered outside the scope of basic services. If the project entails multiple bid packages, phasing, nonstandard foundations, or Building Information Modeling (BIM), the above budget shall be adjusted accordingly.

Reimbursable Expenses are in addition to the basic services budget noted above and will include: mileage. Reimbursables shall be invoiced at cost x 1.15.

In rendering professional services, Caruso Turley Scott (CTS) shall apply the skill and care ordinarily exercised by structural engineers at the time and place the services are rendered. Schedules and timely available information from the architect, owner and other design consultants contribute to the completeness of the structural drawings. As such, all projects should carry a contingency for potential coordination and value added items. It is recommended that final bids not be taken until city review comments and coordination comments have been incorporated. If documents are bid prior to city and coordination comments, the owner assumes the risk for associated additional costs. Client agrees that the liability of CTS, its agents and employees, in connection with services hereunder to the Client and to all persons having contractual relationships with them, resulting from any negligent acts, errors, and/or omissions of CTS, its agents, and/or employees is limited to the total fees actually paid by the Client to CTS for services rendered by CTS hereunder. As a consultant, we shall neither have control over or charge of, nor be responsible for, the construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the work, since these are solely the Contractor's rights and responsibilities.

Respectfully,

Richard D. Turley, P.E.
Partner

V:\Contracts 2015\2015 Contracts\15341 - Gila Bend School Roof Repair - Gila Bend, AZ\15341cfm.docx/BCK

**CARUSO
TURLEY
SCOTT**
structural
engineers

PROFESSIONAL
REGISTRATION

50 States
Washington D.C.
U.S. Virgin Islands
U.S. Puerto Rico
Saskatchewan

1215 W. Rio Salado Pkwy.
Suite 200
Tempe, AZ 85281
T: (480) 774-1700
F: (480) 774-1701
www.ctsaz.com

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Hayden-Winkelman Unified**
BRG Project Number: 040241004-1005-003BRG Gila County
Project Description: Repair concrete fascia
Architect of Record: Gervasio & Assoc. (Marlene Betani, P.E. 602-285-1720)
Contractor: Restruction Corp
 Board Approval: 9/11/2013
 Supplemental award: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 162,531
Contingency ①		\$ 24,380
Architecture / Engineering		\$ 20,620
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 20,620
Total SFB Funded Project Cost:		\$ 207,531
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 207,531
Total Project Cost:		\$ 207,531

① Contingency shall only be used with SFB staff approval.

Gervasio & Assoc., Inc.

CONSULTING ENGINEERS

77 E Thomas, Suite 120

Phoenix, Arizona 85012

602-285-1720 FAX 602-285-1530

G&A Job: 3017.3 S

Hayden-Winkelman Unified School District #41

Bid Opening: 10:00am MST, March 31, 2015

RE: Hayden-Winkelman High School Gymnasium

Contractor	Bid Bond	Non-Collusion Affidavit	Addendum	Base Bid	Unit Price No. 1	Unit Price No. 2	Unit Price No. 3
Johnson Carlier	No bid	✓	✓	162,530.89	1089/cuft	53.44/ft	129/unit
Restruction Corp	✓	✓	✓	174,580	350/cuft	225/ft	200/unit

Robert E. Porter Construction Co., Inc.
No bid

Woodruff Construction

Signature: Marlene Betani Date: 3/31/15

Signature: Dink P. Walter Date: 31 MAR 15

Gerry Breuer

From: Marlene Betani [mbetani@gervasioeng.com]
Sent: Friday, April 24, 2015 2:49 PM
To: Gerry Breuer
Cc: Marlene Betani
Subject: Hayden Winkelman Gym repairs - reason they are necessary

Gerry,

The reason that the repairs shown on the drawings are necessary is to prevent additional damage to the roof structure due to moisture infiltration. The roof structure is a post-tensioned concrete system with slab tendons spaced at approximately 12 inches on center running in the east west direction. The grout pockets that protect the post-tension cable ends are showing signs of corrosion due to moisture infiltration. The concrete cover which helps protect any embedded steel items in the concrete from corrosion is inadequate over some of the roof edge reinforcing steel and over the post-tension cable ends. From past experience, we have found that once the cable end, steel wedges and anchorage assembly show signs of corrosion that the gripping teeth on the steel wedges have begun to lose their grip of the tensioned cable. Once the cable slips and loses tension, the strength of that cable is totally lost. If enough of the post-tension cable ends corrode and lose tension, then the roof structure can fail. Because the cables span the full length of each of the three roof sections, the entire roof section is affected, not just a small localized area at the roof edge.

The repairs we have recommended are intended to repair the existing cracked concrete and corroded reinforcing steel. Removal and replacement of the grout in the post-tension anchorage pockets is necessary to protect the cables from moisture infiltration, and eventual failure. These repairs should be done now as the corrosion will only get worse and be more costly to repair. If enough of the cables are damaged, large sections of the roof structure could fail.

These repairs will extend the useful life of the building.

Please let me know if you have any questions.

Sincerely,
Marlene Betani, P.E.
Gervasio & Assoc., Inc
77 E. Thomas Rd. Suite 120
Phoenix, AZ 85012
ph. 602-285-1720
fax 602-285-1530
mbetani@gervasioeng.com

GERVASIO & ASSOC., INC.

CONSULTING ENGINEERS
77 EAST THOMAS ROAD, SUITE 120
PHOENIX, ARIZONA 85012
(602) 285-1720 • (602) 285-1530 (FAX)

April 2, 2015

Mr. David Kennon
ARIZONA SCHOOL FACILITIES BOARD
1700 West Washington Street, Suite 104
Phoenix, AZ 85007

RE: HAYDEN HIGH SCHOOL GYMNASIUM
Winkleman, Arizona
ENGINEER'S ESTIMATED COST OF CONSTRUCTION
G&A Job No. 3017.3 S

Dear Mr. Kennon:

We have opened bids on the subject project and, as you are aware, the bids are significantly higher than our initial conceptual estimate. You have requested an explanation of the large variance.

The cost we provided in August 2013 of "\$50,000 to \$75,000" was based upon our initial understanding of the scope of repairs and the extent of damages. Later, during the course of our investigation, we observed destructive testing (DT) which exposed numerous issues.

We had anticipated a design which included selective removal, repair and reconstruction of the brick on the masonry piers. Subsequent to the DT, we recognized that the piers were CMU with a brick facade and were constructed incorrectly. There was no gap between the surfaces, causing moisture to be trapped between the brick and the CMU. This certainly contributed to the deterioration of the piers. The repair calls for full height removal of the brick and new installation of CMU which eliminates the need for a gap necessary for moisture to escape.

At the outset of the job we were unaware of the complexity of the roofing issues. We determined that the edge of the roof required considerable repair. This was previously not included in the anticipated repairs.

While on-site and witnessing DT, we observed rust and concrete spalling in recognizable patterns along the roof. The circular faults were indicative of a post-tensioning (P/T) tendon grout pockets. Upon closer inspection, we determined that the grout pockets at the ends of the P/T tendons required repair. Our experience shows that once the ends of P/T tendons show damage, the damage can migrate very quickly through the strands. Our repair design therefore includes removing grout in all P/T tendon pockets, removing rust down to suitable tendon material, and regrouting with a rust-inhibiting grout with sufficient cover to protect the PT tendons and extend the life of the building. Unfortunately, there are 336 locations which are to be repaired.

Mr. David Kennon
April 2, 2015
G&A Job No. 3017.3 S
Page 2

Finally, the abatement work required has increased the scope of the repairs.

The apparent low bidder has valued the additional items at over \$90,000. The PT tendon grout pockets alone added \$28,000 to the cost. We believe the scope constitutes what is necessary and that once repaired, we will have extended the service life of the gymnasium as desired.

If you have any questions or comments, please contact us.

Sincerely,

GERVASIO & ASSOC., INC.

A handwritten signature in black ink, appearing to read "Pam Dullum", with a long horizontal flourish extending to the right.

Pam Dullum, P.E., CCA
Senior Forensic Civil Engineer

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Kirkland Elementary**
 BRG Project Number: **130323001-9999-006BRG**
 Project Description: **Repair domestic water system**
 Architect of Record: **n/a**
 Contractor: **Fluid Solutions (602-707-7777)**

Yavapai County

Board approval: 11/12/2014
 Supplemental award: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:		\$ 232,075
Contingency ①		\$ 10,500
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 5,970
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 48,510
Testing & Inspection		\$ -
Total Additional Cost:		\$ 54,480
Total SFB Funded Project Cost:		\$ 297,055
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 297,055
Total Project Cost:		\$ 297,055

① Contingency shall only be used with SFB staff approval.

*Kirkland Elementary School Water System
Preliminary Evaluation*

Addendum to: Kirkland Elementary School Water System Preliminary Evaluation

This addendum is intended to be added to the current Report Dated March 12, 2015. It amends the conclusion to combine efforts and add a small storage tank to the system to increase overall system reliability.

A.1 Alternative 4, Combine Fatal Flaw Approach into a Firm Effort to include Well Rehabilitation and Addition of Disinfection

This alternative is similar to the previously discussed alternative 2; however, the fatal flaw approach has been replaced with a combined solution that will mitigate contamination issues more completely. The well will be rehabilitated as follows:

- Extend Sanitary Pad to meet Code for sanitary conditions;
- Build a flood wall as necessary to divert water away from the well;
- Extend the well casing upward to meet Code for sanitary conditions;
- Provide an enclosure for freeze control of the well head;
- Clean the well through bailing and/or air lifting to remove debris;
- Brush casing to remove loose debris built up on inside wall and open perforations;
- Disinfect the Well per AWWA protocol;
- Surge the chlorinated water into the aquifer to attempt to disinfect the outside of the casing and adjacent soils;
- Pump the well to remove excess chlorine;
- Reequip the well with existing pump and appurtenance;
- Design a disinfection system capable of meeting the regulatory virus and bacterial inactivation requirements including a storage tank and booster system to ensure required contact time is achieved to protect students;
- Assist the school in permitting the rehabilitation of the system; and
- Construction of the rehabilitation efforts.

Kirkland Elementary School Water System
Preliminary Evaluation

A.2 Estimated Costs for Alternative 4

Task	Estimated Cost
Project Administration	\$ 17,800
Well Rehabilitation	\$ 18,400
Cleaning and Disinfection of Well	\$ 33,275
Design and Permitting of Disinfection System	\$ 30,710
Construction of Disinfection System	\$180,400
Total	\$280,585

The increase in costs is to include a booster pump station, small hydropneumatic tank, and small storage tank to ensure that the contact time for viral and bacterial inactivation is achieved to protect the student, staff, and public from water borne illness.



SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: Pomerene Elementary
BRG Project Number: 020464101-1003-003BRG Cochise County
Project Description: Repair crack in brick wall
Architect of Record: Robert Polcar Architects, Inc. (Bob Polcar, RA 480-675-9760)
Contractor: TBD
 Board Approval: 10/1/2014
 Supplemental award: 11/12/2014
 Supplemental award: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost	\$ -
Contingency ①	\$ -
Architecture / Engineering (A&E) Fees	\$ 6,535
Surveys and permitting	\$ 4,900
Testing & Inspection	\$ -
Total Additional Cost:	\$ 11,435
Total SFB Funded Project Cost:	\$ 11,435
District Share (Local Funds):	\$ -
SFB Board Approved Amount:	\$ 11,435
Total Project Cost:	\$ 11,435

① Contingency will only be used with SFB staff approval.



RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.
Geotechnical Engineering • Construction Materials Testing

R·A·M·M

Pomerene Elementary School District
1396 North Old Pomerene Road
Pomerene, Arizona 85627

October 6, 2014

Attention: Shad Housley, Superintendent

Re: Proposal for Geotechnical Engineering Services
Distress Evaluation
Gym Building at Pomerene Elementary School
Pomerene, Arizona

RAMM Proposal No. PG14933

Ricker, Atkinson, McBee, Morman & Associates, Inc. is pleased to submit this proposal to conduct Geotechnical Engineering Services for the above-referenced project.

If this proposal meets with your approval, please sign, date and return one copy of the enclosed Attachment "A", which outlines project description, our scope of services, completion time and fee to perform services.

If there are any questions regarding the proposed scope of work, please call. Thank you for considering our firm for this project.

Respectfully submitted,

RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.

Kenneth L. Ricker, P.E.

/dh

cc: Dan Demland, R.A., email (ddemland@azsfb.gov)

RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.

ATTACHMENT "A" Proposal for Geotechnical Engineering Services

For: Pomerene Elementary School District

RAMM Proposal No. PG14933

PROJECT: Distress Evaluation
Gym Building at Pomerene Elementary School
Pomerene, Arizona

DESCRIPTION:

The existing north and part of the west masonry walls of the gym building have settled and cracked in the masonry infill walls.

SCOPE OF SERVICES:

1. Test borings will be performed to determine subsurface conditions and obtain representative samples for laboratory analyses. One to three test borings 15 feet in depth or prior auger refusal are proposed outside and near the northwest building corner. Test Borings will be Blue Staked. Site access and on-site utility locations will be provided by the school district.
2. Laboratory analyses of representative samples will include:
 - Moisture Content and Dry Density
 - Compression
 - Minus No. 200 Sieve and Plasticity Index
 - Soluble Sulfate and Chloride
3. The field and laboratory data will be used in engineering evaluation and analyses to formulate our geotechnical recommendations.
4. An Engineer's report will be provided presenting the results of the field and laboratory testing and evaluations and recommendations for probable causes of the distress and for remediating the distress and movement.

RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.

ATTACHMENT "A" Proposal for Geotechnical Engineering Services

For: Pomerene Elementary School District

RAMM Proposal No. PG14933

PROJECT: Distress Evaluation
Gym Building at Pomerene Elementary School
Pomerene, Arizona

COMPLETION TIME:

Final report approximately 3 to 4 weeks after authorized to proceed.

FEE: MOB – DeMOB = \$2,000.00
Drilling and Sample = \$400.00/Test Boring
Laboratory Testing = \$400.00/Test Boring
Distress Evaluation
and Recommendations = \$500.00
\$3,300 to \$4,900

The undersigned agrees to the forgoing Scope and Fee.

RICKER • ATKINSON • MCBEE • MORMAN & ASSOCIATES, INC.

By: 
Kenneth L. Ricker, P.E., Project Engineer

Client: _____

By: _____

Date: _____

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Scottsdale Unified**
 BRG Project Number: **070248103-9999-031BRG**
 Project Description: **Roof replacement**
 Consultant: **WRECORP (623-878-7117)**
 Contractor: **TBD**

Maricopa County

Board Approval: **1/7/2015**
 Supplemental award: **5/6/2015**

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost (cost estimate provided by architect or contractor)	\$ 138,000
Contingency ①	\$ 18,000
Architecture / Engineering (A&E) Fees	\$ 8,115
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ 8,115
Total SFB Funded Project Cost:	\$ 164,115
District Share (Local Funds):	\$ -
SFB Board Approved Amount:	\$ 164,115
Total Project Cost:	\$ 164,115

① Contingency shall only be used with SFB staff approval.

Pat Cruse

From: Jerry Brown [Jerry@wrecorp.com]
Sent: Wednesday, December 03, 2014 4:58 PM
To: Carlos Monreal; Pat Cruse
Cc: Dave Collins; Brett Holliday
Subject: RE: Tavan Elementary
Attachments: Tavan Elementary School Building #11 Roof Consulting Proposal 12-3-14.pdf; Tavan Elementary School Building Multipurpose 2 roofs with walls 12-3-14 .pdf; Tavan Elementary School Building Multipurpose 2 upper roofs that have been coated 12-3-14 .pdf

Carlos

I have attached multiple proposals for your review.

1. Building #11, this roof cannot be saved and must be replaced due to the damage to the internal mesh degradation. I believe the budget for this roof will be approximately \$75,000.00 including all new metal flashings and cover/insulation boards. You will need to add 10% contingency for wood deck replacement due to structurally unsound decking.
2. Multipurpose Building, west and north decks that do not have any white coatings. Budget for these 2 roofs will be approximately \$18,000.00. These roofs can be restored using a coating system with repairs.
3. Multipurpose Building, center and upper roofs with white coatings. These roofs do not have the appropriate amount of coatings on them at this time and additional coatings need to be added. Budget \$16,000.00. These roofs only need to be cleaned and the appropriate dry film thickness of coatings added.

These walls on the Multipurpose Building will need to be coated with a sealer or a elastomeric coating. Budget \$45,000.00 for the entire exterior.

Jerry L. Brown, RRO
Roof Consultant
6829 W. Corrine Dr.
Peoria, AZ 85381

Office: 623-878-7117
Cell: 602-571-8803

From: Carlos Monreal [mailto:cmonreal@susd.org]
Sent: Wednesday, November 19, 2014 10:47 AM
To: Jerry Brown
Cc: Dave Collins; Brett Holliday
Subject: Tavan Elementary

Jerry,

As per our phone conversation, we need to have you asses the roof on building 11 at Tavan Elementary located at 4310 E Osborn Rd. Phoenix 85018, and provide us with a quote.

The site contact person is Brett Holiday and his phone number is 602-478-7812. You can schedule visit directly with him.

Thank You.

Carlos Monreal

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Sonoita Elementary**
 BRG Project Number: **120425101-9999-001BRG**
 Project Description: **HVAC replacement**
 Architect of Record: **BESP (602-377-2679)**
 Contractor: **TBD**

Santa Cruz County

Board approval: 4/1/2015
 Supplemental award: 5/6/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 350,000
Contingency ①		\$ 39,500
Architecture / Engineering (A&E)		\$ 10,000
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 37,500
Testing & Inspection		\$ -
Total Additional Cost:		\$ 47,500
Total SFB Funded Project Cost:		\$ 437,000
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 437,000
Total Project Cost:		\$ 437,000

① Contingency shall only be used with SFB staff approval

BESP, LLC
219 S. William Dr. # 129
Gilbert, AZ 85233
Tel: (602) 377-2679 Fax: (480) 629-5645
sameerpandey@besp.us
www.besp.us



April 20, 2015

Dr. Christopher Bonn
Superintendent
Sonoita Elementary School District
23 Elgin Road
Elgin, AZ 85611

Ref: Assessment of Heating & Cooling System at Elgin Elementary School

Dear Mr. Bonn,

Per SFB/district's request, BESP assessed a heating/cooling system at Elgin Elementary School multi-purpose room (MPR) building, library and nine (9) classroom buildings. The sketch of the site plan with basic information of the existing units and duct layout are included in the report as an attachment (SK-1). It shall be noted that Elgin Elementary School is currently fed by a single phase- 240 volts electrical load.

To simplify, we have divided the assessment into three different spaces.

- 1) Multi-purpose room (MPR)
- 2) Library
- 3) Classroom buildings.

The above three spaces have independent mechanical systems and are not interconnected.

I. Multiple-Purpose Room (MPR):

An approximately 7,000 square feet MPR space is currently served by four (4) make-up air units with a combination of evaporating coolers and reznor heaters. The units are approximately fourteen (14) years old. Three (3) out of four (4) make up air units serve the gymnasium space, and one (1) make-air unit serves the stage area and the music room.

It is noted that there are no operational or comfort issues with existing reznor heaters. The cooling system with evaporative coolers, however, cannot maintain the comfort level at peak summer temperatures. In addition to it, evaporative coolers contribute to high level of humidity in the MPR space.

BESP proposes to re-use one (1) make-up air unit for heating, and replace other three (3) units with five (5) 5-ton heat pumps with a total cooling load of 25 Ton. We propose to provide roof curbs for new units, and use existing roof openings to connect to existing supply and return ducts. Please refer to the proposed plan included in the report as an attachment (SK-3) for preliminary details.

II. Library:

The library is served by one (1) essick evaporative cooler (83,000 cfm/ 1.5hp motor) and with an indoor furnace for heating. The system is approximately twenty-five (25) years old. Similar to MPR, the library has no comfort or operational problem with the heating system. The evaporative coolers, however, contribute to both comfort and humidity problems.

BESP proposes to replace an evaporative cooler with one (1) 4-Ton variable refrigerant flow (VRF) unit. We will also explore an option of using traditional split heat pump in lieu of VRF unit. The contributing factor for the selection of VRF or traditional split heat pump will be:

- a) length of run required for refrigerant piping, and
- b) level of space constraint in an indoor space or an attic above the ceiling.

It shall be noted that existing opening/ductwork for evaporative coolers will be re-used/retrofitted for fresh air intake to the library.

III. Classroom Buildings:

The nine (9) classroom spaces are fed by three (3) essick evaporative coolers (each: 93,000 cfm / 2-hp motor) for cooling and (1) weil-mclain 260 MBH boiler for heating. As in the MPR and the library, evaporative coolers create both comfort and humidity challenges in the classroom spaces. In addition to it, the twenty-five (25) years old boiler is in a failing condition, and is recommended for replacement. The evaporative coolers are approximately twenty-five (25) years old as well.

BESP proposes to replace the existing boiler with new 30 gpm/260 Mbh boiler, and replace three (3) evaporative coolers with nine (9) 4-Ton variable refrigerant flow (VRF) units. As in the library, we will explore an option of using traditional split heat pumps in lieu of VRF units, with length of run of refrigerant piping and constraint in indoor/attic space as a deciding factor. Also as in the library, the existing opening/ductwork for evaporative coolers will be re-used/retrofitted for fresh air intake to the individual classrooms.

To summarize, BESP proposes the mechanical scope as follows:

1. Replace three (3) make-up air units in the multi-purpose room with five (5) 5-ton packaged heat pumps.
2. Replace one (1) evaporative cooler at the library with one (1) 4-Ton variable refrigerant flow unit or traditional split heat pump unit.
3. Replace a boiler in the classroom building with a new 260 MBH/30 gpm boiler.
4. Replace three (3) evaporative coolers in the classroom buildings with nine (9) 4-Ton variable refrigerant flow units or traditional split heat pump units.
5. Re-work the existing ductwork in the library and the classroom buildings for both fresh air intake, and add supply air ducts to existing diffusers.

A design fee and an estimated installation for the above scope of work at Elgin Elementary is as follows:

1) Design Services Fee - \$37,500

a. Design & Documentation

- i. Produce mechanical & control design/load calculation/specifications
- ii. Produce electrical design & documentation/specifications
- iii. Perform structural analysis by a certified structural engineer
- iv. Produce construction documents
- v. Prepare and review bid documents

b. Construction Administration

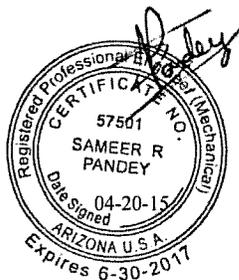
- i. Submittal review
- ii. Site visits/meetings
- iii. Installation verification
- iv. Close-out documentation review

2) Estimated construction/Installation Cost - \$350,000

Please let us know if you have any questions or need clarifications.

Sincerely,

Sameer R Pandey PE (Mech), CEM, LEED
Principal Engineer, BESP



Attachment:

1. Site Plan: SK-1
2. MPR/Gym existing Plan: SK-2
3. MPR/Gym Proposed Plan: SK-3

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Tolleson Elementary**
 BRG Project Number: 070417001-9999-012BRG Maricopa County
 Project Description: **Roof replacements**
 Consultant: Broderick Engineering, LLC (480-926-6333)
 Contractor: TBD

Board approval: 3/4/2015
 Supplemental award: 5/6/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 456,355
Contingency ①		\$ 10,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 21,505
Survey & Required Reports, Printing, Permits, Advertising, Etc.		
Testing & Inspection		\$ -
Total Additional Cost:		\$ 21,505
Total SFB Funded Project Cost:		\$ 487,860
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 487,860
Total Project Cost:		\$ 487,860

① Contingency shall only be used with SFB staff approval.



Jim Serbin
Tolleson School District
9261 W, Van Buren
Tolleson, AZ 85353

PH Gonzales
9401 W. Garfield St.
Tolleson, AZ 85353

The roofing systems on PH Gonzales were assessed and the following is a description of the roofs and values.

- 8 buildings that are classified as steep slope roofs (shingles) were assessed and found to have reached their life expectancy. Roofs are to be torn off and replaced with a standard laminate shingle with a 30 year warranty. Internal gutter systems will have to be removed and restored as they are incorporated into the roofing system. In wall flashings will need to be restored as they are incorporated into the system. Total roof square footage is 40,563 plus trim and starters. Value budget is \$223,096.00
- 20 low sloped roof sections on 10 different buildings were assessed and found to have reached their life expectancy. Roof are to be torn off and reroofed with a self-adhered multilayer bitumen (modified asphalt - 20 year warranty) system with an R-24 insulation value on 16 of the roof sections totaling 20,248 square feet. The budget value for these systems are \$151,860.00
- 4 low sloped roof sections on building J were assessed and found to have reached their life expectancy. Due to the design of the structure and the poor drainage conditions that cannot be remedied without major modifications to the building design, a self-adhered TPO 20 year warranty system was selected because it can handle poor drainage issues. The budget value for this system is \$81,399.00

Total Budget: \$456,355.00 (Not including the District Office roof)

WRECORP has been awarded a contract and issued a TESD purchase order for design and construction administration of this project. WRECORP will assist the District in preparing the IFB (Invitation for Bid) as part of their contract. The design and scope section of the IFB has been completed and sent to the District.

Jerry L. Brown, RRO
Roof Consultant
WRECORP
April 23, 2015

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District: Tucson Unified
BRG Project Number: 100201228-1001-007BRG Pima County
Project Description: Refurbish cooling tower
Consultant: n/a
Contractor: Sun Mechanical Contracting, Inc. (Jacob Hunter 520-790-3100)
Board Approval: 9/3/2014
Supplemental award: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:	\$ 18,879
Contingency ①	\$ 1,141
Additional Cost:	
Architecture / Engineering (A&E) Fees	
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ -
Total SFB Funded Project Cost:	\$ 20,020
District or Local Funds:	\$ -
SFB Board Approved Amount:	\$ 20,020
Total Project Cost:	\$ 20,020

① Contingency shall only be used with SFB staff approval.

PROPOSAL



March 4, 2015

Quote # 14-S487A

Mr. Raymond Stoddard

Project Manager

TUSD

1010 E 10th St

Tucson, AZ 85719

Site: **Gale Elementary School**

678 S Gollob Rd

Tucson, AZ 85710

Project: **Evapco Cooling Tower Refurbishment- Coating**

EQUIPMENT

Description	Manufacturer	M/N	S/N	Tag
Cooling Tower	Evapco	AT 19-58	W027318	Cell #1

Scope of Services:

1. KM Facility Services, LLC to follow OSHA regulations for safety
2. Set up containment coverings to contain sand blast material
3. Hand scrape, sand blast and/or wire brush scale and rust from interior Tower surfaces
4. Patch all rusted surfaces with cold rolled steel
5. Treat all interior surfaces with a de-greasing/adhesion compound
6. Paint 3 coats of V570 to interior of Tower
7. **Permitting up to 3 days for coatings to fully cure**
8. **10 year warranty on tower coating! (if inspected annually)**
9. Debris to be removed from site and put in dumpster.

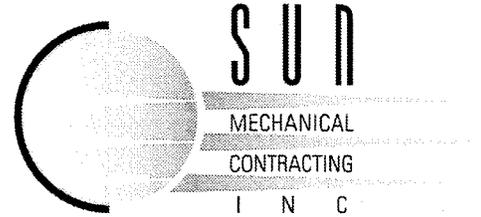
Cost Estimate:

To provide all labor, materials, equipment, transportation and supervision and all other services necessary to accomplish the work.

Restoration for Tower: \$8,120.00

*Working Time is 3-4 days per tower.

PROPOSAL



ACCEPTANCE

Customer Signature	
Customer Printed Name	
Title	
PO Number	
Date	

We thank you for this opportunity and look forward to working with you. Should any questions arise, please do not hesitate to contact me.

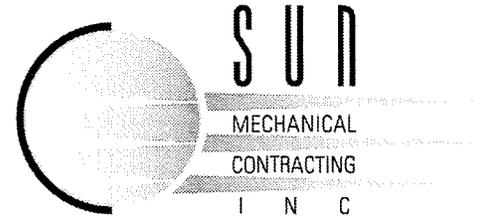
Sincerely,

Jacob Hunter
Service Operations Manager

CLARIFICATIONS

1. We **do not include** any architectural sheet metal other than that described in our scope above.
2. We **do not include** any electrical upgrades of any nature.
3. We **do not include** any permits or bonds.
4. Failure of the Owner to make payments for reasons beyond this contractor's control shall not constitute just cause to withhold payment for work completed and listed herein.
5. Our proposal **does not include** any of the following items: patching of walls, floors or ceilings, painting, tile work, roofing, concrete removal or replacement other than that listed in our scope above, structural steel, or any other work of a general construction nature.
6. This proposal constitutes our complete offer for furnishing the systems listed herein and shall by reference or actual attachment, become a part of any subsequent contract.

PROPOSAL



7. We **do not include** allowances for temporary services, including temporary restrooms, heating, ventilation or water.
8. All work which will could impact the customer or their tenants will be performed during off hours.
9. This proposal **does not include** any allowance for fire protection or sprinkler work.
10. Sun Mechanical will not be held responsible for any liquidated damages for reasons that are outside of Sun Mechanical's control.
11. Unless specifically outlined in our scope above, we do not include full commissioning of any of the mechanical equipment. We do include a standard start-up and documentation for all of the new mechanical equipment. A standard start-up does not provide any performance testing or trend testing.
12. If a contract is not received after sixty days from the date of this proposal, we reserve the right to adjust our pricing to accommodate for cost increases in material and equipment due to market fluctuations.

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: May 6, 2015

Agenda Item VI.d.

Subject: VI. Building Renewal Grant Requests

**d. Consideration and possible vote to accept, reject or modify
Building Renewal Grant Requests (construction awards)**

**Amphitheater Unified (2 requests)
Balsz Elementary
Bullhead City Elementary
Colorado River Union (2 requests)
Crane Elementary
Elfrida Elementary
Hackberry Elementary
J O Combs Unified
Kingman Unified
Lake Havasu Unified (4 requests)
Litchfield Elementary**

Background – Amphitheater Unified (Copper Creek ES – replace three HVAC units and accessories) Request 1 of 2

Amphitheater Unified has submitted a Building Renewal Grant request to replace two 20-ton and one 5-ton HVAC units that service the Multipurpose Building 1009 at Copper Creek Elementary School.

Amphitheater Unified, located in Tucson, Arizona, has 21 schools. Copper Creek Elementary School is comprised of seven buildings constructed between 1978 and 1994, totaling 106,002 square feet. Building 1009 was built in 1987, totaling 13,636 square feet.

Staff has visited the school site and agrees with the assessment provided by the engineer for the replacement. District staff has repaired these units multiple times over the years and many replacement parts are no longer available.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Amphitheater Unified (Copper Creek ES – replace three HVAC units and accessories)

Staff recommends that Amphitheater Unified be awarded \$157,838 in Building Renewal Grant funding to replace two 20-ton and one 5-ton HVAC units that service the Multipurpose Building 1009 at Copper Creek Elementary School. This includes \$20,000 for an asbestos survey and abatement and \$12,244 in contingency that will only be used with SFB staff approval.

Background – Amphitheater Unified (Lawrence W. Cross MS – HVAC curb retrofit) Request 2 of 2

Amphitheater Unified has submitted a Building Renewal Grant request to replace a 5-ton HVAC unit and roof curb that services the Administration/Library Building 1001 at Lawrence W. Cross Middle School.

Amphitheater Unified, located in Tucson, Arizona, has 21 schools. Lawrence W. Cross Middle School is comprised of 13 buildings constructed between 1974 and 2004, totaling 108,812 square feet. Building 1001 was built in 1976, totaling 14,982 square feet.

Staff has visited the school and observed that the existing HVAC unit is currently functional and has required only minor repair over the years for continued operation. The leaking refrigerant issue may be corrected without replacing the entire unit. Replacement of this unit does not qualify as a “primary building renewal project”.

However, the existing roof curb, which was improperly installed, causes leaking into the building and needs to be replaced. Staff estimates the curb retrofit to cost less than \$10,000.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation - Amphitheater Unified (Lawrence W. Cross MS – HVAC curb retrofit)

Staff recommends that Amphitheater Unified be awarded \$10,000 in Building Renewal Grant funding for the HVAC curb retrofit on Building 1001 at Lawrence W. Cross Middle School.

Background – Blas Elementary (Orangedale ES – replace chiller)

Balsz Elementary has submitted a Building Renewal Grant request for the replacement of the chiller that serves Orangedale Elementary School.

Blasz Elementary, located nine miles east of downtown Phoenix, has five schools. Orangedale Elementary School is comprised of 18 buildings constructed between 1957 and 1996, totaling 81,531 square feet. Currently, a private school leases 70.9% of the campus, while the district operates the remaining 29.1%.

The existing chiller was installed around 1996. The chiller has failed, but has been repaired to provide some functionality until the unit can be replaced. Parts are no longer available for the existing unit. The district has received an engineering estimate of \$25,000 for design costs and \$300,000 in construction costs. Staff estimates a need for \$39,000 in contingency, for a total cost of \$364,000.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Blaszc Elementary (Orangedale ES – replace chiller)

Staff recommends that Blaszc Elementary be awarded \$105,924 (29.1% of the estimated \$364,000 for design, construction and contingency) in Building Renewal Grant funding for the replacement of the chiller at Orangedale Elementary School. The district is responsible for the balance of the project cost \$258,076.

Background – Bullhead City Elementary (Coyote Canyon ES – replace 10-ton HVAC unit)

Bullhead City Elementary has submitted a Building Renewal Grant request to replace the 10-ton HVAC unit serving the cafeteria/music Building 1003 at Coyote Canyon Elementary School.

Bullhead City Elementary, located 220 miles northwest of Phoenix, has seven schools. Coyote Canyon Elementary School is comprised of six buildings constructed between 1995 and 1997, totaling 57,438 square feet. Building 1003 was built in 1995, totaling 11,160 square feet.

The district received proposals; the lowest was \$12,200 to replace the unit.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Bullhead City Elementary (Coyote Canyon ES – replace 10-ton HVAC unit)

Staff recommends that Bullhead City Elementary be awarded \$15,000 in Building Renewal Grant funding to replace the 10-ton HVAC unit serving the cafeteria/music Building 1003 at Coyote Canyon Elementary School. This includes \$1,500 for structural engineering and \$1,300 in contingency that will only be used with SFB staff approval.

Background – Colorado River Union (River Valley HS – replace/repair doors and hardware)

Request 1 of 2

Colorado River Union has submitted a Building Renewal Grant request to repair and/or replace doors and hardware at River Valley High School.

Colorado River Union, located 220 miles northwest of Phoenix, has two schools. River Valley High School is comprised of 11 buildings constructed between 1992 and 2008, totaling 164,294 square feet.

SFB staff visited the school and looked at every door in order to determine the scope of the repairs. The low proposal for the replacement of the selected doors and hardware is \$128,672.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Colorado River Union (River Valley HS – replace/repair doors and hardware)

Staff recommends that Colorado River Union be awarded \$134,672 in Building Renewal Grant funding to replace/repair doors and hardware at River Valley High School. This includes \$6,000 in contingency that will only be used with SFB staff approval.

Background – Colorado River Union (River Valley HS – repair fire sprinkler piping) Request 2 of 2

Colorado River Union has submitted a Building Renewal Grant request to repair leaking fire sprinkler piping on Building 1009 at River Valley High School.

Colorado River Union, located 220 miles northwest of Phoenix, has two schools. River Valley High School is comprised of 11 buildings constructed between 1992 and 2008, totaling 164,294 square feet. Building 1009 was built in 2007, totaling 23,142 square feet.

The district received a proposal of \$569 for the repair.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Colorado River Union (River Valley HS – repair fire sprinkler piping)

Staff recommends that Colorado River Union be awarded \$769 in Building Renewal Grant funding for the repair of the fire sprinkler piping on Building 1009 at River Valley High School. This includes \$200 in contingency that will only be used with SFB staff approval.

Background – Crane Elementary (Rancho Viejo ES – replace kitchen hood extinguishing system)

Crane Elementary has submitted a Building Renewal Grant request to replace the kitchen hood extinguishing system in Building 1002 at Rancho Viejo Elementary School.

Crane Elementary, located in Yuma, has ten schools. Rancho Viejo Elementary School is comprised of 23 buildings constructed between 1940 and 2004, totaling 138,380 square feet. Building 1002 was built in 1978, totaling 16,128 square feet.

The existing extinguishing system requires component replacement which is no longer available. Additionally, the extinguishing agent does not meet the current fire code. The lowest proposal received to replace the system with one that meets the fire code was \$5,893.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Crane Elementary (Rancho Viejo ES – replace kitchen hood extinguishing system)

Staff recommends that Crane Elementary be awarded \$6,200 in Building Renewal Grant funding to replace the kitchen hood extinguishing system in Building 1002 at Rancho Viejo Elementary School. This includes \$307 in contingency that will only be used with SFB staff approval.

Background – Elfrida Elementary (Elfrida ES – replace fire alarm panel)

Elfrida Elementary has submitted a Building Renewal Grant request to replace the fire alarm panel at Elfrida Elementary School.

Elfrida Elementary, located 118 miles southeast of Tucson, has one school. Elfrida Elementary School is comprised of eight buildings constructed between 1957 and 2005, totaling 29,737 square feet.

The fire alarm system is in distress and needs to be repaired. The lowest proposal received is \$2,868 to replace the panel.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Elfrida Elementary (Elfrida ES – replace fire alarm panel)

Staff recommends that Elfrida Elementary be awarded \$3,200 in Building Renewal Grant funding to replace the fire alarm panel at Elfrida Elementary School. This includes \$332 in contingency that will only be used with SFB staff approval.

Background – Hackberry Elementary (Cedar Hills ES – repair/recoat roof)

Hackberry Elementary has submitted a Building Renewal Grant request to repair the roof on Building 1004 at Cedar Hills Elementary School.

Hackberry Elementary, located 190 miles northwest of Phoenix in Kingman, has one school. Cedar Hills Elementary School is comprised of five buildings constructed between 1980 and 2001, totaling 19,916 square feet. Building 1004 was built in 2001, totaling 16,556 square feet.

Staff visited the school and found the roof in need of further investigation by a professional roofing specialist. The district received a proposal of \$14,215 for the initial investigation, scope of work, bid documents and construction administration, and \$91,978 estimated cost for the roof recoat.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Hackberry Elementary (Cedar Hills ES – repair/recoat roof)

Staff recommends that Hackberry Elementary be awarded \$125,693 in Building Renewal Grant funding for the initial investigation, scope of work, bid documents, construction administration and recoat of the roof on Building 1004 at Cedar Hills Elementary School. This includes \$2,500 for a

structural analysis, \$5,000 for asbestos testing, and \$12,000 in contingency that will only be used with SFB staff approval.

Background – J O Combs Unified (Combs HS – repair central plant condenser pumps)

J O Combs Unified has submitted a Building Renewal Grant request to repair the condenser pumps on the central plant on Building 1006 at Combs High School.

J O Combs Unified, located 35 miles southeast of Phoenix, has seven schools. Combs High School is comprised of six buildings constructed in 2010, totaling 235,383 square feet. Building 1006 is 75,926 square feet.

The district received an engineering proposal of \$12,000 to assess the control system, pumps, and valves, review the control programming, exercise all components and provide a report with recommended solutions. The cost to repair one of the pumps is \$8,342.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – J O Combs (Combs HS – repair central plant condenser pumps)

Staff recommends that J O Combs Unified be awarded \$25,342 in Building Renewal Grant funding for the engineering and repair of one central plant condenser pump on Building 1006 at Combs High School. This includes \$5,000 in contingency that will only be used with SFB staff approval.

Background – Kingman Unified (Lee Williams HS – replace 7.5-ton HVAC compressor)

Kingman Unified has submitted a Building Renewal Grant request to replace a 7.5-ton HVAC compressor that serves Building 1001 at Lee Williams High School.

Kingman Unified, located 185 miles northwest of Phoenix in Kingman, has 13 schools. Lee Williams High School is comprised of seven buildings constructed in 2011, totaling 157,529 square feet. Building 1001 is 107,036 square feet.

The district received the lowest proposal of \$6,638.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation - Kingman Unified (Lee Williams HS – replace 7.5-ton HVAC compressor)

Staff recommends that Kingman Unified be awarded \$8,000 in Building Renewal Grant funding to replace the 7.5-ton HVAC compressor on Building 1001 at Lee Williams High School. This includes \$1,362 in contingency that will only be used with SFB staff approval.

Background – Lake Havasu Unified (Thunderbolt MS – replace starter buckets on central plant) Request 1 of 4

Lake Havasu Unified has submitted a Building Renewal Grant request to replace two starter buckets on the central plant motor control center on Building 1001 at Thunderbolt Middle School.

Lake Havasu Unified, located 202 miles northwest of Phoenix along the Colorado River, has nine schools. Thunderbolt Middle School is comprised of one building constructed in 1994, totaling 183,694 square feet.

Staff visited the school site, inspected the motor control center and found the starter buckets to the condensing water loop bypassed and in need of replacement.

The cost of the starters is \$8,425. District personnel will perform the installation.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Lake Havasu Unified (Thunderbolt MS – replace starter buckets on central plant)

Staff recommends that Lake Havasu Unified be awarded \$9,425 in Building Renewal Grant funding to replace two starter buckets on the central plant motor control center on Building 1001 at Thunderbolt Middle School. This includes \$1,000 in contingency that will only be used with SFB staff approval.

Background – Lake Havasu Unified (Havasupai ES – replace package heat pump) Request 2 of 4

Lake Havasu Unified has submitted a Building Renewal Grant request to replace a package heat pump on classroom Building 1001 (Room 112) at Havasupai Elementary School.

Lake Havasu Unified, located 202 miles northwest of Phoenix along the Colorado River, has nine schools. Havasupai Elementary School is comprised of eight buildings constructed between 1972 and 1981, totaling 53,100 square feet. Building 1001 was built in 1972, totaling 35,400 square feet.

Staff visited the school site, inspected the heat pump and found a failed compressor. The heat pump is 26 years old and needs to be replaced. The lowest proposal received was \$7,652. The cost for engineering and a structural evaluation is estimated at \$2,500.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Lake Havasu Unified (Havasupai ES – replace package heat pump)

Staff recommends that Lake Havasu Unified be awarded \$11,152 in Building Renewal Grant funding to replace a package heat pump on Building 1001 at Havasupai Elementary School. This

includes \$2,500 for engineering and a structural evaluation and \$1,000 in contingency that will only be used with SFB staff approval.

Background – Lake Havasu Unified (Havasupai ES – replace package heat pump)

Request 3 of 4

Lake Havasu Unified has submitted a Building Renewal Grant request to replace a package heat pump on classroom Building 1005 (Room 148) at Havasupai Elementary School.

Lake Havasu Unified, located 202 miles northwest of Phoenix along the Colorado River, has nine schools. Havasupai Elementary School is comprised of eight buildings constructed between 1972 and 1981, totaling 53,100 square feet. Building 1005 was built in 1981, totaling 1,032 square feet.

Staff visited the school site, inspected the heat pump and found a failed compressor and a leaky coil to the exchanger. Staff agrees that the package heat pump needs to be replaced. The lowest proposal received was \$8,324. The cost for engineering and a structural evaluation is estimated to be \$2,500.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Lake Havasu Unified (Havasupai ES – replace package heat pump)

Staff recommends that Lake Havasu Unified be awarded \$11,824 in Building Renewal Grant funding to replace a package heat pump on Building 1005 at Havasupai Elementary School. This includes \$2,500 for engineering and a structural evaluation and \$1,000 in contingency that will only be used with SFB staff approval.

Background – Lake Havasu Unified (Starline ES – replace package heat pump) Request 4 of 4

Lake Havasu Unified has submitted a Building Renewal Grant request to replace a package heat pump on classroom Building 1003 (Room 129) at Starline Elementary School.

Lake Havasu Unified, located 202 miles northwest of Phoenix along the Colorado River, has nine schools. Starline Elementary School is comprised of five buildings constructed between 1974 and 1981, totaling 51,255 square feet. Building 1003 was built in 1981, totaling 1,032 square feet.

Staff visited the school site, inspected the package heat pump and found an unrepairable refrigerant leak. The heat pump needs to be replaced. The lowest proposal received was \$9,156 and the estimated cost for engineering and a structural evaluation is \$2,500.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Lake Havasu Unified (Starline ES – replace package heat pump)

Staff recommends that Lake Havasu Unified be awarded \$12,656 in Building Renewal Grant funding to replace a package heat pump on Building 1003 at Starline Elementary School. This

includes \$2,500 for engineering and a structural evaluation and \$1,000 in contingency that will only be used with SFB staff approval.

Background – Litchfield Elementary (Wigwam Creek MS – replace HVAC compressor)

Litchfield Elementary has submitted a Building Renewal Grant request to replace the HVAC compressor on Building 1003 at Wigwam Creek Middle School.

Litchfield Elementary, located 20 miles due west of downtown Phoenix, has 13 schools. Wigwam Creek Middle School is comprised of seven buildings constructed in 2002, totaling 108,000 square feet. Building 1003 is 17,800 square feet.

The district received several proposals to replace the unit; the lowest was \$1,976.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation– Litchfield Elementary (Wigwam Creek MS – replace HVAC compressor)

Staff recommends that Litchfield Elementary be awarded \$2,176 in Building Renewal Grant funding to replace the HVAC compressor on Building 1003 at Wigwam Creek Middle School. This includes \$200 in contingency that will only be used with SFB staff approval.

Board Action Requested: [] information [X] action / described below

1. Board approval of the staff recommendation that **Amphitheater Unified** be awarded \$157,838 in Building Renewal Grant funding to replace two 20-ton and one 5-ton HVAC units that service the Multipurpose Building 1009 at Copper Creek Elementary School. This includes \$20,000 for an asbestos survey and abatement and \$12,244 in contingency that will only be used with SFB staff approval.
2. Board approval of the staff recommendation that **Amphitheater Unified** be awarded \$10,000 in Building Renewal Grant funding for the HVAC curb retrofit on Building 1001 at Lawrence W. Cross Middle School.
3. Board approval of the staff recommendation that **Balsz Elementary** be awarded \$105,924 (29.1% of the estimated \$364,000 for design, construction and contingency) in Building Renewal Grant funding for the replacement of the chiller at Orangedale Elementary School. The district is responsible for the balance of the project cost \$258,076.
4. Board approval of the staff recommendation that **Bullhead City Elementary** be awarded \$15,000 in Building Renewal Grant funding to replace the 10-ton HVAC unit serving the cafeteria/music Building 1003 at Coyote Canyon Elementary School. This includes \$1,500 for structural engineering and \$1,300 in contingency that will only be used with SFB staff approval.
5. Board approval of the staff recommendation that **Colorado River Union** be awarded \$134,672 in Building Renewal Grant funding to replace/repair doors and hardware at River Valley High School. This includes \$6,000 in contingency that will only be used with SFB staff approval.
6. Board approval of the staff recommendation that **Colorado River Union** be awarded \$769 in Building Renewal Grant funding for the repair of the fire sprinkler piping on Building 1009 at River Valley High School. This includes \$200 in contingency that will only be used with SFB staff approval.
7. Board approval of the staff recommendation that **Crane Elementary** be awarded \$6,200 in Building Renewal Grant funding to replace the kitchen hood extinguishing system in Building 1002 at Rancho Viejo Elementary School. This includes \$307 in contingency that will only be used with SFB staff approval.
8. Board approval of the staff recommendation that **Elfrida Elementary** be awarded \$3,200 in Building Renewal Grant funding to replace the fire alarm panel at Elfrida Elementary School. This includes \$332 in contingency that will only be used with SFB staff approval.
9. Board approval of the staff recommendation that **Hackberry Elementary** be awarded \$125,693 in Building Renewal Grant funding for the initial investigation, scope of work, bid documents, construction administration and recoat of the roof on Building 1004 at Cedar Hills Elementary School. This includes \$2,500 for a structural analysis, \$5,000 for asbestos testing, and \$12,000 in contingency that will only be used with SFB staff approval.
10. Board approval of the staff recommendation that **J O Combs Unified** be awarded \$25,342 in Building Renewal Grant funding for the engineering and repair of one central plant

condenser pump on Building 1006 at Combs High School. This includes \$5,000 in contingency that will only be used with SFB staff approval.

11. Board approval of the staff recommendation that **Kingman Unified** be awarded \$8,000 in Building Renewal Grant funding to replace the 7.5-ton HVAC compressor on Building 1001 at Lee Williams High School. This includes \$1,362 in contingency that will only be used with SFB staff approval.
12. Board approval of the staff recommendation that **Lake Havasu Unified** be awarded \$9,425 in Building Renewal Grant funding to replace two starter buckets on the central plant motor control center on Building 1001 at Thunderbolt Middle School. This includes \$1,000 in contingency that will only be used with SFB staff approval.
13. Board approval of the staff recommendation that **Lake Havasu Unified** be awarded \$11,152 in Building Renewal Grant funding to replace a package heat pump on Building 1001 at Havasupai Elementary School. This includes \$2,500 for engineering and a structural evaluation and \$1,000 in contingency that will only be used with SFB staff approval.
14. Board approval of the staff recommendation that **Lake Havasu Unified** be awarded \$11,824 in Building Renewal Grant funding to replace a package heat pump on Building 1005 at Havasupai Elementary School. This includes \$2,500 for engineering and a structural evaluation and \$1,000 in contingency that will only be used with SFB staff approval.
15. Board approval of the staff recommendation that **Lake Havasu Unified** be awarded \$12,656 in Building Renewal Grant funding to replace a package heat pump on Building 1003 at Starline Elementary School. This includes \$2,500 for engineering and a structural evaluation and \$1,000 in contingency that will only be used with SFB staff approval.
16. Board approval of the staff recommendation that **Litchfield Elementary** be awarded \$2,176 in Building Renewal Grant funding to replace the HVAC compressor on Building 1003 at Wigwam Creek Middle School. This includes \$200 in contingency that will only be used with SFB staff approval.

Attachments: Yes [X] No []

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Amphitheater Unified**
 BRG Project Number: 100210118-1009-003BRG Pima County
 Project Description: **Replace three HVAC units and accessories**
 Consultant: Kelly Wright & Associates (Donovan Kelly 520-887-1919)
 Contractor: TBD
 Board approval date: 5/6/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 99,594
Contingency ①		\$ 12,244
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 22,000
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 4,000
Testing & Inspection		\$ 20,000
Total Additional Cost:		\$ 46,000
Total SFB Funded Project Cost:		\$ 157,838
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 157,838
Total Project Cost:		\$ 157,838

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date:

Application ID: 1959

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Amphitheater Unified District
Superintendent: Patrick Nelson
Contact Person: James Burns
Contact Phone Number: (520) 696-5148
Contact Email: jburns@amphi.com
School Site: Copper Creek Elementary School
Buildings: 1009 MPR

Application Title: MPR HVAC Replacement

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Replacement of three (3) HVAC units that are 27 years old. One unit had a control board short out and burn but do to age the control board is no longer available. One unit has a failed compressor, but do to age it is recommended that the unit be replaced rather than repaired. All three units have condenser coils. Duct work is damaged and dented from age, corrosion of electrical conduits and unit frames are of concern. Outside air intake for the system that serves the music room appears to be installed to close to the exhaust fan for current code compliance. Dampers for outside air intake and relief are no longer functioning.

Estimated project total cost for the replacement of three units is \$138,000. This includes \$22,000 for engineering and creation of bid documents, \$4,000 construction management, and an estimated 112,000 for construction.

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project	\$0.00
--	--------

Please outline any associated insurance coverage.

Units excessive age is causing failure and parts are becoming very hard to locate for repairs. Units are 27 years old.

Building Renewal Grant Application

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Patrick Nelson
Superintendent Printed Name

Patrick Nelson
Superintendent Signature

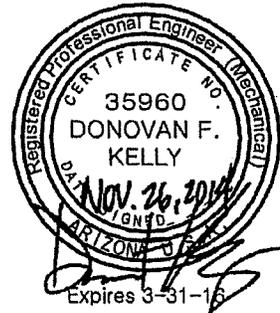
March 30, 2015
Date

HVAC Equipment Assessment
at
Copper Creek Elementary School
Amphitheater Public Schools

Project Location:

11620 N. Copper Spring Trail
Tucson, AZ 85737

November 26, 2014



www.kwmech.com
KWA PROJECT NO. 14081

EXECUTIVE SUMMARY

It is the recommendation of this report that two 20 ton and one five ton rooftop air conditioning units at this school be replaced with similarly-sized, same type equipment. Since one of the 20 ton units is in more critical condition, we have broken-out the costs for one 20 ton unit replacement to ensure it gets priority in the event funding is limited.

Mechanical costs related to this project include:

- The Engineer's estimated probable mechanical cost of construction is \$112,000 to replace all 3 units at one time. Our estimate to replace only one of the 20 ton units is \$50,000. Refer to Appendix 1 for breakout of costs. Note that our cost estimates include contingency and overhead allowances.
- The Engineering fees to design of the unit replacements, electrical modifications and structural evaluation of the roof will be based on the quantity of units involved in the project. We estimate that the total design-phase engineering services would not exceed \$22,000.
- We estimate that an additional \$4,000 should be included in the project budget to cover construction administration phase services by the engineering team.
- Total project budget = \$138,000

EXISTING CONDITIONS

There are four (4) air conditioning units, two (2) exhaust fans, and one (1) evaporative cooler installed on the Kitchen roof. The Multi-Purpose Room is served by two York 20 ton A/C units configured to condition the space in east and west zones. The Music Room is served by a 5-ton York A/C unit. The Stage is served by a 7.5 ton Trane packaged unit. It is our understanding that the MPR units and the Music room unit were all installed in 1987 (27 years old). All units are on roof curbs. The MPR units are ducted in a side-discharge configuration. The ductwork is currently configured with dampers to provide what appears to be an economizer. The Music room unit is down-discharge thru the roof curb.

Note: All the tags on the York units have degraded to a point where they cannot be read. The unit sizes were provided by the school based on their records. We did not review drawings as part of this phase of the project.

PROBLEM DEFINITION

The west MPR unit had a fire in the heating section which resulted in damaged controls. It is our understanding that the control boards for these old York units are no longer available. The Music room unit has already had two compressors replaced and is currently in need of another replacement. All units have reached the end of their expected useful service life per ASHRAE standards. The condensate piping for all of the air conditioning units has been stolen. Many sections of steel gas piping installed on the roof are not painted and are heavily rusted. In general the pipe supports are missing or are deteriorated to the point that they no longer adequately support the piping. The ductwork supports are rusted and may no longer be structurally sound to support the ductwork. The condenser coil fins for all the air conditioning units are damaged. The tops of the ductwork exposed on the roof is dented which has damaged the seams and has created a spot for ponding water. We assume that water has made it to the interior of the fiberglass insulated ducts which is an air quality concern. The electrical conduit is heavily rusted in places. The outside air intake for the Music room unit appears to be too close to an exhaust fan outlet. The dampers for the outside air intake and relief system are not functioning. The outside air duct was insulated with duct liner which has been exposed to the weather and is severely damaged.

PROPOSED CORRECTION

We suggest that both the MPR units and the Music room unit be replaced with similarly-sized units in similar duct configurations. The Music room unit should be selected or relocated to ensure its outside air intake is not within the code required clearance to the exhaust fan discharge. New units should be provided with factory outside air and (where required by code) economizer dampers. All the damaged sections of ductwork and associated duct supports should also be replaced. The gas piping serving each unit should be replaced and all piping should be painted. All piping supports should be replaced. New condensate piping should be installed for all units. Rusted electrical conduit should be replaced.

APPENDIX 1: CONSTRUCTION COST ESTIMATES

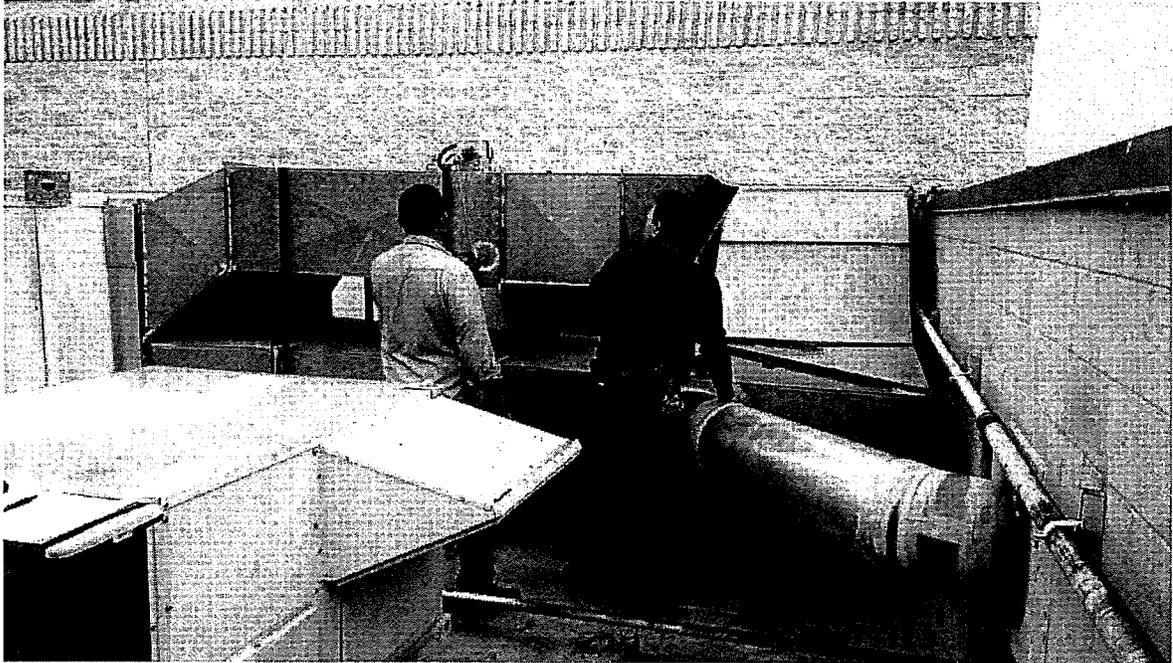
Copper Creek Elementary
Replace (2) 20 ton and (1) 5 ton Rooftop Units - MPR Building
 Pre-Design Estimate - November 2014


KELLY • WRIGHT
 ASSOCIATES • PC
HVAC • PLUMBING
 FIRE PROTECTION

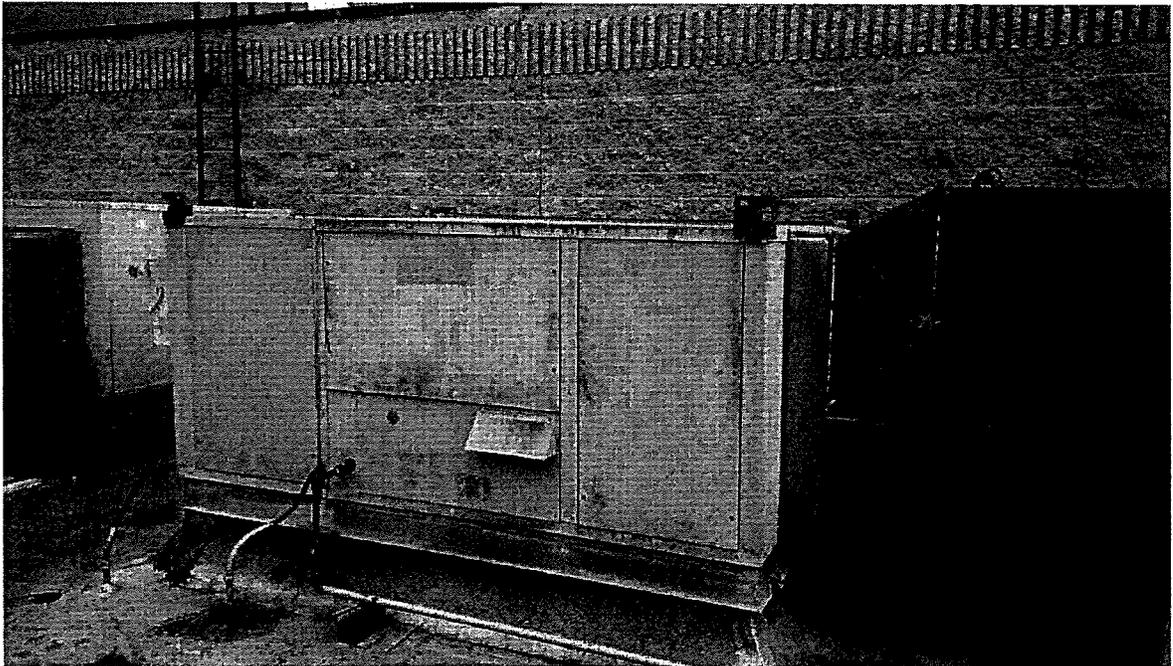
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
1	Demo existing 20-Ton rooftop air conditioning unit	2.0	EA	\$ 1,900	\$ 3,800
2	Demo existing 5-Ton air conditioning unit	1.0	EA	\$ 875	\$ 875
3	Demo existing ductwork and duct supports	1.0	LS	\$ 1,800	\$ 1,800
4	Demo existing gas piping and associated supports	1.0	LS	\$ 400	\$ 400
5	Install new 20-Ton Rooftop AC	2.0	LS	\$ 29,200	\$ 58,400
6	Install new 5-Ton Rooftop AC	1.0	LS	\$ 7,800	\$ 7,800
7	Crane Rental	8.0	HRS	\$ 150	\$ 1,200
8	Miscellaneous ductwork, piping and supports	1.0	LS	\$ 3,500	\$ 3,500
9	Test and Balance new units	3.0	EA	\$ 450	\$ 1,350
10	Electrical allowance	3.0	LS	\$ 500	\$ 1,500
11	Roll-Off Rental	1.0	LS	\$ 500	\$ 500
12	Prep, Prime and Paint existing exterior piping	1.0	LS	\$ 500	\$ 500
13					
14					
15					
16					
17					
18					
19					
20					
21					
A.	SUBTOTAL CONSTRUCTION COST				\$ 81,625
B.	Contingency	15.0%		of Line A	\$ 12,244
C.	General Conditions, project management	10.0%		of Line A+B	\$ 9,387
D.	Tax (Tucson)	5.97%		of Line A+B+C	\$ 6,108
E.	Insurance	1.0%		of Line A+B+C+D	\$ 1,094
F.	SUBTOTAL CONSTRUCTION COST INCLUDING MARK-UPS				\$ 110,457
G.	Bond	12.5%		of Line F	\$ 13,811
H.	TOTAL CONSTRUCTION COST ESTIMATE				\$ 111,838

This estimate represents the engineer's opinion of a rough order of magnitude of construction costs and shall not be construed as being related to the actual cost of construction in any way. The Engineer has no control over market conditions, costs or availability of labor, bidding procedures, contractor's bids, etc. This estimate does not constitute a guarantee that actual costs will not exceed estimated costs.

APPENDIX 2: PHOTOS OF EXISTING CONDITIONS

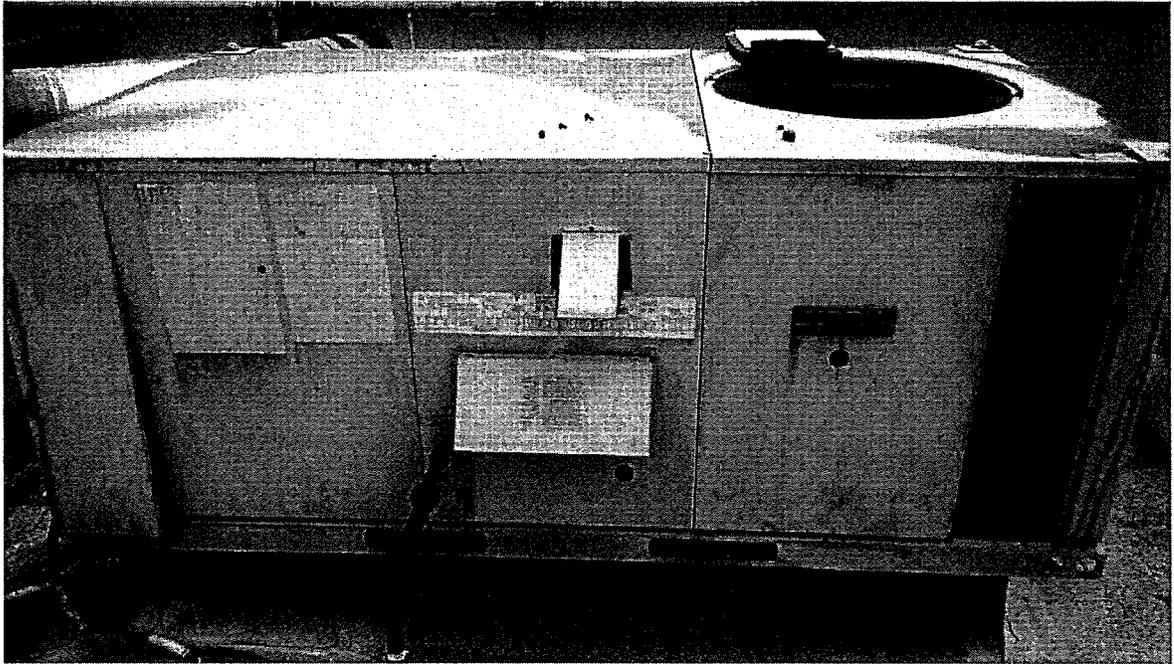


MPR 20 ton unit with outside air intake and dampers for (an assumed) economizer

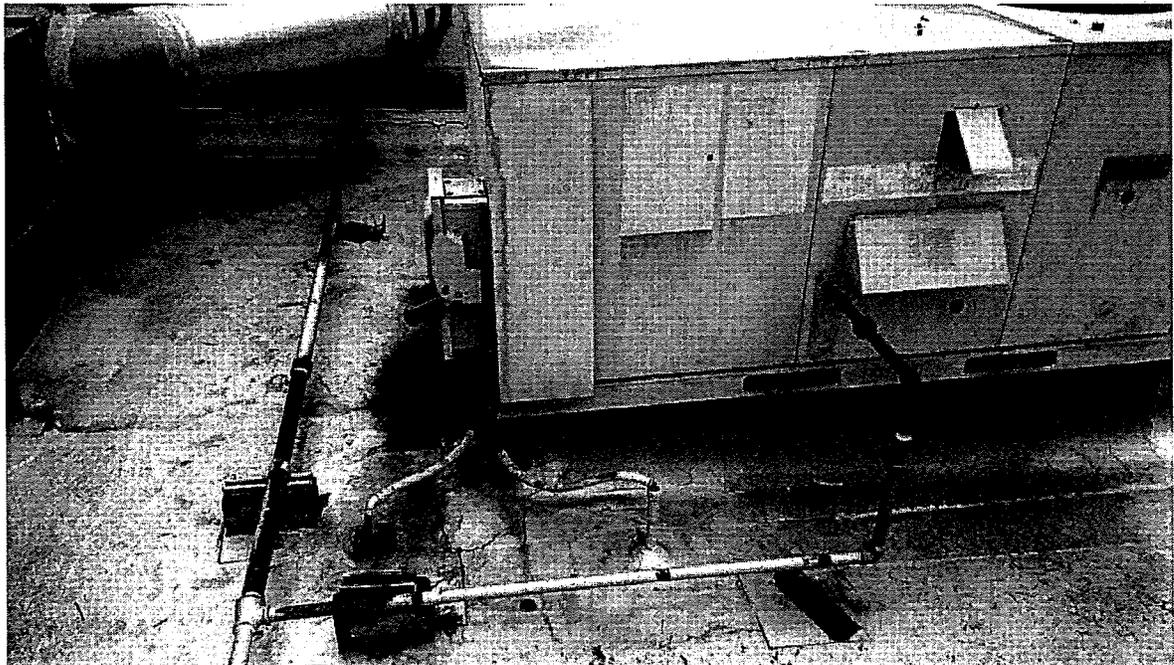


One of the MPR 20-ton units with side-discharge ductwork

HVAC Equipment Assessment: Copper Creek Elementary School



Music Room 5-ton unit

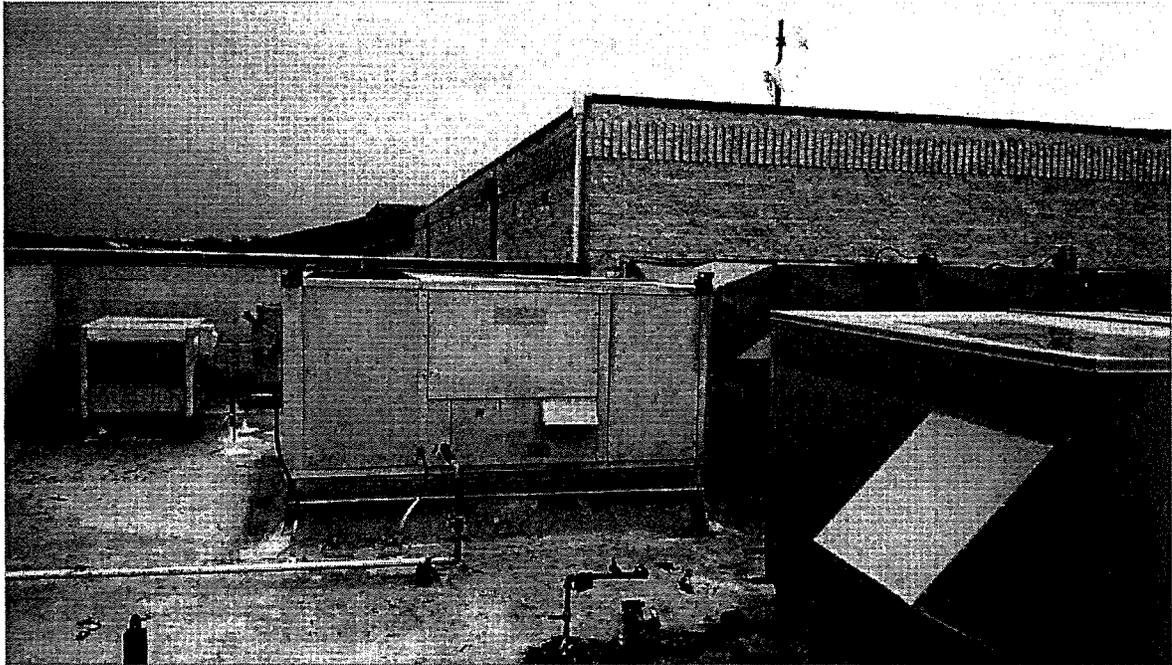


Rusted Piping & Damaged/Missing Pipe Supports

HVAC Equipment Assessment: Copper Creek Elementary School

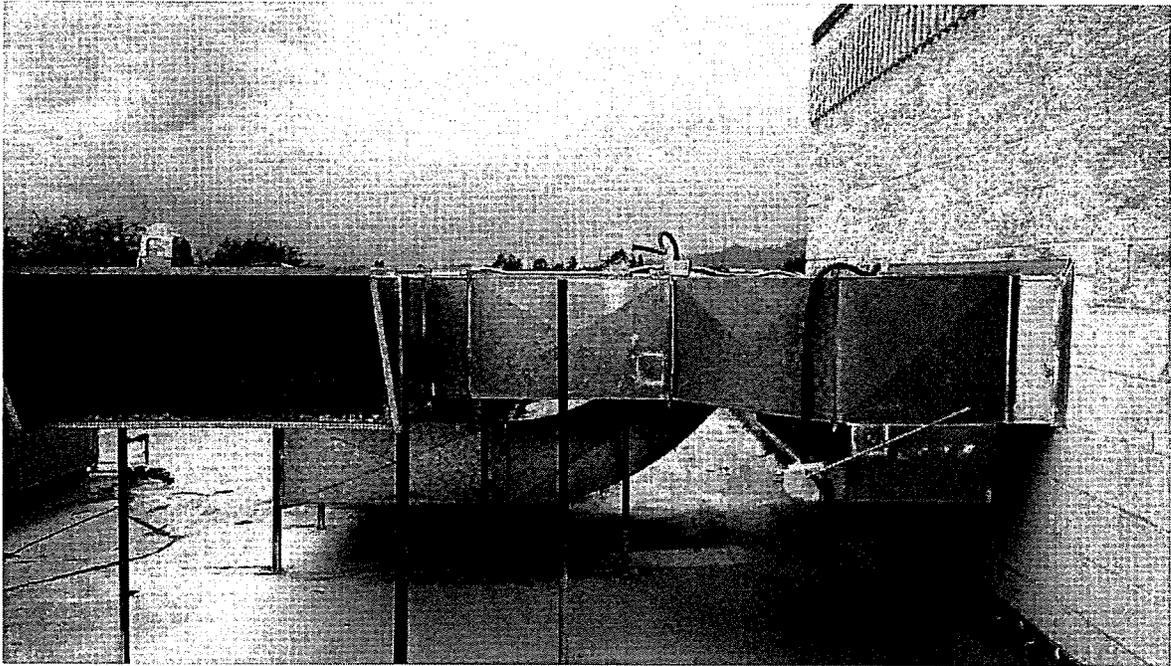


Missing Condensate Piping

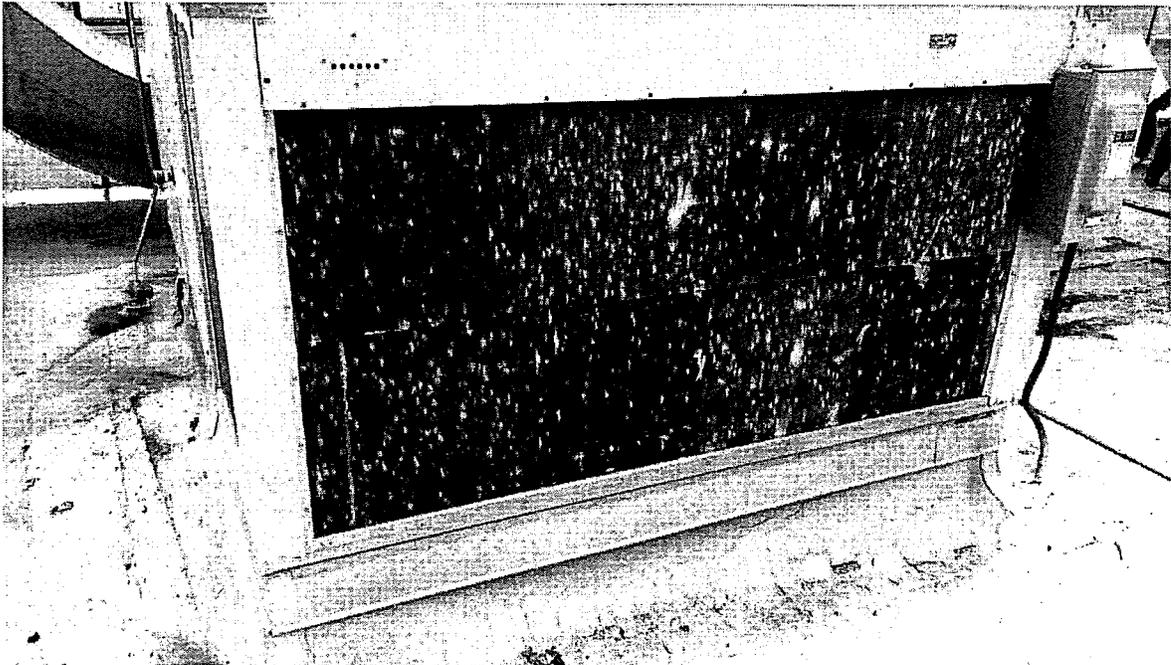


AC-2

HVAC Equipment Assessment: Copper Creek Elementary School

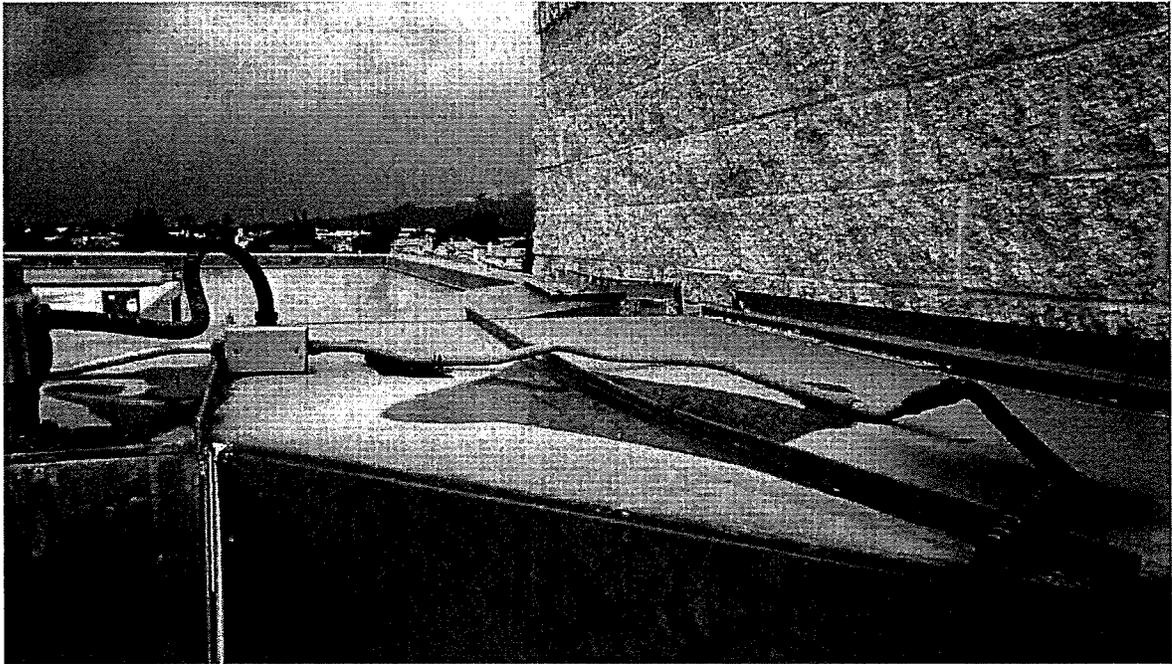


AC-2 Ductwork Configuration

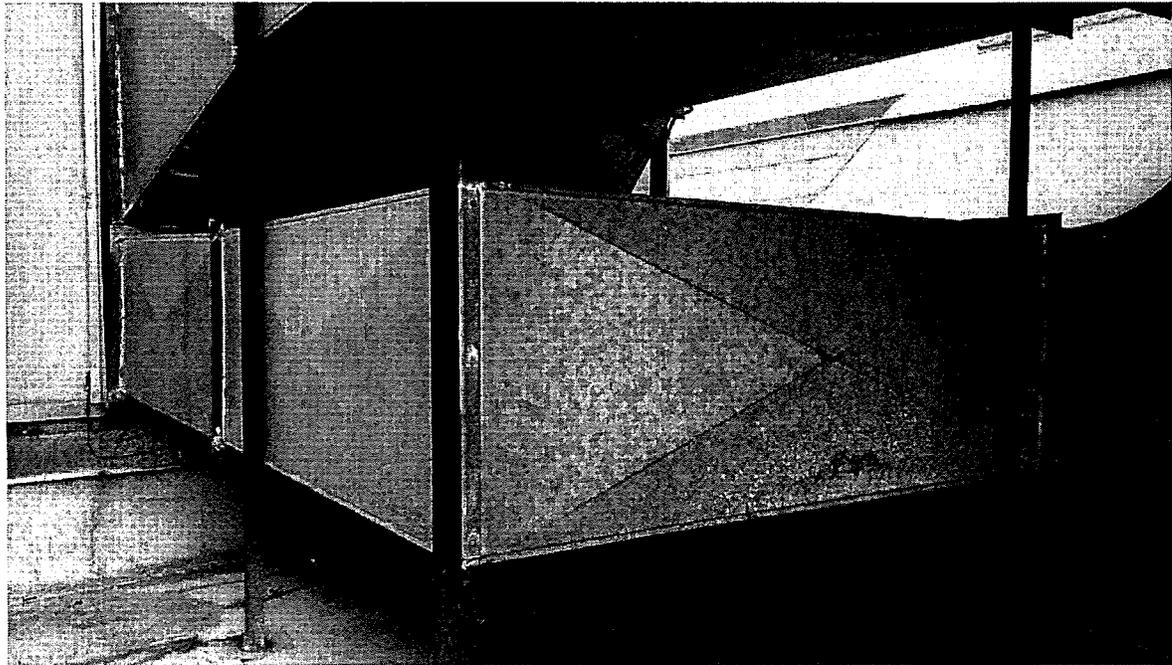


Damaged Coil Fins

HVAC Equipment Assessment: Copper Creek Elementary School

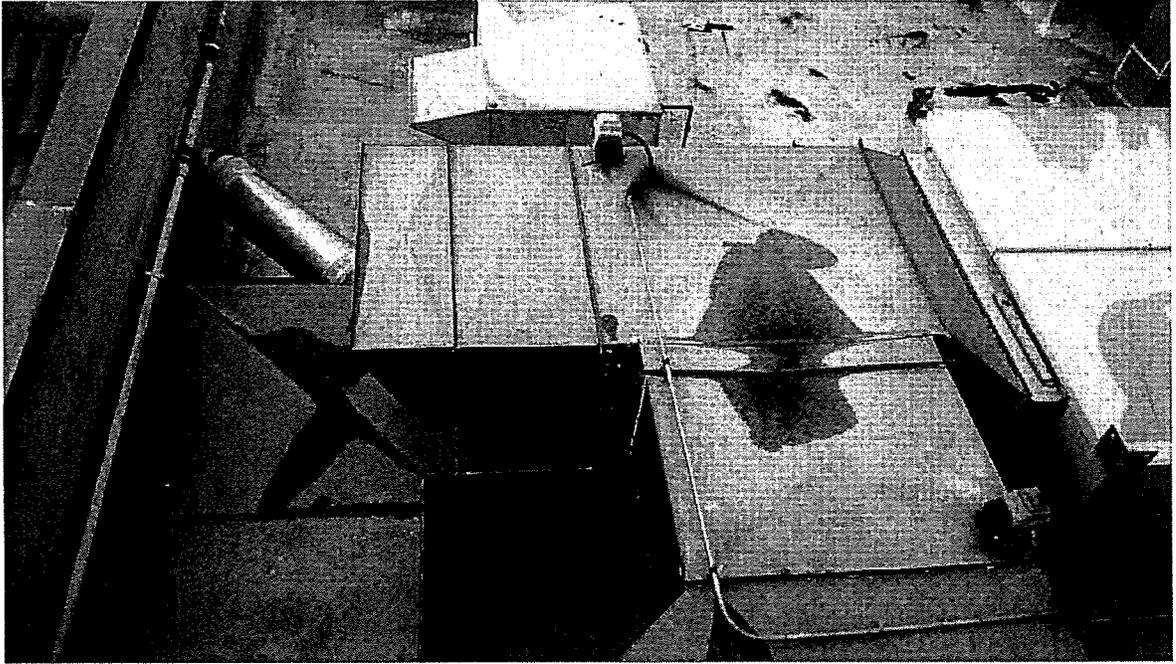


Rusted Conduit & Standing Water on Ductwork



Rusted Duct Supports

HVAC Equipment Assessment: Copper Creek Elementary School



Rusted Conduit & Standing Water on Ductwork

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Amphitheater Unified**
BRG Project Number: 100210167-1001-004BRG Pima County
Project Description: HVAC curb retrofit
Consultant: Kelly Wright & Associates (Donovan Kelly 520-887-1919)
Contractor: TBD
 Board approval date: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:	\$ 10,000
Contingency ①	\$ -
Additional Cost:	
Architecture / Engineering (A&E) Fees	\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ -
Total SFB Funded Project Cost:	\$ 10,000
District or Local Funds:	\$ -
SFB Board Approved Amount:	\$ 10,000
Total Project Cost:	\$ 10,000

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date:

Application ID: 1962

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Amphitheater Unified District
Superintendent: Patrick Nelson
Contact Person: James Burns
Contact Phone Number: (520) 696-5148
Contact Email: jburns@amphi.com
School Site: Lawrence W Cross Middle School
Buildings: 1001 Administration & Library

Application Title: Replace HVAC and correct HVAC roof curbing

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Building Renewal Grant Application

The roof curb for the Lennox unit is leaking into the building. The air conditioning unit is also leaking refrigerant. The gas piping to the unit is rusted and the condenser coil fins are damaged. Some of the pipe supports are damaged and some are missing. Because the unit is smaller than the platform curb that supports it, the top of the platform curb has deflected near the center. This is causing ponding water. Because the unit is down-discharge and is not flashed over a curb edge, the duct penetrations thru the platform curb are sitting in the ponding water. This is causing the roof leak to leak rain water into the building.

The Lennox unit should be replaced with a similarly sized unit and the roof curb should be replaced. The gas piping and valve serving the unit should be replaced and the piping should be painted. All damaged piping supports should be replaced and new ones should be added where necessary. Justification: In order to fix the roof leak, the A/C unit would need to be lifted off and the curb modified. Due to the age of the unit and its functional problems, we feel that it is not worth the expense of lifting the unit off the roof and reinstalling it on a reconfigured curb. Based on industry standards, including ASHRAE, this unit has reached the end of its expected service lifespan. This is the only original unit left on this building. All the other equipment has been replaced in the past couple of years. Replacing this unit will standardize maintenance and establish a new life cycle for the entire building.

The Engineer's estimated mechanical cost of construction is \$17,000. Refer to Appendix 1 for breakout of costs. Note that our cost estimates include contingency and overhead allowances.

- Engineering fees to design the unit replacement, electrical modifications and structural evaluation of the roof are estimated to not exceed \$5,000.
- An additional \$3,000 is requested in the project budget to cover the construction administration phase services by the engineering team.
- Total project funding requested is \$25,000

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project	\$0.00
--	--------

Please outline any associated insurance coverage.

This unit is beyond it's useful life and issues are not insurance claimable.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Patrick Nelson
Superintendent Printed Name

Patrick Nelson
Superintendent Signature

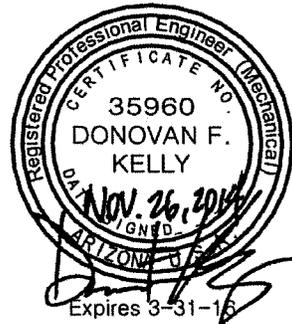
4/2/15
Date

Rooftop A/C Unit Assessment at Cross Middle School Amphitheater Public Schools

Project Location:

Cross Middle School
1000 W. Chapala Drive
Tucson, AZ 85704

November 26, 2014



www.kwmech.com
KWA PROJECT NO. 14081

EXECUTIVE SUMMARY

It is the recommendation of this report that the Lennox unit at the northeast corner of the Admin / Library building of this school be replaced with a similarly-sized packaged rooftop air conditioning unit.

Mechanical costs related to this project include:

- The Engineer's estimated probable mechanical cost of construction is \$17,000. Refer to Appendix 1 for breakout of costs. Note that our cost estimates include contingency and overhead allowances.
- The Engineering fees to design of the unit replacement, electrical modifications and structural evaluation of the roof are estimated to not exceed \$5,000.
- We estimate that an additional \$3,000 should be included in the project budget to cover construction administration phase services by the engineering team.
- Total project budget = \$25,000

EXISTING CONDITIONS

There are six (6) packaged rooftop air conditioning units installed on the roof of the Library building. One of the units is a 5-ton gas/electric packaged unit located in the northeast corner. This unit is the focus of this report. The unit is a Lennox model number GCS16-513-125-6G. We believe that this unit was installed in 1994 (20 years old). The unit is configured for down-discharge supply and return through a platform curb that is larger than the unit (see photos).

PROBLEM DEFINITION

The roof curb for the Lennox unit is leaking into the building. The school tells us that the air conditioning unit is leaking refrigerant. The gas piping to the unit is rusted and the condenser coil fins are damaged. Some of the pipe supports are damaged and some are missing.

Because the unit is smaller than the platform curb that supports it, the top of the platform curb has deflected near the center. This is causing ponding water. Because the unit is down-discharge and is not flashed over a curb edge, the duct penetrations thru the platform curb are sitting in the ponding water. This is causing the roof leak into the building.

PROPOSED CORRECTION

The Lennox unit should be replaced with a similarly-sized unit and the roof curb should be replaced. The gas piping and valve serving the unit should be replaced and the piping should be painted. All damaged piping supports should be replaced and new ones should be added where necessary.

Justification: In order to fix the roof leak, the A/C unit would need to be lifted off and the curb modified. Due to the age of the unit and its functional problems, we feel that it is not worth the expense of lifting the unit off the roof and re-installing it on a re-configured curb. Based on industry standards, including ASHRAE, this unit has reached the end of its expected service lifespan.

This is the only original unit left on this building. All the other equipment has been replaced in the past couple of years. Replacing this unit will standardize maintenance and establish a new life cycle for the entire building.

APPENDIX 1: CONSTRUCTION COST ESTIMATE

Cross Middle School
Replace Rooftop Unit - Admin Building
 Pre-Design Estimate - November 2014



KELLY • WRIGHT
 ASSOCIATES • PC
 HVAC • PLUMBING
 FIRE PROTECTION

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	COST
1	Demo existing 5-Ton AC, piping and curb	1.0	LS	\$ 925	\$ 925
2	Demo existing gas piping and associated supports	1.0	LS	\$ 100	\$ 100
3	Install new 5-Ton AC and curb	1.0	LS	\$ 7,800	\$ 7,800
4	Crane Rental	4.0	HRS	\$ 150	\$ 600
5	Miscellaneous ductwork, piping and supports (including adapter curb)	1.0	LS	\$ 1,200	\$ 1,200
6	Miscellaneous roofing	1.0	LS	\$ 700	\$ 700
7	Test and Balance new unit	1.0	EA	\$ 450	\$ 450
8	Electrical allowance	1.0	LS	\$ 500	\$ 500
9	Prep, Prime and Paint existing exterior piping	1.0	LS	\$ 200	\$ 200
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
A.	SUBTOTAL CONSTRUCTION COST				\$ 12,475
B.	Contingency	15.0%		of Line A	\$ 1,871
C.	General Conditions, project management	10.0%		of Line A+B	\$ 1,495
D.	Tax (Tucson)	5.92%		of Line A+B+C	\$ 933
E.	Insurance	1.0%		of Line A+B+C+D	\$ 167
F.	SUBTOTAL CONSTRUCTION COST INCLUDING MARK-UPS				\$ 16,881
G.	Bond	1.25%		of Line F	\$ 211
H.	TOTAL CONSTRUCTION COST ESTIMATE				\$ 17,092

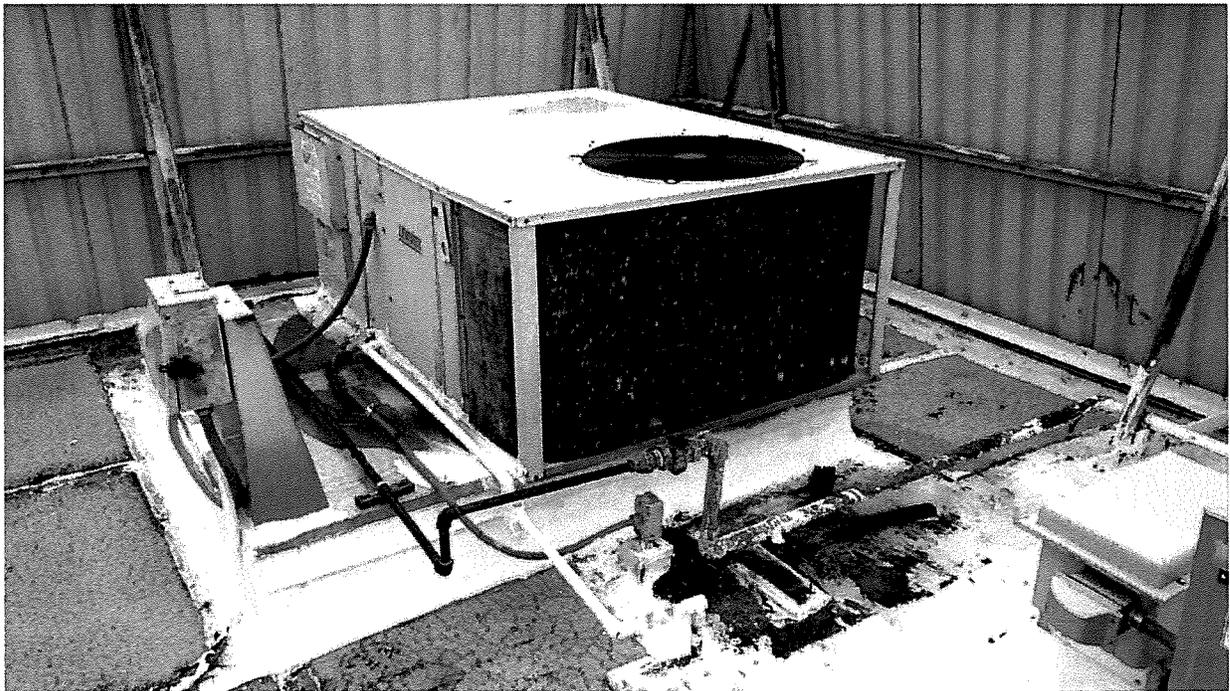
This estimate represents the engineer's opinion of a rough order of magnitude of construction costs and shall not be construed as being related to the actual cost of construction in any way. The Engineer has no control over market conditions, costs or availability of labor, bidding procedures, contractor's bids, etc. This estimate does not constitute a guarantee that actual costs will not exceed estimated costs.

HVAC Equipment Assessment: Harelson Elementary & Cross Middle Schools

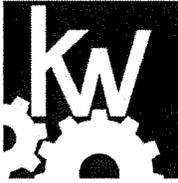
APPENDIX 2: PHOTOS OF EXISTING CONDITIONS



Existing Lennox Unit



Leaking Roof Curb & Rusted Piping



KELLY · WRIGHT
ASSOCIATES · PC
HVAC · PLUMBING
FIRE PROTECTION

PROPOSAL

Project Name: Cross Middle School Roof Assessment for HVAC Unit Replacement
Project Address: 1000 W. Chapala Drive
Tucson, Arizona
Job Number: 14081b
Date: April 13, 2015
Client: Amphitheater Public Schools
1001 W. Roger Road, Tucson, AZ 85705
Engineer: Kelly, Wright & Associates, P.C.

Project Description:

Client wishes to evaluate existing roof structure with the intent of replacing roof-mounted air conditioning units in like locations. Engineer will hire Structural Engineering consultant to evaluate the existing roof.

Scope of Basic Services:

HVAC, Plumbing, Fire Protection: NO SCOPE.

Structural: *PROVIDED BY SCHNEIDER STRUCTURAL ENGINEERS AS A SUB-CONSULTANT TO THE ENGINEER*

- Review existing roof framing for adequacy of supporting new mechanical units that are replacing in the same location as the existing units.
- Perform site inspection to observe existing construction condition.
- Design is not included; should structural modifications be requested or required an additional proposal will be required.

Construction Administration & Commissioning: NO SCOPE.

Assumptions:

- Construction documents not included.
- Special inspections not required.
- Project will not be certified / rated by LEED or other agency and basic services does not include calculations & documentation for LEED or other similar programs – no report generation required.
- Project costs such as permit fees, plan review costs, special inspections, etc. are provided by Others.
- Heating and Cooling load calculations not required; design will be based on existing unit nameplate size.
- No Measurement and Verification (M&V) scope.
- Life Cycle Reports, System Comparison Reports, Feasibility Studies, and similar documents are not included.

Deliverables:

The Engineer's instruments of service will be provided in electronic form. Hard copies are not included. Documents will be provided in PDF format. Copies of CAD files will be provided at the direction of Client.

Compensation for Basic Services:

The Engineer will be compensated for the basic services based on a fixed fee basis of nine hundred dollars (\$900).

Client's Responsibility:

- The Client shall make available to the Engineer full information on the Client's intent with regard to the project's requirements.

5250 EAST PIMA STREET #121, TUCSON, AZ 85712 (520) 887-1919 FAX (520) 696-0280

WWW.KWMECH.COM

- The Client will keep the Engineer advised of any changes to the project requirements that may affect the Engineer's work.
- The Client shall provide architectural, civil, structural, electrical, and other consultant's drawings, design information, and/or documents to the Engineer for review and use during the project design.

Additional Services:

- Services and/or consultation not specified and/or in excess of those indicated in the Scope of Basic Services.
- Revisions to previously approved drawings and documents.
- Client requested field trips will be billed at four hundred dollars (\$400) per trip.

Reimbursable Expenses:

The Client will reimburse the Engineer for the direct cost of each of the following:

- Printing, reproduction, and duplication of documents not used for Engineer's own purposes.
- Postage and special delivery service.
- Any tax imposed on the Engineer's services shall be reimbursed at 100% of the actual cost.

Hourly Rates:

Engineering Director.....	\$ 150.00	Designer.....	\$ 75.00
Engineer.....	\$ 100.00	Clerical.....	\$ 30.00
Project Manager / Senior Designer.....	\$ 85.00		

Other Conditions:

- This agreement entered into as of the date indicated on the first page.
- The laws of the State of Arizona shall govern this Agreement.
- The Engineer will not begin work on the project or perform any additional services without an executed Agreement.
- The terms and conditions set forth in the Agreement shall be in effect for a period not to exceed six (6) calendar months from the date of acceptance. In the event that terms and conditions of this Agreement have not been completed in that time, the terms of this Agreement shall become negotiable by both parties.
- The Engineer will invoice the Client monthly, based upon the percentage of completion, and/or at the time of submission of each phase of service. Payment is due upon presentation of the invoice unless a separate signed contract between the Client & Engineer establishes a different arrangement for payment.
- Interest may be charged on past due accounts at the rate of one and one half percent (1.5%) per month to accounts outstanding more than 30 days.
- The Engineer reserves the right to suspend the performance of services, without waiving any claim or right against the Client, and without liability whatsoever to the Client, if invoices have not been paid within 30 days.
- The Engineer shall not be responsible for the acts or omissions of the Client, Client's other consultants, Contractors, Subcontractors, their agents or employees, or other persons performing any of the Work. The Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Engineer from any liabilities, damages and costs (including reasonable attorney fees and cost of defense) to the extent caused by the negligent acts, errors or omissions of the Client, Client's other consultants, Contractors, Subcontractors, their agents or employees, or other persons performing any of the Work.
- Engineer is not responsible or liable for any hazardous materials found on the project site, job site safety, or construction means and methods. All hazardous materials encountered on the site are the responsibility of the owner(s). Job site safety and construction means and methods are the responsibility of the contractor(s).
- Cost estimates, life cycle reports, energy calculations, water consumption estimates, and similar calculations performed by the Engineer represent the Engineer's experience and best judgment and are not guarantees.
- The parties agree that there shall be no assignment of this contract unless mutually agreed upon in writing.
- The Agreement may be terminated by either party upon seven (7) calendar days written notice should the other party fail substantially to perform in accordance with its terms through no fault of the party initiating the termination. The Engineer shall be due compensation for services rendered up to date of notification of termination, reimbursable expenses and reasonable termination expenses.
- All disputes arising out of or related to this Agreement shall be submitted to non-binding mediation as a condition precedent to litigation. If any dispute that is submitted to mediation is not successfully resolved, the matter may be resolved through litigation in a court of competent jurisdiction in Pima County, Arizona.
- In the event of any litigation arising from or related to the services provided under this Agreement, the prevailing party will be entitled to recovery of all reasonable costs incurred, including staff time, court costs, expert fees, attorney's fees, and other related expenses.
- Engineer is entitled to rely on the accuracy and completeness of information, documents, and/or designs provided by others. Engineer shall have no obligation to verify the information or design's correctness. Client and Owner shall waive all claims against Engineer relating to information, documents, and designs provided by others and shall indemnify Engineer for all losses, cost and damages incurred.
- Client shall obtain Engineer's prior written consent before making any changes to plans and specifications prepared by the Engineer. Client and Owner shall waive all claims against Engineer relating to unauthorized changes to plans and specifications prepared by the Engineer and shall indemnify Engineer for all losses, cost and damages incurred.
- Engineer shall retain ownership of the instruments of service and the information contained in them. Client & Owner shall not modify the instruments of service and/or reuse them in connection with any other project.
- ELECTRONIC FILES: Client agrees not to reuse electronic files, created by the Engineer, in whole or in part, for any purpose or project other than the project that is the subject of this Agreement. Client agrees not to transfer these electronic files to others without the prior written

consent of Engineer. Client further agrees to waive all claims against Engineer resulting in any way from any unauthorized changes or reuse of these electronic files for any other project by anyone other than Engineer. Client is aware that differences may exist between the electronic files delivered and the printed hard copy construction documents. In the event of a conflict between the signed construction documents prepared by Engineer and electronic files, the signed and stamped or sealed hard copy construction documents shall govern. In addition, Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless Engineer, its officers, directors, employees, agents and subconsultants against all damages, liabilities or costs, including reasonable attorneys' fees, court costs and defense costs, arising from the use of the electronic files.

- If the scope of services contained in this Agreement does not include construction-phase services for this project, Client acknowledges such construction-phase services will be provided by Client or by others and Client assumes all responsibility for interpretation of the contract documents and for construction observation and supervision and waives any claim against Engineer that may in any way be connected thereto. In addition, Client agrees to indemnify and hold Engineer harmless from any loss, claim, or cost, including reasonable attorneys' fees and costs of defense, arising or resulting from the performance of such services by other persons or entities and from any and all claims arising from the modifications, clarification, interpretation, adjustments or changes made to the contract documents to reflect changed field or other conditions, except for claims arising from the sole negligence or willful misconduct of Engineer.

Please let us know if you wish additional information or clarification of our proposal. If you are in agreement with and wish to authorize us to proceed with the project as delineated herein, please sign one copy and return to our office. We sincerely appreciate your consideration of our firm. We look forward to helping you with this challenging and important project.

Sincerely,
Kelly, Wright & Associates, P.C.



Digitally signed by Donovan
Kelly
Date: 2015.04.13 16:00:45
-07'00'

Donovan F. Kelly, P.E.
President

Accepted By:
Amphitheater Public Schools

Client Signature

Printed Name and Title

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District: **Balsz Elementary**
 BRG Project Number: **070431104-9999-004BRG**
 Project Description: **Replace chiller**
 Architect of Record: **BESP (Sameer Pandey 602-377-2679)**
 Contractor: **TBD**

Maricopa County

Board approval: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 87,300
Contingency ①		\$ 11,349
Architecture / Engineering (A&E) Fees		\$ 7,275
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 7,275
Total SFB Funded Project Cost:		\$ 105,924
District Share (Local Funds):		\$ 258,076
SFB Board Approved Amount:		\$ 105,924
Total Project Cost:		\$ 364,000

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date:

Application ID: 1743

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Balsz Elementary District
Superintendent: Dr. Jeff Smith
Contact Person: Tim Leedy
Contact Phone Number: 602-629-6460
Contact Email: tleedy@balsz.org
School Site: Orangedale Elementary School
Buildings: 9999 School Wide

Application Title: Orangedale chiller replacement

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

The chiller at Orangedale Elementary is approximately 18 years old. From 2006 to 2011 the chiller was not maintained properly and the compressors have been repaired but not replaced. There is no backup for this chiller and no redundancy in the motors at the tank.

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? Y

Available Funding

Amount of Local funds planned for this project \$50,000.00

Please outline any associated insurance coverage.

Liaison: Demland

ddemland@azsfb.gov

602-542-6567



Superintendent Printed Name



Superintendent Signature

1-8-15
Date

BESP, LLC
219 S. William Dr. # 129
Gilbert, AZ 85233
Tel: (602) 377-2679 Fax: (480) 629-5645
info@besp.us
www.besp.us



April 23, 2015

Tim Leedy
Director of Business Services
Balsz Elementary District
4825 E. Roosevelt St.
Phoenix, AZ 85008

RE: Estimated Cost to replace Mcquay centrifugal chiller at Orangedale Elementary School

Dear Mr. Leedy,

Please find below a design fee and an estimated cost to replace 250 Ton Mcquay centrifugal chiller at Orangedale Elementary School. It is noted that the chiller was installed in 1996, and is nineteen (19) years old. The latest operational statistics of the chiller is listed below.

Operating Hours: 7,488
No. of Starts: 22,484

The chiller with significantly higher starts as noted above has reached its useful life, and is showing signs of failure with issues in its oil pump, and its compressor's response to the building load. It shall be noted that Orangedale Elementary has no back-up chiller.

To make a comparison, a chiller at Balsz Elementary that SFB recently funded was a 250 Ton Mcquay centrifugal chiller installed in 1996 with similar issues with oil pump and compressor's response to load.

BESP estimates the total project cost including design, construction administration, and installation cost to replace the chiller at Orangedale Elementary to be \$325,000, with a cost breakdown as follows:

Design/Construction Documents/Bid Review/Construction Administration Fee: \$25,000
Construction/Installation Cost: \$300,000

Please note that construction/installation cost is estimated based on actual cost of chiller installation at Balsz Elementary. It includes the cost to install Trane centrifugal chiller, spirotherm air dirt separator, and refrigerant monitoring system.

Please let me know if you have any questions or concerns.

Sincerely,

Sameer R Pandey PE (Mech), CEM, LEED
Principal Engineer, BESP
602-377-2679 (cell)
sameerpandey@besp.us

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Bullhead City Elementary**
 BRG Project Number: **080415103-1003-020BRG**
 Project Description: **Replace 10-ton HVAC unit**
 Architect of Record: **TBD**
 Contractor: **PMI Air, LLC (928-234-9494)**
 Board Approval: **5/6/2015**

Mohave County

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 12,200
Contingency ①		\$ 1,300
Architecture / Engineering (A&E) Fees		\$ 1,500
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 1,500
Total SFB Funded Project Cost:		\$ 15,000
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 15,000
Total Project Cost:		\$ 15,000

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 4/16/2015 6:33:21 AM

Application ID: 1992

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Bullhead City Elementary District
Superintendent: Riley Frei
Contact Person: John Wawrzynek
Contact Phone Number: 9284447529
Contact Email: jwawrzynek@bullheadschoools.com
School Site: Coyote Canyon School
Buildings: 1003 A3000

Application Title: Roof HVAC Replacement

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Package roof top unit has a shorted compressor and leak in coil. Mr Kennon looked at this unit and has pictures. Please see Attached quotes. We have limited cooling in the cafe'.

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

N/A

Liaison: Breuer gbreuer@azsfb.gov 602-542-6139

X _____
Superintendent Printed Name

X _____
Superintendent Signature Date

P.M.I. AIR, LLC
 P.O. Box 22103
 Bullhead City, AZ 86439
 928.234.9494 fax 928.577.0200

Proposal

To: B.C.U.S.D. District 15 ATTN: A. Martinez	PHONE	928-758-3961	DATE	4/14/2015
	JOB NAME/LOCATION			
	1004 Hancock rd. Bullhead City AZ. 86442			
	JOB NUMBER		FAX	

We hereby submit specifications and estimates for:

To install:

1. One- 10 ton, GAS/ELEC 230vac, 3 phase, Package unit. (ICP)
 - a. RGS120HDCAOAAA w/ manual fresh air damper.
2. One- 3 phase, service disconnect.
3. One- Digital, programmable thermostat. (Breaburn)
4. Crane service.

Remove and discard old equipment.

Start-up system for performance.

1 Year workmanship warranty.
 5 Year Standard factory warranty.

We Propose hereby to furnish materials and labor - complete in accordance with the above specifications, for the sum of:
 Twelve thousand two hundred and 00----- \$12,200.00 tax included

Payment to be made as follows:
 50 % at signing and balance at completion of work.

All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance.

Note this Proposal may be withdrawn by us if not accepted within 30 days.

 Authorized Signature
 Operations Manager

ACCEPTANCE OF PROPOSAL - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

 Signature

 Signature

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 Building Renewal Grant Fund

District: **Colorado River Union**
 BRG Project Number: **080502002-9999-022BRG**
 Project Description: **Replace/repair doors and hardware**
 Architect of Record: **n/a**
 Contractor: **DH Pace (480-968-3667)**

Mohave County

Board approval: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 128,672
Contingency ①		\$ 6,000
Architecture / Engineering (A&E)		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 134,672
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 134,672
Total Project Cost:		\$ 134,672

① Contingency shall only be used with SFB staff approval

Building Renewal Grant Application

Initial Submission Date: 1/5/2015 5:18:04 PM

Application ID: 1741

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Colorado River Union High School District

Superintendent: Riley Frie

Contact Person: John Wawrzynek

Contact Phone Number: 928-444-7529

Contact Email: jwawrzynek@bullheadschoools.com

School Site: River Valley High School

Buildings: 9999 School Wide

Application Title: Lock and Door repairs.

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Lock's and door's are in need of repair or replacement. Please see attached documentation.

Project Category: Special Equipment

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

N/A

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Superintendent Printed Name

Superintendent Signature

Date

December 8, 2014

My name is Kevin Anderson and I am in charge of security at River Valley High School. In the last year we have been having major problems with our doors and locks. For some reason that I'm not able to understand, we have been unable to get them fixed. Part of my job is to protect school property and this has become a nightmare for me.

Some of my concerns are as follows:

Music Room – this lock is broken so to get into this room we must go through the girl's locker room. This room must be kept locked most of the time because of the thousands of dollars of band equipment. However, because of all the girl P.E. classes and sports, access is very limited and as you can understand at times very restricted.

We also need to lockdown our main building at lunch in an effort to restrict student access. Once, the doors are locked, 3 out of the 4 main entrances cannot be opened from the outside because of broken locks. We have several students that get called to the office during lunch. Also, if we had we have an emergency, getting into the main building would be a problem.

Many classrooms which can no longer be locked or secured as a result of broken locks. Some of these rooms are equipped with computers and other valuable equipment. Our graphic art class has a broken lock and contains high dollar cameras and other technology equipment that would be very pricey to replace.

In past years, it was understood the dire consequences of neglecting a situation such as the one River Valley is in at this time. Our locks and broken doors have always been fixed or replaced immediately. We now find ourselves in a position where there is no parts, no locks or no doors to use for replacing the damaged ones. In addition there is no money to purchase new ones.

As security of River Valley High School, I believe it is just a matter of time before something regretful happens. Security is a high priority at RVHS and needs immediate attention. Numerous staff members have confided in me that they do not feel safe and secure when working extra hours. In the event of a lockdown situation, at this time there are too many students and staff members that would not be secure.

I have only named a few problems from the security point at River Valley. Please feel to contact me if I can provide any further assistance or information.



Kevin Anderson
River Valley Head Security

RIVER VALLEY HIGH SCHOOL

2250 East Laguna Road
Mohave Valley, AZ 86440

(928) 768-2300

(928) 768-6156 Fax



Home of the Dust Devils

SOAR to Excellence

Successful • Optimistic • Accountable • Respectful

Principal: Dorn Wilcox Vice Principal: Amanda Amann Activities Director: Ivan Brow

December 4, 2014

To Whom It May Concern

RE: DOOR SECURITY

In 1992, construction was completed on River Valley High School, in Mohave Valley, Arizona. After some much needed upgrades our last phase of construction was finished in 2007. Both, our newer and older buildings, have major problems with the doors and the doors ability to lock.

At this time we are having problems with numerous exterior and interior doors and locks. Many of the rooms cannot be locked at all. For example, there are four rooms out of six in one hallway that will not lock and this poses a threat to our students and staffs security. If there was a lockdown on campus, we would not have any place for these students and staff members to be safe, without leaving the building to move to a secure location which would expose them to the threat.

Another situation is that many of these rooms have computers and other high price equipment in them that cannot be secured because of the locks not working. Our only option at this time is to take the lock completely off or put duct tape over the striker, so that staff and students can enter the room. In order to open our music room, a staff member has to go through the girls locker room to open up the outside entrance.

All in all the school is not safe and has security problems because of the inability to lock up classrooms and secure exterior doors. As principal of the school, I want the staff and students to feel safe at River Valley if at any time something happens here as it has on other school campuses across the United States.

Sincerely,

Dorn Wilcox
Principal, River Valley High School



MOHAVE COUNTY SHERIFF'S OFFICE



JIM McCABE
SHERIFF

December 4, 2014

To Whom It May Concern:

As River Valley High School Resource Officer, I find the school needs immediate attention. Doors and locks are broken and some classrooms are not able to be locked at all. The locks have aged and/ or broken and have not been replaced. There are doors that get locked and cannot be unlocked. Two classrooms have had to have maintenance remove windows just to get inside and unlock the doors.

In the main building, some of the entry doors are unable to be unlocked from the outside. This could be a huge security issue in the event of a lockdown. There are doors to electrical rooms, storage areas, classrooms, welding building, music room, etc. that at times are propped open for access, due to broken or missing locks. Some areas are missing a door altogether, due to the need to use that door in another area.

There are no locks on the girls dressing room in the auditorium and at this time there is no access to the music room without going through the girl's dressing room in the gym.

Teachers sometimes need to work in the evenings and/or on the weekends. It is a security issue for staff members to not be able to have the doors secured and feel reasonably safe.

As SRO, I feel the security of River Valley needs immediate attention.

Deputy Mike Sammut
Security Resource Officer
River Valley High School
(928) 788-1505

A handwritten signature in black ink, appearing to read "Mike Sammut", written over the printed name and contact information.

MOHAVE PROPOSAL

Pricing reflects Mohave discounts

Reference 12J-DHDR-0825 and 11F-DHP-0915 when ordering from this proposal

Project Name: River Valley HS Safety/Security Door and HW Upgrade Proposal Number:422JA3

To: John Wawrzynek
 Corlorado River UHSD
 P.O. Box 21479
 Bullhead City, AZ 856426

Date:4-22-2015

Phone:
Email:

We propose to furnish and install the following:

Qty	Mfr	Part Number	Description	Finish	List Price Ea.	Mohave Discount	Mohave Unit price	Extended Total
Contract 12J-DHDR-0825 - Doors & Frames								
40	4215	707S 3070 16ga	hollow metal door prep for closer,rim exit, seamless N, HG cutout w/ surround channel	prime	\$1,152.00	60%	\$460.80	\$18,432.00
1	4215	707S 3070 16ga	hollow metal door prep for closer, seamless N,WH label,	prime	\$998.00	60%	\$399.20	\$399.20
1	4215	707S 3080 16ga	hollow metal door prep for closer, astragal,seamless N(active door)	prime	\$1,324.00	60%	\$529.60	\$529.60
1	4215	707S 3080 16ga	hollow metal door prep for closer,seamless N, Ansi Strike,flushbolts (inactive)	prime	\$1,372.00	60%	\$548.80	\$548.80
2	DA	3070 RNBIR5P	wood door prep for set up,86/hinges,6" firerail,US clear,uv stain		\$435.30	21%	\$343.89	\$687.77
1	DA	3070 RNBIR5P 90 min	wood door prep for set up,86/hinges,6" firerail,US clear,uv stain, metal label intumescent		\$605.37	21%	\$478.24	\$478.24
1	DA	Temp pak VSL 7 x 22	vision kit	brz	\$106.00	37%	\$66.78	\$66.78
1	Air	700 A 24 x 64	louver	brz	\$464.00	37%	\$292.32	\$292.32
40	Air	VSL24" x 30"	vision frame	brz	\$88.00	37%	\$55.44	\$2,217.60
40		24" x 30" grey laminated	NON MOHAVE CONTRACT		\$52.00	0%	\$52.00	\$2,080.00
Material Only Sub Total								\$25,732.32
Freight 12%								\$3,087.88
Labor Total Only								\$0.00
Per Diem								\$0.00
Rental/Subcontract								\$0.00
Mileage								\$0.00
* Total this contract								\$28,820.19

Qty	Mfr	Part Number	Description	Finish	List Price Ea.	Mohave Discount	Mohave Unit price	Extended Total
Contract - 11F-DHP-0915 Hardware								
40	5607	SL14CL HD	full mortise continuous hinges	CL	\$149.00	47%	\$78.97	\$3,158.80
6	300	5BB1 4 1/2" x 4 1/2" NRp	hinges	652	\$13.10	47%	\$6.94	\$41.66
40	1149	2101 36"	rim exit w/ hex key dogging	630	\$1,326.00	44%	\$742.56	\$29,702.40
2	1149	FL2110 x 4908	fire rated exit with double cylinder	630	\$2,157.00	44%	\$1,207.92	\$2,415.84
48	1149	D4551	closer	689	\$351.00	44%	\$196.56	\$9,434.88
20	536	1097HA-SP-FC	antivandal pull w/ cylinder hole	630	\$300.50	43%	\$171.29	\$3,425.70
20	536	1097HA-SP-NC	antivandal pull w/o cylinder hole	630	\$300.50	43%	\$171.29	\$3,425.70
1	1149	KR822 x MCS	key removable mullion	prime	\$1,070.00	43%	\$609.90	\$609.90
41	536	303AS3684	seal	628	\$40.80	50%	\$20.40	\$836.40
2	1149	45H7-D-15J-LC	storeroom mortise locks	626	\$684.00	48%	\$355.68	\$711.36
10	536	18061CNB36	sweeps	628	\$11.10	50%	\$5.55	\$55.50
6	536	171A36	threshold	628	\$29.34	50%	\$14.67	\$88.02
15	536	171A72	threshold	628	\$58.65	50%	\$29.33	\$439.88
18	1149	12E7-2-S2-RP-LC	rim cylinder housing	626	\$50.00	48%	\$26.00	\$468.00
1	149	1E-74-C4-RP3-LC	mortise cylinder housing	626	\$50.00	48%	\$26.00	\$26.00
2	411	780F	flushbolts	626	\$19.50	33%	\$13.07	\$26.13
22	15	1CB-B1-2	combined cores	626	\$48.00	48%	\$24.96	\$549.12
13	1149	45H-7-INL-15R	intruder lock	626	\$745.00	48%	\$387.40	\$5,036.20
6	1149	45H-7-D-15R	storeroom lock	626	\$719.00	48%	\$373.88	\$2,243.28
1	1149	9K-3-7-D-15D	cylindrical storeroom lock	626	\$497.00	48%	\$258.44	\$258.44
2	1149	45H-7-R-15R	classroom mortise lock	626	\$719.00	40%	\$431.40	\$862.80
1	754	996L	exit device trim	626	\$401.00	32%	\$272.68	\$272.68
4	1149	48H-7-R-LC	classroom function deadbolt	626	\$311.00	48%	\$161.72	\$646.88
3	1149	8T3-7-S-STK-LC	single cylinder deadbolt	626	\$181.00	38%	\$112.22	\$336.66
1	1149	5103-703A	rim exit w/ hex dogging	689	\$543.00	44%	\$304.08	\$304.08
41	1149	1CM-7-keyway--3-2	cormax cores	626	\$61.00	48%	\$48.00	\$1,968.00
4	1149	1AM-2-kwy	cormax cut control, master keys	626	\$9.80	48%	\$5.10	\$20.38
1	754	98L-36"	rim exit w/ lever trim	626	\$1,528.00	32%	\$1,039.04	\$1,039.04
1	754	KR4954	key removable mullion	prime	\$844.00	32%	\$573.92	\$573.92
1			12 hotel 24 per diem		\$1,536.00	0%	\$1,536.00	\$1,536.00
0			Rental Equipment/Subcontract			0%	\$0.00	\$0.00
			Mileage (\$.445/m outside 50 m radius)		\$0.445	0%	\$0.445	\$0.00
290		Hours	Labor (Field/Shop)				\$75.00	\$21,750.00

Material Sub Total Only	\$68,977.65
Freight 11%	\$7,587.54
Labor Total Only	\$21,750.00
Per Diem	\$1,536.00
Rental/Subcontract	\$0.00
Mileage	\$0.00
Total this contract	\$99,851.19

Scope of work per the following job walk:

Replace all full glass doors: with piano hinged doors including hardware

A-Wing – 14 leafs

B-Wing – 8 leafs

E-Wing – 4 leafs

Cafeteria -6 leafs

New Gym –8 leafs exterior north and south

A-WING –

Side 4 Doors by girl's restroom –

Replace 2 glass doors by M-106

Replace 2 glass doors by M-104

Replace lockset #4 door (does not unlock from outside)

A-106 - lockset (can't lock)

Replace door w/lockset on storage room off A-106 (door replaced broken door in server room)

A-102 – lockset (can't unlock damaged and is egress issue)

A-wing -Men's Restroom – replace lockset

B-WING –

B-101 – replace lockset (broken)

E-WING –

E-111 – replace lockset (cannot unlock door)

E-109 - replace lockset (cannot unlock door)

E-108 – replace lockset (missing everything)

E-110 - replace lockset (cannot unlock door)

E-105 - replace lockset (cannot unlock outside door from inside or outside)

E-lab - replace lockset (hallway)

E-lab - replace lockset (needs to be cut out)

E-104 - replace lockset and door closure (cannot unlock door)

E-103 - replace lockset (cannot unlock door)

Storage room – replace lockset (missing)

Workroom - replace lockset (cannot unlock door)

CAFETERIA –

Kitchen entrance door –district does not have new door – needs all new door, and hardware needs to be preinstalled on door before installation

Replace door and hardware on outside mechanical room (cannot unlock or open door)

NEW GYM – see above for door and hardware replacement

MULTI-PURPOSE ROOM –

Replace lockset on door leading into the gym from multi-purpose (missing)

WEIGHT ROOM –

Replace lockset on mechanical room (missing)

AUDITORIUM –

Boy's Dressing room - Replace lockset (missing)

Girl's Dressing room - Replace lockset (missing)

OLD GYM –

G-101 – (music room) Replace lockset (cannot unlock)

Gym entrance – Replace closure (missing)

Boys restroom – replace deadbolt-fire panic not required in this application

Girls restroom – replace deadbolt-fire panic not required in this application

Replace door leading outside

SDC (trailer) –

Replace lockset – entrance door

WELD SHOP –

Electrical room - Replace lockset (missing)

Storage room - Replace lockset (missing)

Back door - Replace lockset (missing)

BOILER ROOM –

Replace (2) fluted doors and hardware (doors to be flush with no louvers)

***DH Pace to replace doors and hardware per job walk regarding the above openings and scope of work. Due to the exterior doors having full glass for safety and security reasons along with doors that are broken or unsafe and worn beyond repair. DH Pace has recognized missing the following, locking hardware in classrooms, storage and entry doors and not able to keep a safe a secure environment.**

***All new exterior doors to receive ½" windows with ¼" laminate glass, new hardware..**

***New IC cores as need due to broken pins or spinning within the housing**

***Hardware is either non fixable and no longer functioning as required by manufacturer.**

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 Building Renewal Grant Fund

District: **Colorado River Union**
 BRG Project Number: **080502002-1009-023BRG**
 Project Description: **Repair fire sprinkler piping**
 Architect of Record: **n/a**
 Contractor: **Cintas (888-649-2148)**

Mohave County

Board approval: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 569
Contingency ①		\$ 200
Architecture / Engineering (A&E)		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 769
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 769
Total Project Cost:		\$ 769

① Contingency shall only be used with SFB staff approval

Building Renewal Grant Application

Initial Submission Date: 4/9/2015 6:32:55 PM

Application ID: 1975

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Colorado River Union High School District
Superintendent: Riley Frie
Contact Person: John Wawrzynek
Contact Phone Number: 9284447529
Contact Email: jwawrzynek@bullheadschoools.com
School Site: River Valley High School
Buildings: 1009 Practice Gym

Application Title: leaking fire riser

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

fire riser is leaking water on the floor. will send pictures and quote.

Project Category: Special Systems

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

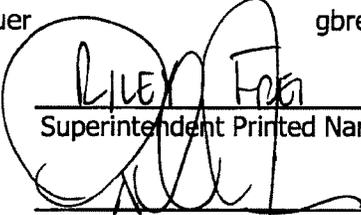
Please outline any associated insurance coverage.

N/A

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139


Superintendent Printed Name

Superintendent Signature

4/10/15
Date



TO: Mohave High School
 2251 Hwy 95
 Bull Head City, AZ 86442
 EMAIL: jwawrzynek@bullheadschoools.com
 ATTN: John Wawrzynek
 PHONE: 928-788-1331
 Re: Fire Sprinkler Repair

Wednesday, March 18, 2015

The labor to perform the repair is based on performing the work during normal business hours of 7am - 4pm Monday through Friday and the total price does not include tax.

Scope of Work:

1) Replace corroded and leaking section of fire sprinkler piping at the base of fire sprinkler riser.

Code Reference:

NFPA 25: 5.2.2.1: Pipe and fittings shall be in good condition and free of mechanical damage, leakage, and corrosion.

Service Item	TOTAL		
Fire Sprinkler Repair			
Labor	\$ 340.00	1	\$ 340.00
Materials	\$ 208.83	1	\$ 208.83
Service fees Per Visit	\$ 20.00	1	\$ 20.00
Price to Perform Scope of Work:	\$568.83		

sales tax not included

This quotation is subject to the Terms And Condition of Sale – Fire Equipment Goods and Services. This quotation is valid for 60 days, after which prices are subject to change without notice. Services are subject to a 2 hour minimum billing charge and a service charge for on-site service. Cintas will endeavor to give Customer reasonable notification of service due to be performed. However, Customer accepts the ultimate responsibility to be aware of the services required and to schedule that work in a timely manner.

Exclusions:

- Cut, patch or paint of ceilings or walls
- Liquidated damages
- Does not include any additional repair parts or labor that are not listed for the repair.
- Unforeseen conditions, due to a non-destructive survey
- Does NOT include after hours or overtime labor by Cintas or subcontractors.
- Does NOT include Fire watch where required or necessary.
- Does NOT include moving or reinstall of furniture/equip. for required access.
- Does NOT include plans, permits, or other local fees.
- Electrical/Alarm work or materials other than specified
- Additional charges may be incurred outside the exclusions stated above based upon unforeseen repairs discovered on-site.
- Local water department shutdown fee if necessary

With your signed approval below we can schedule immediate response to address your repair needs.

Thank you, we value and appreciate your business.

Best Regards,
 Len Okerbloom
 Fire Protection Systems Repair Estimator
 Direct: 1-888-649-2148
 Fax: 1-623-939-9390

PLEASE EMAIL APPROVAL TO: OkerbloomL@cintas.com

The undersigned accepts this proposal and all its items and conditions as a binding contract subject to the approval of Cintas Fire Protection.

SIGNATURE: _____ DATE: _____
 NAME: _____ TITLE: _____
 COMPANY: _____ PO#: _____

CINTAS FIRE PROTECTION – SCOPE OF SERVICES

1. Pricing: Seller may increase price for services annually at a percentage rate not to exceed the increase in the Consumer Price Index (CPI). Should Seller choose to increase price in excess of CPI, Customer will be notified prior to time of shipment or delivery of service. Customer shall pay the price in effect at time of shipment or delivery of service. By payment of invoice or acceptance of Cintas' services, Customer acknowledges and accepts the Cintas Fire Protection – Scope of Services and the Cintas Fire Protection – Terms and Conditions of Sale and Lease – Fire Equipment Goods and Services contained herein.
2. Inspection Requirements: The facility owner and/or Customer is required to have the fire protection equipment inspected annually, semi-annually, quarterly, or monthly, in accordance with NFPA requirements. More frequent inspections may be required by the local authority having jurisdiction. Testing procedures may vary slightly according to NFPA and Local requirements.
3. Limitations of Service / Customer Responsibility: The equipment owner and/or Customer is responsible for assuring that their fire protection equipment is properly serviced and maintained.
4. Deficiencies or other impairments noted during inspection or testing of fire protection systems and equipment pose an immediate and serious safety concern. The system owner and/or Customer is responsible for assuring that any deficiencies noted during inspections or maintenance are corrected immediately.
5. In performing maintenance or inspections, all conditions noted by Cintas Fire Protection are limited to only those that could be readily observed at the time of inspection.
6. The inspection services are for the system being inspected only. Cintas makes no warranties or representations regarding the condition or status of other equipment, including but not limited to electrical equipment, interlocks, HVAC equipment, or elevator equipment.
7. The inspection quote is not meant to be an exhaustive review of the fire protective equipment status and as such may not have identified any or all equipment or pre-existing deficiencies. If the actual number of devices or systems exceed the quoted amount by more than 5%, Cintas reserves the right to charge for additional devices/systems at a pro-rata basis.
8. Unless otherwise specified in writing, services do not include a design review or a hazard evaluation. Therefore, performance of test and inspection or repair services in no way guarantees that the system as installed meets all current applicable code standards and/or is working as designed. Observation of deficiencies and suggestions or recommendations for their correction in no way suggests or implies a design review was conducted or that other system deficiencies may not exist. Furthermore, we are not responsible for the condition of the system or any of its components that may require repair or replacement due to age, fatigue, or wear which result from exercising during testing. Deficiencies will be noted and repair and/or correction will be quoted separately.
9. Seller agrees to perform for the Customer the services ("Services") at the Customer's Location set forth in this Contract.
10. Seller acknowledges that the Services may be provided in connection with an existing tenant-occupied building, that Customer shall continue the normal operation and occupancy of the Location, and that such operation and occupancy during the hours Seller performs the Services is of critical importance. Seller shall use its best efforts to minimize any interference with operation of the Location by Customer or the use and occupancy of the Location by Customer's tenants and guests.
11. Seller shall conduct the Services in accordance with a schedule mutually agreed upon between Seller and Customer and consistent with the requirements of this Contract. Seller shall desist immediately from performing the Services in the event that Seller's activities constitute an unreasonable nuisance or interruption in the activities of the Location's occupants. Upon so directing to desist with the Services, Customer shall contact Seller to re-schedule the Services for a mutually agreeable time. Rescheduled Services may be subject to additional fees.
12. In the event the scope of services includes central station monitoring services, Cintas does not guarantee or warranty that the service supplied will prevent burglary, fire or other occurrences, or the consequences from such occurrences, which the service is designed to monitor, and Customer acknowledges that it is not entering into this agreement with the expectation that Cintas will insure or reimburse Customer or any other person for losses from such occurrences. Customer agrees that Cintas will have no liability for loss or damage to property or for personal injury or death due to any failure of service including, but not limited to the failure in transmission of an alarm to a central monitoring station or by a central monitoring station to others or for interruptions of service because of (a) any failure of Customer's alarm (b) any defective or damaged equipment, device, telephone lines or connecting circuit (c) strikes of Cintas' employees or employees of others, riots, floods, fires, acts of God, or any other causes beyond the control of Cintas or (d) the negligent act or negligent failure to act of Cintas, its employees or agents.
13. Before commencing the Services, Seller shall secure at Customers' expense all applicable permits, approvals, governmental fees, certificates, licenses, and inspections, if any, necessary for the proper performance of the Services. Copies of all such permits, approvals, licenses and certificates specific to Location shall be delivered to Customer upon request or as necessary by law.
14. Customer agrees to pay Seller for all Customer-authorized labor and parts necessary to correct any deficiencies discovered. If Customer refuses such service to correct a deficiency, Seller denies any liability if refusal of service results in an ongoing NFPA code violation status. If the failure of Customer to address and correct any defect in the life safety system results in the repetitive addressing of said deficiency by Seller's personnel, any additional cost beyond the normal scope of work, will be charged to Customer as an additional amount to this agreement.
15. Customer agrees to provide access to premises and to permit only authorized Seller agents to inspect, alter, remove, adjust, service, repair and add devices, equipment, or wiring. Seller denies any and all responsibility for work performed by any other vendor. Customer agrees to be directly responsible for redecorating and other cosmetic repairs to premises necessary due to installation, maintenance, or removal of all or any part of the system.

CINTAS FIRE PROTECTION – TERMS AND CONDITIONS OF SALE AND LEASE – FIRE EQUIPMENT GOODS AND SERVICES

1. Acceptance and Modification. These Terms and Conditions supplement the price quotation, purchase order, contract, agreement or order acknowledgement (collectively the "Contract") entered into between Cintas Corporation or its subsidiary ("Seller") and Seller's customer ("Customer") and is a part of or supplement to such Contract and these Terms and Conditions may not be modified, amended or waived except in writing signed by Seller's duly authorized representative. Seller hereby objects to any additional or different terms or conditions, whether or not material, proposed in Customer's purchase order or in any acknowledgement, supplement or confirmation of the Contract not executed by Seller. Customer agrees that the terms and conditions set forth herein shall govern the relationship between Seller and Customer with respect to the goods and services that are the subject matter hereof, and no other terms and conditions not specifically agreed upon by Seller shall be binding upon Seller. Customer accepts the terms hereof by acknowledging or confirming the Contract, commencing performance, by accepting delivery of goods or services from Seller or by any other means manifesting assent to be bound.
2. Orders. Seller shall use its best efforts to deliver goods as ordered by Customer and to provide services when requested, but as long as Seller acts in good faith and with due diligence. Seller shall not be responsible or liable for any delays.
3. Prices. Taxes and Other Fees. Unless otherwise specified, prices on goods may be increased at any time without prior notice. Customer shall pay the price in effect at time of shipment. Any sales, use or other similar tax or duties, customs, tariffs, imposts, surcharges or other fees imposed by any governmental authority on goods shipped by Seller shall be added to the price to be paid by Customer unless a valid sales tax exemption certificate is furnished to Seller.
4. Service Charges. Service charges are used to help Seller pay various fluctuating current and future costs including but not limited to costs directly or indirectly related to the environment, energy issues, services and delivery of goods and services, in addition to other miscellaneous costs incurred or that may be incurred by Seller.

5. **Equipment Exchange.** Customer hereby understands and agrees that in servicing Customer's fire equipment Seller intends to exchange Customer's fire equipment for Seller's fire equipment of similar kind and quality. Customer further acknowledges and agrees that upon completion of such exchange that all right, title and interest in the Customer's fire equipment so exchanged will belong to Seller and all right, title and interest in Seller's fire equipment so exchanged will belong to the Customer.

6. **Credit.** Payment terms may be changed at any time with or without prior notice and are those in effect at time of delivery or service call. Any invoice not paid when due shall be subject to a late charge of one and one-half percent (1-1/2%) per month or portion thereof of, if lower, the highest rate allowable under applicable law. Invoices shall be due within ten (10) days of invoice date unless otherwise stated. If, in Seller's opinion, Customer's credit becomes unsatisfactory, Seller may, in addition to all other rights and remedies under the Contract and applicable law, suspend the delivery of goods or services pending receipt of cash or satisfactory security from Customer. Should Customer default in any payments due Seller, Customer agrees to pay all reasonable costs of collection incurred by Seller including reasonable attorneys' fees. Title to all equipment or other goods sold by Seller shall remain in Seller's name until Customer has paid Seller in full. Seller shall retain a security interest in such equipment or other goods until such time.

7. **Inspection.** Seller strongly recommends that Customer conduct an on-site inspection of the goods and services sold hereunder after delivery, installation or other service call. Seller shall not be responsible for the consequences of Customer's failure to inspect the goods or services or for any defects, malfunctions, inaccuracies, insufficiencies, or omissions.

8. **Limited Warranty.** Because of the great number and variety of applications for which Seller's goods and services are purchased, Seller does not recommend specific applications or assume any responsibility for use, results obtained or suitability for specific applications. Customer is cautioned to determine the appropriateness of Seller's goods and services for Customer's specific application before ordering and to test and evaluate thoroughly all goods before use. Seller warrants that title to all goods sold by Seller shall be good and marketable. **THERE ARE NO OTHER WARRANTIES EXPRESSED OR IMPLIED IN CONNECTION WITH THE SALE OF GOODS AND SERVICES INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO DISCLAIMER, EXCLUSION, LIMITATION OR MODIFICATION OF ANY OF THE AFORESAID WARRANTIES SHALL BE DEEMED EFFECTIVE UNLESS IN WRITING SIGNED BY SELLER.**

9. **Cintas not an insurer. Indemnification of Cintas by Customer.** Customer agrees that neither Cintas nor subcontractors or assignees, including, without limitation, those providing monitoring services, (collectively, "Subcontractors") are insurers and no insurance coverage is provided by this Agreement. **CUSTOMER ACKNOWLEDGES AND AGREES THAT CINTAS AND ITS SUBCONTRACTORS DO NOT ASSUME ANY RESPONSIBILITY NOR SHALL THEY HAVE ANY LIABILITY FOR CLAIMS MADE AGAINST THEM CLAIMING THAT THEY ARE AN INSURER OF CUSTOMER'S SYSTEMS. THE FAILURE OF SUCH SYSTEMS TO OPERATE EFFECTIVELY, OR ANY OTHER TYPE OF INSURANCE COVERAGE AS AN INSURER.** Customer acknowledges that during the term of the Agreement, it will maintain a policy of insurance covering public liability, bodily injury, sickness or death, losses for property damage, fire, water damage, and loss of property in amounts that are sufficient to cover all claims of Customer for any losses sustained. **CUSTOMER AGREES TO INDEMNIFY AND HOLD CINTAS AND ITS SUBCONTRACTORS HARMLESS FROM AND AGAINST ALL COSTS, EXPENSES (INCLUDING ATTORNEY'S REASONABLE FEES) AND LIABILITY ARISING FROM CLAIMS REQUIRED TO BE COVERED BY INSURANCE PURSUANT TO THIS SECTION, INCLUDING ANY CLAIMS FOR DAMAGES ATTRIBUTABLE TO BODILY INJURY, SICKNESS, OR DEATH, OR THE DESTRUCTION OF ANY REAL OR PERSONAL PROPERTY.** Cintas shall not be responsible for any claims of Customer against the Subcontractors nor for any portion of any loss or damage that is required to be insured, is insured or insurable and shall be indemnified by Customer against all such claims including the claims of any third parties.

10. **LIMITATION OF LIABILITY OF CINTAS; LIQUIDATED DAMAGES.** Seller's service fees are based on the value of services provided and the limited liability provided under this contract, and not on the value of the Customer's premises or its contents, or the likelihood or potential extent or severity of injury (including death) to Customer or others. Seller cannot predict the potential amount, extent, or severity of any damages or injuries that Customer or others may incur which could be due to the failure of the system or services to work as intended. Seller is not an insurer. If Seller should be found liable for loss of damage due to a failure on the part of Seller or its systems or any fire suppression or alarm equipment, in any respect, its liability to Customer, its agents, officers, directors, employees, or invitees shall be limited to \$1,000.00 as liquidated damages. The provisions of this paragraph apply in the event of loss or damage, irrespective of cause or origin, resulting directly or indirectly to person or property from the performance or non-performance of the obligations set forth by the terms of this contract, or from negligence, active, or otherwise, of Seller, its agents, or employees. If Customer wishes to increase the limitation of liability, Customer may, as of right, enter into a supplemental agreement with Seller and obtain a higher limit by paying an additional amount consistent with the increase in liability. As such (I) Customer hereby agrees that the limits on the liability of Cintas and Subcontractors, and the waivers and indemnities set forth in this contract are a fair allocation of risks and liabilities between Cintas, Customer, Subcontractors and any other affected third parties; (II) except as provided in this agreement, Customer waives all rights and remedies against Cintas and Subcontractors including rights of subrogation, that Customer, any insurer, or other third party have due to the losses or injuries Customer or other incur. Customer agrees that were Cintas and its Subcontractors to have liability greater than that stated above, it would not provide the services. Neither party shall be liable to the other or any other person for any incidental, punitive, loss of business profits, speculative or consequential damages.

11. **Clerical Errors; Other Contracts.** Any clerical errors contained in the Contract or other documents in connection therewith are subject to correction. Customer represents that the Contract does not infringe on any other contract to provide similar goods or services that Customer is a party to.

12. **Force Majeure.** Seller shall not be responsible or liable for failure to perform attributable to any cause or contingency beyond its reasonable control including, without limitation, act of God; act or omission of civil or military authority; fire; flood; tempest; epidemic; earthquake; volcanic activity, quarantine restriction; labor dispute (e.g. lockout, strike or work stoppage or slowdown); embargo; war; riot; unusually severe weather; accidents; political strife; act of terrorism; delay in transportation; compliance with any regulation or directive or any national, state, or local government, or any department or agency thereof; or any other cause which by the exercise of reasonable diligence Seller is unable to overcome.

13. **Entire Agreement.** The terms and conditions contained herein (and contained on Seller's quotation, specifications, order, acknowledgement, contract, agreement, invoice or other form) constitutes the entire agreement between the parties with respect to the subject matter contained herein and supersedes all prior agreements and understandings between the parties and any customary terms and conditions of purchase that Customer may establish from time to time. The terms and conditions contained herein may be modified only by a writing signed by both parties. Customer acknowledges and agrees that the terms and conditions contained herein shall be exclusive terms and conditions binding the parties hereto and that any additional contradictory or different terms

14. **Governing Law; Disputes.** The rights and obligations of the parties contained herein shall be governed by the laws of the State of Ohio, excluding any choice of law rules which may direct the application of the laws of another jurisdiction. Any dispute or matter arising in connection with or relating to the Contract shall be resolved by binding and final arbitration under applicable state or federal law providing for the enforcement of agreements to arbitrate disputes. Any such dispute shall be determined on an individual basis, shall be considered unique as to its facts, and shall not be consolidated in any arbitration or other proceedings with any claim or controversy of any other part.

15. **Notices.** Any notice given pursuant to the Contract shall be in writing and sent by certified mail, postage prepaid, return receipt requested, to the appropriate party at the address set forth in the purchase order, contract or agreement or at such other address as such party may provide in writing to the other party. Any such notice shall be effective upon the receipt thereof.

16. **Miscellaneous.** Customer may not assign its rights or delegates its performance in whole or in part under the Contract without the prior written consent of Seller and any attempted assignment or delegation without such consent shall be void. If any provision of the Contract or these Terms and Conditions is determined illegal or unenforceable, it shall not affect the enforceability of any other provision or paragraph of the Contract or these Terms and Conditions. In the event any party institutes legal proceedings to enforce its respective rights arising out of the Contract or these Terms and Conditions, the prevailing party shall be entitled to the award of attorney's fees and court costs, plus cost of executing, enforcing and/or collecting any judgment at all trial and appellate levels.

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: Crane Elementary
BRG Project Number: 140413002-1002-003BRG Yuma County
Project Description: Replace kitchen hood extinguishing system
Consultant: n/a
Contractor: FireMaster (800-522-7150)
Board Approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:	\$ 5,893
Contingency ①	\$ 307
Additional Cost:	
Architecture / Engineering (A&E) Fees	\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ -
Total SFB Funded Project Cost:	\$ 6,200
District or Local Funds:	\$ -
SFB Board Approved Amount:	\$ 6,200
Total Project Cost:	\$ 6,200

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/30/2015 4:25:00 PM

Application ID: 1961

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Crane Elementary District
Superintendent: Robert Klee
Contact Person: Dale Ponder
Contact Phone Number: 9283733410
Contact Email: dponder@craneschools.org
School Site: Rancho Viejo Elementary School
Buildings: 1002 Building 406

Application Title: Kitchen Hood Fire Suppression System

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

The existing kitchen hood fire suppression system in the kitchen of Rancho Viejo Elementary School has failed inspection by local fire personnel, and needs to be replaced with a wet chemical system to meet fire codes.

Project Category: Special Systems

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

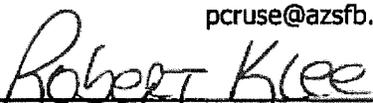
Please outline any associated insurance coverage.

N/A

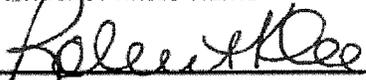
Liaison: Cruse

pcruse@azsfb.gov

602-364-1193



Superintendent Printed Name



Superintendent Signature

3/31/15
Date



FireMaster Proposal

Prepared For
CRANE UNIFIED SCHOOL DISTRICT
Fred Verdugo

Prepared By
Bob Finnerty
On
3/25/2015

Expires On
4/24/2015



<http://www.firemasterweb.com>

FireMaster District Office
 12728 Shoemaker Ave
 BLDG C
 Santa Fe Springs, CA 90670
 Phone 800-522-7150

QUOTE

Number MPCQ11277
Date Mar 25, 2015

Sold To

CRANE UNITIFIED SCHOOL DISTRICT
 4250 WEST 16TH STREET
 YUMA, AZ 85364
 Account No. 10013261
Phone 928-941-1239
Fax

Service Location

RANCHO VIEJO HIGH SCHOOL
 930 SOUTH AVENUE C
 YUMA, AZ 85364
Phone
Fax

Prepared by

Bob Finnerty
 Sales Representative
Phone 562-405-3976
Mobile 714-863-0087
Fax 562-926-8541
bfinnerty@firemaster-mpc.com

Special Notes

FireMaster, for and in consideration of the prices herein named, proposes to furnish the work, and/or materials hereinafter described, subject to the conditions outlined below.

Thank you for allowing FireMaster the opportunity to present this proposal to you for the upgrade / installation on the fire protection system at above job location as needed per state fire codes.

After the Inspection at the above location we noted the existing Kitchen Hood Fire Suppression System is not compliant with UL 300 standards and local and state fire codes. This necessitates the installation and upgrade to UL 300 requirements and standards for kitchen fire suppression systems.

THIS SYSTEM IS DRY CHEMICAL AND MUST BE REPLACED WITH THE UL 300 WET CHEMICAL SYSTEM

SCOPE OF WORK: Installation of (1) UL 300 Ansul R-102 Fire System to protect the kitchen hoods and appliances at the above location. Our price includes all engineering, plans, materials, installation, and the re use of existing gas valve and (1) a field-test with the fire department.

This price will include removal of the Dry Chemical System as well

Note see exclusions next page.

All work is to be completed in accordance with NFPA 96, 17A, and local fire code regulations.

All work will be completed in a timely and professional manner.

The total will be Five Thousand Eight Hundred Ninety Two Thirteen (\$5,892.13 Dollars).

Note: The pricing is plus any local or state tax and permit which of course would be billed at face value.

Line	Qty	MFG Part NO.	Description	Unit Price	Ext. Price
1	1		LABOR	\$3,647.85	\$3,647.85
2	1		MATERIAL	\$2,244.28	\$2,244.28
				SubTotal	\$5,892.13
				Sales Tax	\$0.00
				Shipping	\$0.00
				Total	\$5,892.13

Sales tax additional, if applicable.

Initial _____ Date _____



**FireMaster District Office
Santa Fe Springs**

12728 Shoemaker Ave.
Santa Fe Springs, CA 90670
Phone 562-405-3976
Fax 562-926-8541

Q U O T E

Number MPCQ11277
Date Mar 25, 2015

<http://www.firemasterweb.com>

Line	Qty	MFG Part NO.	Description	Unit Price	Ext. Price
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If you should have any questions, please feel free to call me at (714) 863-0087. We value your business and will work hard to earn it. Thank you again for this opportunity and for your desire to maintain a fire safe environment.

- A. The price for work to be performed under this agreement on a time and material basis shall be based upon the prevailing FireMaster prices for material, labor, and related items, in effect at the time supplied under this agreement. Further, in the event that this agreement is executed on a "price not to exceed" basis, the price to the customer shall be lesser of: 1. The limit price quoted, OR 2. The actual cumulative billing based on the aforementioned prevailing prices.
- B. FireMaster does not undertake an obligation to inspect for Code compliance unless stated in the above Scope of Work.
- C. Unless otherwise agreed in writing between the parties, the Customer shall pay FireMaster within thirty (30) days of the date of this Agreement. If FireMaster is subsequently requested by the Customer to perform additional work beyond the work set out in the above scope of work, the Customer shall pay FireMaster within net 10 or net 30 days (as selected above) from the date of the invoice or the date of completion of the work, whichever is earlier. The Customer agrees to pay all taxes, permits, and other charges, including but not limited to state and local sales and excise taxes, however designated, levied or based on the service charges pursuant to this Agreement. Where the Agreement is not executed, payment shall constitute acceptance of the terms and conditions of this Agreement.
- D. Additional work performed for the Customer by FireMaster (beyond the work set out in the above scope of work section) will be included in subsequent invoices and shall be governed by and subject to all of the terms and conditions of this Agreement.
- E. CUSTOMER AGREES THAT FIREMASTER'S LIABILITY FOR PERSONAL INJURY, DEATH OR PROPERTY DAMAGE, WHETHER ARISING IN CONTRACT, TORT, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE AGREEMENT PRICE SET OUT ABOVE (AS INCREASED BY THE PRICE FOR ANY ADDITIONAL WORK) OR, WHERE THE TIME AND MATERIAL TERM IS SELECTED ABOVE, CUSTOMER'S TIME AND MATERIALS PAYMENTS TO FIREMASTER. CUSTOMER FURTHER AGREES THAT FIREMASTER SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR ANY ECONOMIC LOSS DAMAGES OF ANY KIND AND THAT THE CUSTOMER SHALL HOLD FIREMASTER HARMLESS FROM ANY AND ALL THIRD PARTY CLAIMS RELATING TO THE CUSTOMER'S FAILURE TO MAINTAIN THE SYSTEMS OR TO KEEP THEM IN OPERATIVE CONDITION OR RELATING TO FIREMASTER'S PERFORMANCE OR FAILURE TO PERFORM UNDER THIS AGREEMENT.
- F. THIS AGREEMENT CONSISTS OF THIS AGREEMENT PAGE AND THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF OR ATTACHED HERETO, and is the complete agreement between the parties. Customer acknowledges that he has read this agreement, understands it, and agrees to be bound by its terms and conditions. Neither party shall be bound by any statements or representation not contained in this agreement.

CRANE UNITIFIED SCHOOL DISTRICT

FireMaster

By: _____
Name: _____
Title: _____
Date: _____

By: *Bob Finnerty*
Name: Bob Finnerty
Title: Sales Representative
Date: 3/25/2015

When you would like us to proceed with the above outlined scope of work, please sign the proposal and agreement, initial and date all pages, and return to us. An executed copy will be returned for your records.
If you should have any questions, please feel free to call me. We value your business and will work hard to earn it. Thank you again for this opportunity and for your desire to maintain a fire safe environment.

Initial _____ Date _____

AGREEMENT

**General Terms and Conditions
GENERAL PROVISIONS**

The terms and conditions of this Agreement and any attached pages are an important part of this Agreement and are hereby incorporated by reference and accepted by the CUSTOMER. The Agreement page these General Terms and Conditions (collectively the "Agreement"), are intended by FireMaster and the CUSTOMER as a final expression of their Agreement and as a complete and exclusive statement of the terms and conditions thereof. This Agreement supersedes all prior representations, understandings or agreements between FireMaster and the CUSTOMER, written or oral, and shall constitute the sole terms and conditions of sale for all equipment and Work. FireMaster is not bound by any provisions, printed or otherwise, at variance with the Agreement that may appear on any acknowledgement, purchase order or other form used by the CUSTOMER, such provisions being expressly rejected. No waiver, change, or modification of any terms or conditions of this Agreement shall be binding on FireMaster unless made in writing and signed by an officer of FireMaster. All work to be performed by FireMaster I will be performed during normal working hours of normal working days (8:00 a.m. – 5:00 p.m., Monday through Friday, excluding FireMaster holidays), as defined by FireMaster, unless additional times are specifically described in a special provision to this Agreement.

This Agreement does not cover systems, equipment, components or parts which are below grade, behind walls or other obstructions or exterior to the building, electrical wiring, piping, or system upgrades.

CUSTOMER'S RESPONSIBILITIES

The CUSTOMER further agrees to:

- provide FireMaster access to the site,
- supply suitable electrical service, heat, heat tracing, and adequate water supply,
- provide a safe work environment,
- to make payments as provided in this Agreement.

HAZARDOUS MATERIALS

The CUSTOMER represents that, except to the extent that FireMaster has been given written notice of the following hazards prior to the execution of this Agreement, to the best of the CUSTOMER's knowledge there is no:

- "permit confined space," as defined by OSHA,
- risk of infectious disease,
- need for air monitoring, respiratory protection, or other medical risk,
- asbestos, asbestos-containing material, formaldehyde or other potentially toxic or otherwise hazardous material contained in or on the surface of the floors, walls, ceilings, insulation or other structural components of the area of any building where work is required to be performed under this Agreement.

All of the above are hereinafter referred to as "hazardous conditions".

FireMaster shall have the right to rely on the representations listed above. If hazardous conditions are encountered by FireMaster I during the course of FireMaster's work, the discovery of such materials shall constitute an event beyond FireMaster's control and FireMaster shall have no obligation to further perform in the area where the hazardous conditions exist until the area has been made safe by the CUSTOMER, and the CUSTOMER shall pay disruption expenses and re-mobilization expenses as determined by FireMaster.

The CUSTOMER shall indemnify and hold FireMaster harmless for any damages resulting from the exposure of workers to hazardous conditions, including damages for bodily injury and/or property damage, any consequential or indirect damages, and any attorneys' fees and expert costs incurred in connection with any such event, whether or not the CUSTOMER pre-notifies FireMaster of the existence of said hazardous conditions.

This Agreement does not provide for the cost of capture, containment or disposal of any hazardous waste materials, or hazardous materials, encountered. Said materials shall at all times remain the responsibility and property of the CUSTOMER.

FireMaster shall not be responsible for testing, removal or disposal of such hazardous materials.

PAYMENT FAILURE

If the Customer fails to make any payment when due, FireMaster shall have the right, at FireMaster's sole discretion, to stop performing any Work until the account is current. The Customer's failure to make payment when due is a material breach of this Agreement.

LIMITED WARRANTY

FIREMASTER WARRANTS THAT ITS WORKMANSHIP AND MATERIAL FURNISHED UNDER THIS AGREEMENT WILL BE FREE FROM DEFECTS FOR A PERIOD OF NINETY (90) DAYS FROM THE DATE OF FURNISHING.

Where FireMaster provides product or equipment of others, FireMaster will warrant the product or equipment only to the extent warranted by such third party.

WARRANTY DISCLAIMER

EXCEPT AS EXPRESSLY SET FORTH HEREIN, FIREMASTER DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE WORK PERFORMED OR THE PRODUCTS, SYSTEMS OR EQUIPMENT, IF ANY, SUPPORTED HEREUNDER. FIREMASTER MAKES NO WARRANTY OR REPRESENTATION, AND UNDERTAKES NO OBLIGATION TO ENSURE BY THE WORK PERFORMED UNDER THIS AGREEMENT, THAT FIREMASTER'S PRODUCTS OR THE SYSTEMS OR EQUIPMENT OF THE CUSTOMER WILL CORRECTLY HANDLE THE PROCESSING OF CALENDAR DATES BEFORE OR AFTER DECEMBER 31, 1999.

LIMITATION OF LIABILITY

It is understood and agreed by the CUSTOMER that FireMaster is not an insurer and that insurance covering personal injury and property damage on the CUSTOMER's premises shall be obtained by the CUSTOMER; that the Customer agrees to look exclusively to the Customer's insurer to recover for injuries or damage in the event of any loss or injury; that the amounts payable to FireMaster hereunder are based upon the value of the Work and the scope of liability set forth herein; and that FireMaster is not guaranteeing that no loss will occur.

LIQUIDATED DAMAGES; LIMITATIONS OF REMEDY

FireMaster and the CUSTOMER agree that it is impractical and extremely difficult to fix actual damages which may arise due to the faulty operation of the System(s) or failure of any FireMaster device or failure to perform, or negligent performance of Work; if, notwithstanding the above provisions, there should arise any liability on the part of FireMaster, such liability shall be limited to an amount equal to the Agreement price. Where this Agreement covers multiple sites, liability shall be limited to the amount of the Agreement price allocable to the site where the incident occurred. Such sum shall be complete and exclusive and shall be paid and received as liquidated damages and not as a penalty. If the Customer desires FireMaster to assume greater liability, the parties shall amend this agreement by attaching a rider setting forth the amount of additional liability and the additional amount payable by the Customer for the assumption by FireMaster of such greater liability, provided however that such rider shall in no way be interpreted to hold FireMaster as an insurer. **IN NO EVENT SHALL FIREMASTER BE LIABLE FOR ANY DAMAGE, LOSS, INJURY, OR ANY OTHER CLAIM ARISING FROM ANY SERVICING, ALTERATIONS, MODIFICATIONS, CHANGES, OR MOVEMENTS OF THE SYSTEM(S) OR ANY OF ITS COMPONENT PARTS BY THE CUSTOMER OR ANY THIRD PARTY. FIREMASTER SHALL NOT BE LIABLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING BUT NOT LIMITED TO DAMAGES ARISING FROM THE USE, LOSS OF THE USE, PERFORMANCE, OR FAILURE OF THE SYSTEM(S) TO PERFORM.**

INSURANCE

The CUSTOMER shall name FireMaster, its officers, employees, agents, subcontractors, suppliers, and representatives as additional insureds on the CUSTOMER's general liability and auto liability policies.

INDEMNITY

The CUSTOMER agrees to indemnify, hold harmless and defend FireMaster against any and all losses, damages, costs and expenses including reasonable defense costs, arising from any and all third party claims for personal injury, death, property damage or economic loss, arising in any way from any act or omission of the Customer or FireMaster relating in any way to this Agreement, including but not limited to the Work under this Agreement, whether such claims are based upon contract, warranty, tort (including but not limited to active or passive negligence), strict liability or otherwise. FireMaster reserves the right to select counsel to represent it in any such action.

FORCE MAJEURE

FireMaster shall not be responsible for failure to render Work due to causes beyond its control, including but not limited to work stoppages, fires, civil disobedience, riots, rebellions, acts of God, or any other cause beyond the control of FireMaster.

WAIVER OF SUBROGATION

The CUSTOMER does hereby, for itself and all others claiming for it under this Agreement, release and discharge FireMaster from and against all hazards covered by the CUSTOMER's insurance, it being expressly agreed and understood that no insurance company or insurer will have any right of subrogation against FireMaster.

ONE-YEAR LIMITATION ON ACTIONS; CHOICE OF LAW

It is agreed that no suit, or cause of action or other proceeding shall be brought against either party more than one (1) year after the accrual of the cause of action or one (1) year after the claim arises, whichever is shorter, whether known or unknown when the claim arises or whether based on tort, contract, or any other legal theory.

The laws of Massachusetts shall govern the validity, enforceability, and interpretation of this Agreement.

ASSIGNMENT

Neither party may assign this Agreement without the other party's prior written consent, except that either party may assign this Agreement to an affiliate without obtaining the other party's consent.

REPORTS

FireMaster may fill out an installation report and, where applicable, FireMaster may submit a copy thereof to the local authority having jurisdiction. The report is not intended to imply that no loss will occur. Final responsibility for the condition and operation of the System and equipment and components lies with the CUSTOMER.

ENTRY

FireMaster may enter the Customer's premises at all reasonable times to perform the Work under this Agreement.

WATER SUPPLY

FireMaster shall not be liable or responsible for the adequacy or condition of the water supply.

SEVERABILITY

If any provision of this Agreement is held by any court or other competent authority to be void or unenforceable in whole or in part, this Agreement will continue to be valid as to the other provisions and the remainder of the affected provision.

LEGAL FEES

FireMaster shall be entitled to recover from the Customer all reasonable legal fees incurred in connection with FireMaster forcing the terms and conditions of this agreement.

SPECIAL CONDITIONS

INSURANCE – This Agreement is hereby modified to incorporate the Purchaser/Customer Insurance requirements, including provisions requiring Contractor to name Customer as an "additional insured" under its primary and excess insurance policies. FireMaster will provide a Certificate of Insurance in accordance with this term.

Printed in U.S.A.

All specifications and other information shown were current as of publication, and are subject to change without notice.

Initial Date

EXCLUDING:

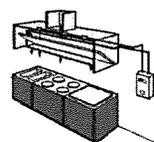
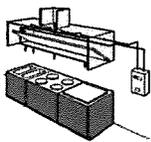
1. Any additional equipment or materials, required by the local AHJ, but not included in this proposal. These items, if any, will be quoted as an extra to the contract price.
2. Asbestos related work. This proposal is based upon the hazard area being asbestos-free.
3. Welding, coring, cutting, patching or painting of walls, floors, ceilings, hoods, and/or access panels, that may be affected or required before, during or after system installation.
4. Connection of the suppression system to a fire alarm control panel or central station monitoring system (if one is present).
5. Electrical wiring and connections for required hood shutdowns for make-up air, electrical, outlets, cooking appliances, etc.
6. Installation of a new gas valve (a qualified gas vendor would be required).
7. Any expedited Plan Review not requested by FireMaster.
8. Any fire watch that may be required.
9. Any change orders.
10. Any local or state tax.

DETAILS:

1. This proposal is based upon the work being performed during normal working hours of Monday-Friday 8:00 A.M.-5:00 P.M. and being allowed access to the worksite to provide a continuity of workflow.
2. Please allow 2-3 weeks for the permit and scheduling process.
3. In the event our technicians are dispatched to the worksite, as scheduled, but are unable to perform the installation through no fault of FireMaster (area not ready, interfaces not ready, not accessible, etc.), purchaser agrees to an increase in the contract price for the actual time lost, up to \$375.00 for each such event.
4. Above pricing includes one (1) functional test of the above system for the local authority. Should more than one test and/or inspection of the system be required due to circumstances beyond our control, the purchaser agrees to an increase in the contract price for the actual time lost, but not less than \$375.00 for each such event.
Note: System Testing is offered only during normal working hours.
5. Delay caused by purchaser: all purchaser supplied materials, related installation and services must be completed prior to the scheduled completion of the suppression system. If not, costs for such delays will be added to the contract price based upon 1% (per month of delay) of the then outstanding balance owed to Firemaster.

6. It is mutually agreed that where a system sign-off and/or test is required by the AHJ or the purchaser, such a sign-off is not a condition precedent to the agreed upon payment schedule.
7. Commencement of the field installation of the system will be subsequent to the approval by the local AHJ.
8. On-going periodic inspection and testing of the fire suppression system is not included in this proposal, however our service department will be sending you a quote for such work. The system should be serviced on a semi-annual basis per state/local fire code & the manufacturer's requirements.

If you should have any questions, please feel free to call me at (714) 863-0087. We value your business and will work hard to earn it. Thank you again for this opportunity and for your desire to maintain a fire safe environment.



SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 Building Renewal Grant Fund

District: **Elfrida Elementary**
 BRG Project Number: 020412101-9999-004BRG
 Project Description: Replace fire alarm panel
 Architect of Record: n/a
 Contractor: FSEC (520-505-4171)

Cochise County

Board Approval: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 2,868
Contingency ①		\$ 332
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspections		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 3,200
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 3,200
Total Project Cost:		\$ 3,200

① Contingency may only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 2/24/2015 10:20:05 AM

Application ID: 1863

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Elfrida Elementary District
Superintendent: Victoria Brand
Contact Person: Lupe De La Cruz
Contact Phone Number: 520-642-3428
Contact Email: vicki.brand@elfridaelem.org
School Site: Elfrida Elementary School
Buildings: 9999 School Wide

Application Title: Replace Fire Panel

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

I am submitting the attached request for emergency funding because our Fire Panel has a bad section in it and is sending out alarms. We have bypassed the bad sector for a temporary fix but it continues to alarm at least once a day and our fix may not last long and we will be back to having an alarm going off all the time.

Additionally, we have found through an inspection that the cafeteria that the School Facilities Board built is not connected to our fire system in our school. It has its own fire system so it does not communicate with the central system. If possible I would like to have this rectified as well.

This is a safety issue and we are concerned about the students and staff safety in our school.

We are in a dire financial state this year due to having to hire a special education aide for a new student we did not budget for, had two major repairs on failing buses, replaced an expensive computer board in an AC unit at the beginning of the year, an oven going out in the cafeteria and having to purchase a bus on a lease purchase. We also anticipate a large cut to our capital funding in the coming year and need to save as much capital funding as we can so we can continue to pay off our new bus. I feel I need to be fiscally responsible with these funds so we do not have to send the bus back after making a few years of \$29,000 payments. So I do not feel we have the funds to make this repair. We have absolutely no M & O funding left to pay for this repair.

Project Category: Special Systems

Building Renewal Grant Application

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school?

Available Funding

Amount of Local funds planned for this project	\$0.00
--	--------

Please outline any associated insurance coverage.

Our remaining capital funds are encumbered to make the payments we will need to make on the new bus we had to purchase this year because we had one that needed 10's of thousands of dollars to rebuild the engine and transmission.
This issue is not covered by insurance and is not under warantee.
As a result of unexpected special education expenses, the repair of an AC unit the Friday before school started, and some other major bus repairs we are on a spending freeze in our M&O. I am concerned we will not make it to the end of the year. We need help.

Liaison: Demland

ddemland@azsfb.gov

602-542-6567

Victoria Brand

Superintendent Printed Name

Victoria J Brand

Superintendent Signature

3-31-15

Date



Fire Security Electronics & Communications, Inc.

17621 North 25th. Avenue • Phoenix, Arizona 85023 • Phone (602) 564-7770 • FAX (602) 564-7776
2015 W. Ruthrauff Rd. Suite 143 • Tucson, Arizona 85705 • Phone (520) 505-4171 • FAX (520) 989-0438
www.fsec.net • email: sales@fsec.net • ROC# 086767 CR-67, 272085 C-16

Proposal

April 7, 2015

Fire Alarm Panel Replacement for Elfrida Elementary School

ES#7824T

To:

Elfrida ESD
4070 Jefferson Road
Elfrida, AZ 85610

FIRE SECURITY ELECTRONICS & COMMUNICATIONS INC. hereby proposes to supply and install a new five zone conventional fire alarm panel at Elfrida Elementary School located at 4070 Jefferson Road, Elfrida, Arizona.

This is a turnkey proposal using equipment manufactured by Gamewell-FCI and includes one GF505 control panel, one CAC-5X class "A" zone converter, two 12V, 7AH sealed lead acid batteries, and surge suppressors for the AC power line and telephone dialer inputs.

Proposed System Price: \$2,382.73

Estimated Permit Fee: \$485.00

Total Proposal Price: \$2,867.73

The above pricing includes all necessary sales taxes for a MRRA type project.

Scope of Work

Included:

- 1 Remove the existing fire alarm panel in the main building and replace with the new FACP.
- 2 Terminate the existing conventional loops to the new control panel.
- 3 Program and test the entire system for proper operation.
- 5 AHJ submittals.
- 6 Permit fee.
- 7 AHJ Inspection.
- 8 O&M manuals and end user training.

Not Included:

- 1 Supply and installation of any raceways.
- 2 Supply and installation of any required electrical circuits.

Special Conditions:

- 1 Redundant site trips; FSEC is dependent upon the general contractor, the electrical contractor, and other trades for coordination of scheduling. If we are called to the jobsite to provide our contracted services and the conditions will not allow us to proceed because of circumstances beyond our control, we will charge out the unproductive time plus round trip travel time from our facility at our regular service rate of \$95.00 per hour.

SEE THE ATTACHED TERMS AND CONDITIONS

Do not accept this proposal without reading all the attached pages

Proposed By: Mark Smale Date: 04/07/2015
Fire Security Electronics & Communications, Inc.

Accepted By: _____ Date: _____
Signature

TERMS & CONDITIONS

1. VENUE It is mutually agreed that regardless of where executed, this Agreement shall be conclusively deemed to have been executed under and pursuant to the laws of the State of Arizona and that the laws of said state, and only said state, shall be applied hereunder, and that any causes of action between the parties hereto shall only have jurisdiction and venue in the courts of the State of Arizona.
2. MODIFICATION No charge or modification of this Agreement, or any provision thereof, shall be binding upon parties hereto, unless it shall be in writing and signed by the party sought to be charged hereunder.
3. SUBSEQUENT LEGAL PROCEEDINGS In the event that an action is brought to enforce any part of this Agreement, the prevailing party shall be entitled to recover all reasonable expenses, including reasonable attorney's fee, costs and any other relief to which the prevailing party is otherwise entitled, whether or not suit is instituted.
4. BINDING EFFECT This Agreement is entered into freely and voluntarily between the parties, and it shall be binding upon and inure to the benefit of the parties hereto, as well as their respective heirs, personal representatives, successors and assigns.
5. ENTIRE AGREEMENT This Agreement constitutes the entire agreement between the parties hereto and supersedes all prior and contemporaneous negotiations, understandings, agreements, inducements and conditions of any nature whatsoever with respect to the subject matter hereof.
6. PROVISIONS SEVERABLE If any provision of this Agreement shall be or shall become illegal or unenforceable, in whole or in part, for any reason, the remaining provisions hereof shall never the less be deemed valid, binding and subsisting.
7. INDULGENCES NOT WAIVERS No indulgences extended by either party hereto to the other party shall be construed as a waiver of any breach on the part of such other party, nor shall any waiver of one breach be construed as a waiver of any rights or remedies with respect to any subsequent breach.
8. COUNTERPARTS This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.
9. All invoices are due and payable upon presentation and past due 30 days thereafter.
10. All past due invoices **WILL BE CHARGED** a 2 percent per month finance charge on the outstanding balance.
11. Any account over 60 days will be subject to credit hold and work shall cease until the outstanding balance has been paid.
12. All equipment shall be ordered upon receipt of approved submittals.
13. Equipment will be invoiced upon receipt and shall be stored in our warehouse until required on site. Should delivery to site be required for payment, notification within 24 hours of receipt of our invoice shall be given. If on site storage is required for payment, the CONTRACTOR shall provide secure storage at no cost to F.S.E.C. and the CONTRACTOR assumes all liability for the safe storage of all equipment until required for installation. If notification is not given within 24 hours to F.S.E.C. then the contractor has agreed that the materials may be stored in our warehouse and that payment will be made in accordance with the above.
14. Should terms 12 & 13 above be unacceptable, then the Contractor shall notify F.S.E.C. in writing together with the required delivery dates for the equipment to be on site. Upon receipt of approved submittals, we shall order the equipment for delivery as requested. Any increase in price due to the delayed delivery or any special freight charges due to expedited delivery shall be addition to contract and shall be charged to the Contractor.
15. A construction schedule, a full set of electrical drawings and a complete set of specifications including all addendums shall be supplied to F.S.E.C. by the Contractor within 14 days from placing of order. The schedule shall show the estimated delivery requirements of all special back boxes to the Contractor, the estimated date that F.S.E.C. is required on site and the completion date.
16. The Contractor shall give F.S.E.C. a minimum of 14 days notice after total completion of his work to commence on site. F.S.E.C. shall need a minimum of 30 days to complete our work from that date.
17. After F.S.E.C. has tested the system(s) to its satisfaction, F.S.E.C. shall call for inspection by the authority having jurisdiction.
18. F.S.E.C. reserves the right to stop work on all projects with this Contractor should any invoices become past due.
19. All bids by F.S.E.C. are based on a single visit to install, trim, test and inspect unless specifically detailed otherwise. Should the Contractor require multiple visits, additional charges shall apply.
20. All bids are based on work being carried out during normal working hours. Overtime that is worked due to Contractor request will be chargeable at our standard overtime rates.
21. Should the Contractor call for F.S.E.C. to commence work before the Contractor is complete, the Contractor agrees to pay F.S.E.C. for non-productive time at our standard service hourly rate.
22. The Contractor shall install the system(s) in accordance with the drawings supplied by F.S.E.C. using the materials detailed by F.S.E.C. The Contractor agrees to replace or reinstall any or all items found by F.S.E.C. to be in violation of any applicable Federal, State, Local or National Codes and/or F.S.E.C. approved drawings.
23. The prices and terms on this quotation are not subject to verbal changes or other agreements unless approved in writing by the home office of the seller. All quotations and agreements are contingent upon Strikes, Accidents, Fires, Availability of materials and all other causes beyond our control.
24. Typographical and stenographic errors subject to correction.

- 25. Purchaser agrees to accept either overage or shortage not in excess of 10 percent to be charged pro rata.
- 26. Purchaser assumes liability for patent and copyright infringement when goods are made to purchaser's specifications. When quotation specifies material to be furnished by the purchaser, ample allowance must be made for reasonable spoilage and material must be of suitable quality to facilitate efficient production.
- 27. Conditions not specifically stated herein shall be governed by established trade customs.
- 28. **TERMS INCONSISTENT WITH THOSE STATED HEREIN THAT MAY APPEAR ON PURCHASER'S ORDER WILL NOT BE BINDING ON SELLER.**
- 29. Should a contract be canceled for any reason, then a charge shall be made, including but not limited to, all work and expenses incurred to the date of cancellation. Full profit and overhead estimated for the project and a 25 percent restocking charge for all equipment ordered and/or received by F.S.E.C. for the project at F.S.E.C. selling price.
- 30. Fire Security Electronics & Communications, Inc. employs a notification service to fulfill the requirements of ARIZONA REVISED STATUTES 33.992.01. This is strictly a vehicle to protect yours and Fire Security Electronics & Communications, Inc. rights and is not a reflection on anyone's ability to pay.
- 31. Fire Security Electronics & Communications, Inc. shall invoice any materials, labor, supervision or engineering that it has expended, as work progresses. All such invoices are due upon presentation and PAST DUE 30 days from date of invoice.
- 32. Fire Security Electronics & Communications, Inc. will not carry out any additional work without a written change order. F.S.E.C. will prepare any change order documents and submit them to the Contractor for approval and acceptance. All change orders will be subject to the existing contract terms and conditions.
- 33. Fire Security Electronics & Communications does not accept back charges for any reason whatsoever unless they are brought to the attention and agreed upon in writing by our installation manager at the time of the occurrence.
- 34. **WARRANTY SERVICE SHALL BE PROVIDED DURING NORMAL WORKING HOURS FOR A PERIOD OF ONE (1) YEAR AFTER ACCEPTANCE OR FIRST BENEFICIAL USE, WHICHEVER COMES FIRST. THIS WARRANTY DOES NOT EXTEND TO ANY EQUIPMENT, WHICH HAS BEEN SUBJECT TO MISUSE, NEGLIGENCE, ACCIDENT, UNAUTHORIZED REPAIR OR ALTERATIONS. IT DOES NOT COVER USER MAINTENANCE AND ADJUSTMENTS.**
- 35. On-Call Emergency Service will be provided twenty-four (24) hours a day.
- 36. PERMIT FEES are NOT included in the job contract, UNLESS they are specified as being included in the proposal document.
- 36. All materials shall remain the sole property of F.S.E.C. until paid for in full. Should it become necessary for F.S.E.C. to reclaim any materials that have NOT been paid for, F.S.E.C. may collect from the Contractor a lease amount equal to 1/12th of the total value of such materials for each month the equipment was in service.
- 37. **FSEC does not accept any liquidated damages on any project for any reason whatsoever; as FSEC does not have any control as to the progress of other contractors and subcontractors who affect our ability to complete our work on time.**

Proposed By: _____ Date: 04/07/2015
Mark Smale *Fire Security Electronics & Communications, Inc.*

Accepted By: _____ Date: _____
Signature

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Hackberry Elementary**
 BRG Project Number: 080403002-1004-001BRG Mohave County
 Project Description: Repair/recoat roof
 Architect of Record: n/a
 Contractor: WRECORP

Board approval: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 91,978
Contingency ①		\$ 12,000
Architecture / Engineering (A&E)		\$ 14,215
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 2,500
Testing & Inspection		\$ 5,000
Total Additional Cost:		\$ 21,715
Total SFB Funded Project Cost:		\$ 125,693
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 125,693
Total Project Cost:		\$ 125,693

① Contingency shall only be used with SFB staff approval

Building Renewal Grant Application

Initial Submission Date: 1/29/2015 12:27:42 PM

Application ID: 1902

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Hackberry School District
Superintendent: Kim Pattillo
Contact Person: Kim Pattillo
Contact Phone Number: 928-692-0013 ext.201
Contact Email: kpattillo@hesd.net
School Site: Cedar Hills School
Buildings:
1004 Main Building
9999 School Wide

Application Title: Hackberry Elementary School District #3

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

We are asking for funds to repair or replace our roof due to excessive leaks.

Project Category: Roofing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

We have many leaks in our roof throughout the building. Dave Buckley came out and did a roof assessment. It was determined that our roof is not under warranty for the main part of the roof. The trust has been out and viewed the interior damage but determined the roof is not covered. Mr. Buckley submitted a report to SFB recommending complete removal of the roof and redoing it. We are 5 years beyond the warranty life of the membrane roof.

Liaison: Breuer gbreuer@azsfb.gov 602-542-6139

Superintendent Printed Name

Building Renewal Grant Application

Superintendent Signature

Date

PROPOSAL

PROJECT IDENTIFICATION

PROJECT NAME	Hackberry School District
PROJECT	Cedar Hills Elementary School
SITE ADDRESS	9501 E. Nellie Dr., Kingman, AZ

PROPOSAL

This proposal, dated this day of March 18, 2015, 2014, is between ("Client") and WRECORP (Western Roof Evaluation Corporation) ("Consultant") to set forth and further define the Scope of Services for the project generally referred to as Roof Inspection. If accepted this document shall form an agreement between the client and the consultant.

Client and Consultant, after negotiation, have defined the Scope of Services as follows: Includes all travel times, 6 visits to job site.

- Investigate existing roof, wall and flashings.
- Create a report detailing conditions.
- Create a scope of work and specification to restore or replace existing roofs.
- Create CAD of roof foot print identifying existing roof sections.
- Create construction details.
- Conduct pre-bid meeting with chosen contractors and manufacturers.
- Review submittals and schedule from chosen contractor.
- Provide quality assurance monitoring two times during project installation. Photo documented reports for each day's monitoring.
- Conduct a punch list inspection after completion of work.
- Conduct a close out inspection.
- Create a close out book in 3 ring binder and electronic disk.
- Provide structural engineer report on roof restoration or replacement.

Fees: \$14,215.00

Compensation for services and terms of payment shall be as follows: Due upon receipt of invoice.

Limitations on Consultant's Responsibility, Indemnity & Insurance

Client acknowledges that Consultant is performing professional service on behalf of Client and in the event claims, losses, damages or expenses are caused by the negligence of Contractor or Client or both, Client agrees to indemnify and hold harmless Consultant, and Consultant's officers, employees, agents and representatives, from and against liability for all Professional Liability claims, losses, damages and expenses whether or not insured, including reasonable attorney's fees.

WRECORP (Western Roof Evaluation Corporation)

Consultant

By: Jerry L. Brown 3/18/2015
Signature in ink Date

Name: Jerry L. Brown
Title: President

Owner

By: _____
Signature in ink Date

Name: _____
Title: _____



David Kennon
ASSFB

Project: Cedar Hills Elementary School
9501 E. Nellie Dr.
Kingman, AZ

David

After review of all of the documents you have sent me, reviewing the photographs and Google Image of the project I have the following appraisal.

- 46 roof vents on the shingle roofs have to be changed out to dormer vents.
- 10,970 square feet of roof surface needs to be repaired and restored with coatings.
- 2,915 square feet of interior parapet walls needs to be repaired and recoated.

Budget for this project is \$91,978.00

Jerry L. Brown, RRO
Roof Consultant
April 23, 2015

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **J O Combs Unified**
 BRG Project Number: **110344201-1006-001BRG**
 Project Description: **Repair central plant condenser pump**
 Architect of Record: **BESP (602-377-2679)**
 Contractor: **Foster Electric Motor Service, Inc.**
 Board Approval: **5/6/2015**

Pinal County

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 8,342
Contingency ①		\$ 5,000
Architecture / Engineering		\$ 12,000
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 12,000
Total SFB Funded Project Cost:		\$ 25,342
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 25,342
Total Project Cost:		\$ 25,342

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 4/17/2015 2:10:56 PM

Application ID: 1988

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: J O Combs Unified District

Superintendent: Dr. Gayle Blanchard

Contact Person: Shannon Weber

Contact Phone Number: 520-423-7874

Contact Email: sweber@jocombs.org

School Site: Combs High School

Buildings: 1006 Building 600

Application Title: Central Plant pump repair

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Immediate repair required to 2 system pumps. Both 100HP condenser water pumps Model TA2530B2R1B210, HP100 RPM 1750 were running and that there was no pressure in the EMS system, 2 cooling tower valves as well as the by pass valve were all closed, this is what caused the pumps to run with out water. The pumps ran so hot that it melted the packing around the bearing seals. Both pumps now require the attached quoted services for full function. Only one pump can be repaired at a time due to the need to run system in hand mode and cooling tower valves have been forced open until we can resolve the problem. PM has been conducted on the system regularly and an immediate solution to this is necessary. This system runs on two pumps staggering - both will need repair due to the heat elevation during the EMS failure.

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Insurance does not cover expenses of Pump failure due to Central Plant failures/repairs.

Building Renewal Grant Application

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Gayle A. Blanchard
Superintendent Printed Name

Gayle A. Blanchard
Superintendent Signature

4/17/15
Date

BESP, LLC
219 S. William Dr. # 129
Gilbert, AZ 85233
Tel: (602) 377-2679 Fax: (480) 629-5645
info@besp.us
www.besp.us



PROPOSAL

April 22, 2015

Shannon Weber
Director of Support Services
J. O. Combs Unified School District
301 E. Combs Road
San Tan Valley, AZ 85140

RE: Assessment of Control System and Chilled/Condenser Water Pumps at J. O. Combs High School.

Dear Mrs. Weber,

Please find below scope and fee to assess control system and pumps at J. O. Combs High School. The proposal is based on SAVE Contract # 13-04-17 originated by Tolleson ESD.

- 1) Assess control system at J O Combs High.
- 2) Review control programming and exercise control system components.
- 3) Assess chilled water and condenser water pumps.
- 4) Prepare an assessment report with recommended solutions

BESP's Fee: \$12,000 (NTE)

Please let me if you have any questions or need clarifications.

Sincerely,

Sameer R Pandey PE (Mech.), CEM
Principal Engineer, BESP
602-377-2679 (cell)
sameerpandey@besp.us



480-963-5416 | 480-899-5980 fax | 490 E Frye Rd, Chandler AZ 85225 | www.fe-azp.com

AMENDED QUOTATION

Quote #Q012018

Customer: J O COMBS SCHOOL DIST #44	Date: 4/22/15
Address: 301 E COMBS RD.	Fax: 480.987.3487 Email: falvarado@jocombs.org sweber@jocombs.org
City, State, Zip: QUEEN CREEK, AZ 85240	Terms: NET 30
Job Name: JOB # 69000 100HP PUMP REPAIRS	Attn: FRANK ALVARADO 480.226.2091

Foster Electric/Arizona Pump is pleased to provide you with the following quotation to provide:

MFG: Taco, MODEL: TA2530B2R1B210, HP: 100, RPM: 1750

- Provide service work to remove 100HP pump and transport to our facility
- Disassemble 100HP pump and motor, clean and inspect all parts
- Sandblast pump parts to clean up
- Provide and install (2) new bearings
- Provide and install (2) new mechanical seals
- Provide and install (2) seal sleeves
- Provide and install new o-rings and case gasket
- Provide and install (2) new impeller rings
- Bore (2) endbell bearing housings, sleeve and machine to size
- Machine work to repair (1) bearing journal
- Check balance on rotating assembly – correct as required
- Complete the assembly, pressure test and paint
- Provide service work to reinstall pump
- Perform laser alignment

Price for above.....\$8,010.00
 Estimated Freight for above.....\$60.00
 Esitmated Tax for above.....\$272.00

Please sign and fax back quote prior to commencement of work

We propose to furnish the above for the sum of: \$8,342.00

This quote includes applicable sales tax & freight.

This quotation is valid for 30 days from date of presentation

This quotation is valid for 30 days from date of presentation		
	<i>Judd Whalen -sd</i>	
Accepted By	Date	Presented By, Judd Whalen



480-963-5416

| 480-899-5980 fax

| 490 E Frye Rd, Chandler AZ 85225

| www.fe-azp.com

QUOTE # Q012018

LIMITED WARRANTY AND SERVICE POLICY

Foster Electric/Arizona Pump and its employees are committed to providing our customers with the best possible service and products. This Limited Warranty and Service Policy describes the warranty and warranty procedures of Foster Electric/Arizona Pump.

The warranty period shall be (1) year from authorized start-up on all-inclusive services and labor. Components not manufactured by Foster Electric/Arizona Pump shall be covered under standard manufacturer's warranty. Any labor cost for the remedy of manufacturer's defect shall be covered by Foster Electric for a period of 60 days from invoice. Warranty does not cover damage due to misuse, abuse, or failure to conduct routine maintenance as per product specifications. Purchaser is required to notify FE-AZP, of any apparent defects in design, material or workmanship, prior to any corrective action by others. All repairs initiated by purchaser during the warranty period must be pre-authorized by FE-AZP or the warranty shall be expired.

Accepted By (Signature)

Date

Print Name

Company Name

PO #

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 Building Renewal Grant Fund

District: **Kingman Unified**
 BRG Project Number: **080220203-1001-011BRG** Mohave County
 Project Description: **Replace 7.5-ton HVAC compressor**
 Architect of Record: **n/a**
 Contractor: **Pueblo Mechanical & Controls, Inc. (800-840-9170)**

Board Approval: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 6,638
Contingency ①		\$ 1,362
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 8,000
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 8,000
Total Project Cost:		\$ 8,000

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 4/17/2015 10:51:22 AM

Application ID: 1846

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Kingman Unified District

Superintendent: Mr Roger Jacks

Contact Person: Craig Schritter

Contact Phone Number: 928-530-0636

Contact Email: cschritter@kUSD.org

School Site: Lee Williams High School

Buildings: 1001 A

Application Title: Lee Williams AC repair/Compressor

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Several Units are not functioning due to compressor going out to ground, will not start, 15 TON units on top of the Auditorium and 2 classrooms. They need a 7 1/2 Ton Compressor and 2 Dryers and one contactor for each. The Units was installed in 2002. The District have no funds for this project, it is expected that others will need to be replaced in the near future.

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

The District did not expect this type of repair and is not covered in any of the Districts Budgets.

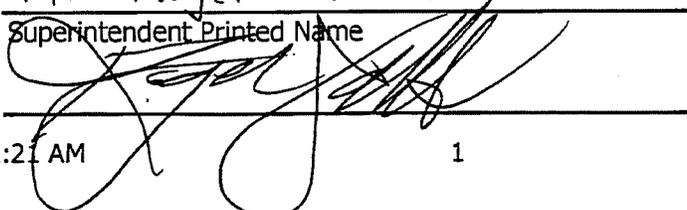
Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Mr. Roger Jacks

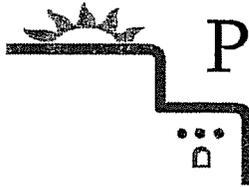
Superintendent Printed Name



4/17/15

Application ID: 1846

4/17/2015 10:51:21 AM



Pueblo

Mechanical & Controls, Inc.

(800) 840-9170

PROPOSAL - Kingman-USD-Lee Williams High School-Trane-7.5-Ton-Compressor Replacement.

*Mohave JOC
#14G-PMAC2-0903*

PMC Proposal #:15-02-047

From: Pueblo Mechanical and Controls, Inc.

Date: 3/12/2015

Attn: Bill Helzer
Kingman Unified School District
3033 Mac Donald
Kingman, AZ 86401

Dear Bill,

Pueblo Mechanical and Controls appreciates the opportunity to look at this project and is pleased to provide the following scope for Kingman-USD-Lee Williams High School-.Trane 7.5-Ton-Compressor Replacement.

Scope of Work:

- Disconnect power to equipment.
- Recover refrigerant from unit.
- Remove the old Compressor
- Provide and Install new Trane 7.5-ton compressor and New Filter Drier.
- Provide and Install new Reversing Valve
- Nitrogen and Chemical Flush.
- Pressure system with nitrogen to check for leaks.
- Put system in a vacuum.
- Weigh in the charge of refrigerant.
- Start up and check operation.

We Exclude The Following:

- Repair or replacement of any existing device found to be inoperable.

Complete material, service, and labor total: \$ 6,637.20

Bonding: \$ _____

Total Cost: \$ 6,637.20

All projects over \$100,000 must be individually bonded, projects under this amount are at the discretion of the customer; if the project is under \$100,000; by accepting this proposal you agree to waive bonding for this project. If you require bonding; please contact Pueblo Mechanical immediately and we will provide a quote for the bonding amount.

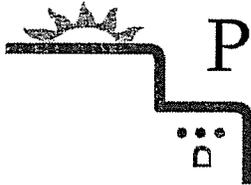
ALL PRICES QUOTED ABOVE ARE VALID FOR 120 DAYS

6771 E. Outlook Drive, Tucson, AZ 85756 • 11052 N. 24th Avenue, Phoenix, AZ 85029

Office - (800) 840.9170 • Fax - (888) 473-4374

www.pueblo-mechanical.com

AZ LIC: K-39 # ROC176640 • AZ LIC: B-01 # ROC173953 • AZ LIC: K-74 # ROC260462



Pueblo
Mechanical &
Controls, Inc.

(800) 840-9170

We look forward to providing this important service; please call if you have any questions.

Best Regards,

Brian Keough
Service Solutions
(480)- 229-3649
Brian@pueblo-mechanical.com

Acceptance of Proposal: The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Name

Signature

Date

Due to the high cost of equipment and/or extended nature of this project progress billing may be required; if a purchase order is created for this project the owner agrees to accept progress billing for demonstrated and verifiable completed work and/or arrival of equipment items pending installation.

ALL PRICES QUOTED ABOVE ARE VALID FOR 120 DAYS

6771 E. Outlook Drive, Tucson, AZ 85756 • 11052 N. 24th Avenue, Phoenix, AZ 85029

Office - (800) 840.9170 • Fax - (888) 473-4374

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AZ LIC: K-39 # ROC176640 • AZ LIC: B-01 # ROC173953 • AZ LIC: K-74 # ROC260462

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District: **Lake Havasu Unified**
 Project Number: **080201102-1001-013BRG**
 Project Description: **Replace starter buckets on central plant**
 Architect of Record: **n/a**
 Contractor: **Independent Electric Supply, Inc. (928-855-4555)**

Mohave County

Board Approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost	\$ 8,425
Contingency ①	\$ 1,000
Architecture / Engineering (A&E)	\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection (structural and geo-tech)	\$ -
Total Additional Cost:	\$ -
Total SFB Funded Project Cost:	\$ 9,425
District Share (Local Funds):	\$ -
SFB Board Approved Amount:	\$ 9,425
Total Project Cost:	\$ 9,425

① Contingency may only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/10/2015 7:54:10 AM

Application ID: 1918

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Lake Havasu Unified District
Superintendent: Gail Malay
Contact Person: John Simpson
Contact Phone Number: 928-208-6457
Contact Email: jsimpson@havasus.k12.az.us
School Site: Thunderbolt Middle School
Buildings: 1001 Two story middle school

Application Title: Central plant MCC

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

(2) Electrical Buckets Have Failed on Motor Control Center. Age 26+ years.

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

There is no insurance coverage for this project

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Superintendent Printed Name

Superintendent Signature

Date



INDEPENDENT ELECTRIC SUPPLY INC
 1811 INDUSTRIAL BLVD
 LAKE HAVASU CITY, AZ 86403-3690
 928-855-8131
 Fax 928-855-4555

Acknowledgement

ORDER DATE	ORDER NUMBER
03/03/2015	S102226610
INDEPENDENT ELECTRIC SUPPLY INC 1811 INDUSTRIAL BLVD LAKE HAVASU CITY, AZ 86403-3690 928-855-8131 Fax 928-855-4555	
PAGE NO.	
1 of 1	

SOLD TO:

SHIP TO:

LAKE HAVASU SCHOOL DISTRICT
 2200 HAVASUPAI BLVD
 LAKE HAVASU CITY, AZ 86403-3798

LAKE HAVASU SCHOOL DIST PO P101593
 2200 HAVASUPAI BOULEVARD
 MAX LIMIT 20K EXP 6 30 15
 LAKE HAVASU CITY, AZ 86403-3798

CUSTOMER NUMBER		CUSTOMER PO NUMBER		JOB NAME / RELEASE NUMBER		ORDERED BY	
101814		Starter				Joe	
WRITER			SHIP VIA		REQUEST DATE		FREIGHT ALLOWED
Mark Vernon			WILL CALL		03/03/2015		No
ORDER QTY	AVAIL QTY	B/O QTY	DESCRIPTION			UNIT PRICE	EXT PRICE
2ea		2ea	GEB MA2F1AB1H025A TIER1 MTR CTRL ** NONSTOCK - NON-RETURNABLE **			3866.463/ea	7732.93
6ea		6ea	GEC CR123C250B HEATER ELEMENT HEATER			13.053/ea	78.32

NO FREIGHT COST

***** Freight and Miscellaneous Items may not be included *****
 No returns without prior approval. All returns must be accompanied by a copy of the invoice and are subject to a restocking charge. No returns allowed on non-stock items or cut wire. Complete terms and conditions of sale are included on the IES website at <http://www.iesupply.com/about/termsofsale/>

***** TAX IS BILLED AT TAX RATE AT TIME OF SHIPMENT *****

Subtotal	7811.25
S&H Charges	0.00
Tax	613.18
Amount Due	8424.43

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 Building Renewal Grant Fund

District: **Lake Havasu Unified**
 Project Number: **080201103-1001-014BRG**
 Project Description: **Replace package heat pump**
 Architect of Record: **n/a**
 Contractor: **Air Control (928-680-0600)**

Mohave County

Board Approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost	\$ 7,652
Contingency ①	\$ 1,000
Architecture / Engineering (A&E)	\$ 2,500
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection (structural and geo-tech)	\$ -
Total Additional Cost:	\$ 2,500
Total SFB Funded Project Cost:	\$ 11,152
District Share (Local Funds):	\$ -
SFB Board Approved Amount:	\$ 11,152
Total Project Cost:	\$ 11,152

① Contingency may only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/6/2015 1:41:03 PM

Application ID: 1909

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Lake Havasu Unified District

Superintendent: Gail Malay

Contact Person: John Simpson

Contact Phone Number: 928-208-6457

Contact Email: jsimpson@havasu.k12.az.us

School Site: Havasupai Elementary School

Buildings: 9999 School Wide

Application Title: A/C Failure

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Replace 4 ton package unit due to complete failure. age 23+ years

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

There is no insurance coverage for this unit.

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Superintendent Printed Name

Superintendent Signature

Date

Master

REQUEST FOR QUOTE

Lake Havasu School District #1

2200 Havasupai Blvd

Lake Havasu City, AZ 86403

We are inviting you to bid on the following project.

Project description:

Replacement of a/c unit from attached scope. Any and all taxes, crane, or miscellaneous items need to be included in quote in an itemized fashion.

Contact Information

<u>Maintenance Supervisor</u>	928-208-6457	John Simpson [ssimpson@havasus.k12.az.us]
HVAC	928-208-9060	Shane Bolinger [sbolinger@havasus.k12.az.us]
HVAC	928-208-3534	Chris Proulx [cproulx@havasus.k12.az.us]
Office	928-505-6918	Kari Kewish [kkewish@havasus.k12.az.us]
Fax	928-505-6996	

Havasupai

BRG 1909

Hicks Heating + Cooling	No Bid
Air Control	7,652.00
London Bridge	8,854.35

Scope

Project Name: Havasupai Elementary-Room 112 (4 ton package unit)

Project Address: Havasupai Elementary School

880 Cashmere Dr.

Lake Havasu City, AZ 86403

Date: March 24, 2015

Client: Lake Havasu School District #1

2200 Havasupai Blvd

Lake Havasu City, AZ 86403

HVAC TO INCLUDE

- Hail guards
- Modulating economizer with CO2 outside air control (demand control ventilation)

ELECTRICAL

- Replace fused disconnect and whip (sized according to new unit)
- Reinstall existing controls.

PLUMBING

- Install new condensate (tie into existing)
- New gas piping if required.

HVAC PROPOSAL



2571 N. KIOWA BLVD., LAKE HAVASU CITY, AZ 86403
 Lake Havasu City (928) 680-0600 Fax: (928) 680-6513
 B.H.C. 704-2835 Parker 669-0080 Kingman 718-1111



Res Lic #ROC105758 Comm. Lic #ROC105754

CUSTOMER INFORMATION		Customer email:	
Lake Havasu Unified School District #1		Havasupai Elementary, 880 Cashemre Drive	
NAME		STREET ADDRESS	
Lake Havasu City, AZ		86404	928-208-3534
CITY	STATE	ZIP CODE	PHONE

SCOPE OF WORK		COMPLETE EACH BOX WITH YES, NO, OR N/A (NOT APPLICABLE)	
EPA Lead Paint Regulation Compliance		Refrigerant and refrigerant Lines	
Yr. of home construction:	N/A	Install and connect new refrigerant lines	N/A
Fee Assessed for testing and amount	N/A	Reconnect existing refrigerant lines	N/A
Outdoor Unit		Comfort Controls	
New outdoor unit pad? If NO, use existing pad	NO	Reconnect existing thermostat	YES
Duct System		Install new thermostat	
Ductwork is properly sized @ 400 cfm per ton	N/A	Old Equipment	
Reconnect existing ductwork to new equipment	YES	Remove old equipment from jobsite	YES
Ductwork modifications are needed (see notes)	N/A	Remove old ductwork from jobsite	N/A
Indoor Unit (air handler or furnace)		Electrical	
Reconnect to existing condensate	DRAIN	Reconnect existing electrical at indoor unit	YES
Overflow pan	YES	Reconnect existing electrical at outdoor unit	YES
New condensate	NA	New indoor electrical included in proposal	NO
	NO	New outdoor electrical included in proposal	NO
Reconnect existing flue piping	N/A	Electrical upgrade needed. See Special Notes	N/A
New flue piping venting through	N/A	Circle any existing components of the HVAC system that will be reconnected and used: FURNACE; AIR-CONDITIONER;	
Reconnect to existing gas or fuel line	N/A	HEAT PUMP; COIL; AIR HANDLER	
New gas or fuel line. See Notes:	N/A	Identify all permits needed under special notes	

SYSTEM DESIGN				
Split AC/Furnace	Split Heat Pump	Package Gas/ Elect	Package heat Pump	Ducting Only
Existing System Info:	4.0 Ton Carrier, Package Gas Electric		Recommended Options: (Not Included)	

WARRANTY	System 1	System 2	System 3
Model			
Compressor	5		
Outdoor Coil	1		
Parts	1		
Labor	1		

Notes:
 System One: The installation of a 4.0 ton Carrier, package gas electric system with new electrical disconnect and whip, new rooftop gas piping, new rooftop copper condensate drains, hail guards, modulating economizer with CO2 outside air control, crane, labor, materials, and tax.
 New unit will be tied to existing thermostat and existing duct system.
 Tax is paid at source.

System Pricing			
Jamie Jensen	04/10/2015		
Dealer Authorized Signature	Date	System 1 Total	\$7,652.00
Customer acknowledges acceptance of the proposal		System 2 Total	
		System 3 Total	
Customer Signature	Date	Payment Terms:	100% Due at Completion
This Proposal will be VALID for a period of 30 days from the date of proposal			

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Lake Havasu Unified**
 Project Number: **080201103-1005-015BRG**
 Project Description: **Replace package heat pump**
 Architect of Record: **n/a**
 Contractor: **Air Control (928-680-0600)**

Mohave County

Board Approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost	\$ 8,324
Contingency ①	\$ 1,000
Architecture / Engineering (A&E)	\$ 2,500
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection (structural and geo-tech)	\$ -
Total Additional Cost:	\$ 2,500
Total SFB Funded Project Cost:	\$ 11,824
District Share (Local Funds):	\$ -
SFB Board Approved Amount:	\$ 11,824
Total Project Cost:	\$ 11,824

① Contingency may only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/12/2015 7:21:19 AM

Application ID: 1920

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Lake Havasu Unified District

Superintendent: Gail Malay

Contact Person: John Simpson

Contact Phone Number: 928-208-6457

Contact Email: jsimpson@havasus.k12.az.us

School Site: Havasupai Elementary School

Buildings: 1005 R4

Application Title: HVAC replacenment

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Heat pump Rm. 148 has failed completely 23+ years

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

There is no insurance to cover this project

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Superintendent Printed Name

Superintendent Signature

Date

Master
REQUEST FOR QUOTE

Lake Havasu School District #1

2200 Havasupai Blvd

Lake Havasu City, AZ 86403

We are inviting you to bid on the following project.

Project description:

Replacement of a/c unit from attached scope. Any and all taxes, crane, or miscellaneous items need to be included in quote in an itemized fashion.

Contact Information

Maintenance Supervisor 928-208-6457 John Simpson [ssimpson@havasu.k12.az.us]

HVAC 928-208-9060 Shane Bolinger [sbolinger@havasu.k12.az.us]

HVAC 928-208-3534 Chris Proulx [cproulx@havasu.k12.az.us]

Office 928-505-6918 Kari Kewish [kkewish@havasu.k12.az.us]

Fax 928-505-6996

Havasupai
Brg 1920

Hicks Heating & Cooling
Air Control
London Bridge

No Bid
8,324.00
9,029.01

Scope

Project Name: Havasupai Elementary-Room 148 (4 ton package unit)

Project Address: Havasupai Elementary School

880 Cashmere Dr.

Lake Havasu City, AZ 86403

Date: March 24, 2015

Client: Lake Havasu School District #1

2200 Havasupai Blvd

Lake Havasu City, AZ 86403

HVAC TO INCLUDE

- Hail guards
- Modulating economizer with CO2 outside air control (demand control ventilation)

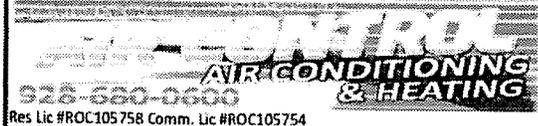
ELECTRICAL

- Replace fused disconnect and whip (sized according to new unit)
- Reinstall existing controls.

PLUMBING

- Install new condensate (tie into existing)
- New gas piping if required.

HVAC PROPOSAL



2571 N. KIOWA BLVD., LAKE HAVASU CITY, AZ 86403
 Lake Havasu City (928) 680-0600 Fax: (928) 680-6513
 B.H.C. 704-2835 Parker 669-0080 Kingman 718-1111



Res Lic #ROC105758 Comm. Lic #ROC105754

CUSTOMER INFORMATION		Customer email:	
Lake Havasu Unified School District #1		Havasupai Elementary, 880 Cashemre Drive	
NAME		STREET ADDRESS	
Lake Havasu City, AZ		86404	928-208-3534
CITY	STATE	ZIP CODE	PHONE

SCOPE OF WORK			
COMPLETE EACH BOX WITH YES, NO, OR N/A (NOT APPLICABLE)			
EPA Lead Paint Regulation Compliance		Refrigerant and refrigerant Lines	
Yr. of home construction:	N/A	Install and connect new refrigerant lines	N/A
Fee Assessed for testing and amount	N/A	Reconnect existing refrigerant lines	N/A
Outdoor Unit		Comfort Controls	
New outdoor unit pad? If NO, use existing pad	NO	Reconnect existing thermostat	YES
Duct System		Install new thermostat	
Ductwork is properly sized @ 400 cfm per ton	N/A	Old Equipment	
Reconnect existing ductwork to new equipment	YES	Remove old equipment from jobsite	YES
Ductwork modifications are needed (see notes)	N/A	Remove old ductwork from jobsite	N/A
Indoor Unit (air handler or furnace)		Electrical	
Reconnect to existing condensate	DRAIN	Reconnect existing electrical at indoor unit	YES
Overflow pan	YES	Reconnect existing electrical at outdoor unit	YES
New condensate	NA	New indoor electrical included in proposal	NO
	NO	New outdoor electrical included in proposal	NO
Reconnect existing flue piping	N/A	Electrical upgrade needed. See Special Notes	N/A
New flue piping venting through	N/A	Circle any existing components of the HVAC system that will be reconnected and used: FURNACE; AIR-CONDITIONER; HEAT PUMP; COIL; AIR HANDLER	
Reconnect to existing gas or fuel line	N/A	Identify all permits needed under special notes	
New gas or fuel line. See Notes:	N/A		

SYSTEM DESIGN				
Split AC/Furnace	Split Heat Pump	Package Gas/ Elect	Package heat Pump	Ducting Only
Existing System Info:	4.0 Ton Carrier, Package Heat Pump		Recommended Options:	(Not Included)
HP-1				

WARRANTY	System 1	System 2	System 3
Model			
Compressor	5		
Outdoor Coil	1		
Parts	1		
Labor	1		

Notes:
 System One: The installation of a 4.0 ton Carrier, package heat pump system with new electrical disconnect and whip, new sheet metal stand and transition, new rooftop copper condensate drains, hail guards, modulating economizer with CO2 outside air control, crane, labor, materials, and tax.

New unit will be tied to existing thermostat and existing duct system.
 Tax is paid at source.

System Pricing			
Jamie Jensen	04/10/2015		
Dealer Authorized Signature	Date	System 1 Total	\$8,324.00
Customer acknowledges acceptance of the proposal		System 2 Total	
		System 3 Total	
Customer Signature	Date	Payment Terms:	100% Due at Completion
This Proposal will be VALID for a period of 30 days from the date of proposal			

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Lake Havasu Unified**
 Project Number: **080201104-1003-016BRG**
 Project Description: **Replace package heat pump**
 Architect of Record: **n/a**
 Contractor: **London Bridge Air Services (928-854-1825)**

Mohave County

Board Approval: **5/6/2015**

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost	\$ 9,156
Contingency ①	\$ 1,000
Architecture / Engineering (A&E)	\$ 2,500
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection (structural and geo-tech)	\$ -
Total Additional Cost:	\$ 2,500
Total SFB Funded Project Cost:	\$ 12,656
District Share (Local Funds):	\$ -
SFB Board Approved Amount:	\$ 12,656
Total Project Cost:	\$ 12,656

① Contingency may only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/12/2015 7:26:15 AM

Application ID: 1921

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Lake Havasu Unified District
Superintendent: Gali Malay
Contact Person: John Simpson
Contact Phone Number: 928-208-6457
Contact Email: jsimpsonhavasus.k12.az.us
School Site: Starline Elementary School
Buildings: 1003 R10

Application Title: HVAC replavement

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Heat pump has completely failed age 20+ years

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

The district has no insurance to cover this project

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Superintendent Printed Name

Superintendent Signature

Date

Master
REQUEST FOR QUOTE

Lake Havasu School District #1
2200 Havasupai Blvd
Lake Havasu City, AZ 86403

We are inviting you to bid on the following project.

Project description:

Replacement of a/c unit from attached scope. Any and all taxes, crane, or miscellaneous items need to be included in quote in an itemized fashion.

Contact Information

<u>Maintenance Supervisor</u>	928-208-6457	John Simpson [ssimpson@havasus.k12.az.us]
HVAC	928-208-9060	Shane Bolinger [sbolinger@havasus.k12.az.us]
HVAC	928-208-3534	Chris Proulx [cproulx@havasus.k12.az.us]
Office	928-505-6918	Kari Kewish [kkewish@havasus.k12.az.us]
Fax	928-505-6996	

Starline
Big 1921

Hicks Heating & Cooling	No Bid
Air Control	9,882. ⁰⁰
London Bridge	9,155. ¹⁶

Scope

Project Name: Starline Elementary-Room 129 (4 ton package unit)

Project Address: Starline Elementary School

3150 Starline Dr.

Lake Havasu City, AZ 86406

Date: March 24, 2015

Client: Lake Havasu School District #1

2200 Havasupai Blvd

Lake Havasu City, AZ 86403

HVAC TO INCLUDE

- Hail guards
- Modulating economizer with CO2 outside air control (demand control ventilation)

ELECTRICAL

- Replace fused disconnect and whip (sized according to new unit)
- Reinstall existing controls.

PLUMBING

- Install new condensate (tie into existing)
- New gas piping if required.

LONDON BRIDGE AIR
SERVICES LLC

2739 Kiowa Blvd. N 102
Lake Havasu City, AZ
86404

LIC # ROC192642 K-39

Phone # (928) 854-1825

Fax # (928) 453-9731



Proposal

Date	Proposal #
4/13/2015	808

Lake Havasu Unified School District
2200 Havasupai Blvd.
Lake Havasu City, AZ 86404

Project	
Starline room 129	
Description	Total
Starline room 129 estimate. The removal of existing air conditioning and heating system and the installation of one Trane/American Standard 13 seer 5 ton Heat Pump with hail guards installation will include unit, new, curb, drain line above the roof line, new fusable disconnect with fuses, modulating economizer with CO2 outside air control, new condensate, gas piping if required, new high voltage power whip, crane lift and all labor needed to complete the installation. Installation includes: 1- New Trane/American Standard 5 ton 13 seer heat pump package unit with hail guards 1-modulating economizer with CO2 outside air control 1-fusable disconnect with fuses 1- duct adapting as needed 1-new condensate tying into existing 1-new gas piping if needed 1-high voltage wiring with power whip 1-new drain line above roof 1-crane	8,746.48
Tax	408.68
Sales Tax	0.00
Subtotal \$9,155.16	
Total \$9,155.16	

Signature & Date _____

Signature & Date _____

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Litchfield Elementary**
 BRG Project Number: 070479107-1003-002BRG
 Project Description: Replace HVAC compressor
 Consultant: n/a
 Contractor: Midstate Mechanical (602-452-8800)

Maricopa County

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:	\$ 1,976
Contingency ①	\$ 200
Additional Cost:	
Architecture / Engineering (A&E) Fees	\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ -
Total SFB Funded Project Cost:	\$ 2,176
District or Local Funds:	\$ -
SFB Board Approved Amount:	\$ 2,176
Total Project Cost:	\$ 2,176

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date:

Application ID: 1958

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Litchfield Elementary District
Superintendent: DR. Julianne Lein
Contact Person: Jack Cheatham
Contact Phone Number: 623 535 6065
Contact Email: cheatham@lesd.k12.az.us
School Site: Wigwam Creek Middle School
Buildings: 1003 Bldg 300

Application Title: Compressor replacment Girls locker room.

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Replace inoperable compressor, drier, stalner and contactor on a Carrier heat pump that is 12 years old.
Carrier M# 50TFQ007---611-- S# 1002g50183.

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Julianne Lein

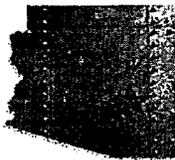
Superintendent Printed Name

Julianne Lein

Superintendent Signature

30 Mar 15

Date



**MIDSTATE
Mechanical**

Office:602-452-8800

Fax:602-452-8777

Proposal

Date: 3/27/2015
To: Jack Cheatham
Of: Wigwam Creek School
4510 N. 127th Ave Litchfield
FAX: cheatham@lesd.k12.az.us
Re: Compressor Replacement Girl's Locker Room

Total Pages, Including Cover: 1

Midstate will remove & replace compressor, contactor, check valves and driers. Carrier M/N-50TFQ007-611 S/N-1902G50183 was found without any refrigerant pressure. This proposal includes parts, labor and fee's applicable to work performed. We will reconnect all electrical service and controls, restore to operation and test. Midstate will then ensure all work areas are clean.

This proposal excludes any additional items that may become evident as a result of any work performed as outlined above. This proposal will become invalid after 30 days. We will complete these proposed repairs for the amount:

Sales Total: \$1,976

Thank you for the opportunity to provide this service to your organization.

Paul Lopez

Paul Lopez
Service Coordinator
Midstate Mechanical

Printed Name

PO#:

Signature

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting date: May 6, 2015

Agenda Item VI.e.

Subject: VI. Building Renewal Grant Requests

e. Consideration and possible vote to accept, reject or modify Building Renewal Grant Requests (construction awards)

**Mesa Unified (5 requests)
Mohave Valley Elementary
Palo Verde Elementary
Pine Strawberry Elementary
San Simon Unified (2 requests)
Tucson Unified**

Background – Mesa Unified (Mesa HS – roof replacement)

Mesa Unified has submitted a Building Renewal Grant request to replace the roof systems on Building 1003 at Mesa High School.

Mesa Unified has 90 schools. Mesa High School is comprised of 26 buildings constructed between 1973 and 2012, totaling 360,774 square feet. Building 1003 was built in 1973, totaling 32,137 square feet.

Staff has walked the roofs and agrees with the need for replacement. The failure of the single ply roof mentioned in the report was caused by hail damage which will be considered an insurance claim and is not included in this grant.

The district has already paid for the roof investigation that included structural review and design of the roofs at a cost of \$7,300. The design documents are complete and the estimate for the roof replacement is as follows:

Construction Administration	\$1,500
Roof Consultant's Inspection	\$10,080
Estimated Construction Cost	\$174,350
<u>Contingency</u>	<u>\$20,000</u>
Total:	\$205,930

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation– Mesa Unified (Mesa HS – roof replacement)

Staff recommends that Mesa Unified be awarded \$205,930 in Building Renewal Grant funding to replace the roofing on Building 1003 at Mesa High School. This includes \$20,000 in contingency that will only be used with SFB staff approval.

Background – Mesa Unified (Red Mountain HS – roof restoration)

Mesa Unified has submitted a Building Renewal Grant request to replace the roof system on Building 1002 at Red Mountain High School.

Mesa Unified has 90 schools. Red Mountain High School is comprised of 20 buildings constructed between 1971 and 2012, totaling 357,573 square feet. Building 1002 was built in 1987, totaling 35,388 square feet.

The district has already paid for the roof investigation that included structural review and design of the roofs at a cost of \$4,900. Staff walked the roof and believes they can be restored rather than replaced. The district received a proposal for professional services to provide construction administration and a construction estimate for the restoration with a 10-year warranty.

Architect's Construction Administration (estimate)	\$1,500
Roof Consultant's Inspections	\$6,380
Estimated Construction Cost (\$3.00/sf)	\$127,168
Contingency	\$20,000
Total:	\$155,048

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation– Mesa Unified (Red Mountain HS – roof restoration)

Staff recommends that Mesa Unified be awarded \$155,048 in Building Renewal Grant funding to restore the roofing on Building 1002 at Red Mountain High School. This includes \$20,000 in contingency that will only be used with SFB staff approval.

Background – Mesa Unified (Riverview HS – roof replacement)

Mesa Unified has submitted a Building Renewal Grant request to replace the roof systems on Building 1001 at Riverview High School.

Mesa Unified has 90 schools. Riverview High School is comprised of 21 buildings constructed between 1983 and 2001, totaling 38,023 square feet. Building 1001 was built in 1985, totaling 1,876 square feet.

The district has already paid for the roof investigation that included structural review and design of the roof at a cost of \$6,300. Staff has walked the roofs and agrees with the need for replacement. The design documents are complete and the construction estimate is as follows.

Construction Administration	\$1,000
Roof Consultant's Inspection	\$1,480
Estimated Construction Cost	\$26,025
Contingency	\$5,000
Total funding:	\$33,505

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation– Mesa Unified (Riverview HS – roof replacement)

Staff recommends that Mesa Unified be awarded \$33,505 in Building Renewal Grant funding to replace the roof on Building 1001 at Riverview High School. This includes \$5,000 in contingency that will only be used with SFB staff approval.

Background – Mesa Unified (Washington ES – roof replacement)

Mesa Unified has submitted a Building Renewal Grant request to replace the roof systems on Buildings 1002, 1003, 1004 and 1005 at Washington Elementary School.

Mesa Unified has 90 schools. Washington Elementary School is comprised of 13 buildings constructed between 1974 and 2008, totaling 54,300 square feet. Below is a breakdown of the buildings.

Building No.	Year Built	Square Footage
1002	1974	8,247
1003	1974	8,247
1004	1974	8,247
1005	1974	8,919
	Total:	33,660

The district has already paid for the roof investigation that included structural review and design of the roofs at a cost of \$7,900. The existing upper roofs allow water to pond when it rains. The structural engineer could not find any structural issues caused by the ponding water. The weight of the ponding water is below the structural design for load built into the roof. The existing roof has been in place for 21 years and has not failed.

However, the lower roofs have failed and need to be replaced. The design documents are complete and staff agrees with the scope of work. The engineer's estimate is as follows:

Construction Administration	\$1,500
Roof Consultant's Inspection	\$8,600
Estimated Construction Cost	\$262,860
<u>Contingency</u>	<u>\$25,000</u>
Total:	\$297,960

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation– Mesa Unified (Washington ES – roof replacement)

Staff recommends that Mesa Unified be awarded \$297,960 in Building Renewal Grant funding to replace the roofing on Buildings 1002, 1003, 1004 and 1005 at Washington Elementary School. This includes \$25,000 in contingency that will only be used with SFB staff approval.

Background – Mesa Unified (Webster ES – roof restoration)

Mesa Unified has submitted a Building Renewal Grant request to replace the roof systems on the cafeteria/kitchen/media roof on Buildings 1001 and 1006 at Webster Elementary School.

Mesa Unified has 90 schools. Webster Elementary School is comprised of 17 buildings constructed between 1959 and 2002, totaling 88,553 square feet. Building 1001 was built in 1959, totaling 8,774 square feet and Building 1006 was built in 1970, totaling 3,712 square feet, for a total of 12,486 square feet.

The district has already paid for the roof investigation that included structural review and design of the roofs at a cost of \$9,300. Staff walked the roofs and believes they can be restored rather than replaced. The district received a proposal for professional services to provide construction administration and a construction estimate for the restoration with a 10-year warranty.

Construction Administration	\$2,000
Roof Consultant's Inspection	\$7,860
Estimated Construction Cost	\$97,432
<u>Contingency</u>	<u>\$10,000</u>
Total:	\$117,292

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation– Mesa Unified (Webster ES – roof restoration)

Staff recommends that Mesa Unified be awarded \$117,292 in Building Renewal Grant funding to restore the roofs on Buildings 1001 and 1006 at Webster Elementary School. This includes \$10,000 in contingency that will only be used with SFB staff approval.

Background – Mohave Valley Elementary (Mohave Valley ES – roof repair)

Mohave Valley Elementary has submitted a Building Renewal Grant request to repair the gym roof on Building 1018 at Mohave Valley Elementary School.

Mohave Valley Elementary, located 180 miles northwest of Phoenix along the Colorado River, has four schools. Mohave Valley Elementary is comprised of 19 buildings constructed between 1964 and 1998, totaling 83,637 square feet. Building 1018 was built in 1976, totaling 17,850 square feet.

SFB staff visited the site and agrees with the need for this repair. The district received a proposal for \$3,900 for the repair of this pre-engineered metal building roof.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Mohave Valley Elementary (Mohave Valley ES – roof repair)

Staff recommends that Mohave Valley Elementary be awarded \$4,900 in Building Renewal Grant funding to repair the roof on Building 1018 at Mohave Valley Elementary School. This includes \$1,000 in contingency that will only be used with SFB staff approval.

Background – Palo Verde Elementary (Palo Verde ES – replace exterior double doors)

Palo Verde Elementary has submitted a Building Renewal Grant request to replace the exterior double doors at the multi-purpose Building 1009 at Palo Verde Elementary School.

Palo Verde Elementary, located 40 miles west of Phoenix, has one school. Palo Verde Elementary School is comprised of eighteen buildings constructed between 1955 and 2012, totaling 66,790 square feet. Building 1009 was built in 1955, totaling 8,068 square feet.

SFB staff visited the school and found the doors non-functional due to age. The district received proposals for replacement of the exterior double doors for \$3,905.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Palo Verde Elementary (Palo Verde ES – replace exterior double doors)

Staff recommends that Palo Verde Elementary be awarded \$5,000 in Building Renewal Grant funding to replace the exterior double doors on the multi-purpose Building 1009 at Palo Verde Elementary School. This includes \$1,095 in contingency that will only be used with SFB staff approval.

Background – Pine Strawberry Elementary (Pine Strawberry ES – repair steps)

Pine Strawberry Elementary has submitted a Building Renewal Grant request to repair steps leading from the gymnasium to the cafeteria Building 1002 at Pine Strawberry Elementary School.

Pine Strawberry Elementary, located 100 miles northwest of Phoenix, has one school. Pine Strawberry Elementary School is comprised of eight buildings constructed between 1917 and 1989, totaling 66,745 square feet. Building 1002 was built in 1989, totaling 16,489 square feet.

Staff visited the school site, inspected the steps and found them to be a tripping hazard and a safety concern. The district received a low proposal to repair the steps in the amount of \$2,887.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Pine Strawberry Elementary (Pine Strawberry ES – repair steps)

Staff recommends that Pine Strawberry Elementary be awarded \$4,000 in Building Renewal Grant funding to repair the steps at the gymnasium/cafeteria Building 1002 at Pine Strawberry Elementary School. This includes \$1,113 in contingency that will only be used with SFB staff approval.

Background – San Simon Unified (San Simon ES – replace four HVAC package units)

San Simon Unified has submitted a Building Renewal Grant request to replace four HVAC package units on classroom Building 1009 at San Simon School.

San Simon Unified, located 120 miles east of Tucson, has one school. San Simon School is comprised of eleven buildings constructed between 1939 and 1996, totaling 45,061 square feet. Building 1009 was built in 1939, totaling 18,296 square feet.

Staff visited the school site, inspected the HVAC units and found them in need of replacement. The district received a proposal for design for \$8,500 and an estimated construction cost of \$40,000.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – San Simon Unified (San Simon ES – replace four HVAC package units)

Staff recommends that San Simon Unified be awarded \$58,500 in Building Renewal Grant funding to replace four HVAC package units on Building 1009 at San Simon School. This includes \$10,000 in contingency that will only be used with SFB staff approval.

Background – San Simon Unified (San Simon ES – roof repair)

San Simon Unified has submitted a Building Renewal Grant request to repair the roof on classroom Building 1009 and vocational Building 1004 at San Simon School.

San Simon Unified, located 120 miles east of Tucson, has one school. San Simon School is comprised of eleven buildings constructed between 1939 and 1996, totaling 45,061 square feet. Building 1009 was built in 1939, totaling 18,296 square feet and Building 1004 was built in 1969, totaling 3,137 square feet, for a total of 21,433 square feet.

Staff visited the school site, inspected the roofs found them in need of extensive rehabilitation and repair. The district received the lowest proposal of \$94,000 for the repairs; this includes structural engineering.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – San Simon Unified (San Simon ES – roof repair)

Staff recommends that San Simon Unified be awarded \$104,000 in Building Renewal Grant funding for roof repairs on Buildings 1009 and 1004 at San Simon School. This includes \$10,000 in contingency that will only be used with SFB staff approval.

Background – Tucson Unified (Cholla Magnet HS – replace water heaters)

Tucson Unified has submitted a Building Renewal Grant request for the replacement of two water heaters in Building 1001 at Cholla Magnet High School.

Tucson Unified has 111 schools. Cholla Magnet High School is comprised of 12 buildings constructed between 1967 and 1992, totaling 304,384 square feet. Building 1001 was built in 1968, totaling 186,277 square feet.

The district received a proposal of \$68,158 for construction and \$2,200 in professional design fees replacement with a tankless water heating system.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Tucson Unified (Cholla Magnet HS – replace water heaters)

Staff recommends that Tucson Unified be awarded \$77,400 in Building Renewal Grant funding for replacement of the water heaters in Building 1001 at Cholla Magnet High School. This includes \$7,042 in contingency that will only be used with SFB staff approval.

Board Action Requested: [] information [X] action / described below

1. Board approval of the staff recommendation that **Mesa Unified** be awarded \$205,930 in Building Renewal Grant funding to replace the roofing on Building 1003 at Mesa High School. This includes \$20,000 in contingency that will only be used with SFB staff approval.
2. Board approval of the staff recommendation that **Mesa Unified** be awarded \$155,048 in Building Renewal Grant funding to restore the roofing on Building 1002 at Red Mountain High School. This includes \$20,000 in contingency that will only be used with SFB staff approval.
3. Board approval of the staff recommendation that **Mesa Unified** be awarded \$33,505 in Building Renewal Grant funding to replace the roof on Building 1001 at Riverview High School. This includes \$5,000 in contingency that will only be used with SFB staff approval.
4. Board approval of the staff recommendation that **Mesa Unified** be awarded \$297,960 in Building Renewal Grant funding to replace the roofing on Buildings 1002, 1003, 1004 and 1005 at Washington Elementary School. This includes \$25,000 in contingency that will only be used with SFB staff approval.
5. Board approval of the staff recommendation that **Mesa Unified** be awarded \$117,292 in Building Renewal Grant funding to restore the roofs on Buildings 1001 and 1006 at Webster Elementary School. This includes \$10,000 in contingency that will only be used with SFB staff approval.
6. Board approval of the staff recommendation that **Mohave Valley Elementary** be awarded \$4,900 in Building Renewal Grant funding to repair the roof on Building 1018 at Mohave Valley Elementary School. This includes \$1,000 in contingency that will only be used with SFB staff approval.
7. Board approval of the staff recommendation that **Palo Verde Elementary** be awarded \$5,000 in Building Renewal Grant funding to replace the exterior double doors on the multi-purpose Building 1009 at Palo Verde Elementary School. This includes \$1,095 in contingency that will only be used with SFB staff approval.
8. Board approval of the staff recommendation that **Pine Strawberry Elementary** be awarded \$4,000 in Building Renewal Grant funding to repair the steps at the gymnasium/cafeteria Building 1002 at Pine Strawberry Elementary School. This includes \$1,113 in contingency that will only be used with SFB staff approval.
9. Board approval of the staff recommendation that **San Simon Unified** be awarded \$58,500 in Building Renewal Grant funding to replace four HVAC package units on Building 1009 at San Simon School. This includes \$10,000 in contingency that will only be used with SFB staff approval.
10. Board approval of the staff recommendation that **San Simon Unified** be awarded \$104,000 in Building Renewal Grant funding for roof repairs on Buildings 1009 and 1004 at San Simon School. This includes \$10,000 in contingency that will only be used with SFB staff approval.

11. Board approval of the staff recommendation that **Tucson Unified** be awarded \$77,400 in Building Renewal Grant funding for replacement of the water heaters in Building 1001 at Cholla Magnet High School. This includes \$7,042 in contingency that will only be used with SFB staff approval.

Attachments: Yes [X] No []

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Mesa Unified**
 BRG Project Number: 070204271-1003-008BRG Maricopa County
 Project Description: **Roof replacement**
 Consultant: Brock, Craig and Thacker Architects, LTD. (480-969-3081)
 Contractor: TBD

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 174,350
Contingency ①		\$ 20,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 1,500
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 10,080
Testing & Inspection		\$ -
Total Additional Cost:		\$ 11,580
Total SFB Funded Project Cost:		\$ 205,930
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 205,930
Total Project Cost:		\$ 205,930

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/19/2015 1:51:12 PM

Application ID: 1941

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Mesa Unified District

Superintendent: Dr. Michael Cowan

Contact Person: Todd Poer

Contact Phone Number: 928-595-1400

Contact Email: ftpoer@mpsaz.org bksylvester@mpsaz.org remichal@mpsaz.org

School Site: Mesa High School

Buildings: 1003 A3000

Application Title: Request to replace failing roof on Auditorium

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

The existing Auditorium roof is Tremco, BURmastic 100 Roof systems, installed in 1992 with a 10 year warranty. The condition of these roofs are poor in some areas and have failed in other. There are splits in the roof membrane. The upper Auditorium roof is a single ply that is in poor/failed condition. The age of this single ply is approximately 15 to 17 years old and the warranty would have been 15 years. The roofing specifications will be sent to Pat Cruse separately due to file size.

Project Category: Roofing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Failure is not due to theft, vandalism, or wind, therefore, it is not covered by insurance.

The Mesa School District has paid for and obtained Architect's roof inspection report, roof consultant's inspection report and engineer's structural analysis towards our contribution for this grant application with a cost of \$7,300.00.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

3/26/2015 1:28:29 PM

1

Application ID: 1941

Carson Jr. High Auditorium Roof Repairs:

Existing PO 507579 for services thru construction documents:	\$4,700.00
Requested amendment to add construction administration:	<u>\$1,500.00</u>
	\$6,200.00

Webster Elementary Media Center, Cafeteria & Walkway Canopy Roof Repairs:

Existing PO 507039 for Media Center services thru construction documents:	\$4,300.00
Requested amendment to add:	
Structural Investigation at Walkway Canopy:	\$3,000.00
Construction Documents for Cafeteria & canopy	\$2,000.00
Construction Administration (all 3 areas):	<u>\$2,000.00</u>
	\$11,300.00

Keller Elementary Portables Reroof:

Structural investigation & report:	\$2,500.00
Construction Documents:	\$2,600.00
Construction Administration:	<u>\$ 750.00</u>
	\$5,850.00



Mesa High School Auditorium Roof Repairs:

Roof Investigation & Construction Documents:	\$7,300.00	<u>DISTRICT FUNDING</u>
Construction Administration:	<u>\$1,500.00</u>	<u>REQUEST SFB FUNDING</u>
	\$6,400.00	

Red Mountain High School Auditorium Roof Repairs:

Roof Investigation & Construction Documents:	\$4,900.00
Construction Administration:	<u>\$1,500.00</u>
	\$6,400.00

Total All Projects: \$68,100.00

Note: No Mechanical, Plumbing or Electrical Engineering is included. Any printing or testing costs would be billed as reimbursable expenses.

Please call with any questions. If acceptable, please issue purchase orders for the various projects.

Sincerely,

James E. Craig, Jr., AIA

JEC/jc

Cc: Dennis Gearhart
Laura Tennyson

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Mesa Unified**
 BRG Project Number: 070204275-1002-009BRG Maricopa County
 Project Description: **Roof restoration**
 Consultant: Brock, Craig and Thacker Architects, LTD. (480-969-3081)
 Contractor: TBD

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 127,168
Contingency ①		\$ 20,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 1,500
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 6,380
Testing & Inspection		\$ -
Total Additional Cost:		\$ 7,880
Total SFB Funded Project Cost:		\$ 155,048
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 155,048
Total Project Cost:		\$ 155,048

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/19/2015 2:56:39 PM

Application ID: 1942

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Mesa Unified District
Superintendent: Dr. Michael Cowan
Contact Person: Todd Poer
Contact Phone Number: 928-595-1400
Contact Email: ftpoer@mpsaz.org bksylvester@mpsaz.org remichal@mpsaz.org
School Site: Red Mountain High School
Buildings: 1002 A2000

Application Title: Request to replace failing roof on Auditorium

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

This Auditorium roof is the original roof that was installed when the campus was built in 1988. The warranty was for (20) years after final acceptance.

Project Category: Roofing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Failure is not due to theft, vandalism, or wind, therefore, it is not covered by insurance.

The Mesa School District has paid for and obtained Architect's roof inspection report, roof consultant's inspection report and engineer's structural analysis towards our contribution for this grant application with a cost of \$7,300.00.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Michael B. Cowan
Superintendent Printed Name

Building Renewal Grant Application

Michael B. Cowan
Superintendent Signature

3/23/15
Date

Carson Jr. High Auditorium Roof Repairs:

Existing PO 507579 for services thru construction documents: \$4,700.00
Requested amendment to add construction administration: \$1,500.00
\$6,200.00

Webster Elementary Media Center, Cafeteria & Walkway Canopy Roof Repairs:

Existing PO 507039 for Media Center
services thru construction documents: \$4,300.00
Requested amendment to add:
Structural Investigation at Walkway Canopy: \$3,000.00
Construction Documents for Cafeteria & canopy \$2,000.00
Construction Administration (all 3 areas): \$2,000.00
\$11,300.00

Keller Elementary Portables Reroof:

Structural investigation & report: \$2,500.00
Construction Documents: \$2,600.00
Construction Administration: \$ 750.00
\$5,850.00

Mesa High School Auditorium Roof Repairs:

Roof Investigation & Construction Documents: \$7,300.00 DISTRICT FUNDING
Construction Administration: \$1,500.00 REQUEST SFB FUNDING
\$6,400.00

* Red Mountain High School Auditorium Roof Repairs:

Roof Investigation & Construction Documents: \$4,900.00 * DISTRICT FUNDING
Construction Administration: \$1,500.00 * SFB REQUEST
\$6,400.00

Total All Projects: \$68,100.00

Note: No Mechanical, Plumbing or Electrical Engineering is included. Any printing or testing costs would be billed as reimbursable expenses.

Please call with any questions. If acceptable, please issue purchase orders for the various projects.

Sincerely,



James E. Craig, Jr., AIA

JEC/jc

Cc: Dennis Gearhart
Laura Tennyson

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 Building Renewal Grant Fund

District: **Mesa Unified**
 BRG Project Number: 070204184-1001-010BRG Maricopa County
 Project Description: **Roof replacement**
 Consultant: Brock, Craig and Thacker Architects, LTD. (480-969-3081)
 Contractor: TBD

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:	\$ 26,025
Contingency ①	\$ 5,000
Additional Cost:	
Architecture / Engineering (A&E) Fees	\$ 1,000
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ 1,480
Testing & Inspection	\$ -
Total Additional Cost:	\$ 2,480
Total SFB Funded Project Cost:	\$ 33,505
District or Local Funds:	\$ -
SFB Board Approved Amount:	\$ 33,505
Total Project Cost:	\$ 33,505

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/19/2015 9:27:42 AM

Application ID: 1934

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Mesa Unified District

Superintendent: Dr. Michael Cowan

Contact Person: Todd Poer

Contact Phone Number: 928-595-1400

Contact Email: ftpoer@mpsaz.org bksylvester@mpsaz.org remichal@mpsaz.org

School Site: Riverview High School (formerly Mesa Vista High School)

Buildings: 1001 A1000

Application Title: Request to replace single ply roofing that has failed on kitchen building

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

The single ply roof system is failing. The seams are curling and there are several holes in roof membrane. Core samples were cut and removed. The Polysisocyanurate was damp and the metal skin of the portable was wet. Pat Cruse has walked this roof. The Specifications will be sent to Pat Cruse separately because of file size.

Please note that this campus was Mesa Vista High School and the name has changed to Riverview High School.

Project Category: Roofing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project	\$0.00
--	--------

Please outline any associated insurance coverage.

Failure is not due to theft, vandalism, or wind, therefore, it is not covered by insurance.

The Mesa School District has paid for and obtained Architect's roof inspection report, roof consultant's inspection report and engineer's structural analysis towards our contribution for this grant application.

December 9, 2014

Mr. Todd Poer
Director of Quality Control
Mesa Public Schools.
555 S. Lewis
Mesa, AZ 85210

Re: Architectural Services Proposal for Reroofing Projects

Dear Todd,

Thank you for the opportunity to submit a proposal for architectural services for reroofing projects at several District school sites. Our services would include site visits with evaluation reports on existing roof conditions, structural investigation and report (where required), construction drawings and specifications, cost estimates, bidding assistance and construction administration. Construction drawings and specifications would be compiled in one project manual, with itemized bids for each project.

Our proposed fees are listed below:

Robson Elementary Portables Reroof:

Existing PO 505295 for Structural Investigation:	\$2,500.00
Requested amendment to add construction documents and construction administration:	<u>\$2,600.00</u> <u>\$ 750.00</u>
	\$5,850.00

Washington Elementary Roof Remediation:

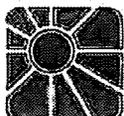
Existing PO 504187 for services thru construction documents:	\$7,900.00
Requested amendment to add construction administration:	<u>\$1,500.00</u>
	\$9,400.00

Field Elementary Roof Remediation:

Existing PO 504186 for services thru construction documents:	\$7,900.00
Requested amendment to add construction administration:	<u>\$1,500.00</u>
	\$9,400.00

Riverview HS Cafeteria Reroof:

Existing PO 506440 for services thru construction documents:	\$3,800.00	
Requested amendment to add:	} <u>DISTRICT FUNDED</u>	
Structural Investigation:		<u>\$2,500.00</u>
Construction Administration:		<u>\$1,000.00</u>
	<u>\$7,300.00</u> } <u>REQUEST FOR SEB FUNDING</u>	



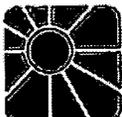
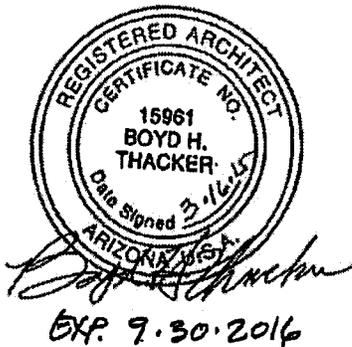
brock, craig and thacker architects, ltd.

daniel w. brock III, aia • james e. craig, jr., aia • boyd h. thacker, aia
145 e. university dr., suite 3, mesa, arizona 85201 • (480) 969-3081 • fax: (480) 969-8283

MPS ROOFING ESTIMATES

BCT PROJECT #1414 - 1421

Robson Elementary Portables	Base Bid	\$ 16,748.00
	Alt Bid	\$ 18,270.00
Washington Elementary	Base Bid	\$ 262,860.00
	Alt Bid	\$ 525,720.00
Riverview Cafeteria		\$ 26,025.00
Carson Auditorium		\$ 22,748.00
Webster Elementary		
Media Center	Base Bid	\$ 23,706.00
	Alt Bid	\$ 45,588.00
Multi-purpose Bldg	Base Bid	\$ 62,400.00
	Alt Bid	\$ 139,200.00
Media Center Canopy	Base Bid	\$ 11,326.00
	Alt Bid	\$ 12,550.00
Keller Elementary Portables	Base Bid	\$ 11,165.00
	Alt Bid	\$ 12,180.00



brock, craig and thacker architects, ltd.

James E. Craig Jr., AIA

145 E. University, Suite 3, Mesa, Arizona 85201 * (480) 969-3081 * bct@bctarchitects.net

Boyd H. Thacker, AIA

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Mesa Unified**
 BRG Project Number: 070204126-9999-011BRG Maricopa County
 Project Description: **Roof replacement**
 Consultant: Brock, Craig and Thacker Architects, LTD. (480-969-3081)
 Contractor: TBD

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:	\$ 262,860
Contingency ①	\$ 25,000
Additional Cost:	
Architecture / Engineering (A&E) Fees	\$ 1,500
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ 8,600
Testing & Inspection	\$ -
Total Additional Cost:	\$ 10,100
Total SFB Funded Project Cost:	\$ 297,960
District or Local Funds:	\$ -
SFB Board Approved Amount:	\$ 297,960
Total Project Cost:	\$ 297,960

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 8/22/2014 12:09:37 PM

Application ID: 1488

Resubmittal Date: 3/19/2015 7:11:56 AM

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Mesa Unified District
Superintendent: Dr. Michael Cowan
Contact Person: Todd Poer
Contact Phone Number: 928-595-1400
Contact Email: ftpoer@mpsaz.org bksylvester@mpsaz.org
School Site: Washington Elementary School

Buildings:

1002	A2000
1003	A3000
1004	A4000
1005	A5000

Application Title: Washington Elementary Roof Replacement

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

We have identified excessive ponding around the HVAC curbs on the C,D,E and Media Center Buildings at Washington Elementary School which causes a safety concern for the HVAC technicians working on Electrical and HVAC equipment while standing in water. This ponding is also going to deteriorate these areas prematurely. The mineral surface cap sheet on the entire roofing system on these four roofs have also failed causing water to penetrate through the cap sheet. Please note that the Roof Specifications will be sent to Pat Cruse separately because of file size.

Project Category: Roofing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project	\$5,000.00
--	------------

Please outline any associated insurance coverage.

December 9, 2014

Mr. Todd Poer
Director of Quality Control
Mesa Public Schools.
555 S. Lewis
Mesa, AZ 85210

Re: Architectural Services Proposal for Reroofing Projects

Dear Todd,

Thank you for the opportunity to submit a proposal for architectural services for reroofing projects at several District school sites. Our services would include site visits with evaluation reports on existing roof conditions, structural investigation and report (where required), construction drawings and specifications, cost estimates, bidding assistance and construction administration. Construction drawings and specifications would be compiled in one project manual, with itemized bids for each project.

Our proposed fees are listed below:

Robson Elementary Portables Reroof:	
Existing PO 505295 for Structural Investigation:	\$2,500.00
Requested amendment to add construction documents and construction administration:	\$2,600.00 <u>\$ 750.00</u> \$5,850.00
* Washington Elementary Roof Remediation:	
Existing PO 504187 for services thru construction documents:	\$7,900.00 <u>DISTRICT FUNDED</u>
Requested amendment to add construction administration:	<u>\$1,500.00</u> <u>REQUEST SFB FUNDING</u> \$9,400.00
Field Elementary Roof Remediation:	
Existing PO 504186 for services thru construction documents:	\$7,900.00
Requested amendment to add construction administration:	<u>\$1,500.00</u> \$9,400.00
Riverview HS Cafeteria Reroof:	
Existing PO 506440 for services thru construction documents:	\$3,800.00
Requested amendment to add: Structural Investigation:	\$2,500.00
Construction Administration:	<u>\$1,000.00</u> \$7,300.00



brock, craig and thacker architects, ltd.

daniel w. brock III, aia • james e. craig, jr., aia • boyd h. thacker, aia
145 e. university dr., suite 3, mesa, arizona 85201 • (480) 969-3081 • fax: (480) 969-8283

PROPOSAL

PROJECT IDENTIFICATION	
PROJECT NAME	Mesa Public School
PROJECT	Mesa High, Red Mountain High, Carson Junior High, Washington Elementary & Field Elementary
SITE ADDRESS	1630 E. Southern, 7301 E. Brown, 525 N. Westwood, 2260 W. Isabella & 2325 E. Adobe.

PROPOSAL

This proposal, dated this day of April 12, 2015, is between Mesa Public Schools ("Client") and WRECORP (Western Roof Evaluation Corporation) ("Consultant") to set forth and further define the Scope of Services for the project generally referred to as Roof Inspection. If accepted this document shall form an agreement between the client and the consultant.

Client and Consultant, after negotiation, have defined the Scope of Services as follows:

- * • Create a scope of work and specification. \$750.00 each school
- * • Create construction details. \$450.00 each school
- * • Conduct pre-bid meeting with chosen contractors and manufacturers. \$740.00 each meeting / each school
 - Review submittals and schedule from chosen contractor. \$250.00 each set of submittals.
- * • Conduct pre-roofing meeting with contractor, manufacturer and client. \$740.00 each school.
 - Provide quality assurance monitoring & photo documented reports for each monitoring. \$740.00 each monitoring. (recommend twice a week) 6 visits
- * • Conduct a punch list inspection after completion of work. \$740.00 each inspection.
- * • Conduct a close out inspection. \$740.00 each inspection

Fees: To be determined by client.

Compensation for services and terms of payment shall be as follows: Due upon receipt of invoice.

Limitations on Consultant's Responsibility, Indemnity & Insurance

Client acknowledges that Consultant is performing professional service on behalf of Client and in the event claims, losses, damages or expenses are caused by the negligence of Contractor or Client or both, Client agrees to indemnify and hold harmless Consultant, and Consultant's officers, employees, agents and representatives, from and against liability for all Professional Liability claims, losses, damages and expenses whether or not insured, including reasonable attorney's fees.

WRECORP (Western Roof Evaluation Corporation)

Consultant

By: Jerry L. Brown 4/12/2015
Signature in ink Date

Name: Jerry L. Brown
Title: President

Owner _____

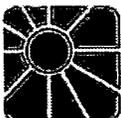
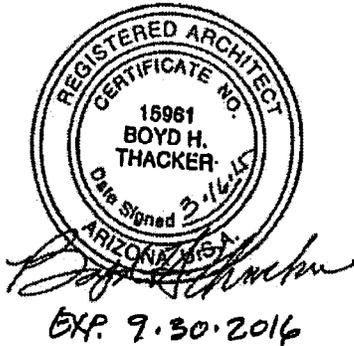
By: _____
Signature in ink Date

Name: _____
Title: _____

MPS ROOFING ESTIMATES

BCT PROJECT #1414 - 1421

Robson Elementary Portables	Base Bid	\$ 16,748.00
	Alt Bid	\$ 18,270.00
* Washington Elementary	Base Bid	\$ 262,860.00 *
	Alt Bid	\$ 525,720.00
Riverview Cafeteria		\$ 26,025.00
Carson Auditorium		\$ 22,748.00
Webster Elementary Media Center	Base Bid	\$ 23,706.00
	Alt Bid	\$ 45,588.00
Multi-purpose Bldg	Base Bid	\$ 62,400.00
	Alt Bid	\$ 139,200.00
Media Center Canopy	Base Bid	\$ 11,326.00
	Alt Bid	\$ 12,550.00
Keller Elementary Portables	Base Bid	\$ 11,165.00
	Alt Bid	\$ 12,180.00



brock, craig and thacker architects, ltd.

James e. craig jr, aia

145 e. university, suite 3, mesa, arizona 85201 * (480) 969-3081 * bct@bctarchitects.net

boyd h. thacker, aia

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Mesa Unified**
 BRG Project Number: 070204115-9999-012BRG Maricopa County
 Project Description: **Roof restoration**
 Consultant: Brock, Craig and Thacker Architects, LTD. (480-969-3081)
 Contractor: TBD

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 97,432
Contingency ①		\$ 10,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 2,000
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 7,860
Testing & Inspection		\$ -
Total Additional Cost:		\$ 9,860
Total SFB Funded Project Cost:		\$ 117,292
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 117,292
Total Project Cost:		\$ 117,292

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date:

Application ID: 1936

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Mesa Unified District

Superintendent: Dr. Michael Cowan

Contact Person: Todd Poer

Contact Phone Number: 928-595-1400

Contact Email: ftpoer@mpsaz.org bksylvester@mpsaz.org remichal@mpsaz.org

School Site: Webster Elementary School

Buildings:

1001	A1000
1006	A6000

Application Title: Replace failing roofs at Webster Elementry School

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Project Category: Roofing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project	\$0.00
--	--------

Please outline any associated insurance coverage.

Failure is not due to theft, vandalism, or wind, therefore, it is not covered by insurance.

The Mesa School District has paid for and obtained Architect's roof inspection report, roof consultant's inspection report and engineer's structural analysis towards our contribution for this grant application.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Michael B. Cowan
Superintendent Printed Name

Carson Jr. High Auditorium Roof Repairs:
 Existing PO 507579 for services thru construction documents: \$4,700.00
 Requested amendment to add construction administration: \$1,500.00
 \$6,200.00

* Webster Elementary Media Center, Cafeteria & Walkway Canopy Roof Repairs:
 Existing PO 507039 for Media Center services thru construction documents: \$4,300.00
 Requested amendment to add:
 Structural Investigation at Walkway Canopy: \$3,000.00
 Construction Documents for Cafeteria & canopy: \$2,000.00
 Construction Administration (all 3 areas): * \$2,000.00 } DISTRICT FUNDED
 \$11,300.00 } REQUEST SEB FUNDING

Keller Elementary Portables Reroof:
 Structural investigation & report: \$2,500.00
 Construction Documents: \$2,600.00
 Construction Administration: \$ 750.00
 \$5,850.00

Mesa High School Auditorium Roof Repairs:
 Roof Investigation & Construction Documents: \$4,900.00
 Construction Administration: \$1,500.00
 \$6,400.00

Red Mountain High School Auditorium Roof Repairs:
 Roof Investigation & Construction Documents: \$4,900.00
 Construction Administration: \$1,500.00
 \$6,400.00

Total All Projects: \$68,100.00

Note: No Mechanical, Plumbing or Electrical Engineering is included. Any printing or testing costs would be billed as reimbursable expenses.

Please call with any questions. If acceptable, please issue purchase orders for the various projects.

Sincerely,



James E. Craig, Jr., AIA

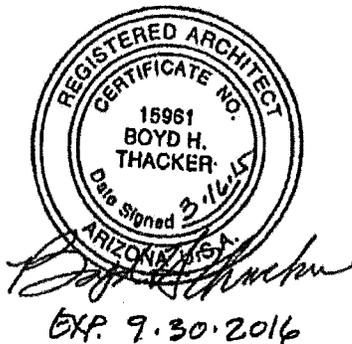
JEC/jc

Cc: Dennis Gearhart
 Laura Tennyson

MPS ROOFING ESTIMATES

BCT PROJECT #1414 - 1421

Robson Elementary Portables	Base Bid	\$ 16,748.00
	Alt Bid	\$ 18,270.00
Washington Elementary	Base Bid	\$ 262,860.00
	Alt Bid	\$ 525,720.00
Riverview Cafeteria		\$ 26,025.00
Carson Auditorium		\$ 22,748.00
Webster Elementary		
Media Center	Base Bid	\$ 23,706.00 *
	Alt Bid	\$ 45,588.00
Multi-purpose Bldg	Base Bid	\$ 62,400.00 *
	Alt Bid	\$ 139,200.00
Media Center Canopy	Base Bid	\$ 11,326.00 *
	Alt Bid	\$ 12,550.00
Keller Elementary Portables	Base Bid	\$ 11,165.00
	Alt Bid	\$ 12,180.00



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james e. craig jr, aia

145 e. university, suite 3, mesa, arizona 85201 * (480) 969-3081 * bct@bctarchitects.net

boyd h. thacker, aia

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Mohave Valley Elementary**
 BRG Project Number: **080416101-1018-023BRG** Mohave County
 Project Description: **Roof repairs**
 Engineer: **n/a**
 Contractor: **Progressive Roofing (602-278-4900)**

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:	\$ 3,900
Contingency ①	\$ 1,000
Additional Cost:	
Architecture / Engineering (A&E) Fees	\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ -
Total SFB Funded Project Cost:	\$ 4,900
District or Local Funds:	\$ -
SFB Board Approved Amount:	\$ 4,900
Total Project Cost:	\$ 4,900

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/13/2015 11:38:14 AM

Application ID: 1925

Resubmittal Date: 4/27/2015 8:30:43 AM

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Mohave Valley Elementary District

Superintendent: Mr. Whitney Crow

Contact Person: David Berard

Contact Phone Number: 9284442507

Contact Email: berardd@mvdistrict.net

School Site: Mohave Valley Elementary

Buildings: 1018 Building 20

Application Title: Repair leaking roof

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Roof has severe leaks during heavy rains. District has obtained a quote to repair from a contractor.

Project Category: Roofing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Insurance will not cover the above project.

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Superintendent Printed Name

Superintendent Signature

Date



PROGRESSIVE ROOFING



February 11, 2015

To: Mohave Valley Elementary School District
Attn: Mr. Dave Berard
Email: berardd@mvdistrict.net

Re: Mohave Elementary School Gym

Dave,

Thank you for giving us the opportunity to inspect the roof at the gym at Mohave Elementary School. Based on our inspection, we recommend that the following scope of work be performed at the metal panel deck:

- Clean and prime the area
- Brush on a white elastomeric coating
- Overlay with a 6" polyester mesh
- Brush on a second layer of white elastomeric coating
- Perform patch repairs to miscellaneous areas in need of metal panel seam repairs
- Coat electrical flex lines to prevent future leaks

T & M Basis NTE \$3,900.00

Note: Price includes, labor, materials, tax, travel, and per diem.

If you should have any questions, please don't hesitate to call.

Sincerely,

Mark Farrell
President
Progressive Roofing

047565 C-42 (AZ)
073961 L-42 (AZ)
082792 BE (AZ)
577294 B, C39, 43 (CA)

PROGRESSIVE SERVICES, INC. D.B.A. PROGRESSIVE ROOFING

23 N. 35th Avenue • Phoenix, AZ 85009
(602) 278-4900 • fax (602) 278-6896

54577 (LA)
160660 CCR (MT)
034331 GS-21 (NM)
22525 C-15A (NV)

Albuquerque
(505) 341-3800

Dallas
(214) 348-7663

Denver
(303) 286-8200

Flagstaff
(928) 714-0688

Louisiana
(985) 250-9508

Maryland
(301) 502-3395

Montana
(406) 258-7250

Phoenix
(602) 278-4900

Tucson
(520) 744-6707

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 Building Renewal Grant Fund

District: **Palo Verde Elementary**
 BRG Project Number: **070449101-1009-010BRG**
 Project Description: **Replace exterior double doors**
 Architect: **n/a**
 Contractor: **Kelley Brothers (602-254-5967)**

Maricopa County

Board approval: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 3,905
Contingency ①		\$ 1,095
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 5,000
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 5,000
Total Project Cost:		\$ 5,000

① Contingency may only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 11/21/2014 2:06:10 PM

Application ID: 1665

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Palo Verde Elementary District
Superintendent: Robert Aldridge
Contact Person: Jerry Derwin
Contact Phone Number: 623-606-2084
Contact Email: jderwin@pvesd.org
School Site: Palo Verde Elementary School
Buildings: ~~1009~~ ¹⁰⁰⁹ School Wide

Application Title: Gym Doors

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

The West side of the gym doors are very old and delaminating. All three doors need to be replaced. We have (1) 36in door (1) double hung door and (1) 36in service door, it is to pieces top and bottom.

Project Category: General Renovations

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Liaison: Breuer gbreuer@azsfb.gov 602-542-6139

Robert Aldridge
Superintendent Printed Name

Robert Aldridge
Superintendent Signature

11/21/14
Date



Kelley Bros of Arizona, Inc.
 3440 N 27th Ave
 Phoenix, AZ 85017
 Phone: 602-254-5967
 Fax: 602-254-5224

CUSTOMER PROPOSAL

Project Number 2851

Proposal Date: 01/05/2015
 Revised/RePrinted Date: 01/05/2015

Acct# 7734

JOB NAME: Gym Rear Door Replacement

**SOLD TO: PALO VERDE ELEM SCHOOL
 10700 S PALO VERDE ROAD
 PO BOX 108
 PALO VERDE, AZ 85343**

**SHIP TO: PALO VERDE ELEM SCHOOL
 JERRY DERWN
 10700 S PALO VERDE ROAD
 PO BOX 108
 PALO VERDE, AZ 85343**

Qty	Mfr	Mfr Part# / Description	Unit Price	Extended
		Two Single Doors		
1	Curries	HMD 3-0 x 6-8 LHR F 707 S 18 4 CRS PS 453 G2A	194.00	194.00
1	Curries	HMD 3-0 x 6-8 RHR F 707 S 18 4 CRS PS 453 G2A	194.00	194.00
6	McKinneyFull	MPB79NRP 4-1/2 x 4-1/2 x 26D Hinge		
2	Sargent	60-28-10G04 x LL x US26D Storeroom Lock	260.00	520.00
2	Pemko	303AS x 36" x 84" Weatherstrip	22.00	44.00
		One Pair of Doors		
1	Curries	HMD 3-0 x 6-8 RHR F 707 S 18 4 CRS PS 453 G2A	194.00	194.00
1	Curries	HMD 3-0 x 6-8 LHR F 707 S 18 4 CRS PS 453 E1	194.00	194.00
6	McKinneyFull	MPB79NRP 4-1/2 x 4-1/2 x 26D Hinge		
1	Sargent	60-28-10G04 x LL x US26D Storeroom Lock	260.00	260.00
2	Rockwood	580-8 x US26D ~ Surface Bolt ~	21.00	42.00
1	Pemko	303AS x 72" x 84" Weatherstrip	25.00	25.00
		One Dutch Door w/ Half Shelf		
1	Curries	HMD 3-0x6-8 RHR Dutch 707S 18 CRS PS G19 G2 G16	386.00	386.00
1	Select	SL11 CL HD x 42in x TF x CL ~ Hinge - Continuous ~	80.00	80.00
1	Select	SL11 CL HD x 38in x TF x CL ~ Hinge - Continuous ~	80.00	80.00
3	DonJo_Red	FF-45 Filler Plate		
1	Sargent	60-28-10G04 x LL x US26D Storeroom Lock	260.00	260.00
1	Sargent	60-485 x US26D Single Cylinder Deadbolt	85.00	85.00
1	Pemko	303AS x 36" x 84" Weatherstrip	22.00	22.00
1		Field Labor	1,180.00	1,180.00

Scope of Work: Remove Existing Doors - Install New Doors and Hardware
 At Dutch Door Install Existing Hinge Filler Plates and New Half Continuous Hinges
 Install Half Dutch Shelf on Interior Side

NET 30 subject to credit approval. Orders may be subject to \$25.00 minimum.

Freight is PrePay and Add unless otherwise specified in writing.

Credit Card orders will be charged PRIOR to delivery and receipt will be provided upon request.

Returns must be requested through issuing office and are subject to restocking fees.

Requested By: Jerry Derwin

Customer Purchase Order# : _____

Freight: \$ 145.00

Customer Acceptance: _____ Date: _____

Project Total: \$ 3,905.00

Printed Name: _____

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 Building Renewal Grant Fund

District: **Pine Strawberry Elementary**
 BRG Project Number: **040312001-1002-002BRG** Gila County
 Project Description: **Repair steps**
 Architect: **n/a**
 Contractor: **LAP Contracting, Inc. (928-474-1766)**

Board approval: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 2,887
Contingency ①		\$ 1,113
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 4,000
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 4,000
Total Project Cost:		\$ 4,000

① Contingency may only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 10/20/2014 10:44:12 AM

Application ID: 1594

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Pine Strawberry Elementary District
Superintendent: Cody Barlow
Contact Person: Keith Howell
Contact Phone Number: 928-476-3283
Contact Email: khowell@yahoo.org
School Site: Pine Strawberry Elementary School
Buildings: 1002 New Gym & Cafeteria

Application Title: floor steps

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Steps from gym to cafeteria separating and becoming a safety trip hazard

Project Category: Surfaces

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Liaison: Breuer

gbreuer@azsfb.gov

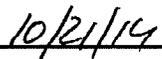
602-542-6139



Superintendent Printed Name



Superintendent Signature



Date

Estimate

LAP Contracting, Inc.
 1400 N. Beeline Hwy.
 Payson, AZ 85541
 Phone: 928-474-1766
 Fax: 928-474-7812

Date	Estimate #
1/6/2015	027

Name / Address
Pine Strawberry Elementary School 3868 N Pine Creek Dr. Pine, AZ 85544 Phone: 928-476-3283 Fax: 928-476-2506

Work to be done at:

Project

Item	Description	Qty	Cost	Total
Misc.	1 roll black 4 inch cove base	1	113.63	113.63
Misc.	17, 6 ft. black raised round surface stair tread, sq. nose	17	79.30	1,348.10
Misc.	cove base adhesive	2	44.495	88.99
Misc.	stair tread adhesive	3	38.39	115.17
Misc.	shipping, handling and labor	1	1,220.52	1,220.52
Total				\$2,886.41

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 Building Renewal Grant Fund

District: **San Simon Unified**
 BRG Project Number: **020218001-1009-001BRG**
 Project Description: **Replace four HVAC package units**
 Architect of Record: **BESP (Sameer Pandey 602-377-2679)**
 Contractor: **TBD**

Cochise County

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost	\$ 40,000
Contingency ①	\$ 10,000
Architecture / Engineering (A&E)	\$ 8,500
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ 8,500
Total SFB Funded Project Cost:	\$ 58,500
District Share (Local Funds):	\$ -
SFB Board Approved Amount:	\$ 58,500
Total Project Cost:	\$ 58,500

① Contingency shall only be used with SFB staff approval

Building Renewal Grant Application

Initial Submission Date: 4/23/2015 3:27:07 PM

Application ID: 1737

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: San Simon Unified District

Superintendent: Jonathan Truschke

Contact Person: Chuck Fickett

Contact Phone Number: 520-845-2275

Contact Email: cfickett@sansimon.org

School Site: San Simon School

Buildings:
~~1001 Middle grade classrooms~~
1009 High school

Application Title: HVAC Replacement

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

the AC unit above admin and hallway is leaking refrigerant and has one compressor down. The heating on the three unit on west side building having trouble in heating.

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

This project is not covered by the TRUST.

Liaison: Breuer gbreuer@azsfb.gov 602-542-6139

Superintendent Printed Name

Superintendent Signature

Date

BESP, LLC
219 S. William Dr. # 129
Gilbert, AZ 85233
Tel: (602) 377-2679 Fax: (480) 629-5645
sameerpandey@besp.us
www.besp.us



March 17, 2015

Mr. Rick Walter
Business Manager
San Simon Elementary School District
I-10 Business Loop
San Simon, AZ 85632

Ref: Assessment of packaged air conditioning units at San Simon Elementary School

Dear Mr. Walter,

Per district's request, BESP assessed packaged air conditioning units at San Simon Elementary School. BESP identified four (4) critical units in need for replacement. The units were installed in 1999 and serve administrative space, kitchen and two (2) classroom spaces. The information of the existing units is provided in an attachment (SK-2). The condition of existing units are summarized below.

1. A ten (10) ton unit serving an administrative space has a failed compressor.
2. A five (5) ton unit serving kitchen has a failed compressor, and is a safety concern as the unit sits at the edge of the roof without clearance as required by the code.
3. Two (2), three (3) ton units serving classroom spaces have a history of maintenance issues, including compressor failure and inadequate cooling.

Our recommendation is to replace these four (4) units with new air-conditioning units. The unit serving the kitchen will be relocated with code required clearance from the roof edge.

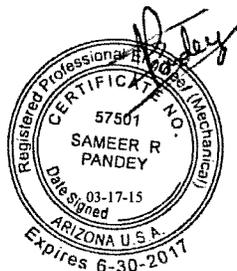
A design and installation cost to replace four (4) units at San Simon Elementary School is estimated as following:

- 1) Design Services Fee - \$8,500
 - a. Design & Documentation
 - i. Design/Load calculation/Specifications for new air-conditioning units
 - ii. Perform structural analysis by a certified structural engineer
 - iii. Produce construction documents
 - iv. Prepare and review bid documents
 - b. Construction Administration
 - i. Submittal review
 - ii. Site visits/meetings
 - iii. Installation verification
 - iv. Close-out documentation review
- 2) Estimated construction/Installation Cost - \$40,000

Please let us know if you have any questions or need clarifications.

Sincerely,

Sameer R Pandey PE (Mech), CEM, LEED
Principal Engineer, BESP



Attachments:

1. Site Plan: SK-1
2. Demolition Plan: SK-2

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **San Simon Unified**
 BRG Project Number: **020218001-9999-002BRG**
 Project Description: **Roof repairs**
 Architect of Record: **n/a**
 Contractor: **Progressive Roofing**

Cochise County

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 94,000
Contingency ①		\$ 10,000
Architecture / Engineering (A&E)		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 104,000
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 104,000
Total Project Cost:		\$ 104,000

① Contingency shall only be used with SFB staff approval

Building Renewal Grant Application

Initial Submission Date: 4/23/2015 3:26:28 PM

Application ID: 1633

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: San Simon Unified District

Superintendent: Jonathan Truschke

Contact Person: Chuck Fickett

Contact Phone Number: 520-845-2275

Contact Email: cfickett@sansimon.org

School Site: San Simon School

Buildings:
1003 art
1004 Vo Ag shop

Application Title: Roof Replacement

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

The roof on the vocational building is leaking. The main building has many small leaks the roof needs a new white coating.

Project Category: Roofing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

This project not covered by TRUST

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Superintendent Printed Name

Superintendent Signature

Date



PROGRESSIVE ROOFING



MEMBER
NATIONAL
ROOFING
CONTRACTORS
ASSOCIATIONS

Date: April 27, 2015

To: San Simon USD
226 W. Business I-10
San Simon, AZ 85632

Location: Gym and main offices 206 sqs (approximate including b/f)
Clean, repair and coat

Budget: \$47,500.00

SOW: Broom clean and remove debris
Power wash area to be coated
Repair and detail abnormalities, curbs, flashings and blisters with three
course method using APOC 264 and polyester fabric
Set polyester fabric in APOC 300 in all valleys/waterways
Apply base coat of APOC 247 at a rate of 1.5 gal per 100 SF
Apply top coat of APOC 247 at a rate of 1.5 gal per 100 SF

Location: Vocational classroom (metal building/roof) 51 sqs (approximate)

Budget: \$46,500.00

SOW: Install 1.25" EPS insulation in the fluted areas
Mechanically attach 1" ISO over entire area
Install a wood nailer around the perimeter of the roof
Install new prefinished metal edge around perimeter of the roof
Apply foam over roof surface to a minimum depth of 1.5"
Apply two base coat layers of coating at a rate of 1.25 gal per 100 SF per coat
Apply two top coat layers of coating at a rate of 1.25 gal per 100 SF per coat
Note: The coating yield is 5 gal per 100 SF for a 15 year NDL

Note: Budget amounts include taxes, warranty fees, mileage, bond and per diem.
The budget does not allow for repair of defects revealed during the work process.
The budget does allow for structural engineering.

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Tucson Unified**
 BRG Project Number: 100201615-1001-017BRG Pima County
 Project Description: **Replace water heaters**
 Consultant: Kelly Wright & Assoc. (520-887-1919)
 Contractor: McCook Boiler & Pump Company (520-623-5788)

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 68,158
Contingency ①		\$ 7,042
Additional Cost:		
Architecture / Engineering (A&E) Fees		
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 2,200
Testing & Inspection		\$ -
Total Additional Cost:		\$ 2,200
Total SFB Funded Project Cost:		\$ 77,400
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 77,400
Total Project Cost:		\$ 77,400

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 12/15/2014 10:44:15 AM

Application ID: 1725

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Tucson Unified District
Superintendent: Dr. H.T. Sanchez
Contact Person: Marcus E. Jones, R.A.
Contact Phone Number: 520-225-4882
Contact Email: marcus.jones@tusd1.org
School Site: Cholla High Magnet School
Buildings: 1001 CHOH1001

Application Title: Replace Existing PVI Water Heaters

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

The existing PVI Water Heaters are in need of replacement as they have failed. This proposed project would provide a new water heater and storage tank, along with a new vent stack hookup, gas line connection, water piping adjustments, installation of a new circulating pump.

Project Category: Plumbing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

No insurance coverage is available for this work.

Liaison: Demland ddemland@azsfb.gov 602-542-6567

DR. H.T. SANCHEZ
Superintendent Printed Name

Marcus E. Jones FOR 12.15.14
Superintendent Signature DR. H.T. SANCHEZ Date



PROPOSAL

Project Name: Cholla High School Domestic Hot Water System Renovations
Project Address: 2001 W. Starr Pass Blvd
Tucson, Arizona
Job Number: 15030
Date: March 30, 2015
Client: McCook Boiler and Pump Company
1063 E. 36th Street, Tucson, AZ 85713
Engineer: Kelly, Wright & Associates, P.C.

Project Description:

Design replacement of existing domestic hot water heating system. Existing system consists of two PVI tank type water heaters in the central plant. Client will install a water meter on the existing hot water main to establish the hot water load.

Scope of Basic Services:

GENERAL:

- Project specifications will be placed on the drawings (plan notes).
- A minimum of one site visit will be required during the design phase. Site visit purpose is to verify obvious existing conditions. Timing will be at Engineer's discretion and coordinated with Client.
- Review of cost estimate prepared by the Client, is included.
- Create schematic floor plans (CAD backgrounds) from existing PDF drawings to illustrate the proposed scope of work. Drawings will be drawn in AutoCAD as 2D.

HVAC:

- Design of combustion air and venting for new domestic water heating system.

Plumbing:

- Design of domestic water heating system to replace existing including connection of domestic water to the existing.
- Design of modifications to the existing natural gas piping systems as necessary to accommodate the new domestic water heating system.

Fire Protection: NO SCOPE

Construction Administration: NO SCOPE.

Commissioning: NO SCOPE.

Assumptions:

- IECC exclusion: Commissioning per section C408 is not required.
- Project will not be certified / rated by LEED or other agency and basic services does not include calculations & documentation for LEED or other similar programs – no report generation required.
- Project costs such as permit fees, plan review costs, special inspections, etc. are provided by Others.
- No Measurement and Verification (M&V) scope.
- Solar thermal hot water heating system designs are not required.
- Adequate sewer capacity and invert depth will be available to the project to design the waste systems utilizing gravity only.
- Adequate electrical service will be available to accommodate the proposed plumbing equipment.

- Adequate structure exists to support the proposed plumbing equipment systems.
- Existing equipment to remain is assumed to have adequate capacity, be code compliant, and be in good condition for the anticipated re-use. Existing equipment will not be verified as part of this project.

Deliverables:

The Engineer’s instruments of service will be provided in electronic form. Hard copies are not included. Documents will be provided in PDF format. Copies of CAD files will be provided at the direction of Client.

Compensation for Basic Services:

The Engineer will be compensated for the basic services based on a fixed fee basis of two thousand two hundred dollars (\$2,200).

Client’s Responsibility:

- The Client shall make available to the Engineer full information on the Client’s intent with regard to the project’s requirements.
- The Client will keep the Engineer advised of any changes to the project requirements that may affect the Engineer’s work.
- The Client shall provide architectural, civil, structural, electrical, and other consultant’s drawings, design information, and/or documents to the Engineer for review and use during the project design.

Additional Services:

- Services and/or consultation not specified and/or in excess of those indicated in the Scope of Basic Services.
- Revisions to previously approved drawings and documents.
- Client requested site visits will be billed at five hundred dollars (\$500) per trip.

Reimbursable Expenses:

The Client will reimburse the Engineer for the direct cost of each of the following:

- Printing, reproduction, and duplication of documents not used for Engineer’s own purposes.
- Postage and special delivery service.
- Any tax imposed on the Engineer’s services shall be reimbursed at 100% of the actual cost.

Hourly Rates:

Engineering Director.....	\$ 150.00	Designer.....	\$ 75.00
Engineer.....	\$ 100.00	Clerical	\$ 30.00
Project Manager / Senior Designer.....	\$ 85.00		

Other Conditions:

- This agreement entered into as of the date indicated on the first page.
- The laws of the State of Arizona shall govern this Agreement.
- The Engineer will not begin work on the project or perform any additional services without an executed Agreement.
- The terms and conditions set forth in the Agreement shall be in effect for a period not to exceed six (6) calendar months from the date of acceptance. In the event that terms and conditions of this Agreement have not been completed in that time, the terms of this Agreement shall become negotiable by both parties.
- The Engineer will invoice the Client monthly, based upon the percentage of completion, and/or at the time of submission of each phase of service. Payment is due upon presentation of the invoice unless a separate signed contract between the Client & Engineer establishes a different arrangement for payment.
- Interest may be charged on past due accounts at the rate of one and one half percent (1.5%) per month to accounts outstanding more than 30 days.
- The Engineer reserves the right to suspend the performance of services, without waiving any claim or right against the Client, and without liability whatsoever to the Client, if invoices have not been paid within 30 days.
- The Engineer shall not be responsible for the acts or omissions of the Client, Client’s other consultants, Contractors, Subcontractors, their agents or employees, or other persons performing any of the Work. The Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Engineer from any liabilities, damages and costs (including reasonable attorney fees and cost of defense) to the extent caused by the negligent acts, errors or omissions of the Client, Client’s other consultants, Contractors, Subcontractors, their agents or employees, or other persons performing any of the Work.
- Engineer is not responsible or liable for any hazardous materials found on the project site, job site safety, or construction means and methods. All hazardous materials encountered on the site are the responsibility of the owner(s). Job site safety and construction means and methods are the responsibility of the contractor(s).
- Cost estimates, life cycle reports, energy calculations, water consumption estimates, and similar calculations performed by the Engineer represent the Engineer’s experience and best judgment and are not guarantees.
- The parties agree that there shall be no assignment of this contract unless mutually agreed upon in writing.

- The Agreement may be terminated by either party upon seven (7) calendar days written notice should the other party fail substantially to perform in accordance with its terms through no fault of the party initiating the termination. The Engineer shall be due compensation for services rendered up to date of notification of termination, reimbursable expenses and reasonable termination expenses.
- All disputes arising out of or related to this Agreement shall be submitted to non-binding mediation as a condition precedent to litigation. If any dispute that is submitted to mediation is not successfully resolved, the matter may be resolved through litigation in a court of competent jurisdiction in Pima County, Arizona.
- In the event of any litigation arising from or related to the services provided under this Agreement, the prevailing party will be entitled to recovery of all reasonable costs incurred, including staff time, court costs, expert fees, attorney's fees, and other related expenses.
- Engineer is entitled to rely on the accuracy and completeness of information, documents, and/or designs provided by others. Engineer shall have no obligation to verify the information or design's correctness. Client and Owner shall waive all claims against Engineer relating to information, documents, and designs provided by others and shall indemnify Engineer for all losses, cost and damages incurred.
- Client shall obtain Engineer's prior written consent before making any changes to plans and specifications prepared by the Engineer. Client and Owner shall waive all claims against Engineer relating to unauthorized changes to plans and specifications prepared by the Engineer and shall indemnify Engineer for all losses, cost and damages incurred.
- Engineer shall retain ownership of the instruments of service and the information contained in them. Client & Owner shall not modify the instruments of service and/or reuse them in connection with any other project.
- ELECTRONIC FILES: Client agrees not to reuse electronic files, created by the Engineer, in whole or in part, for any purpose or project other than the project that is the subject of this Agreement. Client agrees not to transfer these electronic files to others without the prior written consent of Engineer. Client further agrees to waive all claims against Engineer resulting in any way from any unauthorized changes or reuse of these electronic files for any other project by anyone other than Engineer. Client is aware that differences may exist between the electronic files delivered and the printed hard copy construction documents. In the event of a conflict between the signed construction documents prepared by Engineer and electronic files, the signed and stamped or sealed hard copy construction documents shall govern. In addition, Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless Engineer, its officers, directors, employees, agents and subconsultants against all damages, liabilities or costs, including reasonable attorneys' fees, court costs and defense costs, arising from the use of the electronic files.
- If the scope of services contained in this Agreement does not include construction-phase services for this project, Client acknowledges such construction-phase services will be provided by Client or by others and Client assumes all responsibility for interpretation of the contract documents and for construction observation and supervision and waives any claim against Engineer that may in any way be connected thereto. In addition, Client agrees to indemnify and hold Engineer harmless from any loss, claim, or cost, including reasonable attorneys' fees and costs of defense, arising or resulting from the performance of such services by other persons or entities and from any and all claims arising from the modifications, clarification, interpretation, adjustments or changes made to the contract documents to reflect changed field or other conditions, except for claims arising from the sole negligence or willful misconduct of Engineer.

Please let us know if you wish additional information or clarification of our proposal. If you are in agreement with and wish to authorize us to proceed with the project as delineated herein, please sign one copy and return to our office. We sincerely appreciate your consideration of our firm. We look forward to helping you with this challenging and important project.

Sincerely,
Kelly, Wright & Associates, P.C.



Digitally signed by Donovan
Kelly
Date: 2015.03.30 11:44:28
-07'00'

Donovan F. Kelly, P.E.
President

Accepted By:
McCook Boiler and Pump Company

Client Signature

Printed Name and Title



McCook Boiler & Pump Company

1063 E. 36th St, PO Box 26643, Tucson, AZ 85726
2764 N. Green Valley Pkwy #395, Henderson, NV
63 East 11400 South #174, Sandy, UT 84070

Phone 520-623-5788
Phone 702-241-1690
Phone 801-360-2044

TO: Arizona School Facilities Board
ATTN: David Kennon
DATE: 3/31/15
SUBJECT: **TUSD Cholla High School – Domestic Hot Water System Upgrades**

Mr. Kennon,

McCook Boiler & Pump Co. is pleased to offer the following Proposal for the **TUSD – Cholla High School Domestic Hot Water System Upgrades**. The scope of work and pricing defined hereafter is to be considered as part of the formal proposal documents. We hereby propose to furnish all the materials and perform all the labor necessary for the completion of the following:

1. Removal and disposal of (2) existing PVI water heaters. Demolition of associated piping and exhaust vents. General clean up of the mechanical room piping, to make provisions for tie-in of the new boiler system.
2. Delivery, Offloading, and Placement of (2) Patterson-Kelley model #CM500 Mach Series Condensing Boilers onto existing concrete pad in mechanical room.
3. Placement of (1) Patterson-Kelley Duration II series instantaneous water heater, model #D2DW-30S.
4. Line modifications to gas piping to adapt to the fuel trains on the new boilers from current gas supply header inside the mechanical room.
5. Electrical wiring and hookup with proper fused disconnects, with emergency shutdown switch wired and installed.
6. Install new hydronic piping loop between boilers and P-K Duration II instantaneous water heater package, with appropriate fittings and isolation valves.
7. Domestic water piping modifications and associated valves required to accommodate the new P-K Duration II instantaneous heater.
8. Install new single wall boiler exhaust vent system in AL29-4C Stainless Steel.
9. Factory Start-up and testing of the system, Operation and Maintenance Training, Manuals.

CONTINUED ON FOLLOWING PAGE...

AZ: License #ROC074412 L-04

NV: License #48428 C-1A

www.mccookbp.com

QUALITY

INTEGRITY

EXPERIENCE

SAFETY

EXCELLENCE

Included: (2) P-K model #CM500 Mach Series Gas Fired Boilers, with neutralization kits, ASME safety relief valves. (1) P-K Duration II instantaneous domestic water heater package model #D2DW-30S. Freight for all boiler equipment and installation materials, rigging costs and rental equipment costs associated with offloading, placing, and installing boilers.

Exclusions: Any controls work to integrate the new boilers with the EMCS (if applicable), is not covered in the scope of this agreement.

PRICING AND PURCHASE ORDER INFORMATION:

TOTAL = \$68,158

TERMS: 50% Down Payment, 25% At Receipt of Equipment, 25% Upon Completion

Please Make PO Out To: McCook Boiler & Pump Co.
PO BOX 26643
Tucson, AZ 85726

Signed,



Quinton Lamoreaux
Engineered Products Manager

ACCEPTED BY:

SIGNATURE _____
TITLE _____
DATE _____

AZ: License #ROC074412 L-04

NV: License #48428 C-1A

www.mccookbp.com

QUALITY

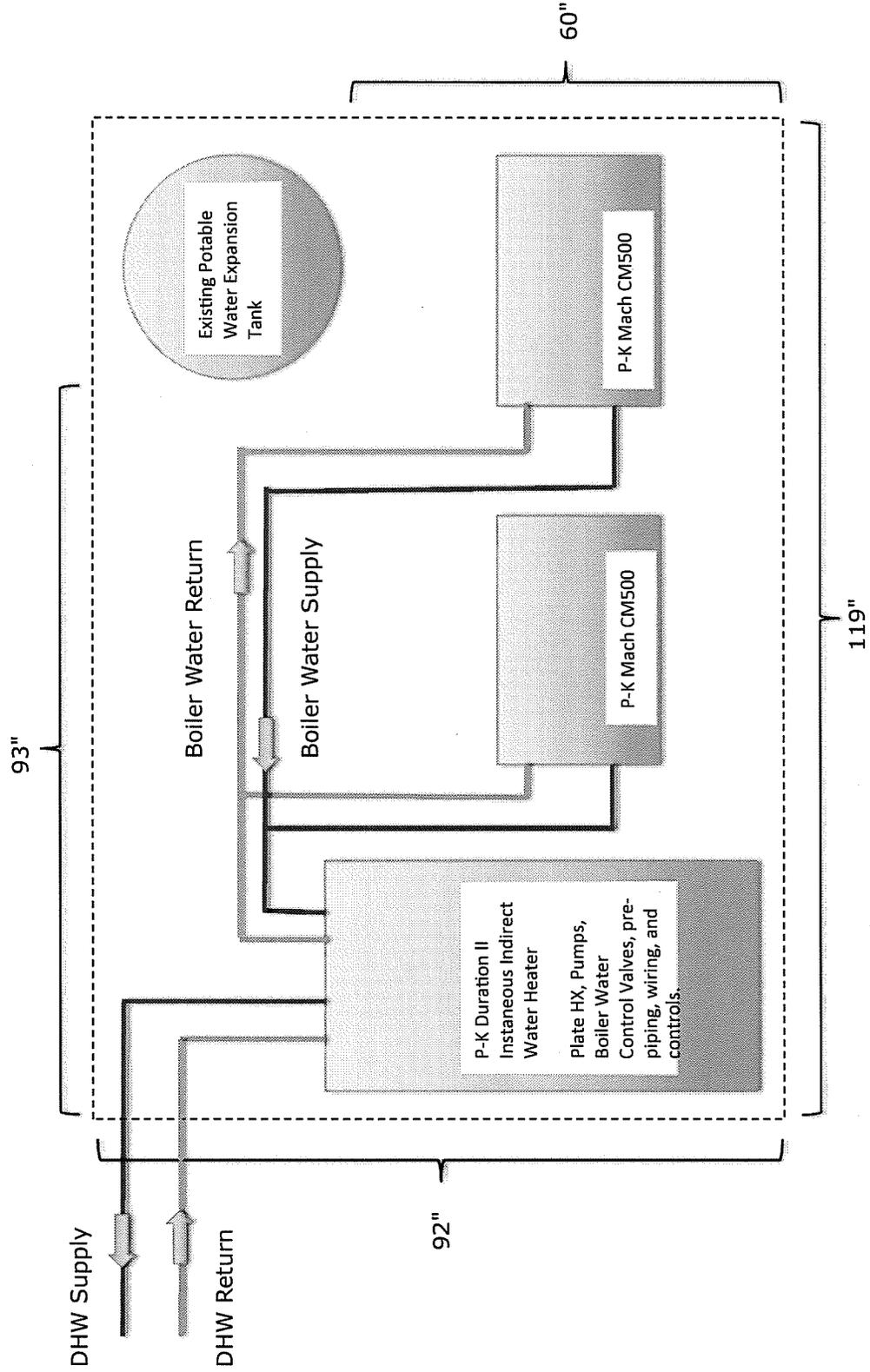
INTEGRITY

EXPERIENCE

SAFETY

EXCELLENCE

TUSD - Cholla High School
 Domestic Hot Water System Improvements
 Instantaneous Heating Design



**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: May 6, 2015

Agenda Item VI.f.

**Subject: VI. Building Renewal Grant Requests
f. **Consideration and possible vote to accept reject or modify
Building Renewal Grant Requests (design awards)****

**Duncan Unified (2 requests)
Globe Unified (2 requests)
Mammoth-San Manuel Unified
Mohave Valley Elementary
Morenci Unified
Palominas Elementary
Show Low Unified**

Background – Duncan Unified (Duncan ES – repair septic system)

Duncan Unified has submitted a Building Renewal Grant request for repairs to the existing septic system at Duncan Elementary School.

Duncan Unified, located 205 miles southeast of Phoenix, has three schools. Duncan Elementary is comprised of five buildings constructed between 1974 and 1999, totaling 34,994 square feet.

Staff visited the site and asked the district to obtain the services of an engineer to identify the existing condition of the septic system and to recommend operational, safety and code compliance repairs. The engineer's proposal for the investigation is 12,997.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Duncan Unified (Duncan ES – repair septic system)

Staff recommends that Duncan Unified be awarded \$15,000 in Building Renewal Grant funding for professional services to identify existing conditions, operational, safety and code compliance repairs for the septic system at Duncan Elementary School. This includes \$2,003 in contingency that will only be used with SFB staff approval.

Background – Duncan Unified (Duncan ES – roof repairs)

Duncan Unified has submitted a Building Renewal Grant request to repair the roofs on Buildings 1001 and 1002 at Duncan Elementary School.

Duncan Unified, located 205 miles southeast of Phoenix, has three schools. Duncan Elementary School is comprised of five buildings constructed between 1974 and 1999, totaling 34,994 square feet. Buildings 1001 and 1002 were built in 1974, totaling 12,864 and 10,084 square feet, respectively.

Staff visited the site and requested the district obtain the services of a roofing consultant to assess the existing condition of the roofing system, prepare a report making recommendations for repair or replacement, and provide a budget for solutions. The roofing consultant's proposal for the investigation is \$2,000.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Duncan Unified (Duncan ES – roof repairs)

Staff recommends that Duncan Unified be awarded \$2,000 in Building Renewal Grant funding for a roofing consultant to assess the existing condition of the roofing systems, prepare a report making recommendations and estimated cost for repair or replacement of the roofs on Buildings 1001 and 1002 at Duncan Elementary School.

Background – Globe Unified (High Desert MS – repair domestic water booster station)

Globe Unified has submitted a Building Renewal Grant request to repair the domestic water booster station at High Desert Middle School.

Globe Unified, located 85 miles east of Phoenix, has four schools. High Desert Middle School is comprised of three buildings constructed in 2004, totaling 83,344 square feet.

Staff visited the site and found the water pump station failing on multiple levels primarily due to failure of the controls. The district received a proposal of \$17,110 to assess the booster station and provide a recommendation for repairs.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Globe Unified (High Desert MS – repair domestic water booster station)

Staff recommends that Globe Unified be awarded \$17,110 in Building Renewal Grant funding for an engineering evaluation of the domestic water storage and booster system at High Desert Middle School.

Background – Globe Unified (High Desert MS – exterior reseal)

Globe Unified has submitted a Building Renewal Grant request to correct the water penetration and paint flaking at the parapet walls on Buildings 1001, 1002 and 1003 at High Desert Middle School.

Globe Unified, located 85 miles east of Phoenix, has four schools. High Desert Middle School is comprised of three buildings constructed in 2004, totaling 83,344 square feet.

Staff visited the school and agrees with the need for assessment of the parapet walls, as well as the need to reseal the entire exterior of all three buildings. The district has received an estimate for design services in the amount of \$8,100.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Globe Unified (High Desert MS – exterior reseal)

Staff recommends that Globe Unified be awarded \$8,100 in Building Renewal Grant funding to obtain professional services to assess the parapet walls, as well as the need to reseal the entire exterior of all three buildings at High Desert Middle School.

Background – Mammoth-San Manuel Unified (San Manuel HS – replace roof)

Mammoth-San Manuel Unified has submitted a Building Renewal Grant request to replace the roof on Building 1002 at San Manuel High School.

Mammoth-San Manuel Unified, located 45 miles northeast of Tucson, has five schools. San Manuel High School is comprised of five buildings constructed between 1955 through 1974, totaling 135,706 square feet. Building 1002 was built in 1956, totaling 92,287 square feet.

The existing 30-year roof shingles have failed and are in need of replacement. The district received a proposal for design and structural evaluation of the roof at the cost of \$5,600. Staff estimates a cost of \$2,500 for an asbestos survey is also needed.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative work.

Staff Recommendation – Mammoth-San Manuel Unified (San Manuel HS – replace roof)

Staff recommends that Mammoth-San Manuel Unified be awarded \$8,100 in Building Renewal Grant funding for design, construction bid documents, and structural evaluation for the replacement of roof shingles on Building 1002 at San Manuel High School.

Background – Mohave Valley Elementary (Mohave Valley ES – roof repairs)

Mohave Valley Elementary has submitted a Building Renewal Grant request to repair the roof on Building 1018 at Mohave Valley Elementary School.

Mohave Valley Elementary, located 180 miles northwest of Phoenix along the Colorado River, has four schools. Mohave Valley Elementary is comprised of 19 buildings constructed between 1964 and 1998, totaling 83,637 square feet. Building 1018 was built in 1976, totaling 17,850 square feet.

Staff visited the site and requested the district obtain the services of a roofing consultant to assess the existing condition of the roofing system, prepare a report making recommendations and cost estimate for repair or replacement. The roofing consultant's proposal for the assessment is \$2,000.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Mohave Valley Elementary (Mohave Valley ES – roof repairs)

Staff recommends that Mohave Valley Elementary be awarded \$2,000 in Building Renewal Grant funding for professional services to assess the roof of Building 1018 at Mohave Valley Elementary School.

Background – Morenci Unified (Morenci Jr/SHS – roof replacement)

Morenci Unified has submitted a Building Renewal Grant request for replacement of the roof on Building 1001 at Morenci Junior/Senior High School.

Morenci Unified, located 175 miles northeast of Tucson, has two schools. Morenci Junior/Senior High School is comprised of nine buildings constructed between 1978 and 2001, totaling 173,437 square feet. Building 1001 was built in 1994, totaling 12,544 square feet.

Staff visited the site and requested the district obtain the services of a roofing consultant to assess the existing condition of the roofing system, prepare a report making recommendations and a cost estimate for repair or replacement. The roof consultant's proposal for the assessment is \$2,000.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Morenci Unified (Morenci Jr/SHS – roof replacement)

Staff recommends that Morenci Unified be awarded \$2,000 in Building Renewal Grant funding for a roofing consultant to assess the existing condition of the roofing system, prepare a report making recommendations and a cost estimate to repair or replace the roof on Building 1001 at Morenci Junior/Senior High School.

Background – Palominas Elementary (Valley View ES – correct drainage issues)

Palominas Elementary has submitted a Building Renewal Grant request to correct drainage issues at Valley View Elementary School.

Palominas Elementary, located 92 miles southeast of Tucson, has three schools. Valley View Elementary School is comprised of four buildings constructed between 2000 and 2007, totaling 24,013 square feet.

SFB staff visited the school and identified numerous areas where there are potential drainage issues. Some may be related to the adjacent roadway as it brings water flow onto the school property. The Trust was contacted about these drainage issues and determined the issues are not covered events.

The district received an engineering proposal of \$21,490 for a drainage evaluation.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Palominas Elementary (Valley View ES – correct drainage issues)

Staff recommends that Palominas Elementary be awarded \$21,490 in Building Renewal Grant funding for professional services to correct the drainage issues at Valley View Elementary School.

Background – Show Low Unified (Whipple Ranch ES – replace air handler)

Show Low Unified has submitted a Building Renewal Grant request to replace the air handling unit on Building 1001 at Whipple Ranch Elementary School.

Show Low Unified, located 180 miles northeast of Phoenix, has eight schools. Whipple Ranch Elementary School is comprised of three buildings constructed in 1990, totaling 72,563 square feet. Building 1001 is 72,363 square feet.

Staff has visited the school and determined the air handling unit has failed and recommends full replacement. The district received a proposal for the design, construction bid documents, structural evaluation and construction administration services in the amount of \$5,250.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The district meets this criteria including doing preventative maintenance.

Staff Recommendation – Show Low Unified (Whipple Ranch ES – replace air handler)

Staff recommends that Show Low Unified be awarded \$5,250 in Building Renewal Grant funding for design, construction bid documents, structural evaluation and construction administration services for the replacement of the air handling unit on Building 1001 at Whipple Ranch Elementary School.

Board Action Requested: [] information [X] action / described below

1. Board approval of the staff recommendation that **Duncan Unified** be awarded \$15,000 in Building Renewal Grant funding for professional services to identify existing conditions, operational, safety and code compliance repairs for the septic system at Duncan Elementary School. This includes \$2,003 in contingency that will only be used with SFB staff approval.
2. Board approval of the staff recommendation that **Duncan Unified** be awarded \$2,000 in Building Renewal Grant funding for a roofing consultant to assess the existing condition of the roofing systems, prepare a report making recommendations and estimated cost for repair or replacement of the roofs on Buildings 1001 and 1002 at Duncan Elementary School.
3. Board approval of the staff recommendation that **Globe Unified** be awarded \$17,110 in Building Renewal Grant funding for an engineering evaluation of the domestic water storage and booster system at High Desert Middle School.
4. Board approval of the staff recommendation that **Globe Unified** be awarded \$8,100 in Building Renewal Grant funding to obtain professional services to assess the parapet walls, as well as the need to reseal the entire exterior of all three buildings at High Desert Middle School.
5. Board approval of the staff recommendation that **Mammoth-San Manuel Unified** be awarded \$8,100 in Building Renewal Grant funding for design, construction bid documents, and structural evaluation for the replacement of roof shingles on Building 1002 at San Manuel High School.
6. Board approval of the staff recommendation that **Mohave Valley Elementary** be awarded \$2,000 in Building Renewal Grant funding for professional services to assess the roof of Building 1018 at Mohave Valley Elementary School.
7. Board approval of the staff recommendation that **Morenci Unified** be awarded \$2,000 in Building Renewal Grant funding for a roofing consultant to assess the existing condition of the roofing system, prepare a report making recommendations and a cost estimate to repair or replace the roof on Building 1001 at Morenci Junior/Senior High School.
8. Board approval of the staff recommendation that **Palominas Elementary** be awarded \$21,490 in Building Renewal Grant funding for professional services to correct the drainage issues at Valley View Elementary School.
9. Board approval of the staff recommendation that **Show Low Unified** be awarded \$5,250 in Building Renewal Grant funding for design, construction bid documents, structural evaluation and construction administration services for the replacement of the air handling unit on Building 1001 at Whipple Ranch Elementary School.

Attachments: Yes [X] No []

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Duncan Unified**
 Project Number: **060202102-9999-002BRG**
 Project Description: **Repair septic system**
 Architect of Record: **n/a**
 Contractor: **Fluid Solutions (602-707-7777)**

Greenlee County

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost	\$ -
Contingency ①	\$ 2,003
Architecture / Engineering (A&E) Fees	\$ 12,997
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ 12,997
Total SFB Funded Project Cost:	\$ 15,000
District Share (Local Funds):	\$ -
SFB Board Approved Amount:	\$ 15,000
Total Project Cost:	\$ 15,000

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date:

Application ID: 1710

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Duncan Unified District
Superintendent: D. Eldon Merrell
Contact Person: D. Eldon Merrell
Contact Phone Number: 9283592472
Contact Email: emerrell@duncanschools.org
School Site: Duncan Elementary School
Buildings: 9999 School Wide

Application Title: Septic System

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Our existing septic system is self contained and over 40 years old. The District has experienced leaking tanks over time, pump repairs and electrical problems which need continuous maintenance in order for them to operate effectively.

Project Category: Plumbing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

D. Eldon Merrell
Superintendent Printed Name

D. Eldon Merrell
Superintendent Signature

12-10-14
Date



Fluid Solutions

Water • Wastewater • Engineering • Environmental Services

April 22, 2015

Mr. Eldon Merrell
Duncan Unified School District #2
108 Stadium Street
Duncan, Arizona 85535

Mr. Dave Kennon
School Facilities Liaison
1700 West Washington Street, Suite 104
Phoenix, Arizona 85007

Re: Water and Wastewater System Needs Evaluation

Dear Mr. Merrell and Mr. Breuer:

Fluid Solutions is pleased to provide you with this proposal to review the existing conditions and identify the necessary improvements that may be required at the existing wastewater treatment plant at the water system. It is our understanding that the existing water facilities generally consist of a storage tank, booster station, and associated power and control to operate the system. We also understand that the District has had divers investigate the internal tank condition. Issues with wastewater treatment also require evaluation.

We propose to visit the facility while operations staff is present to gain a more detailed understanding of the issues in the field. We will combine our observations with the Diver's Report, code, and system needs for reliable operations to develop a memorandum describing the conditions and recommendations. This memorandum will include the following sections for the water and wastewater systems:

- Existing Conditions
- Identified Operational Deficiencies
- Identified Code and Safety Deficiencies
- Recommended Improvements
- Estimated Costs of Recommendations

Our recommendations will include costs for design, permitting (if necessary), and construction of improvements. Work to repair existing treatment components with similar equipment and processes as currently permitted should not require permits as this is viewed as maintenance by regulators; however, if any additional infrastructure is required, this must be permitted through the Arizona Department of Environmental Quality.

During the site visit we will focus on the deficiencies and discuss alternatives with operations staff for rectifying any deficiencies. We will have team members fluent in water distribution, wastewater

Mr. Eldon Merrell and Mr. Dave Kennon
April 22, 2015
Page 2 of 2

treatment, power and control systems present at the site visit. It is imperative that operation staff fluent in the system be available during our visit. This information will be used to prepare a memorandum describing our recommended corrective action and the associated costs to facilitate necessary upgrades.

We will provide this evaluation for a lump sum of Twelve Thousand, Nine Hundred and Ninety-seven Dollars (\$12,997). We can complete our evaluation and submit a memorandum of corrective action and costs within one month of receipt of our site visit. Our proposal is valid for 60 days. Our Standard Terms and Conditions and Standard Schedule of Charges are attached to and made part of this proposal.

If you are in agreement with this proposal please provide a purchase order referencing this proposal as our notice to proceed. We are available to answer any questions you may have and look forward to assisting you in indentifying and resolving your water and wastewater issues.

Sincerely,

Fluid Solutions



Norm Fain, P.E.

Principal Engineer, Member

Encl: Standard Terms and Conditions
Standard Schedule of Charges

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Duncan Unified**
 Project Number: **060202102-9999-003BRG**
 Project Description: **Roof repairs**
 Architect of Record: **n/a**
 Contractor: **WRECORP**

Greenlee County

Board approval: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ -
Contingency ①		\$ -
Architecture / Engineering (A&E) Fees		\$ 2,000
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 2,000
Total SFB Funded Project Cost:		\$ 2,000
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 2,000
Total Project Cost:		\$ 2,000

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 12/10/2014 11:07:20 AM

Application ID: 1713

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Duncan Unified District
Superintendent: D. Eldon Merrell
Contact Person: D. Eldon Merrell
Contact Phone Number: 9283592472
Contact Email: emerrell@duncanschools.org
School Site: Duncan Elementary School
Buildings:
1001 Multi-Purpose/Gym
1002 Elementary Academic

Application Title: Roofing

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

The existing metal roofing systems are leaking causing damage to the interior of the buildings.

Project Category: Roofing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Liaison: Breuer gbreuer@azsfb.gov 602-542-6139

Superintendent Printed Name

Superintendent Signature

Date

PROPOSAL

PROJECT IDENTIFICATION

PROJECT NAME	Duncan Unified School District (Eldon Merrell)
PROJECT	Duncan Elementary School
SITE ADDRESS	1 McGrath Ave.
	Duncan, AZ 85534

PROPOSAL

This proposal, dated this day of April 27, 2015, is between Duncan School District ("Client") and WRECORP (Western Roof Evaluation Corporation) ("Consultant") to set forth and further define the Scope of Services for the project generally referred to as Roof Inspection. If accepted this document shall form an agreement between the client and the consultant.

Client and Consultant, after negotiation, have defined the Scope of Services as follows:

- Assess existing roof conditions on building at site address listed above.
- Create a report detailing typical or systemic adverse conditions with photo documentation.
- Create a footprint CAD of existing roofs, determining square footage.
- Provide recommendation for repairing, restoring or replacement of existing roofs.
- Provide budget for solutions.

Fees: \$2,000.00

Compensation for services and terms of payment shall be as follows: Due upon receipt of invoice.

Limitations on Consultant's Responsibility, Indemnity & Insurance

Client acknowledges that Consultant is performing professional service on behalf of Client and in the event claims, losses, damages or expenses are caused by the negligence of Contractor or Client or both, Client agrees to indemnify and hold harmless Consultant, and Consultant's officers, employees, agents and representatives, from and against liability for all Professional Liability claims, losses, damages and expenses whether or not insured, including reasonable attorney's fees.

If acceptable please sign, date and return to WRECORP (Signed proposal represents a signed contract)

WRECORP (Western Roof Evaluation Corporation)

Consultant

By: Jerry L. Brown 4/27/2015
Signature in ink *Date*

Name: Jerry L. Brown
Title: President

Owner

By: _____
Signature in ink *Date*

Name: _____
Title: _____

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District: **Globe Unified**
 BRG Project Number: 040201105-9999-006BRG Gila County
 Project Description: **Repair domestic water booster station**
 Consultant: n/a
 Contractor: Fluid Solutions
 Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:	
Contingency ①	\$ -
	\$ -
Additional Cost:	
Architecture / Engineering (A&E) Fees	\$ 17,110
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ 17,110
Total SFB Funded Project Cost:	\$ 17,110
District or Local Funds:	\$ -
SFB Board Approved Amount:	\$ 17,110
Total Project Cost:	\$ 17,110

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 4/22/2015 7:52:50 AM
Resubmittal Date: 4/22/2015 4:36:15 PM

Application ID: 1996

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Globe Unified District
Superintendent: Jerry Jennex
Contact Person: Lee Kinnard
Contact Phone Number: 928-402-6080
Contact Email: lee.kinnard@globeschools.org
School Site: High Desert Middle school
Buildings: 9999 School Wide

Application Title: Domestic water lift station

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

We are currently having to run the domestic water system in manual and several systems are failing. We are requesting funds from the School Facilities Board to conduct an evaluation of the existing water storage and booster system and identify solutions to return the system to its original operational intent.

Project Category: Plumbing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Not covered by insurance

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

JERRY JENNEX
Superintendent Printed Name

Jerry Jennex
Superintendent Signature

4-22-2015
Date

4/22/2015 4:36:15 PM



Fluid Solutions

Water • Wastewater • Engineering • Environmental Services

April 22, 2015

Mr. Lee Kinnard, Facilities/Transportation Coordinator
Globe Unified School District #1
460 North Willow Street
Globe, Arizona 85501

RE: High Desert Middle School, Water System Evaluation

Dear Mr. Kinnard:

This letter is Fluid Solutions' proposal to provide professional services to the Globe Unified School District #1 (GUSD) for evaluating the existing booster station at High Desert Middle School, 4000 High Desert Drive, Globe, Arizona 85501.

Booster Station Evaluation

We understand that the existing booster station has caused several problems due to the failure of the control systems and other equipment. Continued operation of the school with this problem could result in conditions which may require classroom instruction to be cancelled due to lack of water distribution throughout the campus.

Fluid Solutions proposes to investigate the existing condition of the booster station. This investigation will consider the existing mechanical and electrical equipment of the booster station. Discussions with existing utility providers may be needed to assure that any proposed modifications will be compatible with the existing facilities or if any changes will be required.

The result of this evaluation will be a memorandum detailing the existing equipment conditions with recommendations for the school to consider for improving the reliability of the booster station. Included in this evaluation will be a budgetary cost for rehabilitating the booster station.

To assist in the evaluation, GUSD is asked to provide Fluid Solutions with any Record Drawings, Operations and Maintenance Manuals, Notices of Violations issued by Arizona Department of Environmental Quality, or other such documents that deal with the High Desert Middle School Booster Station. At the conclusion of this evaluation process, Fluid Solutions will return to GUSD all documents provided.

One meeting is anticipated with GUSD operational personnel at the time of a site visit to gather detailed information on the booster station and to understand operational issues first hand, if possible. All documents that would be transferred from GUSD to Fluid Solution for the completion of the evaluation should be provided at that meeting. This meeting will occur within two weeks of the Notice to Proceed.

Mr. Lee Kinnard, Facilities/Transportation Coordinator
Globe Unified School District #1
April 22, 2015
Page 2 of 2

Any additional meetings will be scheduled as agreed, but shall be paid per "Standard Schedule of Charges" as out-of-scope services.

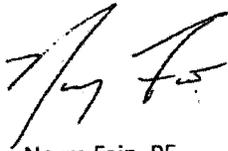
Fluid Solutions proposes to complete this evaluation for the lump sum fee of \$17,110.00. The evaluation will commence within two weeks of notice to proceed. Proposed completion of the evaluation will be within six weeks of the notice to proceed.

This proposal is valid for 60 days from the original date of proposal.

Attached to this proposal are Fluid Solutions' "Standard Terms and Conditions for Service" and "Standard Schedule of Charges", which are made a part of this proposal and agreement. Fluid Solutions is ready to begin working to resolve the issues at the High Desert Middle School Booster Station.

Fluid Solutions appreciates this opportunity to work with the Globe Unified School District on improving the facilities providing potable water to the students, staff, and community that use the High Desert Middle School. Please return one copy of this proposal signed by an authorized agent of Globe Unified School District or issue a Purchase Order referencing this proposal. Receipt of the accepted proposal or Purchase Order will be considered the "Notice to Proceed" for this project.

Sincerely,
Fluid Solutions



Norm Fain, PE
Member/Principal Engineer

Acceptance:
Globe Unified School District #1

Authorized Signature

Printed Name and Title

Date

Cc: David Kennon, Arizona School Facilities Board



STANDARD TERMS AND CONDITIONS FOR SERVICES

1.0 CLIENT

As used herein, Client is the entity who authorized performance of services by Fluid Solutions and, therefore, accepts responsibility for payment under conditions governed by this document and the proposal or scope of work.

2.0 CONSULTANT

As used herein, Consultant refers to Engineering & Geologic Water & Wastewater Services, L.L.C., dba Fluid Solutions, the entity authorized by the Client to perform the services as described in the proposal or scope of work.

3.0 CLIENT RESPONSIBILITIES

- 3.1 Client will furnish Consultant with access to the site necessary to perform the agreed upon services, unless otherwise stated in the scope of work.
- 3.2 Client will provide Consultant with all information within Client's possession or knowledge related to the possible presence of hazardous or toxic materials at the site. If unanticipated hazardous or toxic materials are encountered during Consultant's field work, Consultant reserves the right to demobilize its field operations at the Client's expense. Consultant will proceed with field operations following consultation with Consultant's Health and Safety Officer and Client's acceptance of proposed safety measures and any necessary adjustments in scope and fee.

4.0 CONSULTANT RESPONSIBILITIES

- 4.1 Reasonable precautions will be taken by Consultant to avoid damage to underground pipelines, structures, and utilities. Client agrees to hold Consultant and its members, agents, employees, and subcontractors harmless for any damages to such structures, pipelines, and utilities which are not called to Consultant's attention, which are incorrectly shown on plans furnished, or which are inaccurately located in the field by the Client, utility companies, and/or utility locating services.
- 4.2 In the performance of its professional services, Consultant will provide the current standard of care and skill ordinarily exercised in the consulting profession under similar conditions in similar localities. No other warranties, expressed or implied, are made or intended in any of Consultant's proposal, contracts or reports.
- 4.3 The data presented by Consultant represents conditions only at the specified locations and at the time designated. Client acknowledges that this data may not represent conditions at other locations or times. Consultant will be responsible for its data, interpretations, and recommendations, but shall not be responsible for the interpretation by others.

5.0 INSURANCE

Consultant is protected against most risks of liability exposure by Workmen's Compensation Insurance, Commercial General Liability Insurance, and Professional Liability Insurance with respect to liabilities arising from its negligent errors and omissions. Certificates of coverage will be supplied upon request.

6.0 INDEMNIFICATION

Each party agrees, to the fullest extent permitted by law, to defend, indemnify and hold harmless the other from and against any and all claims, damages, losses, expenses and liability, real or alleged, in connection with the performance of work on this Project, excepting only those damages, liabilities or costs attributable to the sole negligence or willful misconduct of either Fluid Solutions or Client. Each party shall be responsible for their own sole negligence or willful misconduct.

7.0 LIMITATION OF LIABILITY

In recognition of the relative risks, rewards and benefits of the project to both the Client and Fluid Solutions, the risks have been allocated such that the Client agrees to the fullest extent permitted by law, Fluid Solutions total liability to the Client for any and all injuries, claims, losses, expenses, damages, or claim expenses arising out of this agreement from any cause or causes, shall not exceed our fee. Such causes include, but are not limited to, Fluid Solutions' negligence, errors, omissions, strict liability, breach of contract or breach of warranty.

8.0 DISPUTE RESOLUTION

Disputes between the Client and Fluid Solutions may be submitted to non-binding mediation.

9.0 TERMINATION OF SERVICES

Agreements for service may be terminated by the Client or Fluid Solutions should the other fail to perform its obligations hereunder. In the event of termination, the Client shall pay Fluid Solutions for all services rendered to the date of termination, all reimbursable expenses, and reimbursable termination expenses to the extent applicable.

10.0 INVOICES AND PAYMENT

10.1 Invoices for services rendered will be submitted, at Fluid Solutions' option, either upon completion of such services or on a monthly basis every month. Payment is due upon presentation of Consultant's invoice and is past due thirty (30) days from invoice date.

10.2 Client agrees to pay a finance charge of 1.5 percent per month to any balance unpaid after 60 days, retroactive to the date of the original invoice. Any attorney's fees or other costs incurred in collecting any delinquent amount shall be paid by the Client.

10.3 Retainers received by Fluid Solutions shall be applied to balances due at the conclusion of the project. For example, if Fluid Solutions were to receive a retainer equivalent to 25 percent of the cost for a project, the retainer would be applied following billings and payments of first 75 percent of the project costs. Any unused retainage shall be refunded to Client within 30 days following (1) completion of services to which the retainer was applicable and (2) Client being current on all billings to Fluid Solutions.

11.0 PROJECT FILES AND RECORDS

Products produced by Fluid Solutions under this agreement shall be the property of the Client. All pertinent records will be retained for 2 years after report issuance. After such time, Consultant may elect to notify Client of Consultant's desire to dispose of project related records. Should Client elect, Consultant shall make Client files available for pick-up at Consultant's place of business. Should Client not elect to take possession of its records, Consultant shall have the right to appropriately dispose of Client's records at any time following the 30th day after the initial notification to Client.

12.0 CONFIDENTIALITY

Consultant agrees to hold all project materials and findings in confidence, will not publish information regarding this Project, and shall make no release of documents or information to any person other than Client before or after completion of the study, without prior written approval of Client.



STANDARD SCHEDULE OF CHARGES

The standard compensation to Fluid Solutions for professional services is detailed below:

I. Professional Services

Our current standard hourly charges for services are as follows:

Principal Engineer	\$190
Principal Hydrogeologist	\$160
Senior Project Engineer	\$135
Senior Hydrogeologist	\$120
Senior Engineer	\$120
Project Scientist/Geologist	\$115
Staff Engineer	\$100
Project Hydrologist/Water Resource Specialist	\$100
Staff Scientist	\$ 80
Project Coordinator	\$ 80
Designer	\$ 80
Senior Technician	\$ 80
Staff Hydrologist/Geologist	\$ 80
Staff Engineer	\$ 75
Technician	\$ 65
Field Representative	\$ 80
Intern	\$ 55
Administrator	\$ 80
Clerical	\$ 50

Expert Witness charges at 1.5 times Consultant's hourly charge. Includes all time for preparation and participation in depositions and/or testifying to courts, commissions, and legislature.

II. Equipment.

- A. Mileage, per mile: IRS Standard Mileage Rate
- B. Field Equipment: Because of the varied nature of equipment, location and use, these rates will be quoted as required.

III. Other Services and Supplies.

Charges for services, equipment and facilities not furnished directly by Consultant, and any unusual items of expense not customarily incurred in our normal operations, are computed as follows:

- A. Cost plus 15% includes shipping charges, subsistence, transportation, printing and reproduction, miscellaneous supplies and rentals.
- B. Cost plus 15% includes sub-consultant services, equipment rental and lease, testing laboratories, aircraft and watercraft operation and contract labor.

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Globe Unified**
 BRG Project Number: 040201105-9999-007BRG Gila County
 Project Description: **Exterior reseal**
 Consultant: Orcutt/Winslow (602-257-1764)
 Contractor: TBD
 Board approval: 5/6/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:		\$ -
Contingency ①		\$ -
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 8,100
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 8,100
Total SFB Funded Project Cost:		\$ 8,100
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 8,100
Total Project Cost:		\$ 8,100

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 4/28/2015 9:54:57 AM

Application ID: 2004

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Globe Unified District
Superintendent: Jerry Jennex
Contact Person: Lee Kinnard
Contact Phone Number: (928) 402-6080
Contact Email: lee.kinnard@globeschools.org
School Site: High Desert Middle school
Buildings:
1001 Building 100/200
1002 Building 300
1003 Building 400

Application Title: Roof Moisture

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Mositure at masonary copings causing paint flake off.

Project Category: Surfaces

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Liaison: Breuer gbreuer@azsfb.gov 602-542-6139

Superintendent Printed Name

April 24, 2015

Mr. Dean Gray
Executive Director
State of Arizona School Facilities Board
1700 West Washington Street, Suite 104
Phoenix, Arizona 85007

Re: Architectural services for Globe High Desert Middle School

Dear Mr. Gray:

Orcutt Winslow would like to thank you for giving us the opportunity to work with AZSFB and Globe Unified School District. Based on our conversation we have put together an Architectural/Civil fee proposal for investigating and fixing the water moisture issues at the concrete slabs. Your investment in our services is based on the following.

GENERAL PROJECT DESCRIPTION

Provision of Architecture & Civil Engineering Services include walk through around the project site and buildings to verify existing grades and determine that water is flowing around the buildings. Soils engineers will do test boring on the inside of building slab and exterior of the site to determine compaction of sub grades and determine moisture content of the existing soil.

O|W will also provide Masonry wall coping detail and color scheme to repaint the entire campus.

Scope of Services

1.	Walk existing building and site to determine grading and water flow is consistent with plans and draining away from the building and provide a report	\$ 1,705.00	} \$ 8,100
2.	Provide test boring as outlined in RAM's proposal	\$ 13,250.00	
3.	Masonry Coping detail for all Buildings	\$ 2,700.00	
4.	<u>Painting specifications and color scheme for all Buildings</u>	\$ 5,400.00	
Total:		\$ 23,055.00	

Estimated Construction cost for the project will be determined after the site visit and report.

Reimbursable Expenses

There will be no reimbursable expenses for this project.

FORM OF AGREEMENT

This Proposal is based upon the terms of an Orcutt | Winslow modified AIA B101-2007 Standard Form of Agreement Between Owner and Architect.

3003 n central ave
sixteenth floor
phoenix az 85012

602 257 1764 t
602 257 9029 f

www.owp.com

Mr. Dean Gray
April 24, 2015
Page 2

We believe this Fee Proposal addresses the Scope to investigate the issues as described above. We look forward to working with you in developing a successful Project. If this Proposal meets your approval, please sign below and return one copy to our office.

Attached please find proposals from Ricker, Atkinson and McBee and Hess Rountree.

Please feel free to call if you have any questions or need further information in regards to this Proposal.

Sincerely,



Vispi Karanjia
Managing Partner

VK/ll

cc: Mr. Gerry Breuer, AZSFB Liaison for Globe Unified School District
cc: Mr. Lee Kinnard, Facilities Coordinator, GUSD#1

Accepted by:

Mr. Dean Gray

Date:

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Mammoth-San Manuel Unified**
 Project Number: **110208281-1002-005BRG** Pinal County
 Project Description: **Replace roof**
 Architect of Record: **Swaim Associates, LTD (520-326-3700)**
 Contractor: **TBD**
 Board Approval: **5/6/2015**

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost (cost estimate provided by architect or contractor)	\$ -
Contingency ①	\$ -
Architecture / Engineering (A&E) Fees	\$ 5,600
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ 2,500
Testing & Inspection	\$ -
Total Additional Cost:	\$ 8,100
Total SFB Funded Project Cost:	\$ 8,100
District Share (Local Funds):	\$ -
SFB Board Approved Amount:	\$ 8,100
Total Project Cost:	\$ 8,100

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 2/23/2015 1:31:20 PM

Application ID: 1790

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Mammoth-San Manuel Unified District

Superintendent: John Ryan

Contact Person: David Hogan

Contact Phone Number: 520-385-2339

Contact Email: hogand@msmusd.org

School Site: San Manuel High School

Buildings: 1002 1 Story Brick Building 2

Application Title: Gym Locker Rooms roof replacement

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

The roof was re-done in 1991 with 3 tab shingles. We have been repairing and patching for the last 3-5 years but we aren't able to keep up with the continuing problems as it ages.

Project Category: Roofing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

problems are age related

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Superintendent Printed Name

Superintendent Signature

Date

April 13, 2015

David Hogan
Mammoth – San Manuel Unified School District
711 McNab Parkway
San Manuel, AZ 85631

RE: Fee Proposal for Weight Room / Wrestling Room Roof Replacement

Dear Mr. Hogan,

I respectfully submit the following fee for your consideration. The scope of work includes:

- Perform detailed field review of roofing.
- Develop drawings and specifications for bidding.
- Provide a structural report outlining ability to support new roof system.
- Includes architectural and structural engineering.

Basic Services Fee

Swaim Associates	\$3800.00
Schneider	1800.00
Total Basic Services	\$ 5600.00

Please call to discuss this proposal if you have any questions. Thank you for the opportunity to provide these services. We will complete a Contract once you approve the fee.

Sincerely,



Mark Bollard, AIA

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 Building Renewal Grant Fund

District: **Mohave Valley Elementary**
 BRG Project Number: **080416101-1002-024BRG** Mohave County
 Project Description: **Roof repairs**
 Engineer: **n/a**
 Contractor: **WRECORP**

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ -
Contingency ①		\$ -
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 2,000
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 2,000
Total SFB Funded Project Cost:		\$ 2,000
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 2,000
Total Project Cost:		\$ 2,000

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/13/2015 11:18:11 AM

Application ID: 1924

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Mohave Valley Elementary District

Superintendent: Mr. Whitney Crow

Contact Person: David Berard

Contact Phone Number: 9284442507

Contact Email: berardd@mvdistrict.net

School Site: Mohave Valley Elementary

Buildings: 1002 Building 2

Application Title: Roof Repair on Cafeteria Building and attached shed

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

We had been experiencing the roof leaking so a representative from progressive roofing was called out for a bid for the repairs. I have e-mailed the bid and pictures to Dave Kennon. \$26,650

Project Category: Roofing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Insurance will not cover any of the expenses for this project.

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Superintendent Printed Name

Superintendent Signature

Date

PROPOSAL

PROJECT IDENTIFICATION

PROJECT NAME	Mohave Valley School District (David Berard)
PROJECT	Mohave Valley Elementary - Cafeteria
SITE ADDRESS	1419 E. Willow
	Mohave Valley, AZ 86440

PROPOSAL

This proposal, dated this day of April 27, 2015, is between Mohave Valley School District ("Client") and WRECORP (Western Roof Evaluation Corporation) ("Consultant") to set forth and further define the Scope of Services for the project generally referred to as Roof Inspection. If accepted this document shall form an agreement between the client and the consultant.

Client and Consultant, after negotiation, have defined the Scope of Services as follows:

- Assess existing roof conditions on building at site address listed above.
- Create a report detailing typical or systemic adverse conditions with photo documentation.
- Create a footprint CAD of existing roofs, determining square footage.
- Provide recommendation for repairing, restoring or replacement of existing roofs.
- Provide budget for solutions.

Fees: \$2,000.00

Compensation for services and terms of payment shall be as follows: Due upon receipt of invoice.

Limitations on Consultant's Responsibility, Indemnity & Insurance

Client acknowledges that Consultant is performing professional service on behalf of Client and in the event claims, losses, damages or expenses are caused by the negligence of Contractor or Client or both, Client agrees to indemnify and hold harmless Consultant, and Consultant's officers, employees, agents and representatives, from and against liability for all Professional Liability claims, losses, damages and expenses whether or not insured, including reasonable attorney's fees.

If acceptable please sign, date and return to WRECORP (Signed proposal represents a signed contract)

WRECORP (Western Roof Evaluation Corporation)

Consultant

By: _____

Jerry L. Brown

Signature in ink

4/27/2015

Date

Name: Jerry L. Brown

Title: President

Owner _____

By: _____

Signature in ink

Date

Name: _____

Title: _____

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District: **Morenci Unified**
 BRG Project Number: **060218002-1001-001BRG**
 Project Description: **Roof replacement**
 Architect of Record: **n/a**
 Contractor: **WRECORP**

Greenlee County

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost	\$ -
Contingency ①	\$ -
Architecture / Engineering (A&E)	\$ 2,000
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ 2,000
Total SFB Funded Project Cost:	\$ 2,000
District Share (Local Funds):	\$ -
SFB Board Approved Amount:	\$ 2,000
Total Project Cost:	\$ 2,000

① Contingency shall only be used with SFB staff approval

Building Renewal Grant Application

Initial Submission Date: 3/9/2015 3:12:32 PM

Application ID: 1912

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Morenci Unified District
Superintendent: David Woodall
Contact Person: David Woodall
Contact Phone Number: 928 865 7203
Contact Email: dwoodall@morenci.k12.az.us
School Site: Morenci Junior/Senior High School
Buildings: 1001 Cafeteria

Application Title: Cafeteria roof

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Cafeteria roof in failing. Roof is approximately 20 years old and leaks in many areas. Has damaged interior ceiling tiles and leaked on interior walls.

Project Category: Roofing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

This is not covered under our Insurance Trust or by warranties.

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Superintendent Printed Name

Superintendent Signature

Date

PROPOSAL

PROJECT IDENTIFICATION	
PROJECT NAME	Morenci Unified School District (David Woodall)
PROJECT	Morenci Junior & Senior High School
SITE ADDRESS	538 Stadium Dr.
	Duncan, AZ 85540

PROPOSAL

This proposal, dated this day of April 27, 2015, is between Morenci Unified School District ("Client") and WRECORP (Western Roof Evaluation Corporation) ("Consultant") to set forth and further define the Scope of Services for the project generally referred to as Roof Inspection. If accepted this document shall form an agreement between the client and the consultant.

Client and Consultant, after negotiation, have defined the Scope of Services as follows:

- Assess existing roof conditions on building at site address listed above.
- Create a report detailing typical or systemic adverse conditions with photo documentation.
- Create a footprint CAD of existing roofs, determining square footage.
- Provide recommendation for repairing, restoring or replacement of existing roofs.
- Provide budget for solutions.

Fees: \$2,000.00

Compensation for services and terms of payment shall be as follows: Due upon receipt of invoice.

Limitations on Consultant's Responsibility, Indemnity & Insurance

Client acknowledges that Consultant is performing professional service on behalf of Client and in the event claims, losses, damages or expenses are caused by the negligence of Contractor or Client or both, Client agrees to indemnify and hold harmless Consultant, and Consultant's officers, employees, agents and representatives, from and against liability for all Professional Liability claims, losses, damages and expenses whether or not insured, including reasonable attorney's fees.

If acceptable please sign, date and return to WRECORP (Signed proposal represents a signed contract)

WRECORP (Western Roof Evaluation Corporation)
Consultant

By: Jerry L. Brown 4/27/2015
Signature in ink Date

Name: Jerry L. Brown
Title: President

Owner _____

By: _____
Signature in ink Date

Name: _____
Title: _____

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Palominas Elementary**
 Project Number: **02034900S-9999-002BRG** Cochise County
 Project Description: **Correct drainage issues**
 Architect of Record: **Robert Polcar Architects, Inc. (480-675-9760)**
 Contractor: **TBD**

Board approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost	\$ -
Contingency ①	\$ -
Architecture / Engineering (A&E) Fees	\$ 21,490
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ 21,490
Total SFB Funded Project Cost:	\$ 21,490
District Share (Local Funds):	\$ -
SFB Board Approved Amount:	\$ 21,490
Total Project Cost:	\$ 21,490

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 4/8/2015 2:44:44 PM

Application ID: 1963

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Palominas Elementary District
Superintendent: Marylotti Copeland
Contact Person: Marylotti Copeland
Contact Phone Number: 5203666204
Contact Email: copelandm@palominas.k12.az.us
School Site: Valley View Elementary
Buildings: 9999 School Wide

Application Title: Valley View Flood Abatement

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Flooding issues on the campus.
Trust has been our multiple years to mitigate damage.
Need substantial grading work to resolve.

Project Category: Surfaces

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Insurance has covered the damage created to the building from the multiple years of flooding. They will not, however, cover the costs of grading to alleviate the issue.

With District Additional Assistance continuing to be cut, the district is not currently in a position to cover the cost of a project of this magnitude.

Liaison: Demland

ddemland@azsfb.gov

602-542-6567

April 15, 2015

To: Marylotti Copeland, Superintendent
Palominas Elementary District
Valley View Elementary School
Hereford, Arizona

Re: Design Services to Correct Site Drainage Problems

Marylotti,

Thank you for giving us the opportunity to submit a proposal for design and construction administration services for this project. Our understanding of the scope of work is as follows:

Scope of Project

- The campus was constructed in 1999, is located on State Highway 92 in Hereford, Arizona and contains 2 buildings and several playfields with related structures.
- The campus has had ongoing problems with flooding. The Trust has mitigated damage to the buildings on numerous occasions.
- An investigation to determine the cause of flooding was conducted for the Trust by Gervasio and Associates in 2014. The report contained the results and recommendations for re-grading, adding of catch basins and creating several drainage swales to redirect water flow.
- There appears to be problems with location and discharge of roof drain leaders.
- Although the Gervasio report included taking some spot grade elevations there is not an up-to-date survey of existing site conditions.

Scope of Services

- We will conduct a civil survey to locate the buildings and site structures, as well as grade elevations and finished floor levels. The final survey will be prepared in electronic format and will include the parking lots and play areas. The survey will not include the baseball or football fields.
- From the civil survey information we will develop a new grading and drainage plan to mitigate or repair local ponding issues and flooding problems.
- We will prepare a Storm Water Pollution and Prevention Plan.
- We will make recommendations for changes to locations and discharge of the downspouts as well as possible options for new and simplified sidewalks locations.
- We will prepare a construction document package for bidding to contractors.
- We will assist in advertising and bidding the project and in selecting a contractor.
- We will provide construction administration services, make two civil inspections, attend construction meetings and review and approve contractor pay requests.



Fee

The fee for architectural and engineering services, as described above, including the civil survey, inspection, construction drawings and construction administration would be as outlined below. The fee includes travel expense.

Initial Inspection	\$800
Civil Survey	\$2,400
Plans/Details	\$8,890
Bidding	\$3,800
Construction Admin	\$5,600
<u>Total</u>	<u>\$21,490</u>

Not included are: environmental or soils testing, state, city or county permits, county or state submittals and/or coordination with state agencies other than the School Facilities Board.

Additional services such as extra on-site inspections, additional engineering beyond the scope, etc. if requested, would be \$85/hr for an architect and \$125/hr for civil or structural engineer. If required as part of the additional services mileage would be billed at \$0.43/mile, printing and delivery billed at cost.

We are listed as a vendor in Procure AZ as well as 1GPA (#13-103). We are in compliance with all current State of Arizona insurance requirements.

Again, thanks for the opportunity; we look forward to working with you on this project.

Sincerely,



Bob Polcar, RA
Robert Polcar Architects, Inc.

.cc Dan Demland

SCHOOL FACILITIES BOARD

BUILDING RENEWAL GRANT

Detail of Additional Cost and Contingency
 Building Renewal Grant Fund

District: **Show Low Unified**
 BRG Project Number: **090210111-1001-007BRG** Navajo County
 Project Description: **Replace air handler**
 Consultant: **Arizona Pinnacle Engineering, LLC (623-594-9049)**
 Contractor: **TBD**

Board Approval: 5/6/2015

School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost: (cost estimate provided by architect or contractor)	\$ -
Contingency ①	\$ -
Additional Cost:	
Architecture / Engineering (A&E) Fees	\$ 5,250
Survey & Required Reports, Printing, Permits, Advertising, Etc.	\$ -
Testing & Inspection	\$ -
Total Additional Cost:	\$ 5,250
Total SFB Funded Project Cost:	\$ 5,250
District or Local Funds:	\$ -
SFB Board Approved Amount:	\$ 5,250
Total Project Cost:	\$ 5,250

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date:

Application ID: 1987

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Show Low Unified District
Superintendent: Kevin Brackney
Contact Person: Ralph Smith
Contact Phone Number: 928-243-5289
Contact Email: rcsmith@show-low.k12.az.us
School Site: Whipple Ranch Elementary School (formerly Show Low Primary School)

Buildings:

Application Title: Air handler

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Trane Climate Changer Model V3G378A B 001 0050 Serial number K88L34759 Primary coil 1T0D2B5E100E0B2B has split open in various locations. The District has dismantled the housing to expose the coil and found the splits some are not accessible to repair. Contacted Trane for a replacement. Trane said due to the age of unit the coil is no longer available. This unit is twenty five years old. At this time We are asking for engineering services to design new unit.

Project Category: HVAC

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? ?

Available Funding

Amount of Local funds planned for this project \$0.00

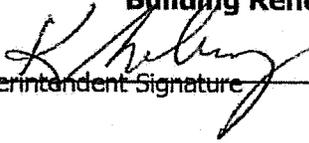
Please outline any associated insurance coverage.

Liaison: Cruse pcruse@azsfb.gov 602-364-1193

Kevin Brackney

Superintendent Printed Name

Building Renewal Grant Application



Superintendent Signature

4-15-15
Date



ARIZONA PINNACLE ENGINEERING, LLC
Mechanical and Electrical Consulting Engineers

Steven F Durand, P.E. Rodney L Hillis, P.E. Eudjen Savu, P.E. Scott E Woods, P.E.

April 14, 2015

Show Low Unified School District #10
500 West Old Linden Road
Show Low, Arizona 85901

Attn: Mr. Ralph Smith

**Re: Air Handling Unit Replacement at Whipple Ranch Elementary School
Proposal for Mechanical and Electrical Engineering Services P15090**

Dear Mr. Smith:

Arizona Pinnacle Engineering, LLC (AZPE), is pleased to propose the following Agreement for mechanical, electrical, and structural engineering services for the replacement of the failing air handling unit at Whipple Ranch Elementary School in Show Low, Arizona.

The Total Engineering Fee is \$5,250.00.

This proposal is valid for a period of sixty (60) calendar days from the date of its issuance. If this proposal is not accepted within the stipulated time period, we reserve the right to cancel this Agreement or to renegotiate the fees. If signed and returned, or if not rejected but accepted by our proceeding with the work upon your request, this document shall constitute a contractual Agreement between us.

PARTIES TO CONTRACT

This Agreement is made between the Show Low Unified School District #10, hereinafter referred to as the Client, and Arizona Pinnacle Engineering, LLC, hereinafter called the Engineer, and each is bound to the Agreements outlined herein. Neither party may assign, sublet, or transfer its interest in this Agreement without written consent of the other party.

SCOPE OF BASIC ENGINEERING SERVICES

For the purpose of this contract "Basic Engineering Services" shall include the following:

Show Low Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15090

April 14, 2015

Page 2

General

1. The mechanical, electrical, and structural engineering services to be provided under this Agreement will include a Verification of Existing Site Conditions Phase, a Construction Documents Phase, a Pre-Bid Phase, a Shop Drawing Review Phase, a Construction Support and Observation Phase, a Final Punch Phase, and a Records Drawing Phase.
2. AZPE will visit the jobsite at the beginning of the project to verify the existing mechanical, electrical, and structural conditions.
3. AZPE will transcribe the existing architectural, mechanical and electrical drawings to electronic documents including any revisions to the area discovered by the site verification phase.
4. AZPE will provide a site plan showing the general area of construction.
5. Original drawings and specifications in electronic PDF format will be issued as the evidence of the completed design.
6. AZPE will attend one Pre-Bid Meeting via Teleconference.
7. AZPE will coordinate with the Client or the Contractor on any clarification of the mechanical and electrical plans or specifications during construction.
8. AZPE will review shop drawings for the new mechanical and electrical equipment solely for conformance with the Engineer's design intent and instruments of service.
9. AZPE will visit the project upon the request of the Client during construction of the mechanical and electrical systems to become generally familiar with the progress and quality of the Contractors' work and to determine if the work is proceeding in general conformance with the Contract Documents.
10. Upon completion of construction, AZPE will prepare a set of Mechanical and Electrical Record Documents conforming to the marked-up prints, drawings, and other data furnished to the Engineer by the Contractor. The Record Documents will show the reported location of the work and significant changes made during construction. AZPE will submit the Record Documents in hard copy and electronic media.
11. AZPE will exercise due and reasonable diligence to complete the services described herein within a mutually agreed upon time frame. If AZPE discerns that the schedule will not be met for any reason, the Client will be notified as soon as practically possible.

Show Low Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15090

April 14, 2015

Page 3

Heating, Ventilating and Air Conditioning (HVAC)

1. AZPE will prepare heating and cooling load calculations in accordance with ASHRAE methodology.
2. AZPE will prepare ventilation calculations in accordance with local code requirements.
3. AZPE will design and specify a new air handling unit for this project.
4. AZPE will design and specify revisions to the existing ductwork as required to install the new air handling unit.
5. AZPE will coordinate the design features of the HVAC system with other A/E disciplines.

Electrical

1. AZPE will prepare electrical load calculations in accordance with NEC requirements.
2. AZPE will design and specify branch circuits to all new mechanical equipment. Note: The new electrical design will be based on the assumption that the existing electrical distribution will accommodate this new equipment.
3. AZPE will coordinate the design features of the electrical systems with other Engineering disciplines.

Structural

1. AZPE and its Structural Consultant will prepare structural calculations to determine if the existing structure can accommodate the new air handling unit. The Structural Consultant will provide a letter documenting the capacity of the existing structure. If structural improvements are required, then the structural design will be an additional service.
2. AZPE and its Structural Consultant will coordinate the design features of the structural systems with other A/E disciplines.

EXCLUSIONS

The following items shall be excluded from AZPE's Scope of Basic Engineering Services:

1. Printing or reproduction costs for plan review or bid documents.
2. Cost of obtaining any permits.
3. Cost of hiring a locator service to determine the location of existing concealed utilities.

Show Low Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15090

April 14, 2015

Page 4

4. Detailed comparisons of various mechanical, electrical, or structural systems or special components.
5. Preparation of short circuit, arc flash analysis and protective device coordination study.
6. 3D or 4D building information modeling (BIM) of the mechanical or electrical systems.
7. Commissioning of the project whereby AZPE conducts detailed tests to verify the proper operation of the various mechanical and electrical systems and components. This is normally the responsibility of the installing contractor(s), but can be verified by AZPE.

CLIENT RESPONSIBILITIES

The Client shall be responsible for the following items:

1. Provide access to the project area during normal business hours and a ladder, as required.
2. Furnish existing mechanical, electrical, and structural plans for coordination purposes.
3. At project completion, provide the Engineer with one set of final plans and specifications.

ENGINEERING FEES

<u>Task</u>	<u>Fees</u>
Verification of Existing	\$800.00
Construction Documents	\$1,500.00
Allowance for Structural Verification of Existing	\$1,000.00
Pre-Bid Meeting	\$150.00
Shop Drawing Review	\$100.00
Substantial Competition Site Observations*	\$800.00
Final Punch**	\$800.00
M, E, & S Record Documents	<u>\$100.00</u>
TOTAL	\$5,250.00

*Includes up to one (1) mechanical man-trip as a substantial completion.

**Includes up to one (1) mechanical man-trip as a final punch.

Show Low Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15090

April 14, 2015

Page 5

Any additional construction observations will be performed on a man-trip basis for a fee of **\$800.00** per man-trip including travel time, report writing, and follow-up.

Certain costs shall be considered "reimbursable costs", namely, multiple copies of documents for review, bidding, or construction; and Client-requested express courier charges. Fees and permits for measuring static pressure at nearby water mains shall also be considered as reimbursable costs. Reimbursable costs will be billed to the Client at our cost.

AZPE will provide one set of reproducible documents in electronic PDF format for Owner/Client review upon the completion of major milestones, e.g., at the 60% and 100% submittal phases. Additional sets of plots of large format drawings will be billed at \$4.00 per plot.

We will bill monthly based on percentage of work completed. We reserve the right to charge 1.5% per month interest on any unpaid balance after 30 days of invoice date.

ADDITIONAL SERVICES

If during the performance of the work you require that Arizona Pinnacle Engineering, LLC, provide services that are not included in our Scope of Basic Engineering Services, we will initiate an Additional Services Letter that will require your signature prior to completing such "Additional Services". Additional Services are available on an hourly or lump sum fee basis, depending on task. We are enclosing our Hourly Billing Rate Schedule for your reference.

Review of Contractor-prepared shop drawings that depict a design scheme significantly different than that shown on the Contract Documents can be performed on an hourly fee basis, as an additional service.

Additional Services during construction include items such as substitution of materials due to delivery schedules after shop drawing approval, working out any solutions or alterations to Contractor-generated problems, working out any conflicts due to lack of coordination by the General Contractor or Subcontractors, or any Owner/Architectural-generated changes. This includes letters, phone calls, investigations, etc., caused by the above. If the time spent by us is a result of our own errors or omissions, it is understood such time will not be billable.

LIMITS OF RESPONSIBILITY

The services to be performed by the Engineer under this Agreement are intended solely for the benefit of the Client. Nothing contained herein shall confer any rights upon or create any duties on the part of the Engineer toward any person or persons not a party to this Agreement including, but not limited to any consultant, sub-consultant, or the agents, officers, employees, insurers, or sureties of any of them.

Show Low Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15090

April 14, 2015

Page 6

The Client and the Engineer waive all rights for damages, each against the other and against the sub-consultants, agents, and employees of the other, but only to the extent covered by property insurance during or after the performance of the work described herein except such rights as they may have to the proceeds of such insurance.

CESSATION OF WORK

Arizona Pinnacle Engineering, LLC, reserves the right to cease work, without legal penalty if payment for services is not received by AZPE within 15 days of the date that the Client receives payment from the Owner.

TERMINATION OF CONTRACT

This contract shall be terminated if either of the following conditions exists:

1. Immediately upon written notice that the Prime Agreement has been terminated.
2. Upon seven (7) days written notice should either party fail to perform in accordance with the articles of this Agreement. In the event of termination of this Agreement for reasons beyond the control of Arizona Pinnacle Engineering, LLC, the Engineer shall be compensated for all costs and expenses incurred in connection with the production of the project, based upon a pro-rata portion of the engineering work completed.

MEDIATION

Any claim or dispute arising out of, or related to, this Agreement shall be subject to mediation as a condition precedent to arbitration or the institution of legal or equitable proceedings for either party. The parties shall endeavor to resolve claims or disputes between them by mediation which, unless the parties mutually agree otherwise, shall be in accordance with the Construction Industry Mediation Rules of the American Arbitration Association currently in effect. The parties shall share the mediators fees and filing fees equally. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

ARBITRATION

All claims or disputes arising out of, or related to, this Agreement shall be subject to arbitration. Claims or disputes between the parties that are not resolved by mediation shall be decided by arbitration which, unless the parties mutually agree otherwise, shall be in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association currently in effect. The award rendered by the arbitrator or arbitrators shall be final, and judgment may be entered upon it in accordance with the applicable law in any court having jurisdiction thereof.

Show Low Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15090

April 14, 2015

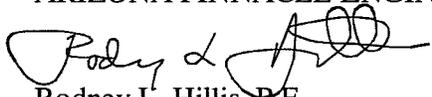
Page 7

OFFER AND ACCEPTANCE

We have made an extra effort to be competitive on this proposal. If there is any item in the scope of work that you would like us to omit or add, please call.

We appreciate the opportunity of working with you again and know it will be mutually beneficial.

Sincerely,
ARIZONA PINNACLE ENGINEERING, LLC



Rodney L. Hillis, P.E.
Managing Member

If the terms of this Agreement are acceptable, please indicate your acceptance and return a copy to our office. A signed Agreement is required prior to our commencing work.

Client Signature / Title

Date



ARIZONA PINNACLE ENGINEERING, LLC
Mechanical and Electrical Consulting Engineers

Steven F Durand, P.E. Δ Rodney L Hillis, P.E. Δ Eudjen Savu, P.E. Δ Scott E Woods, P.E.

HOURLY RATE SCHEDULE

All work which is authorized as Hourly Services will be charged at the following hourly billing rates:

Manager	\$175.00
Engineer	\$160.00
Senior Designer	\$115.00
Designer	\$105.00
Drafter	\$85.00
Clerical	\$75.00

The above rates are valid through December 31, 2015.

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: May 6, 2015

Agenda Item VI.g.

**Subject: VI. Building Renewal Grant Requests
g. Consideration and possible vote to accept, reject or modify
Building Renewal Grant Requests (denial)**

Mesa Unified

Background – Mesa Unified (Field ES - mechanical well roof replacements)

Mesa Unified has submitted a Building Renewal Grant request for the repair of the mechanical well roofs due to ponding water on Buildings 1002, 1003, 1004 and 1005 at Field Elementary School.

Mesa Unified has 90 schools. Field Elementary School is comprised of 15 buildings constructed between 1966 and 2003, totaling 62,788 square feet. Below is a breakdown of the buildings in this request.

Building No.	Year Built	Square Footage
1002	1975	8,517
1003	1975	8,517
1004	1975	8,517
1005	1975	8,517
	Total:	34,068

Rain water ponds in the mechanical wells. The structural engineer has determined that the weight of ponding water does not exceed the roof load capacity. The roofing material is intact and has not reached a point that would require replacement.

Criteria for Eligibility

Pursuant to A.R.S. §15-2032, Building Renewal Grant Funds are only available to correct primary building renewal projects.

The project does not qualify as a primary building renewal project.

Staff Recommendation – Mesa Unified (Field ES – mechanical well roof replacements)

Staff recommends that Mesa Unified's request for Building Renewal Grant funding for mechanical well roof replacement on Buildings 1002, 1003, 1004 and 1005 at Field Elementary School be denied because it appears the request does not meet the statutory requirements for Building Renewal Grant funding. The roofs currently meet the Minimum School Facility Guidelines.

Board Action Requested: [] information [X] action / described below

Board approval of the staff recommendation that Mesa Unified School District's request for Building Renewal Grant funding to replace all the roofs within the mechanical wells at Field Elementary School be denied because it appears the request does not meet the statutory

requirements for Building Renewal Grant funding. The roofs currently meet the Minimum School Facility Guidelines.

R7-6-265. Building Systems

A. Building systems in a school facility must be in working order and capable of being properly maintained. A building system shall be considered to be in "working order and capable of being maintained," if all of the following:

1. The system is capable of being operated as intended and maintained.
2. Newly manufactured or refurbished replacement parts are available.
3. The remaining life expectancy of the system, at the time of the initial statewide assessment, is at least three years.
4. The system is capable of supporting the gross square footage standard and minimum school facility guidelines established in this Article.
5. Components of the system present no imminent danger of personal injury.

B. Building systems include, as required by law, roof, plumbing, telephone, electrical, and heating and cooling systems as well as fire alarm, two-way internal communication, computer cabling, and existing security systems.

Attachments: Yes [X] No []

Building Renewal Grant Application

Initial Submission Date: 3/20/2015 10:45:31 AM

Application ID: 1943

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Mesa Unified District

Superintendent: Dr. Michael Cowan

Contact Person: Todd Poer

Contact Phone Number: 928-595-1400

Contact Email: ftpoer@mpsaz.org bksylvester@mpsaz.org remichal@mpsaz.org

School Site: Field Elementary School

Buildings:

1002	A2000
1003	A3000
1004	A4000
1005	A5000

Application Title: Request to replace failing roof on 4 upper pods.

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

The mechanical areas on the upper center areas of four classroom pods at Field Elementary School have ponding water that creates additional weight to this section of roof and also creates a safety concern for our HVAC mechanics working on these units while standing in ponding water. These roofs were completed on 9/9/1994 and are no longer under warranty. The ponding water has stayed on the roof for up to five days. The roof structure that supports the HVAC equipment does not have sufficient slope to drain the storm water.

Project Category: Roofing

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding

Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Building Renewal Grant Application

Failure is not due to theft, vandalism, or wind, therefore, it is not covered by insurance.

The Mesa School District has paid for and obtained Architect's roof inspection report, roof consultant's inspection report and engineer's structural analysis towards our contribution for this grant application with a cost of \$7,900.00.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Superintendent Printed Name

Superintendent Signature

Date

GERVASIO & ASSOC., INC.

CONSULTING ENGINEERS
77 EAST THOMAS ROAD, SUITE 120
PHOENIX, ARIZONA 85012
(602) 286-1720 • (602) 286-1530 (FAX)

March 3, 2015

Mr. Boyd Thacker
BROCK CRAIG & THACKER, ARCH., LTD.
145 East University Drive
Suite 3
Mesa, AZ 85201

RE: FIELD ELEMENTARY SCHOOL
2325 East Adobe Street, Mesa, Arizona
RE-ROOFING LOAD STUDY
G&A Job No. 4128 S

Dear Mr. Thacker:

In accordance with your request we have completed our visual observations of the existing roofs at the above referenced location. The following letter presents our findings and conclusions and includes:

- Appendix A: 2012 International Building & International Existing Building Code (Excerpts)
- Appendix B: Field Elementary School Re-Roof Drawings prepared by Brock Craig and Thacker Architects, Ltd. dated January 30, 2015

The Mesa School District is in the process of removing the existing roofing from the raised mechanical platforms on the Classroom roofs installing new roofing (Appendix B) at the above referenced location. **Our assignment** was limited to determining if the new roofing system is comparable in weight to the existing roofing system.

FINDINGS, CONCLUSIONS & RECOMMENDATIONS

Field Elementary School is located at 2325 East Adobe Street in Mesa, Arizona. It was constructed before 1979 (based on Maricopa County historical aerial photography) and consists of four (4) hexagonal Classroom pod buildings (Pods), an Administration Building and a Multi-Purpose Building. Pod construction consists of light gage steel metal deck over structural steel roof framing (both open web steel joists and wide flange steel beams) supported by structural steel columns at the building's interior and structural concrete masonry walls at the building's perimeter.

Re-Roofing

We understand that all of the existing roofing materials (e.g. single ply membrane and rigid insulation board) will be removed in their entirety. The weight of the proposed roofing system, provided by Brock Craig and Thacker, Ltd (BCT) is less than the weight of the existing roofing samples provided to G&A by the school district for weighing and measuring.

Mr. Boyd Thacker
March 3, 2015
G&A Job No. 4128 S
Page 2

We conclude that the described system meets the 2012 International Building Code (IBC) and 2012 International Existing Building Code (IEBC) requirements for placing a new roofing system on an existing structure (see Appendix A).

Roof Damage

During our site visit we looked for, but did not observe, any visible indications of structural roof damage such as roof sag, ceiling sag, etc.

This letter is based on the facts and evidence known to us as of this date and may be amended if new facts and/or evidence are presented or discovered.

We appreciate the opportunity to provide this service and welcome any questions.

Sincerely,

GERVASIO & ASSOC., INC.



Expires 3-31-16

Jack Gordon, P.E.
Forensic Structural Engineer

JEG:rz

GERVASIO & ASSOC., INC.

CONSULTING ENGINEERS
77 EAST THOMAS ROAD, SUITE 120
PHOENIX, ARIZONA 85012
(602) 285-1720 • (602) 285-1530 (FAX)

August 26, 2014

Mr. Boyd Thacker
BROCK CRAIG & THACKER, ARCH., LTD.
145 East University Drive, Suite 3
Mesa, AZ 85201

RE: FIELD ELEMENTARY SCHOOL
2260 West Isabella Avenue, Mesa, Arizona
ROOF PONDING INVESTIGATION
G&A Job No. 4128 F

Dear Mr. Thacker:

In accordance with your request, we have completed our investigation of the reported water accumulation (ponding) on the Classroom pod roofs at the above referenced location. This letter presents our findings, conclusions and conceptual recommendations.

During our site visit by Jack Gordon, P.E. of Gervasio & Assoc., Inc. on August 22, 2014, we took sixteen (16) digital photos, one (1) printed copy each and a CD are enclosed.

Our assignment was limited to making cursory observations of the visible portions of the roof from above and below to identify possible signs of structural distress due to the water ponding on the roofs.

FINDINGS, CONCLUSIONS & RECOMMENDATIONS

Field Elementary School is located at 2325 West Adobe Street in Mesa, Arizona. It was constructed before 1979 (based on Maricopa County historical aerial photography) and consists of four (4) hexagonal Classroom pod buildings (Pods), an Administration Building and a Multi-Purpose Building. Pod construction consists of light gage steel metal deck over structural steel roof framing (both open web steel joists and wide flange steel beams) supported by structural steel column at the building's interior and structural concrete masonry walls at the building's perimeter.

There is a single, large HVAC unit on the roof of each Pod which is screened from view. The roof structure supporting the HVAC is slightly higher than the surrounding roof with a vertical step up which corresponds to the screen location.

At all HVAC locations we observed:

- Ponding water around the HVAC curb (Photographs A2, A3, A5, A8, A10, A12 & A14). The accumulated water was approximately 3/8 in. deep at the time of our site visit (Photographs A4, A9, A11 & A15).
- The roof structure supporting the HVAC appears to have been constructed flat (without positive slope).

Mr. Boyd Thacker
August 26, 2014
G&A Job No. 4128 F
Page 2

We also walked the interior of the Pods looking for, but did not observe, signs of structural distress such as noticeable sags in the ceilings, cracks in the interior ceiling and wall finishes, separations between abutting assemblies (e.g. between soffits and walls), etc.

We did observe screws which have punched through the vertical surfaces of soffits in several of the Classrooms. These screw damages correspond to locations where data cable hangers have been attached to the soffit from the back side and are **not** related to the ponding water on the roof.

We **conclude** the roof structure which supports the HVAC does not have sufficient slope to drain storm water. However, the observed amount of ponded water (up to 3/8 in. deep) is well below the Building Code required design roof live load of 20 pounds per square foot (psf) and does **not** create a dangerous condition as defined by the International Existing Building Code (IEBC). The roof structure appears to have been constructed flat, or nearly so. The weight of the HVAC resulted in a minor amount of normal and expected deflection of the roof structure. Thus, the storm water cannot properly drain from the roof.

We **recommend** that the roof slope be improved to provide positive drainage. A roof load study should be performed for any alterations of the roof which may add load such as new/replacement HVAC units, changes in roofing, etc. Also, maintenance personnel should sweep water from the roof after storms until the roof slope can be corrected.

This letter is based on the facts and evidence known to us as of this date and may be amended if new facts and/or evidence are presented or discovered.

We appreciate the opportunity to provide this service and welcome any questions.

Sincerely,

GERVASIO & ASSOC., INC.

Jack Gordon, P.E.
Forensic Engineer

JEG:blm

Enclosure



Expires 3-31-16

**Emergency Deficiency Fund Balance
April 29, 2015**

Revenues		
	Transfers From the New School Facilities Fund	\$16,088,364
	Transfers from Deficiency Corrections Fund	\$700,434
	Transfer from BRG Appropriation per SB 1469	\$1,000,000
Total Revenues		\$17,788,797
Obligations to Date *		(\$16,380,114)
Balance **		\$1,408,683
May 6, 2015 Awards		(\$373,579)
Balance **		\$1,035,104

The Board has awarded 81 projects.
9 projects are in construction
72 projects are complete

* Includes projects authorized by Executive Director and presented to Board for ratification 5/6/15.

** Includes savings from projects closed out since last Board meeting (listed below).

Projects closed out since the last Board meeting:

District	Project No.	Scope	Award	Amount Expended	Remaining Balance
Bullhead City ESD	001	Surfaces	\$50,000	\$43,227	\$6,773

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting date: May 6, 2015

Agenda Item VII.a.

Subject: VII. Emergency Deficiencies Correction Requests

- a. Consideration and possible vote to ratify the Executive Director's awards of Emergency Deficiencies Correction funds as authorized by the Emergency Deficiencies Policy VI.B. (up to \$30,000 for professional evaluation) (including supplemental award)**

Wickenburg Unified

Background – Wickenburg Unified (Wickenburg HS – connection to city sewer)

On June 25, 2014, the Board awarded Wickenburg Unified \$7,337 in Building Renewal Grant funding for the evaluation of the wetlands wastewater treatment system that is failing (project number 070209201-9999-004BRG). The investigation is complete and one of the findings is that there has not been sufficient preventative maintenance on the wastewater treatment system, while failure of some of its components would have happened in any event due to normal aging of the system.

The engineer's estimate for the repairs to bring the wetlands back to working condition is between \$590,575 and \$869,525. There are a number of components underground that will need to be exposed prior to a decision for repair or replacement; thus, the spread in the estimate.

Due to the lack of appropriate preventative maintenance, the balance of funding to fix the wastewater treatment system cannot be Building Renewal Grant funding. The district submitted an Emergency Deficiencies Correction request for this reason.

Staff met with the engineer and the district's wastewater engineer at the site to discuss alternatives to the original solution to restore the wetlands. It was suggested that it might be possible to connect to the City of Wickenburg's wastewater sewer. After the discussion and review of the site and pathways to the city sewer lines it was determined that this solution was possible and likely at a much lesser cost than the original wetlands restoration solution.

On April 15, 2015, Executive Authority was invoked to award \$3,845 (includes \$1,000 contingency) in Emergency Deficiencies Correction funding for an investigation into connecting to the city sewer (project number 070209201-9999-002EP). This investigation is now complete and the engineer's construction estimate is \$361,876 for design and construction. This is a minimum savings of \$228,699 when compared to the original wetlands restoration project.

Initial EDC Award 4/15/2015

Investigation	\$2,845
Contingency	\$1,000
<hr/> Total	<hr/> \$3,845

Supplemental funding requested:	
Construction	\$234,600
Design/construction administration	\$94,400
Contingency	\$44,579
Total supplemental funding requested:	\$373,579

Total project cost: \$377,424

Criteria for Eligibility

A.R.S. §15-2022, paragraph E.: For the purpose of this section, “emergency” means a serious need for materials, services or construction or expenses in excess of the district’s adopted budget for the current fiscal year that seriously threatens the functioning of the school district, the preservation or protection of the property or public health, welfare or safety.

Staff Recommendation – Wickenburg Unified (Wickenburg HS – connection to city sewer)

Staff recommends that Wickenburg Unified be awarded \$377,424 in Emergency Deficiencies Correction funding to connect Wickenburg High School’s wastewater lines to the city sewer (project number 070209201-9999-002EP). This includes ratification of the Executive Authority award of \$3,845 and \$44,579 in contingency that will only be used with SFB staff approval.

Board Action Requested: [] information [X] action / described below

Board approval of the staff recommendation that Wickenburg Unified be awarded \$377,424 in Emergency Deficiencies Correction funding to connect Wickenburg High School’s wastewater lines to the city sewer (project number 070209201-9999-002EP). This includes ratification of the Executive Authority award of \$3,845 and \$44,579 in contingency that will only be used with SFB staff approval.

Attachments: Yes [X] No []

SCHOOL FACILITIES BOARD

EMERGENCY DEFICIENCIES CORRECTION

Detail of Additional Cost and Contingency
 X Emergency Deficiencies Correction Fund

District: **Wickenburg Unified**
 BRG Project Number: **070209201-9999-002EP** Maricopa County
 Project Description: **Connection to city sewer**
 Architect of Record: **n/a**
 Contractor: **Fluid Solutions (Norm Fain 602-707-7777)**
 Executive Authority: **4/15/2015**
 Board ratification: **5/6/2015**

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:		\$ 234,600
Contingency ①		\$ 45,579
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 94,400
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 2,845
Testing & Inspection		\$ -
Total Additional Cost:		\$ 97,245
Total SFB Funded Project Cost:		\$ 377,424
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 377,424
Total Project Cost:		\$ 377,424

① Contingency shall only be used with SFB staff approval.

Emergency Deficiencies Correction Funding Application

Initial Submission Date: 4/14/2015 3:18:31 PM

Application ID: 1982

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Wickenburg Unified District
Superintendent: Dr. Howard Carlson
Contact Person: M. Victoria Farrar
Contact Phone Number: 928-668-5353
Contact Email: vfarrar@wickenburg.k12.az.us
School Site: Wickenburg High School
Buildings: 9999 School Wide

Application Title: Wetlands

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Assess initial assessment from Fluid Solutions to address sewage/drainage issues with the wetlands. Want to connect to city sewer as opposed to repairing existing wetlands issues as identified by Fluid Solutions. Original cost to repair wetlands is up to \$869,525. May be more cost effective to connect to city sewer, but need further evaluation by Fluid Solutions to assess feasibility of migrating systems.

Project Category: Special Systems

Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school? N

Available Funding Was money to address this issue included in your adopted budget for this fiscal year? N

Current fiscal year building renewal expenditures:	\$0.00
Current balance of unrestricted capital:	\$150,000.00

Please outline any associated insurance coverage.

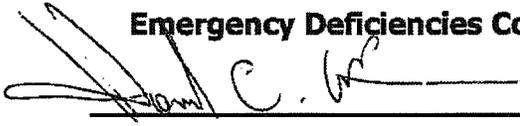
Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Howard Carlson, EdD.
Superintendent Printed Name

Emergency Deficiencies Correction Funding Application



Superintendent Signature

4/13/15

Date



Fluid Solutions

Water • Wastewater • Engineering • Environmental Services

April 13, 2015

Mr. Bill Moran
Wickenburg Unified School District #9
40 West Yavapai Street
Wickenburg, Arizona 85390

Mr. Dean Gray
Mr. Dave Kennon
School Facilities Board
1700 West Washington Street, Suite 104
Phoenix, Arizona 85007

Re: Wastewater Treatment Plant Needs Evaluation Addendum

Gentlemen:

Based on new information provided, Fluid Solutions is pleased to provide you with this proposal to amend the existing evaluation for the wastewater treatment plant at the Wickenburg High School. It is our understanding that the Conservation Easement between the High School and Arizona Game and Fish was never fully executed and filed and therefore does not exist. This allows a for another alternative to connect to the Town's municipal collection system to be considered. This proposal is to prepare an addendum to the previously completed Wickenburg High School WWTP Wetland Evaluation.

Preliminary discussions with the Town indicate that the infrastructure is available north of the Vulture Peak Middle School less than ¼ mile from a likely lift station and force main that will be required to convey flows to the existing sewer. Initial indications from the Town are that capacity will not likely be an issue.

We propose to visit the treatment plant while operations staff is present to gain a more detailed understanding of the issues in the field. We will combine our observations with the permit requirements and Operations & Maintenance manual requirements to recommend solutions for improving facility operations. Our recommendations will include costs for design, permitting (if necessary), and construction of improvements. Work to repair existing treatment components with similar equipment and processes as currently permitted should not require permits as this is viewed as maintenance by regulators; however, if any additional infrastructure, such as preliminary treatment is required, this must be permitted through the Arizona Department of Environmental Quality.

Considerations included in this addendum will consist of:

- Preliminary sizing for the purposes of preparing an estimate of the capital costs to combine on-site gravity sewers down gradient of the existing septic tanks. These flows will be combined in a lift station to pump through a force main to the Town of Wickenburg municipal sewage collection system.

Mr. Bill Moran, Dean Gray, David Kennon

April 13, 2014

Page 2 of 2

- Evaluate permitting requirements for the new improvements through Maricopa County Environmental Services (MCES) in addition to the required plant closure permit required by the Arizona Department of Environmental Quality (ADEQ).
- Preparation of an addendum to the existing report to add this alternative consideration to the solution matrix for consideration which includes foreseeable capital costs to facilitate this alternative.

We will provide this evaluation for a lump sum of Two Thousand, Eight Hundred and Forty-five Dollars (\$2,845.00). We can complete our evaluation and submit a memorandum of corrective action and costs by April 22, 2015 with authorization to proceed by April 14, 2015. This proposal is an amendment to our previous proposal for facility evaluation and our Standard Terms and Conditions and Standard Schedule of Charges made part of that proposal still apply.

If you are in agreement with this proposal please sign and return or provide a purchase order referencing this proposal in addition to providing the necessary background data requested as our notice to proceed. We are available to answer any questions you may have and look forward to assisting you in resolving your wastewater treatment issues.

Sincerely,

Fluid Solutions



Norm Fain, P.E.

Principal Engineer, Member

AUTHORIZED SIGNATURE

Signature

Printed Name/Title

Date

Encl: Standard Terms and Conditions
Standard Schedule of Charges

Addendum to: Wickenburg High School WWTP Wetland Evaluation

This addendum is intended to be added to the current Report Dated December 2014, as Revised January 2015. It amends the conclusion through consideration of an additional alternative solution to connect to the existing Town of Wickenburg Sanitary Sewer system. This alternative solution is possible because the Conservation Easement for the wetlands requiring them to be maintained into the future was never fully completed and therefore does not exist to restrict the school from closing the wetlands treatment plant and connecting to the Town of Wickenburg sanitary sewer collection system.

A.1 Background

Discussions with the Town have indicated that they are willing to accept the sewage flows from the High School and have available treatment capacity to properly handle the flow. Review of the area indicates that a gravity sewer, sewage lift station, and a force main will be required to deliver flows to the Town system located at the adjacent middle school.

Permitting for this effort will include the Town of Wickenburg, Maricopa County Environmental Services (MCES) and the Arizona Department of Environmental Quality (ADEQ). The Town will have jurisdiction over the connection into their system and Building Safety for the electrical requirements. MCES will review the system modifications to deliver sewage to the Town as well as modifications to the existing treatment plant for closure. ADEQ will review the existing treatment plant for closure of both the plant and the current Aquifer Protection Permit as required by Statute and Code.

A.2 Existing Conditions

Sewage from the school is currently concentrated in two locations downstream of the existing septic tanks. Existing pipes converging on these two locations have shown indications of plugging and should be cleaned. Sewage from these locations can be conveyed via gravity to a single duplex pump station to be located northeast of the building complex outside of the flood plane for the adjacent wash. Currently permitted flows from the school is 16,000 gpd based on the existing Aquifer Protection permit. Considering the normal school operations are condensed into an 8 to 10 hour day, the expected flow to the lift station is 33 gpm during 8 hours of normal operation. One pump at 66 gpm will meet average conditions allowing the duplex to meet peaking conditions while maintaining operational conditions within pump limitations. Figure 1A shows the gravity sewers serving the pump station and force main across the wash.

The wash crossing can be effectively attached to the side upstream of the low water crossing in a double pipe or it can be buried on the upstream side of the crossing using the low water crossing in addition to a subsurface gabion dam to keep the soil in place over the pipe during scour of the wash caused by a storm event. Clean-outs are proposed on each side of the wash crossing with an isolation valve to facilitate pipeline maintenance from the low point to each high point having manholes.

The existing treatment plant will require a formal closure to meet State Statute and Code. We propose pursuing this to leave most of the existing wetland cells in place while filling the surface water cell, removing the mechanical equipment, and disconnecting the water service to cells as we believe this will be the minimum accepted by ADEQ. We are proposing to leave liners in place in addition to the vegetation and subsurface piping in place. This will be required as part of formal closure of the existing plant and cessation of the current Aquifer Protection Permit.

A.3 Recommended Solution for Installation of a Lift Station to the Town of Wickenburg

Figure A1 provides a graphic of the proposed installation followed by the budget cost estimate. This estimate generally includes the following improvements:

- Removal of the existing septic tank filters, pumping the existing tanks, and cleaning the existing collection piping from the existing septic tanks to the new system components.
- Installation of gravity sewer reaches to collect all available sewage flows in a common sewage lift station for conveyance to the Town of Wickenburg collection system.
- Installation of a duplex lift station and force main to convey flows to the Town system.
- Consulting to develop plans, specifications, assistance with permits, and professional oversight of the construction. Consulting includes geotechnical investigations, survey of the route for easement preparation and design, and formal design of both mechanical and electrical improvements. This also includes our estimate of regulatory permit fees to be paid directly by the School.

Task	Cost
Contractor Costs	\$ 20,263
Existing System Cleaning	\$ 36,000
New Gravity Collection	\$ 40,205
Lift Station and Force Main	\$ 96,428
Existing WWTP Closure	\$ 30,000
Sub-Total Construction	\$222,896
20% Construction Contingency	\$ 44,579
Design, Permitting, and Construction Services	\$ 94,400
Taxes	\$ 11,703
Project Budget	\$361,876

A.4 Comparative Capital Cost Evaluation Between Alternative Solutions

Alternative Treatment Solutions	Estimated Capital Cost
Repair Existing Wetlands	\$620,713 to \$915,075
Replace with Septic NdeN Treatment	\$1,192,365
Replace with Conventional NdeN Treatment	\$1,384,197
Eliminate Treatment & Connect to Town System	\$361,876

Based on this additional analysis made possible because the Conservation Easement does not exist, connection to the Town of Wickenburg is the most cost effective long term solution. It is the lowest capital cost. Operations and maintenance of the lift station will significantly reduce the current O & M of the wetland system operated today. The largest savings will be in water usage and labor to keep the system operational and meeting permit requirements. These will be slightly offset by added power costs and a sewage fee from the Town.



**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: May 6, 2015

Agenda Item VIII.

Subject: VIII. Farewell to Dean Gray

The Board recognizes Dean Gray as he retires from State service.

Board Action Requested: information action / described below

Attachments: Yes No