

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

*** SCHOOL FACILITIES BOARD ***

NOTICE OF PUBLIC MEETING

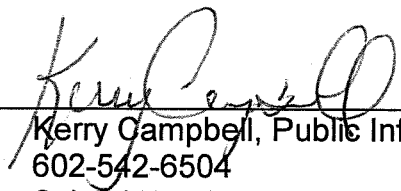
Pursuant to Arizona Revised Statutes Annotated (A.R.S.) §38-431.02, notice is hereby given to the members of the School Facilities Board and to the general public that the Board will hold a meeting open to the public at the date, time and place set forth below. The Board will consider the items listed 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 26th day of March, 2015.

April 1, 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
April 1, 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 March 4, 2015
- IV. Director's Report
 - a. FY2015 Refunding
 - b. Legislative/Budget Update
 - c. Policy Review – V. New Construction
 - d. Director Discussion
- V. Reduction of Square Footage Requests
 - a. Consideration and possible vote to accept, reject or modify Requests for Reduction of Square Footage

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

◆ San Carlos 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)

♦ Litchfield Elementary
♦ Solomon Elementary

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

Supplemental Awards

♦ Cave Creek Unified
♦ Coolidge Unified
♦ Duncan Unified
♦ Flowing Wells Unified (2 requests)
♦ Holbrook Unified
♦ Littlefield Unified

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

Supplemental Awards

♦ Mesa Unified (3 requests)
♦ Mohave Valley Elementary
♦ Mohawk Valley Elementary
♦ Page Unified
♦ St David Unified (3 requests)
♦ St Johns Unified (2 requests)
♦ Tolleson Union

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

Construction Awards

♦ Ajo Unified
♦ Bullhead City Elementary (2 requests)
♦ Casa Grande Elementary (4 requests)
♦ Hyder Elementary
♦ Isaac Elementary
♦ Mesa Unified
♦ Palo Verde Elementary
♦ Payson Unified

- | |
|------------------------------|
| ♦ Pine Strawberry Elementary |
|------------------------------|

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

Construction Awards

- | |
|-----------------------------------|
| ♦ Scottsdale Unified (6 requests) |
| ♦ Sentinel Elementary |
| ♦ Snowflake Unified (5 requests) |
| ♦ Tolleson Elementary |
| ♦ Valley Union |
| ♦ Vernon Elementary |

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

Construction Awards

- | |
|--------------------|
| ♦ Balsz Elementary |
| ♦ Yuma Elementary |

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

Design Awards

- | |
|--------------------------------|
| ♦ Ash Creek Elementary |
| ♦ Cave Creek Unified |
| ♦ Crane Elementary |
| ♦ Douglas Unified (3 requests) |
| ♦ Dysart Unified (2 requests) |
| ♦ Paradise Valley Unified |

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

Design Awards

- | |
|----------------------|
| ♦ Payson Unified |
| ♦ Show Low Unified |
| ♦ Snowflake Unified |
| ♦ Sonoita Elementary |
| ♦ Valley Union |

VII. Emergency Deficiencies Correction Requests

- a. Consideration and possible vote to accept, reject or modify Emergency Deficiencies Correction Requests

Construction Awards

- ◆ Balsz Elementary

- b. Consideration and possible vote to accept, reject or modify Emergency Deficiencies Correction Requests

Design Awards

- ◆ Cedar Unified

VIII. Future Agenda Items

IX. 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.

X. Adjournment

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: April 1, 2015

Agenda Item IV.a.

**Subject: IV. Director's Report (action of the Board may be requested)
a. FY2015 Refunding**

The SFB's Financial Advisor, Stifel, will make a presentation to the Board.

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

Attachments: Yes [X] No []

<p style="text-align: center;">STATE OF ARIZONA SCHOOL FACILITIES BOARD</p>

Meeting Date: April 1, 2015

Agenda Item IV.b.

Subject: IV. Director's Report (action of the Board may be requested)
b. Legislative/Budget Update

The first regular session of the 52nd Legislature opened on January 12, 2015. Staff is tracking a number of bills and will provide information to the Board throughout the session.

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

Attachments: Yes [X] No []

School Facilities Board
2015 Arizona Legislative Regular Session

Bill Tracking List
This update / printing: 3/30/2015

SFB BUDGET 2 Bills

1469: General Appropriations; 2015 – 2016.

Senate Engrossed Version – as signed by Governor Ducey March 12, 2015

See excerpts relating to the SFB at Attachment C.)

For the complete Bill, go to:

<http://www.azleg.gov/legtext/52leg/1r/laws/0008.pdf>

1476: K-12 Education; Budget Reconciliation (BRB); 2015 – 2016.

Senate Engrossed Version – as signed by Governor Ducey March 12, 2015

See excerpts relating to the SFB at Attachment D.)

For the complete Bill, go to:

<http://www.azleg.gov/legtext/52leg/1r/laws/0015.pdf>

NOTE: Bills with the footnote symbol ▼ were not heard in Committee by the March 20, 2015 deadline. Therefore it is assumed that each will not move forward this session by means of normal Legislative Rule and Procedure.

1st TIER PRIORITIES 4 Bills

1065 School Facilities: Guidelines; Projects. ▼ -- Senator Dial

Provisions in this Bill as currently (March 20) amended:

- makes minor technical corrections to conform to Legislative Council style;
 - *SFB has no objection to these technical corrections.*
- excludes all references to reporting changes as originally drafted.
- strikes language giving priority to building renewal grant fund awards “to school districts that can provide a match of monies provided by the fund.”

School Facilities Board
2015 Arizona Legislative Regular Session

Bill Tracking List

This update / printing: 3/30/2015

1065 School Facilities: Guidelines; Projects. ▼ -- Senator Dial (continued)

- *SFB would support, this provision because this language presumed state support for facility preventative maintenance and capital replacement through the Building Renewal Formula Fund that was repealed by the Legislature in 2013 in Special Session.*

Current Status of this Bill (March 20) as amended:

- 03/16/2015 House 2nd Read
- 03/12/2015 Referred to House Education Committee (but not yet scheduled for Hearing)
- 03/04/2015 Passed The Senate (29-0-1-0)

1074 Unused School Facilities: Sale: Lease. -- Senator Ward

Legislative Staff Fact Sheet Excerpt(s):

Purpose

Prohibits school districts from restricting a charter school from negotiating to buy or lease vacant and unused buildings or portions of buildings in the same manner as other potential buyers.

Provisions

1. Prohibits a school district, if that district decides to sell or lease a vacant and unused building or portion of a building, from restricting a charter school from negotiating to buy or lease the unused property in the same manner as other potential buyers or lessees.
2. Requires school districts to attempt to obtain the highest possible value under current market conditions for the sale or lease of the vacant and unused building or portion of a building.
3. Becomes effective on the general effective date.

Prepared by Senate Research / January 26, 2015 / MS/BP/lis

Staff Comments: *SFB will be following the legislative progress of this Bill because it could have implications on a school district's ability to absorb projected student growth. A school district is required to notify the SFB that it intends to permanently dispose of district academic space and must receive SFB approval prior to that disposition.*

Progress:

03/23/2015	on House 3 rd Read calendar
03/19/2015	House C.O.W. recommended DO PASS
03/04/2015	House Education recommended DO PASS (7-0-0-0)
02/16/2015	Passed The Senate (18-11-1-0) transmitted to The House

School Facilities Board
2015 Arizona Legislative Regular Session

Bill Tracking List
This update / printing: 3/30/2015

1077 Child Care Facilities: SFB Guidelines. -- Senator Yee

Legislative Staff Fact Sheet Excerpt(s):

Purpose

Removes language from statute added last year to *build a bridge* between two bills.

Provisions

1. Eliminates the ability of certain child care facilities to incorporate SFB guidelines when selecting facilities.
2. Makes technical and conforming changes.
3. Becomes effective on the general effective date.

Prepared by Senate Research / January 23, 2015 / AW/lis

Staff Comments: *SFB approached Senator Yee to run this Bill, after discussing its need with former Senator John McComish, the sponsor of the McComish Amendment to Senator Yee's SB1102 during last year's Session. See the attached Background Paper for details, prepared in advance of the Senate Staff's Fact Sheet.*

Progress:	03/23/2015	signed into Law by Governor Ducey
	03/18/2015	transmitted to The Governor
	03/17/2015	passed The House (59-0-1-0)
	03/03/2015	Senate Health & Human Services Committee recommended "Do Pass" (8-0-0-1-0)
	02/09/2015	passed The Senate (29-0-1-0) transmitted to The House

School Facilities Board
2015 Arizona Legislative Regular Session

Bill Tracking List
This update / printing: 3/30/2015

2181 Schools: Omnibus Statutory Repeals. -- Representative Boyer

Current Provisions (March 20) as amended:

Staff Comments: *SFB primary concern with the original language in this Bill was with the provision to repeal §15-342.01 School Districts: roof inspection protocol. This provision was passed into Law in the aftermath of two catastrophic roof collapses at schools caused by over-loading by replacement air conditioning units that did not have clearance from a registered structural engineer that the additional loading could be supported by the existing roof structure. **That repeal was taken out of the Bill by Amendment.** Staff was also concerned with the potential health liability risk to the districts and the State of not providing existing notification of pesticide applications at or near schools. The existing Statutes affected are: §15-152. Pest management at schools; notice; §32-2307. Pesticide applications at schools and child care facilities; notifications; exemptions; and Environmental Protection Agency standards for health and safety related to pesticide applications.*

Progress:	03/05/2015	Senate Education Cmte. recommended "Do Pass" (7-0-0-0)
	02/18/2015	Senate 2 nd Read
	02/17/2015	Assigned to Senate Education Cmte.
	02/16/2015	Passed The House with amend. #4065 & floor amend. #4177 (53-4-3-0)
		Transmitted to The Senate

2nd TIER PRIORITIES 5 Bills

2077 Study Committee: School District Funding. ▼ -- Rep. Petersen

The SFB will monitor the progress of this Bill for any indication that it might have implications for facility expansion and / or maintenance.

Progress: 1/21 HELD in House Education – ***no further action***

School Facilities Board
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reviews to the joint legislative audit committee. The school district shall participate in any hearing scheduled during this review period by the joint legislative audit committee or by any other legislative committee designated by the joint legislative audit committee.

2390 Schools: Expenses: Classroom Funding. Rep. Lawrence *continued*

Progress: 01/29/2015 House 2nd Read – *no further action to date*
01/28/2015 referred to House Edu. Cmte. & House Approps. Cmte.

2483 School Tax Credit: Classroom Expenses. -- Rep. Livingston

Same note as HB2390 above

Progress: 03/23/2015 on Senate Rules Cmte. Agenda for Hearing
03/18/2015 Senate Finance Cmte. recommended “Do Pass” (3-1-1-0)
03/16/2015 Senate 1st Read
03/12/2015 Passed The House with amendment #4555 (35-23-2-0)
02/04/2015 House Edu. Cmte. Recommended Do Pass (5-2-0-0-0)

3rd TIER PRIORITIES 2 Bills

2353 School Districts: Unification. ▼ -- Rep. Lawrence

The SFB will monitor the progress of this Bill and analyze possible implications for facilities management

Progress: 01/28/2015 on House Education Agenda, *but no action was posted*
01/26/2015 assigned to Education Committee

2424 Schools: Regional Service Centers. -- Rep. Coleman

The SFB will monitor the progress of this Bill and analyze possible application for facilities management and maintenance benefits to smaller school districts, especially in rural counties.

Progress: 03/12/2015 Senate Edu. Cmte. recommended DO PASS (4-1-2-0)
02/17/2015 Assigned to Senate Edu. Cmte.
02/13/2015 Transmitted to The Senate
02/12/2015 Passed The House (58-0-2-0)

School Facilities Board
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Bill Tracking List

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Watch List of Possible Strike Everything Vehicles ▼ 12 Bills

- 1043 Tech Correction: State Lands – Pierce – no action
2017 Tech Correction: State Land – Mitchell – no action
2018 Tech Correction: State Facilities – Mitchell – no action
2055 Tech Correction: School Bonds – Thorpe –
2/18 Fed. & States Rights Cmte. recommended Do Pass as Amended / Strike Everything
NOW: Sovereign Authority re Waters by Thorpe (4-2-0-2-0)
no further action to date
- 2191 Tech Correction: Private Schools – Boyer – *NOW: graduation; passing score; moratorium*
2/11 House Education Cmte. recommended Do Pass as amended (Strike Everything)
By Boyer – (7-0-0-0-0)
2/19 House C.O.W. recommended do Pass -- **no further action to date**
- 2192 Tech Correction: Student Status Guidelines -- Boyer -- **no further action to date**
2193 Tech Correction: Common School Districts – Boyer –
2/23 Assigned to House Approps. Committee **no further action to date**
- 2194 Tech Correction: School District Boards Boyer –
2/23 Assigned to House Approps. Committee 2/23 Assigned to House Approps.
Committee **no further action to date**
- 2195 Tech Correction: County School Superintendent -- Boyer -- **no action at all**
2196 Tech Correction: Environmental Education – Boyer -- **no action at all**
2226 Tech Correction: Budget Estimates – Weninger -- **no action at all**
2447 Tech Correction: Bond Election – Olson –
2/16 Assigned to House Approps. Cmte.
2/17 House 2nd Read – **no further action to date**

Digest of Bills on SFB Watch List as of 03/23/2015 | 71st day of Session

1 st Tier Priorities	4 Bills
2 nd Tier Priorities	5 Bills
3 rd Tier Priorities	2 Bills
Possible Striker Vehicles	12 Bills
Other Bills relating to “schools”	26 Bills
Budget Bills	2 Bills
<u>TOTAL COUNT OF BILLS</u>	
on SFB Watch List	51
Count of Bills Introduced	
as of March 23, 2015	1,163
Bills Passed	66
Bills Signed into Law	28

School Facilities Board
2015 Arizona Legislative Regular Session

Bill Tracking List
This update / printing: 3/30/2015
ATTACHMENTS

- A.) Briefing Points -- SB1065 -- Introducing Sponsors: Senators Dial & Ward
- B.) Briefing Points -- SB1077 -- Introducing Sponsor: Senator Yee
- C.) Excerpts from SB1469: General Appropriations – FY 2015 – 2016
Senate Engrossed Version – as signed by Governor Ducey March 12, 2015
- D.) Excerpts from SB1476: K-12 Education; Budget Reconciliation; 2015 – 2016
Senate Engrossed Version – as signed by Governor Ducey March 12, 2015

ATTACHMENT A.)

Briefing Points -- SB1065 -- prime sponsors: Senators Dial & Ward
Reference Title: school facilities: guidelines : projects

Amending ARS §15-2011.I and ARS §15-2032. relating to The School Facilities Board

Provisions in this Bill as currently (March 20) amended:

- makes minor technical corrections to conform to Legislative Council style;
 - *SFB has no objection to these technical corrections.*
- excludes all references to reporting changes as originally drafted.
- strikes language giving priority to building renewal grant fund awards “to school districts that can provide a match of monies provided by the fund.”;
 - *SFB would support, this provision because this language presumed state support for facility preventative maintenance and capital replacement through the Building Renewal Formula Fund that was repealed by the Legislature in 2013 in Special Session.*

Current Status of this Bill (March 23) as amended:

- 03/16/2015 House 2nd Read
- 03/12/2015 Referred to House Education Committee (but not yet scheduled for Hearing)
- 03/04/2015 Passed The Senate (29-0-1-0)

End of Attachment A.)

School Facilities Board
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ATTACHMENT B.)

Briefing Points -- SB1077 -- prime sponsor: Senator Yee

Reference Title: child care facilities; SFB guidelines

Amending ARS §15-2011.I & ARS §36-883.05.G. relating to Child Care Facilities

This Bill repeals §15-2011. I. *{as published}* and §36-883.05.G. These sub-sections were passed as the McComish amendment to SB1102 during the 2014 Session.

Background/History: §15-2011 was used by Senator McComish as a legislative “bridge” to attach language in support of a Montessori School in his district that had been introduced by Senator Pancrazi in SB1321. However, that Bill was retained on the Committee Of the Whole Calendar and it moved no further during that Session.

These two sub-sections were necessary in order to achieve germane standing, relative to Senator Yee’s SB1102 last year.

Current Status of this Bill:

- 03/18/2015 Transmitted to The Governor
- 03/17/2015 Transmitted to The Senate
- 03/17/2015 Passed The House (59-0-1-0)

End of Attachment B.)

ATTACHMENT C.) ~ ~ Excerpts from SB1469

SB1469: General Appropriations – FY 2015 – 2016
Senate Engrossed Version – as signed by Governor Ducey March 12, 2015

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Sec. 94. SCHOOL FACILITIES BOARD

14 2015-16

15 FTE positions 17.0

16 Operating lump sum appropriation \$ 1,677,100

17 Access our best public schools

18 funding 23,900,000

19 New school facilities debt service 172,388,100

20 Building renewal grants 16,667,900

21 New school facilities 2,249,600

22 Total appropriation – school facilities

23 board \$216,882,700

24 Fund sources:

25 State general fund \$216,882,700

26 Pursuant to section 35-142.01, Arizona Revised Statutes, any

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S.B. 1469 - continued

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27 reimbursement received by or allocated to the school facilities board under
28 the federal qualified school construction bond program in fiscal year
29 2015-2016 shall be deposited in or revert to the state general fund.
30 The monies appropriated in the access our best public schools funding
31 line item shall be deposited in the access our best public schools fund
32 established by section 15-2042, Arizona Revised Statutes. Monies in the fund
33 shall not be expended until the executive branch submits an expenditure plan
34 to the joint legislative budget committee for review. Monies in the access
35 our best public schools fund are appropriated for the purpose of developing
36 mechanisms that an Arizona public school achievement district could use to
37 assist in the expansion of member schools or the construction of new
38 facilities for member schools, including mechanisms for the state to act as
39 the guarantor for debt financing for member schools. The executive branch
40 shall recommend proposed legislation to codify the mechanisms developed.
41 Pursuant to section 15-2041, Arizona Revised Statutes, the amount
42 appropriated for new school construction shall be used only for a facility
43 that is to be constructed for a school district that received final approval
44 from the school facilities board on or before March 1, 2015.

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**Sec. 123. School facilities board; supplemental appropriation;
5 reduction; fiscal year 2014-2015**

6 In addition to any other appropriations made in fiscal year 2014-2015,
7 the appropriation to the school facilities board is reduced by \$9,415,900
8 from the state general fund in fiscal year 2014-2015 for the new school
9 facilities debt service line item.

**10 Sec. 124. School facilities board; transfer of monies
11 appropriated for fiscal year 2014-2015**

12 Of the amount appropriated in the building renewal grants line item for
13 fiscal year 2014-2015, \$1,000,000 shall be transferred to the emergency
14 deficiencies correction fund established by section 15-2022, Arizona Revised
15 Statutes. A school district receiving monies from the emergency deficiencies
16 correction fund in fiscal year 2014-2015 shall submit to the school
17 facilities board a plan to improve the school's preventative maintenance
18 building systems.

End of Attachment C.)

School Facilities Board
2015 Arizona Legislative Regular Session

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ATTACHMENT D.) ~~ Excerpts from SB1476

SB1476: K-12 Education; Budget Reconciliation; 2015 – 2016
Senate Engrossed Version – as signed by Governor Ducey March 12, 2015

<http://www.azleg.gov/legtext/52leg/1r/laws/0015.pdf>

(Page 7)

Sec. 2. Section 15-189, Arizona Revised Statutes, is amended to read:

21 **15-189. Charter schools; vacant buildings; list; used equipment**
22 A. The **department of education SCHOOL FACILITIES BOARD**, in conjunction
23 with the department of administration, shall annually publish a list of
24 vacant and unused buildings and vacant and unused portions of buildings that
25 are owned by this state or by school districts in this state and that may be
26 suitable for the operation of a charter school. The **department of education**
27 **SCHOOL FACILITIES BOARD** shall make the list available to applicants for
28 charter schools and to existing charter schools. The list shall include the
29 address of each building, a short description of the building, **and** the name
30 of the owner of the building **AND ANY OTHER PERTINENT INFORMATION RELATED TO**
31 **THE VACANCY OF THE BUILDING. THE SCHOOL FACILITIES BOARD SHALL ANNUALLY**
32 **SUBMIT THE LIST TO THE GOVERNOR, THE PRESIDENT OF THE SENATE AND THE SPEAKER**
33 **OF THE HOUSE OF REPRESENTATIVES AND PROVIDE A COPY OF THE LIST TO THE**
34 **SECRETARY OF STATE.** Nothing in this section requires the owner of a building
35 on the list to sell or lease the building or a portion of the building to a
36 charter school or to any other school or to any other prospective buyer or
37 tenant.
38 B. A school district may sell used equipment to a charter school
39 before the school district attempts to sell or dispose of the equipment by
40 other means.

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Sec. 8. Section 15-2002, Arizona Revised Statutes, is amended to read:

22 **15-2002. Powers and duties; executive director; staffing;**
23 **report**
24 A. The school facilities board shall:
25 1. Make assessments of school facilities and equipment deficiencies
26 and approve the distribution of grants as appropriate.
27 2. Maintain a database of school facilities to administer the building
28 renewal grant fund and new school facilities formula. The facilities listed
29 in the database must include all buildings that are owned by school
30 districts. The school facilities board shall ensure that the database is
31 updated on at least an annual basis. Each school district shall report to
32 the school facilities board no later than September 1 of each year
33 information as required by the school facilities board for the administration
34 of the building renewal grant fund and computation of new school facilities
35 formula distributions, including the nature and cost of major repairs,
36 renovations or physical improvements to or replacement of building systems or
37 equipment that were made in the previous year and that were paid for either
38 with local monies or monies provided by the school facilities board from the
39 building renewal grant fund. Each school district shall report any school or
40 school buildings that have been closed, that have been leased to another
41 entity or that operate as a charter school. The school facilities board may

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42 review or audit the information, or both, to confirm the information

SB1476 – continued

(Page 31 continued)

43 submitted by a school district. Notwithstanding any other provision of this
44 chapter, if a school district converts space that is listed in the database
45 maintained pursuant to this paragraph to space that will be used for

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1 administrative purposes, the school district is responsible for any costs
2 associated with the conversion, maintenance and replacement of that space.
3 If a building is significantly upgraded or remodeled, the school facilities
4 BOARD shall adjust the age of that school facility in the database as
5 follows:

6 (a) Determine the building capacity value as follows:
7 (i) Multiply the student capacity of the building by the per pupil
8 square foot capacity established by section 15-2041.
9 (ii) Multiply the product determined in item (i) of this subdivision
10 by the cost per square foot established by section 15-2041.
11 (b) Divide the cost of the renovation by the building capacity value
12 determined in subdivision (a) of this paragraph.
13 (c) Multiply the quotient determined in subdivision (b) of this
14 paragraph by the currently listed age of the building in the database.
15 (d) Subtract the product determined in subdivision (c) of this
16 paragraph from the currently listed age of the building in the database,
17 rounded to the nearest whole number. If the result is a negative number, use
18 zero.

19 3. Inspect school buildings at least once every five years to ensure
20 compliance with the building adequacy standards prescribed in section 15-2011
21 and routine preventative maintenance guidelines as prescribed in this section
22 with respect to construction of new buildings and maintenance of existing
23 buildings. The school facilities board shall randomly select twenty school
24 districts every thirty months and inspect them pursuant to this paragraph.
25 4. Review and approve student population projections submitted by
26 school districts to determine to what extent school districts are entitled to
27 monies to construct new facilities pursuant to section 15-2041. The board
28 shall make a final determination within six months of the receipt of an
29 application by a school district for monies from the new school facilities
30 fund.

31 5. Certify that plans for new school facilities meet the building
32 adequacy standards prescribed in section 15-2011.

33 6. Develop prototypical elementary and high school designs. The board
34 shall review the design differences between the schools with the highest
35 academic productivity scores and the schools with the lowest academic
36 productivity scores. The board shall also review the results of a valid and
37 reliable survey of parent quality rating in the highest performing schools
38 and the lowest performing schools in this state. The survey of parent
39 quality rating shall be administered by the department of education. The
40 board shall consider the design elements of the schools with the highest
41 academic productivity scores and parent quality ratings in the development of
42 elementary and high school designs. The board shall develop separate school
43 designs for elementary, middle and high schools with varying pupil
44 capacities.

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S.B. 1476 -- continued

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1 7. Develop application forms, reporting forms and procedures to carry
2 out the requirements of this article.
3 8. Review and approve or reject requests submitted by school districts
4 to take actions pursuant to section 15-341, subsection G.
5 9. Submit electronically an annual report on or before December 15 to
6 the speaker of the house of representatives, the president of the senate, the
7 superintendent of public instruction, the secretary of state and the governor
8 that includes the following information:
9 (a) A detailed description of the amount of monies distributed by the
10 school facilities board in the previous fiscal year.
11 (b) A list of each capital project that received monies from the
12 school facilities board during the previous fiscal year, a brief description
13 of each project that was funded and a summary of the board's reasons for the
14 distribution of monies for the project.
15 (c) A summary of the findings and conclusions of the building
16 maintenance inspections conducted pursuant to this article during the
17 previous fiscal year.
18 (d) A summary of the findings of common design elements and
19 characteristics of the highest performing schools and the lowest performing
20 schools based on academic productivity, including the results of the parent
21 quality rating survey. For the purposes of this subdivision, "academic
22 productivity" means academic year advancement per calendar year as measured
23 with student-level data using the statewide nationally standardized
24 norm-referenced achievement test.
25 10. On or before December 1 of each year, report electronically to the
26 joint committee on capital review the amounts necessary to fulfill the
27 requirements of sections 15-2022 and 15-2041 for the following three fiscal
28 years. In developing the amounts necessary for this report, the school
29 facilities board shall use the most recent average daily membership data
30 available. On request from the board, the department of education shall make
31 available the most recent average daily membership data for use in
32 calculating the amounts necessary to fulfill the requirements of section
33 15-2041 for the following three fiscal years. The board shall provide copies
34 of the report to the president of the senate, the speaker of the house of
35 representatives and the governor.
36 11. Adopt minimum school facility adequacy guidelines to provide the
37 minimum quality and quantity of school buildings and the facilities and
38 equipment necessary and appropriate to enable pupils to achieve the
39 educational goals of the Arizona state schools for the deaf and the blind.
40 The school facilities board shall establish minimum school facility adequacy
41 guidelines applicable to the Arizona state schools for the deaf and the
42 blind.
43 12. In each even-numbered year, report electronically to the joint
44 committee on capital review the amounts necessary to fulfill the requirements
45 of section 15-2041 for the Arizona state schools for the deaf and the blind

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1 for the following two fiscal years. The Arizona state schools for the deaf
2 and the blind shall incorporate the findings of the report in any request for
3 new school facilities monies. Any monies provided to the Arizona state
4 schools for the deaf and the blind for new school facilities are subject to
5 legislative appropriation.

6 13. On or before June 15 of each year, submit electronically detailed
7 information regarding demographic assumptions, a proposed construction
8 schedule and new school construction cost estimates for individual projects
9 approved in the current fiscal year and expected project approvals for the
10 upcoming fiscal year to the joint committee on capital review for its review.
11 A copy of the report shall also be submitted electronically to the governor's
12 office of strategic planning and budgeting. The joint legislative budget
13 committee staff, the governor's office of strategic planning and budgeting
14 staff and the school facilities board staff shall agree on the format of the
15 report.

16 14. Every two years, provide school districts with information on
17 improving and maintaining the indoor environmental quality in school
18 buildings.

19 15. ON OR BEFORE DECEMBER 31 OF EACH YEAR, REPORT TO THE JOINT
20 LEGISLATIVE BUDGET COMMITTEE ON ALL CLASS B BOND APPROVALS BY SCHOOL
21 DISTRICTS IN THAT YEAR. EACH SCHOOL DISTRICT SHALL REPORT TO THE SCHOOL
22 FACILITIES BOARD ON OR BEFORE DECEMBER 1 OF EACH YEAR INFORMATION REQUIRED BY
23 THE SCHOOL FACILITIES BOARD FOR THE REPORT PRESCRIBED IN THIS PARAGRAPH.

24 B. The school facilities board may contract for the following services
25 in compliance with the procurement practices prescribed in title 41,
26 chapter 23:

27 1. Private services.

28 2. Construction project management services.

29 3. Assessments for school buildings to determine if the buildings have
30 outlived their useful life pursuant to section 15-2041, subsection G.

31 4. Services related to land acquisition and development of a school
32 site.

33 C. The governor shall appoint an executive director of the school
34 facilities board pursuant to section 38-211. The executive director is
35 eligible to receive compensation as determined pursuant to section 38-611 and
36 may hire and fire necessary staff subject to title 41, chapter 4, article 4
37 and as approved by the legislature in the budget. The executive director
38 shall have demonstrated competency in school finance, facilities design or
39 facilities management, either in private business or government service. The
40 executive director serves at the pleasure of the governor. The staff of the
41 school facilities board is exempt from title 41, chapter 4, articles 5 and 6.

42 The executive director:

43 1. Shall analyze applications for monies submitted to the board by
44 school districts.

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1 2. Shall assist the board in developing forms and procedures for the
2 distribution and review of applications and the distribution of monies to
3 school districts.
4 3. May review or audit, or both, the expenditure of monies by a school
5 district for deficiencies corrections and new school facilities.
6 4. Shall assist the board in the preparation of the board's annual
7 report.
8 5. Shall research and provide reports on issues of general interest to
9 the board.
10 6. May aid school districts in the development of reasonable and
11 cost-effective school designs in order to avoid statewide duplicated efforts
12 and unwarranted expenditures in the area of school design.
13 7. May assist school districts in facilitating the development of
14 multijurisdictional facilities.
15 8. Shall assist the board in any other appropriate matter or method as
16 directed by the members of the board.
17 9. Shall establish procedures to ensure compliance with the notice and
18 hearing requirements prescribed in section 15-905. The notice and hearing
19 procedures adopted by the board shall include the requirement, with respect
20 to the board's consideration of any application filed after July 1, 2001 or
21 after December 31 of the year in which the property becomes territory in the
22 vicinity of a military airport or ancillary military facility as defined in
23 section 28-8461 for monies to fund the construction of new school facilities
24 proposed to be located in territory in the vicinity of a military airport or
25 ancillary military facility, that the military airport receive notification
26 of the application by first class mail at least thirty days before any
27 hearing concerning the application.
28 10. May expedite any request for monies in which the local match was
29 not obtained for a project that received preliminary approval by the state
30 board for school capital facilities.
31 11. Shall expedite any request for monies in which the school district
32 governing board submits an application that shows an immediate need for a new
33 school facility.
34 12. Shall make a determination as to administrative completion within
35 one month after the receipt of an application by a school district for monies
36 from the new school facilities fund.
37 13. Shall provide technical support to school districts as requested by
38 school districts in connection with the construction of new school facilities
39 and the maintenance of existing school facilities and may contract directly
40 with construction project managers pursuant to subsection B of this section.
41 This paragraph does not restrict a school district from contracting with a
42 construction project manager using district or state resources.
43 D. When appropriate, the school facilities board shall review and use
44 the statewide school facilities inventory and needs assessment conducted by
45 the joint committee on capital review and issued in July, 1995.

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1 E. The school facilities board shall contract with one or more private
2 building inspectors to complete an initial assessment of school facilities
3 and equipment and shall inspect each school building in this state at least
4 once every five years to ensure compliance with section 15-2011. A copy of
5 the inspection report, together with any recommendations for building
6 maintenance, shall be provided to the school facilities board and the
7 governing board of the school district.

8 F. The school facilities board may consider appropriate combinations
9 of facilities or uses in making assessments of and curing deficiencies
10 pursuant to subsection A, paragraph 1 of this section and in certifying plans
11 for new school facilities pursuant to subsection A, paragraph 5 of this
12 section.

13 G. The board shall not award any monies to fund new facilities that
14 are financed by class A bonds that are issued by the school district.

15 H. The board shall not distribute monies to a school district for
16 replacement or repair of facilities if the costs associated with the
17 replacement or repair are covered by insurance or a performance or payment
18 bond.

19 I. The board may contract for construction services and materials that
20 are necessary to correct existing deficiencies in school district facilities.
21 The board may procure the construction services necessary pursuant to this
22 subsection by any method, including construction-manager-at-risk,
23 design-build, design-bid-build or job-order-contracting as provided by title
24 41, chapter 23. The construction planning and services performed pursuant to
25 this subsection are exempt from section 41-791.01.

26 J. The school facilities board may enter into agreements with school
27 districts to allow school facilities board staff and contractors access to
28 school property for the purposes of performing the construction services
29 necessary pursuant to subsection I of this section.

30 K. Each school district shall develop routine preventative maintenance
31 guidelines for its facilities. The guidelines shall include plumbing
32 systems, electrical systems, heating, ventilation and air conditioning
33 systems, special equipment and other systems and for roofing systems shall
34 recommend visual inspections performed by district staff for signs of
35 structural stress and weakness. The guidelines shall be submitted to the
36 school facilities board for review and approval. If on inspection by the
37 school facilities board it is determined that a school district facility was
38 inadequately maintained pursuant to the school district's routine
39 preventative maintenance guidelines, the school district shall return the
40 building to compliance with the school district's routine preventative
41 maintenance guidelines.

42 L. The school facilities board may temporarily transfer monies between
43 the capital reserve fund established by section 15-2003, the emergency
44 deficiencies correction fund established by section 15-2022 and the new

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1 school facilities fund established by section 15-2041 if all of the following
2 conditions are met:

3 1. The transfer is necessary to avoid a temporary shortfall in the
4 fund into which the monies are transferred.

5 2. The transferred monies are restored to the fund where the monies
6 originated as soon as practicable after the temporary shortfall in the other
7 fund has been addressed.

8 3. The school facilities board reports to the joint committee on
9 capital review the amount of and the reason for any monies transferred.

10 M. After notifying each school district, and if a written objection
11 from the school district is not received by the school facilities board
12 within thirty days of the notification, the school facilities board may
13 access public utility company records of power, water, natural gas, telephone
14 and broadband usage to assemble consistent and accurate data on utility
15 consumption at school facilities to determine the effectiveness of facility
16 design, operation and maintenance measures intended to reduce energy and
17 water consumption and costs. Any public utility that provides service to a
18 school district in this state shall provide the data requested by the school
19 facilities board pursuant to this subsection.

20 N. The school facilities board shall not require a common school
21 district that provides instruction to pupils in grade nine to obtain approval
22 from the school facilities board to reconfigure its school facilities. A
23 common school district that provides instruction to pupils in grade nine is
24 not entitled to additional monies from the school facilities board for
25 facilities to educate pupils in grade nine.

26 Sec. 9. Title 15, chapter 16, article 5, Arizona Revised Statutes, is
27 amended by adding section 15-2042, to read:

28 **15-2042. Access our best public schools fund**

29 **THE ACCESS OUR BEST PUBLIC SCHOOLS FUND IS ESTABLISHED CONSISTING OF**
30 **MONIES APPROPRIATED BY THE LEGISLATURE AND GRANTS, GIFTS, DEVISES AND**
31 **DONATIONS FROM ANY PUBLIC OR PRIVATE SOURCE. THE SCHOOL FACILITIES BOARD**
32 **SHALL ADMINISTER THE FUND. MONIES IN THE FUND ARE SUBJECT TO LEGISLATIVE**
33 **APPROPRIATION AND SHALL BE AVAILABLE TO PUBLIC SCHOOLS THAT ARE MEMBERS OF**
34 **THE ARIZONA PUBLIC SCHOOL ACHIEVEMENT DISTRICT TO CONSTRUCT NEW SCHOOL**
35 **FACILITIES OR TO EXPAND EXISTING SCHOOL FACILITIES, EXCEPT THAT ANY GRANTS,**
36 **GIFTS, DEVISES AND DONATIONS THAT ARE DEPOSITED INTO THE FUND ARE**
37 **CONTINUOUSLY APPROPRIATED. AT LEAST FIFTY PERCENT OF THE PROJECTS THAT**
38 **RECEIVE MONIES FROM THE FUND SHALL BE IN LOW SOCIOECONOMIC AREAS.**

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Sec. 16. School facilities board; refinancing or refunding

27 agreement; review

28 A. Notwithstanding section 15-2004, subsection L, section 15-2005,
29 subsection L, and section 15-2006, Arizona Revised Statutes, the school
30 facilities board may enter into a refinancing or refunding agreement in
31 fiscal year 2015-2016 that will reduce the school facilities board's lease
32 purchase payments by a combined total of at least \$7,000,000 in fiscal years
33 2015-2016 through 2023-2024. The school facilities board's lease purchase
34 payment reductions may not vary by more than \$1,000,000 in any single fiscal
35 year during this period.

36 B. Before the school facilities board enters into a refinancing or
37 refunding agreement pursuant to subsection A of this section, the agreement's
38 proposed terms shall be submitted for review to the joint committee on
39 capital review.

40 Sec. 17. District-sponsored charter schools; intent; phaseout

41 A. It is the intent of the legislature that district-sponsored charter
42 schools be phased out by fiscal year 2016-2017.

43 B. Notwithstanding any other law, for fiscal year 2015-2016, the
44 department of education shall fund incremental monies for charter schools
45 that are sponsored by school districts at fifty percent of the level of

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1 incremental monies that would otherwise be provided to those charter schools
2 and shall reduce budget limits accordingly. For the purposes of this
3 subsection, "incremental monies" means the additional funding a charter
4 school that is sponsored by a school district receives under the state
5 equalization funding formula for schools in excess of the amount that would
6 be received under that formula if the school was operated by a school
7 district but was not a charter school operated by the school district,
8 including incremental monies received through local property taxes for a
9 school district that is not eligible to receive state aid.

End of Attachment D.) ~~ Excerpts from SB1476

<p style="text-align: center;">STATE OF ARIZONA SCHOOL FACILITIES BOARD</p>
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Meeting Date: April 1, 2015

Agenda Item IV.c.

**Subject: IV. Director's Report (action of the Board may be requested)
c. Policy Review – 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)

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

Attachments: Yes [X] 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 [signed/received](#), 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. (IF APPLICABLE) Fire Marshal's certification that installed water tank is adequate to provide fire protection at the new school facility.
- g. ~~f.~~ **Provide** 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 d~~District 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: April 1, 2015

Agenda Item IV.d.

**Subject: IV. Director's Report (action of the Board may be requested)
d. Director Discussion**

Dean Gray will address the Board.

Board Action Requested: ☒ information ☐ action / described below

Attachments: Yes ☐ No ☒

STATE OF ARIZONA
SCHOOL FACILITIES BOARD

Meeting Date: April 1, 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

Prescott 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 – Prescott Unified

The district has requested a reconfiguration of its elementary and middle schools from K-5/6-8 to K-6/7-8. In addition, Granite Mountain Middle School (which currently serves grades 6-8) would be reconfigured to an elementary school (serving grades 5-6). The result is as follows:

Old configuration	K-5	6-8
Old capacity	2,205	2,026
FY 14 ADM	1,824	1,287

New configuration	K-6	7-8
New capacity	3,305	989
FY 14 ADM	2,231	880

In the past five years, the district's ADM for both K-5 and 6-8 has declined for most years resulting in 5-year annualized growth rates of -2.3% for K-5 and -1.3% for 6-8. Translating to K-6 and 7-8, the 5-year annualized growth rates remain negative at -2.2% for K-6 and -1.1% for 7-8. According to the provisional 100-day ADM data provided by ADE on March 13, 2015, the district's ADM in FY 15 is expected to be 1,994 at the K-6 level and 730 at the 7-8 level, declining by 10.7% and 17.0%, respectively from FY14. The declines are most likely attributed to the opening of two new charter schools in the area with an enrollment around 420 students this year. The district has a significantly higher median age than the state average, and the birth number has been on an overall declining curve. Barring unforeseen circumstances, ADM is not projected to exceed the new capacity of 3,305 at the K-6 level or 989 at the 7-8 level within the next eight years.

Staff Recommendation – Prescott Unified

Staff recommends 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.

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

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.

Attachments: Yes [] No [X]

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: April 1, 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

San Carlos 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 – San Carlos Unified (7-8)

The district has requested removal of San Carlos Junior High School from the district's inventory. The school has not been used since 2010 due to its distance from the student population center, and due to deficiencies which the district estimates would cost \$1.5 million to rectify (includes repairs such as roof leaks, wall replacements, fire alarm system repairs, restroom renovations, etc.). The buildings are listed below:

School	Building No.	Year Built	Square Footage
San Carlos Junior High	1001	1992	36,964
San Carlos Junior High	1002	1998	3,195
San Carlos Junior High	1003	1992	15,081
San Carlos Junior High	1004	1992	4,251
San Carlos Junior High	1005	1998	8,400
San Carlos Junior High	1008	1998	1,440
Total			69,331

The district has built 36,525 square feet of replacement space (at another school site). The net reduction is 32,806 square feet and 328 student capacity. Reducing the district's 7-8 capacity by 328 would yield a new student capacity of 449. The FY14 ADM for 7-8 was 192. Based on the provisional 100-day ADM provided by ADE on March 13, 2015, SFB staff estimates that the FY15 ADM is approximately 200, an increase of 4.5% over FY14. During the past five years, the 7-8 ADM experienced both increases and declines, resulting in a five-year annualized ADM growth rate of 0.7%. Using 200 as a starting point for 7-8, it would require an annual growth rate of 10.6% for the ADM to exceed 449 by FY23. At this time, there are no indications that the district's 7-8 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 – San Carlos Unified

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

Board Action Requested: ☐ information ☒ action / described below

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

Attachments: Yes ☐ No ☒

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting date: April 1, 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)**

**Litchfield Elementary
Solomon Elementary**

Background – Litchfield Elementary (Wigwam ES – replace HVAC compressor)

Litchfield Elementary has submitted a Building Renewal Grant request to replace a 5-ton heat pump compressor in Building 1002 at Wigwam Elementary School (project number 070479107-1002-001BRG).

Litchfield Elementary, located 19 miles west of downtown Phoenix, has thirteen schools. Wigwam Elementary School is comprised of seven buildings constructed in 2002, totaling 108,000 square feet. Building 1002 was built in 2002, totaling 22,000 square feet.

The lowest proposal for the replacement was \$1,657.

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 ES – replace HVAC compressor)

Staff recommends 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).

Background – Solomon Elementary (Solomon ES – replace underground sewer line)

On March 4, 2015, the Board awarded \$1,750 (includes \$1,000 contingency) in Building Renewal Grant funding for the camera investigation of the underground sewer line at Solomon Elementary (project number 050305101-1007-001).

Solomon Elementary, located 170 miles west of Phoenix, has one school. Solomon Elementary School is comprised of 12 buildings constructed between 1920 and 2003, totaling 44,339 square feet. Building 1007 was built in 1920, totaling 17,779 square feet.

The investigation is now complete. The sewer line was found to be collapsed and in need of replacement. Due to the urgency of this project, the Executive Director invoked his authority to award the construction funding.

Initial award 3/4/2015	
Investigation	\$750
Contingency	\$1,000
Total	\$1,750

Supplemental funding requested:	
Construction	\$14,055
Asbestos testing estimate	\$5,000
Contingency	\$1,000
Total supplemental funding requested:	\$20,055

Total project cost: \$21,805

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 – Solomon Elementary (Solomon ES – replace underground sewer line)

Staff recommends 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.

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

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.

Attachments: Yes [X] No []

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Litchfield Elementary**
BRG Project Number: 070479107-1002-001BRG
Project Description: Replace HVAC compressor
Consultant: n/a
Contractor: Pueblo Mechanical, Inc. (800-840-9170)

Maricopa County

Executive Authority: 3/2/2015
Board ratification: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 1,657
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:		\$ 1,657
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 1,657
Total Project Cost:		\$ 1,657

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date:

Application ID: 1860

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: 1002 Bldg 200

Application Title: Compressor replacment Dining room lobby

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 grounded compressor drier, strainer and contactor. On a Carrier heat pump that is 12 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: Cruse

pcruse@azsfb.gov

602-364-1193

Julianne Lein

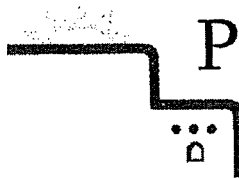
Superintendent Printed Name

Julianne Lein

Superintendent Signature

3/2/15

Date



Pueblo
Mechanical &
Controls, Inc.

(800) 840-9170

PROPOSAL - Litchfield Carrier unit compressor change out

**HARD BID SELECT
LIST**

PMC Proposal #:15-02-057

From: Pueblo Mechanical and Controls, Inc.

Date: 02/27/2015

Attn: Jack Cheatham
Litchfield Elementary School D
553 Plaza Circle
Litchfield Park, AZ 85340

Dear Jack,

Pueblo Mechanical and Controls appreciates the opportunity to look at this project and is pleased to provide the following scope for Litchfield Carrier unit compressor change out.

Scope of Work:

- Disconnect power to equipment.
- Recover refrigerant from unit.
- Remove the defective compressor, drier and contactor.
- Install the new compressor, drier, strainer and contactor.
- Pressure system with nitrogen to check for leaks.
- Put system in a vacuum.
- Weigh in the charge of refrigerant. (Quote includes 11 lbs. of new R-22)
- 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 sub total:	\$	1,656.80
AZDR Statute Compliance included		
Bonding:	[insert rate]	\$ X.XX

Total Cost:	\$	1,656.80
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Add for the cost of reversing valve is the compressor failure is the result of a burnout.

Complete material, service, and labor sub total:	\$	1,656.80
AZDR Statute Compliance included		
Reversing Valve add:	\$	226.72
Bonding:	(N/A)	X.XX

Total Cost:	\$	1,883.52
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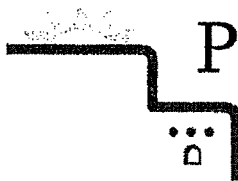
ALL PRICES QUOTED ABOVE ARE VALID FOR 120 DAYS

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

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.

We look forward to providing this important service; please call if you have any questions.

Best Regards,

Rhonda Bishop
Pueblo Mechanical and Controls
520.310.7394
Rhonda.morris@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

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SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Solomon Elementary**
Project Number: **050305101-1007-001BRG**
Project Description: **Replace underground sewer line**
Architect of Record: n/a
Contractor: Jay's Construction (928-348-4986)

Graham County

Executive Authority: 2/25/2015
Board ratification: 3/4/2015
Executive Authority: 3/16/2015
Board ratification: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 14,055
Contingency ①		\$ 2,000
Architecture / Engineering (A&E) Fees		
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 750
Testing & Inspection		\$ 5,000
Inspection, Evaluation and Oversight		\$ -
Total Additional Cost:		\$ 5,750
Total SFB Funded Project Cost:		\$ 21,805
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 21,805
Total Project Cost:		\$ 21,805

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

PROPOSAL
JAY'S CONSTRUCTION - MAINTENANCE & HONEY DO'S

1409 1st Ave - Safford, Arizona 85546
Res.Lic.#ROC196980 : Comm.Lic.#ROC196982 : Elec.Lic.#L-11-ROC196983 :
Elec.#C-11-ROC196984 : Plumb.Lic.#ROC196985
Phone: (928) 348-4986 Fax: (928) 348-4993

Date: 3-5-15

Name:	Solomon Schools	
Phone	965-8511	
Address	Box 167	
	Solomon, Az. 85551	
JOB	17428	

Material and labor to saw cut and remove concrete in courtyard and run new sewer lines from main building (1007). Run new lines under building on west side of property (restrooms) and tie into septic tank on west side of property near athletic field. Re-pour concrete in courtyard and install clean outs in courtyard due to collapsed lines and rotted cast iron pipes and roots in lines.

Material \$1,900.00 Labor \$9,900.00 Tractor & Saw Rental \$2,255.00 Total \$14,055.00

Pay in full

Total Quotation for Job = \$14,055.00

VOID IF NOT ACCEPTED WITHIN 30 DAYS

All material is guaranteed to be as specified. All work to be completed in a workmanlike 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 are contingent upon strikes, accidents or delays beyond our control. Owner is to carry fire, tornado and other necessary insurance. Our workers are fully covered by Worker's Compensation Insurance.

Date: _____

Contractors Signature

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Date of Acceptance: _____ Signature of Customer: _____

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting date: April 1, 2015

Agenda Item VI.b.

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

**Cave Creek Unified
Coolidge Unified
Duncan Unified
Flowing Wells Unified (2 requests)
Holbrook Unified
Littlefield Unified**

Background – Cave Creek Unified (Cactus Shadows HS – roof replacement)

On January 7, 2015, the Board awarded Cave Creek Unified \$24,200 in Building Renewal Grant funding for a roof survey and structural evaluation at Buildings 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, and 1015 (123,020sf) at Cactus Shadows High School (project number 070293204-9999-006BRG).

The roof evaluation has been completed and the architect has submitted a proposal for the design and construction administration (\$21,000) and replacement (\$1,060,000) of the roofs, totaling \$1,081,000.

Initial award 12/10/2014	
Engineering design	\$24,200

Supplemental funding requested:	
Estimated construction cost	\$1,060,000
Construction administration/design	\$21,000
<u>Contingency</u>	<u>\$100,000</u>
Total additional funding requested:	\$1,181,000

Total project cost:	\$1,205,200
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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 – Cave Creek Unified (Cactus Shadows HS – roof replacement)

Staff recommends 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.

Background – Coolidge Unified (Coolidge HS – replace two 10-ton compressors)

On March 4, 2015, the Board awarded Coolidge Unified \$15,000 to replace two 10-ton compressors in two different HVAC units on Building 1007 at Coolidge High School (project number 110221007-1007-016BRG).

During replacement of the compressors, one of the HVAC units was found to have a leak and a restriction was found on the condenser coil system. Due to the age of the system (over 20 years) and the extent of the repairs, staff recommends replacement of the entire unit. Full replacement of the unit will also require structural engineering. The second compressor was installed successfully.

Initial Award 3/4/2015

Compressor Replacement	\$11,000
<u>Contingency</u>	<u>\$4,000</u>
Total	\$15,000

Supplemental funding requested:

Restocking Charge (10% Estimated)	\$600
Professional Services	\$10,000
Estimated Construction Cost	\$21,986
Construction funding previously awarded	(\$5,500)
Asbestos Survey (estimate)	\$2,500
Asbestos Oversight (estimate)	\$3,000
<u>Asbestos Remediation (estimate)</u>	<u>\$5,000</u>
Total supplemental funding requested:	\$37,586

Total project cost: \$52,586

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– Coolidge Unified (Coolidge HS – replace two 10-ton compressors)

Staff recommends 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.

Background – Duncan Unified (Duncan PS – replace heating units and controls)

On February 4, 2015, the Board awarded Duncan Unified \$5,000 in Building Renewal Grant funding for preliminary design to replace heating units and controls on Building 1005 at Duncan Primary School (project number 060202101-1005-001BRG).

The district has received an estimated construction cost in the amount of \$150,000 for the HVAC replacements and a design/construction administration cost of \$18,500.

Initial award 2/4/2014
Engineering design \$5,000

Supplemental funding requested:
Estimated construction cost \$150,000
Design/Construction administration \$18,500
Contingency \$12,500
Total supplemental funding requested: \$181,000

Total project cost: \$186,000

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 PS – replace heating units and controls)

Staff recommends 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.

Background – Flowing Wells Unified (Flowing Wells JHS – exterior reseal and structural repairs) Request 1 of 2

On November 12, 2014, the Board awarded Flowing Wells Unified \$6,000 for professional services to provide an evaluation and construction bid documents to reseal the exterior and perform structural repairs at Flowing Wells Junior High School (project number 100208170-9999-002BRG).

The design documents have been completed and staff agrees with the scope of work. The construction was estimated at \$269,500 and construction administration was proposed at \$2,500.

Previous Award
Design 11/12/2014 \$6,000
District contribution to design \$6,000
Total \$12,000

Supplemental funding requested:
Estimated Construction Cost \$269,500
Contingency \$25,000
Total supplemental funding requested: \$294,500

SFB contribution: \$300,500
District contribution: \$6,000
Total project cost: \$306,500

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– Flowing Wells Unified(Flowing Wells JHS –exterior reseal and structural repairs)

Staff recommends 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.

Background – Flowing Wells Unified (Flowing Wells JHS – repair roof and mechanical systems) Request 2 of 2

On November 12, 2014, the Board awarded Flowing Wells Unified \$10,310 for professional services to provide an evaluation and construction bid documents to repair the roofs and mechanical systems on Building 1009 at Flowing Wells Junior High School (project number 100208170-1009-003BRG).

The design documents have been completed and staff agrees with the scope of work. The construction was estimated at \$91,500 and asbestos oversight at \$3,402.

Previous Award

Design 11/12/2014	\$10,310
District contribution to design	\$10,000
Total	\$20,310

Supplemental funding requested:

Construction Administration	\$11,850
Estimated Construction Cost	\$91,500
Contingency	\$10,000
Asbestos Remediation	\$4,913
Total supplemental funding requested:	\$118,263

SFB contribution:	\$128,573
District contribution:	\$10,000
Total project cost:	\$138,573

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– Flowing Wells Unified (Flowing Wells JHS – repair roof and mechanical systems)

Staff recommends 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.

Background – Holbrook Unified (Hulet HS – replace 10 HVAC units and repair relief hoods)

On November 12, 2014, the Board awarded Holbrook Unified \$24,190 (Phase 1) for professional services to provide an evaluation and construction bid documents to repair/replace the existing HVAC system that services Buildings 1007 and 1008 at Hulet Elementary School (project number 090203102-9999-002BRG).

The design documents have been completed and staff agrees with the scope of work to replace the evaporative cooler sections rather than replacing the entire cooler/gas heater HVAC unit.

Initial Award 11/12/2014

Design	\$24,190
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Supplemental funding requested:

Construction Administration	\$12,660
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Estimated Construction Cost	\$115,700
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<u>Contingency</u>	<u>\$10,000</u>
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Total supplemental funding requested:	\$138,360
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Total project cost:	\$162,550
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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– Holbrook Unified (Hulet ES – replace 10 HVAC units and repair relief hoods)

Staff recommends 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.

Background – Littlefield Unified (Beaver Dam ES – repair roof)

On December 10, 2014, the Board awarded Littlefield Unified \$1,375 in Building Renewal Grant funding for a roof survey on Building 1008 at Beaver Dam Elementary School (project number 080409001-1008-001BRG).

The architect's report indicates the roof is beyond its life expectancy and is also beyond repair and needs to be replaced.

The district has received an estimated construction cost for a roof replacement of \$125,000 and construction administration of \$8,800.

Initial award 12/10/2014

Engineering design	\$1,375
--------------------	---------

Supplemental funding requested:

Estimated construction cost	\$155,000
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Construction administration	\$8,800
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<u>Contingency</u>	<u>\$12,500</u>
Total supplemental funding requested:	\$176,300

Total project cost: \$177,675

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 – Littlefield Unified (Beaver Dam ES – repair roof)

Staff recommends 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.

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

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.

Attachments: Yes [X] No []

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Cave Creek Unified**
BRG Project Number: 070293204-9999-006BRG **Maricopa County**
Project Description: **Roof replacement**
Consultant: One Architecture! (602-266-2712)/Broderick Eng. (480-926-6333)/Wrecorp
Contractor: TBD

Board approval: 1/7/2015
Supplemental award: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 1,060,000
Contingency ①		\$ 100,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 24,200
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 21,000
Testing & Inspection		\$ -
Total Additional Cost:		\$ 45,200
Total SFB Funded Project Cost:		\$ 1,205,200
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 1,205,200
Total Project Cost:		\$ 1,205,200

① Contingency shall only be used with SFB staff approval.



March 18, 2015

John Muir, Director of Facilities and Construction
Cave Creek Unified School District
33606 N. 60th Street
Scottsdale, AZ 85266

Re: Reroofing of Ballasted Roofs @ Cactus Shadows High School

Subj: Roof Assessment and Budget Estimate

Dear Mr. Muir:

The Arizona State Facilities Board is considering the replacement of the 20 plus year old ballasted roofs at Cactus Shadows High School. These roofs are located at buildings 100(SFB#1001), 200(SFB#1002), 300(SFB#1003), 400(SFB#1004), 500(SFB#1005), 600(SFB#1006), 700(SFB#1007), and 800(SFB#1008). The approximate total square footage of the ballasted roofs is 103,000 square feet.

At the January 2015 SFB meeting the Board approved funding for us to provide the following.

1. Evaluation by a roofing consultant to determine the existing roofing condition and a recommendation for the replacement of the ballasted roof. WRECORP's report is attached.
2. Structural evaluation by a structural engineer to determine the condition of the existing roof structure that has supported the ballasted roof for 20 plus years and to verify that the existing structure will support the new roofing recommended by the roofing consultant. Broderick Engineering's report is attached. There were no visual structural defects of the existing structure.
3. One Architecture to prepare construction documents, with assistance from the roofing consultant, for the roof replacement and provide a budget estimate for the roof replacement. The construction documents are attached.

The construction budget for the roof replacement is as follows.

1. Construction Cost: \$1,060,000
2. Construction Administration:
 - a. WRECORP Roofing Consultant: \$17,500
 - b. ONE Architecture: \$3,500
3. **Total Construction Budget Estimate: \$1,081,000**

Upon approval, we will secure the roofing subcontractor and begin the work.

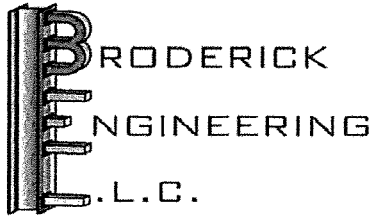
Sincerely,

ONE! Architecture

Donald R. Brubaker Jr.

Principal Architect

Attachments: Broderick Engineering Report, WRECORP Report, Construction Documents



Civil & Structural Engineering Consulting

March 17, 2015

Mr. John Muir
Cave Creek Unified School District

Re: Cactus Shadow High School Reroofing – Cave Creek, Arizona
BE#15026

John,

As requested, we have performed a structural analysis to determine the capability of the roof framing systems for the following existing buildings 100, 200, 300, 400, 500, 600, 700, and 800, at the High school campus with the existing ballast roofing materials. Our analysis is based on original construction documents by Lescher and Mahoney Architects and Engineers dated January 10, 1994. In addition, we performed a visual investigation on February 16, 2015 in order to field verify existing conditions and provide as-built verification.

Building Descriptions

The existing buildings construction consists of 1 ½" steel deck over steel bar joists. The bar joists are spaced approximately 6'-0" o.c. The steel joists are supported by either masonry bearing walls or steel beam and steel column lines. The joists depth shown on the construction documents were verified during our inspection.

Existing Roof Loads

Jeff Barton, in my office, returned on March 4, 2015 to the site to obtain the weight of the gravel ballast. Jeff took weight measurements in four areas: building 500 over the Band room, building 600 over the boys locker room, building 600 over the girl locker room, and building 700 over the kitchen. The following were the corresponding weights: Bldg 500 = 18.4 psf; Bldg 600 Boys = 13.4 psf; Bldg 600 Girls = 10 psf; and Bldg 700 = 11.9 psf. The average of the four areas was 13.4 psf. Per the attached structural calculations, we used 13.4 psf for the rock ballast with a total roof dead load of 26.7 psf. The roof live load equals 20 psf for all of the existing buildings.

New Reroofing Roof Loads

It is our understanding that the existing ballast roofs at these buildings will be removed and a lighter roofing material will be installed to replace the existing. The new roofing material weight will be approximately 3.5 psf which is less than 13.4 psf used in the analysis, and the existing roof structure will support new roof material.

Structural Analysis

The roof decking, joist size & spacing, and beam size have been field verified to match the existing construction. Structural calculations have been provided

verifying the original design of the roof decking, roof joists, and roof beams for the school buildings.

Based on our analysis, the joists labeled J21 and J22, in the key plan, on building 500 are overstress with a ballast weight of 18.4 psf, and a full live load on the joists. (Note The 18.4 psf weight of the rock was measured over the band room, and the joists J21 and J22 are located east of the band room.) We have analyzed the remaining building with an average weight of 13.4 psf for the ballast. The remaining building roof systems are structurally adequate to support the existing ballast roof, provided that the weight doesn't exceed 13.4 psf. We only took samples of the weight of the rocks in four locations on the buildings as noted above, and the weight varied between all of them – (18.4 psf to 10 psf). The weight of the ballast rock can vary based on the size and thickness of the rock layer. We are recommending that the rock ballast roofing material be removed and replaced with a lighter roof material to insure that weight of the roofing is within the allowable dead load placed on the roof. We didn't see any signs of distress in the steel joists or the steel beams.

Disclaimer

Broderick Engineering, LLC is not the original engineer of record for the existing structures, and did not inspect these structures for signs of distress other than those items mentioned in this report. As with any existing structure, the structural integrity cannot be warranted, and no warranty is given, either expressed or implied. The owner assumes the responsibility for correcting deficient items that are brought to their attention, and for performing any ongoing monitoring to assure the structures are maintained, and signs of deterioration or distress are evaluated and corrected immediately as items occur. If construction conditions vary from what has been noted and referenced in this analysis, the contractor and/or owner shall notify the engineer of record.

Sincerely,



Greg S Broderick, S.E., M.S.
Structural Engineer



John Muir
Director
Cave Creek Unified School District
33016 N. 60th St.
Scottsdale, AZ 85266

Project: Cactus Shadows High School
Project Address: 5802 E. Dove Valley Rd., Scottsdale, AZ

WRECORP was retained to assess the existing ballasted EPDM roof system at above listed address. This report contains WRECORP's opinions on the existing conditions found at the time of inspection.

All opinions, conclusions and/or recommendations within this report are subject to change in the event that any additional information is discovered or brought to the attention of WRECORP.

Industry standards use: NRCA (National Roofing Contractors Association).

Summary

The existing roof system is in poor shape and has been repaired multiple times over the past years. Section of the roof ballast has been removed in order to facilitate repairs. This roof is a ballasted EPDM (ethylene propylene diene monomer). The system including the insulation board under the EPDM is not fastened to the metal decking with any approved fastening pattern. The roof system is secured by use of the ballast (rocks). Therefore it is not possible to remove the rock ballast and apply a roofing system directly to the EPDM. The rock and EPDM will have to be removed and the insulation boards will be examine for use in the new roof system.

It is our opinion that the roof system should be removed down to the insulation board and a new roof system installed meeting the SFB requirements.

The following photographs depict typical and systemic conditions found at the time of inspection.

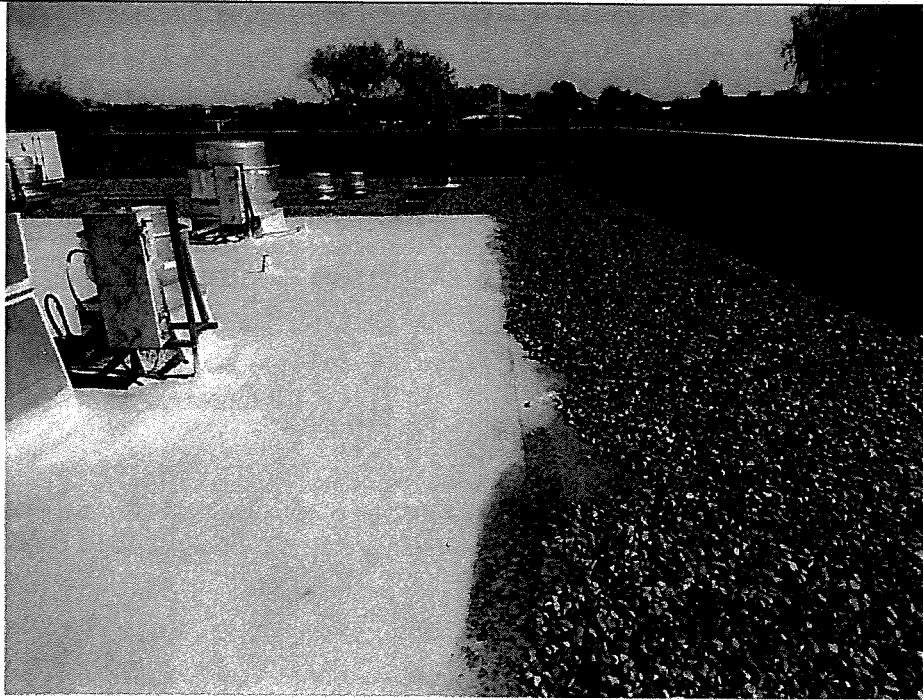


Photo # 1

Description: This section of the roof has recently been repaired by removing the rock ballast and spray applying polyurethane foam with acrylic coatings over the top of the EPDM roofing. This is only a temporary solution.



Photo # 2

Description: These sections have been repaired by scraping back the ballast rock and three coursing the seams in the EPDM with polyester fabric and acrylic coatings.

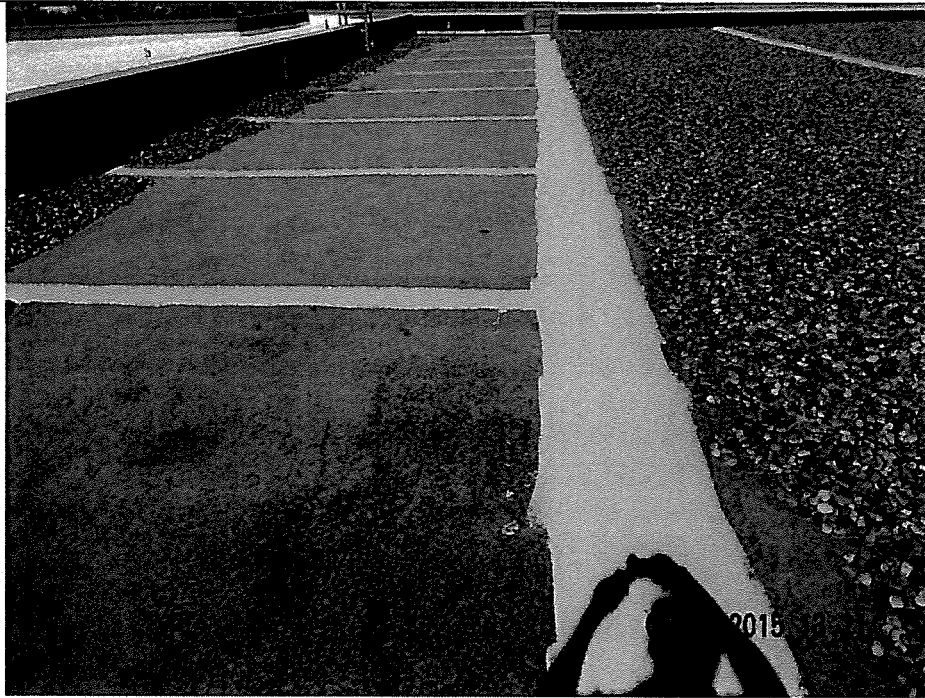


Photo # 3

Description: These sections have been repaired by scraping back the ballast rock and three coursing the seams in the EPDM with polyester fabric and acrylic coatings.



Photo # 4

Description: Typical view of wall reglet and counter flashings set on masonry block walls.

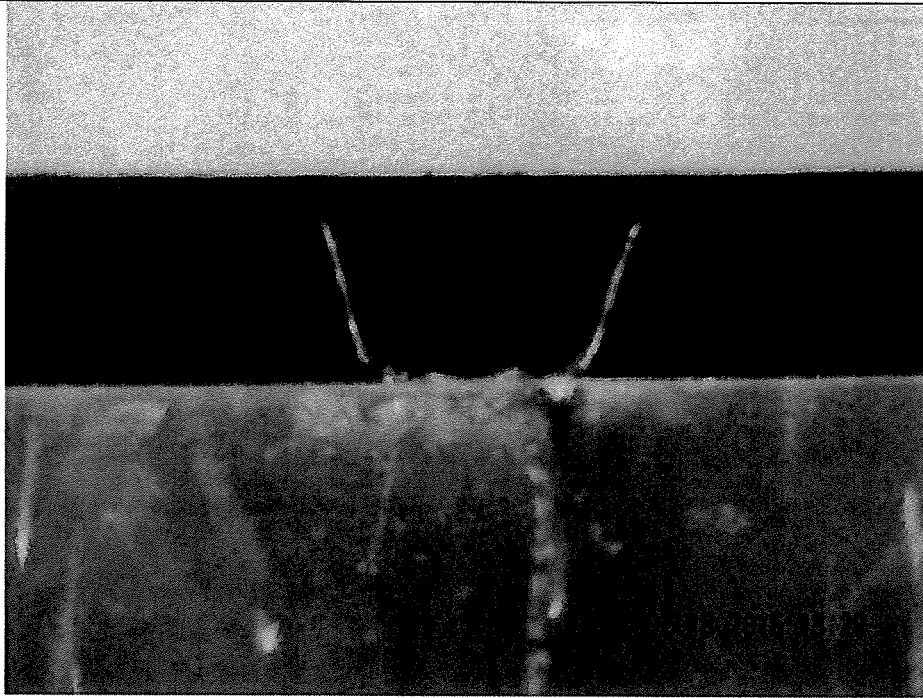


Photo # 5

Description: Metal decking observed at the roof hatch. Appears to be standard B decking.



02.18.2015 13:29

Photo # 6

Description: Standard insulation application. The insulation has no actual R-values due to the air convection that is able to move around the entire building. New insulation will need to be installed on top of the metal deck with the new roof system.

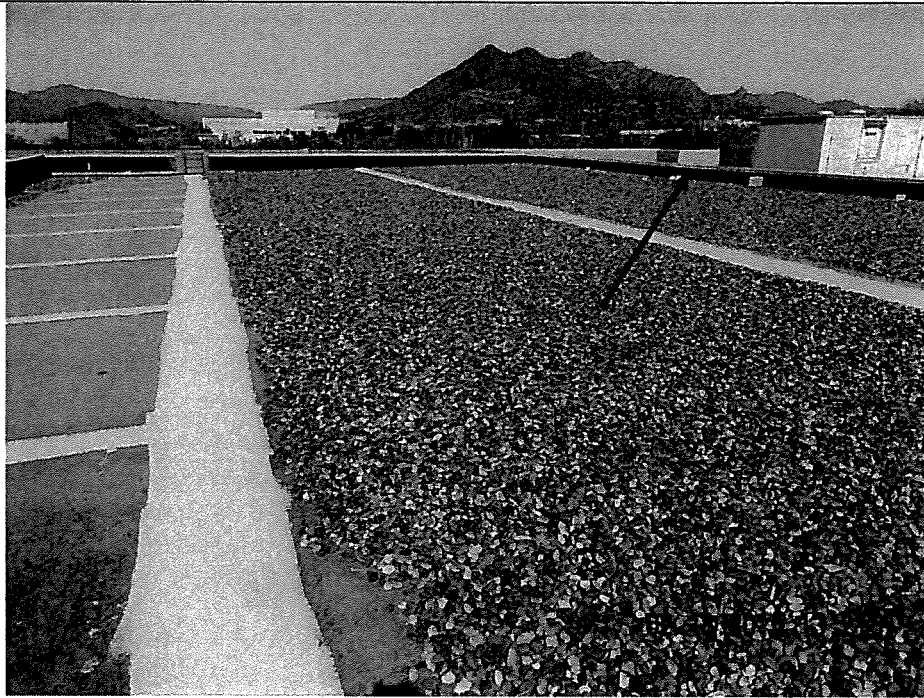


Photo # 7

Description: Lack of ladders to gain access to the roof section from the roof hatch. Wall is about 5 feet tall down to the other deck.



Photo # 8

Description: The current roof is approximately 1.5" thick.

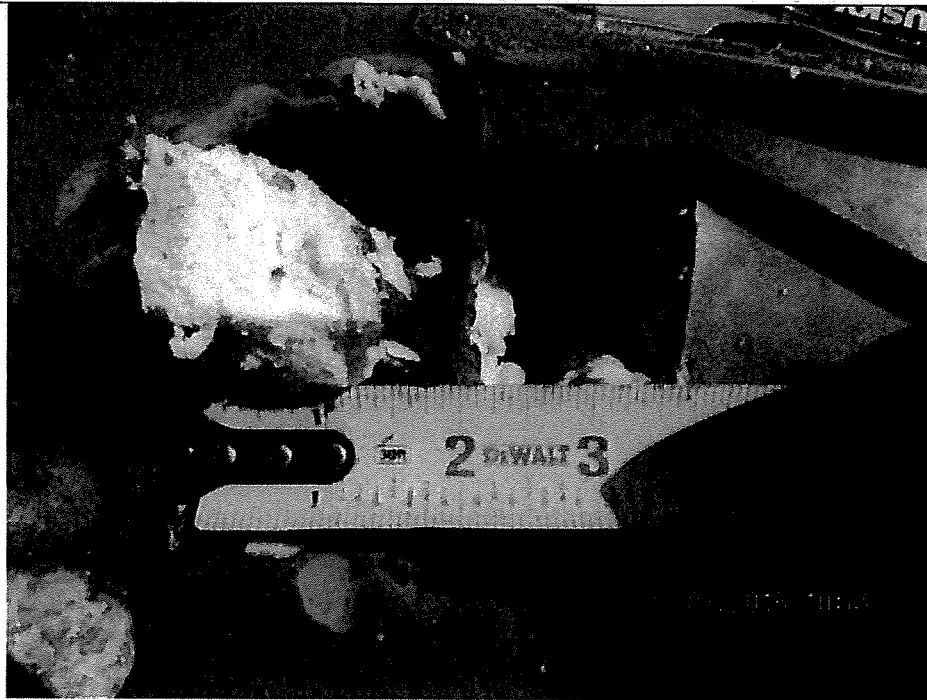


Photo # 9

Description: The current roof insulation appears to be viable and is 1.5" polyisocyanurate.



Photo # 10

Description: Some curbs will be required to be raised to meet the industry standard of 8" above finished roof height. The new roof system will be 2.5" higher than the existing roof.



Photo # 11

Description: Some roof penetrations will have to be raised to account for the height of the new roof.

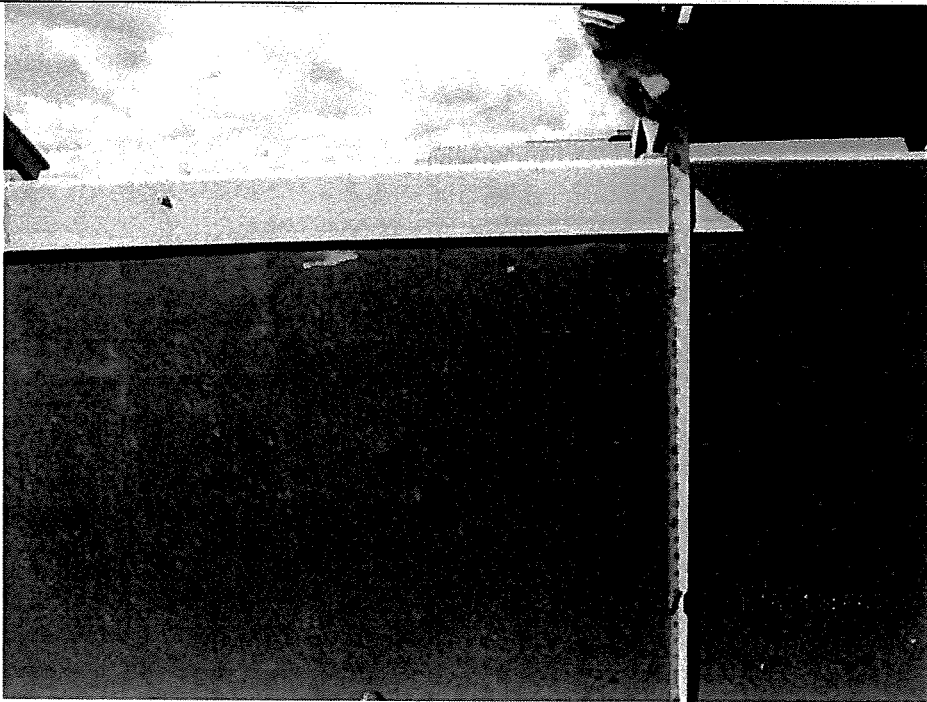
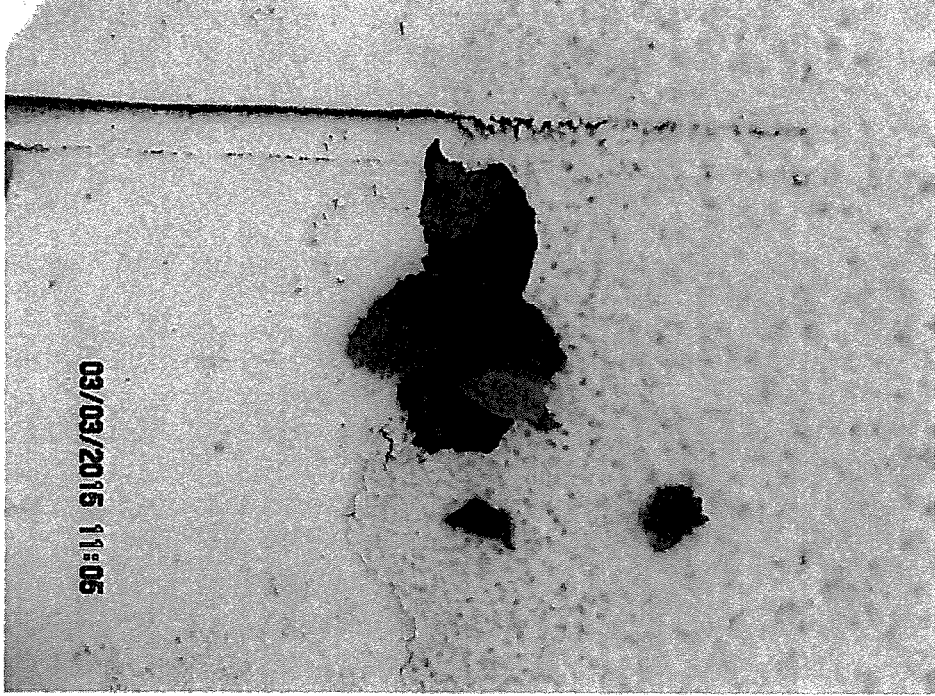


Photo # 12

Description: Walls are high enough but the roofing materials are under the copings. The copings will have to be removed and reset with the new roofing system.

		
Photo # 13		
Description: Existing roof repairs with foam directly to the EPDM has failed.		

Recommendations:

1. Remove and properly discard the existing rock ballast and EPDM roofing.
2. Leave the existing viable insulation in place.
3. Install new insulation to achieve R- value of 12 total insulation value.
4. Mechanically fasten insulation to achieve a class I-90 wind uplift value.
5. Spray 2 inches of polyurethane 3.0 lb. density foam.
6. Spray apply a single lock granule roof coating with a double lock granule system around all serviceable equipment.
7. Spray all interior parapet walls with 25 mils DFT white coatings.
8. Remove the copings and install waterproof membrane where missing and then reinstall.

Jerry L. Brown, RRO 3/1/2015

Consultant/Inspector Date

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.

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Coolidge Unified**
BRG Project Number: **110221007-1007-016BRG**
Project Description: **Replace two 10-ton compressors**
Architect of Record: **n/a**
Contractor: **A Quality HVAC (623-853-1482)**

Pinal County

Board approval: 3/4/2015

Supplemental award: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost: (cost estimate provided by architect or contractor)		\$ 33,086
Contingency ①		\$ 4,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 10,000
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ 5,500
Total Additional Cost:		\$ 15,500
Total SFB Funded Project Cost:		\$ 52,586
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 52,586
Total Project Cost:		\$ 52,586

① Contingency shall only be used with SFB staff approval.



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

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

Coolidge Schools
HVAC Replacement
CHS Cafeteria
03-23-2015

We arrived to replace compressor in system, while inspecting unit we found it was low on charge. We were able to locate a non repairable leak(s) in the middle of coil as well as a restriction in the system. It is our recommendation based on the age of the unit (30+ years) and repairs (new coil & restriction) need the unit be replaced. The following is a proposal to replace (1) 20 ton package units (#D2CG240N24046C).

Our price includes:

- (1) 20 ton Carrier Package units
- (1) custom curb/curb adaptors
- Replace electrical whip & Disconnect
- Crane service (Estimated based on weight and location at \$2,000)
- Removal and proper disposal of existing units as per EPA standards
- Start up & Testing
- Labor (estimated 4 technicians for 8-10 hours)

Total price \$21,985.50 (forty three thousand nine hundred seventy 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

 X Building Renewal Grant Fund

District: **Duncan Unified**
Project Number: **060202101-1005-001BRG**
Project Description: **Replace heating units and controls**
Architect of Record: **Building Energy Solutions Provider (602-377-2679)**
Contractor: **TBD**

Greenlee County

Board approval: 2/4/2015
Supplemental award: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 150,000
Contingency ①		\$ 12,500
Architecture / Engineering (A&E) Fees		\$ 5,000
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 18,500
Testing & Inspection		\$ -
Total Additional Cost:		\$ 23,500
Total SFB Funded Project Cost:		\$ 186,000
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 186,000
Total Project Cost:		\$ 186,000

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



March 9, 2015

Mr. Eldon Merrell
Superintendent
Duncan Unified School District
180 Stadium Street
Duncan AZ 85534

Ref: Assessment of Heating & Cooling System at Duncan Elementary School MPR Bldg # 1001

Dear Mr. Merrell,

Per district's request, BESP assessed a heating/cooling system at Duncan Elementary School Multi-Purpose Room (MPR) building. The MPR building built in 1974 is approximately 13,000 square feet. The MPR space along with kitchen and locker rooms are currently served by five (5) sterling make-up air units, and two (2) adobe air evaporative coolers. The units were installed in 1999. The condition of the existing units are briefly described below. The detailed field-notes are included in the report as an attachment (SK-1).

1. Two (2) sterling make-up air units serving the MPR are in non-working conditions.
2. Two (2) adobe air evaporative coolers serving the MPR are in working conditions.
3. One (1) sterling make-up air unit serving kitchen works only in heating mode.
4. Two (2) sterling make-up air units serving boys and girls locker rooms are in non-working conditions.

Per our evaluation, our recommendation is to replace existing make-up air units with new air-conditioning units as described in an attachment (SK-2). Our recommendation is to:

1. Replace three (3) existing make-up air units serving locker rooms and kitchen with new air-conditioning units.
2. Replace two (2) existing make-up air units serving MPR with new air-conditioning units.
3. Remove two (2) existing adobe air evaporative coolers and associated ductwork from the roof.
4. Replace existing aluminum electrical wires with copper and upgrade electrical as needed for code compliance.

In addition to it, a portion of the elementary school campus including MPR and a classroom building with fourteen (14) classrooms (served by water source heat-pumps) are controlled by older version of Climatec/Alterton control system. It is noted that the district is not able to access the units at MPR and the classrooms through existing control system. To effectively control the units, the options are either to upgrade the control system with a newer version of Alterton control system or replace it with thermostats.

Our recommendation is to provide new programmable thermostats for new units at MPR and existing water source heat-pump units at the classroom building.

A design and installation cost to replace make-up air units at Duncan Elementary School MPR is estimated as following:

Scope: Replace existing make-up air units with air-conditioning units; upgrade electrical and control system; Perform structural analysis of the roof.

1) Design Services Fee - \$18,500

a. Design & Documentation

- i. Design/Load calculation/Specifications for new air-conditioning units
- ii. Electrical Design & Documentation
- iii. Control Specification
- iv. Perform structural analysis by a certified structural engineer
- v. Produce construction documents
- vi. Prepare and review bid documents

b. Construction Administration

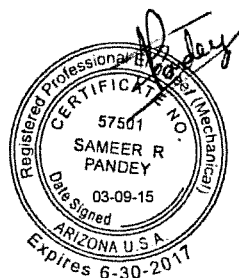
- i. Submittal review
- ii. Site visits/meetings
- iii. Installation verification
- iv. Close-out documentation review

2) Estimated construction/Installation Cost - \$150,000

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. Field Notes: SK-1
2. Existing Units Layout Plan: SK-1
3. Proposed Layout/Demo Plan: SK-2

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT****Detail of Additional Cost and Contingency**
X Building Renewal Grant Fund

District: **Flowing Wells Unified**
BRG Project Number: 100208170-9999-002BRG
Project Description: **Exterior reseal and structural repairs**
Consultant: Swaim Associates (520-326-3700)
Contractor: TBD

Pima County

Board approval: 11/12/2014
Supplemental award: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 269,500
Contingency ①		\$ 25,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 6,000
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 6,000
Total SFB Funded Project Cost:		\$ 300,500
District or Local Funds:		\$ 6,000
SFB Board Approved Amount:		\$ 300,500
Total Project Cost:		\$ 306,500

① Contingency shall only be used with SFB staff approval.

February 25, 2015

Dan Scheller
Flowing Wells Unified School District
2390 West Wetmore
Tucson, Arizona 85705

RE: Fee Proposal for Flowing Wells Junior High School, Paint Exterior CMU &
Concrete Fascias. – Construction Administration

Dear Dan,

I respectfully submit the following fee for your consideration. The scope of work includes:

- Onsite meetings to monitor progress.
- Evaluate Submittals
- Evaluate Payment Applications
- Perform a punch list.

Construction Administration Fee
Swaim Associates

\$2,500.00

Total Construction Administration Services

\$2,500.00

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

February 10, 2015

**Flowing Wells Unified School District
Flowing Wells Junior High School
Building Renewal Grant, Paint & Repairs**

Estimate of Probable Construction Costs

1.	General Conditions (Supervision, Waste Management)	\$10,000.00
2.	Demo Ceramic Tile	\$3,000.00
3.	Misc. Patch & Repairs	\$3,000.00
4.	Masonry Control Joint Repairs	\$2,500.00
5.	Caulking at Conduit & Pipe Penetrations	\$1,500.00
6.	Clean, Prepare & Paint Concrete Fascia Panels	\$35,000.00
7.	Clean, Prepare & Paint Concrete Masonry	\$185,000.00
8.	Taxes & Insurance	\$7,500.00
9.	Overhead & Profit	\$22,000.00
<hr/> TOTAL		\$269,500.00

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT****Detail of Additional Cost and Contingency**
X Building Renewal Grant Fund

District: **Flowing Wells Unified**
BRG Project Number: 100208170-1009-003BRG
Project Description: **Repair roof and mechanical systems**
Consultant: Swaim Associates (520-326-3700)
Contractor: TBD

Pima County

Board approval: 11/12/2014
Supplemental award: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 96,413
Contingency ①		\$ 10,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 10,310
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 11,850
Testing & Inspection		\$ -
Total Additional Cost:		\$ 22,160
Total SFB Funded Project Cost:		\$ 128,573
District or Local Funds:		\$ 10,000
SFB Board Approved Amount:		\$ 128,573
Total Project Cost:		\$ 138,573

① Contingency shall only be used with SFB staff approval.

February 25, 2015

Dan Scheller
Flowing Wells Unified School District
2390 West Wetmore
Tucson, Arizona 85705

RE: Fee Proposal for Flowing Wells Junior High School Gym Roofing Repairs.
Construction Administration

Dear Dan,

I respectfully submit the following fee for your consideration. The scope of work includes:

- Pre Bid Meeting
- Onsite meetings to monitor progress.
- Evaluate Submittals
- Pre Roofing Conference
- Evaluate Payment Applications
- Perform a punch list.
- Close out review.

Construction Administration Fee

Swaim Associates	\$2,000.00
WreCorp	8,050.00
Schneider	400.00
KC Mechanical	700.00
M3 Engineering	700.00
Total Construction Administration Services	\$ 11,850.00

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

February 16, 2015

**Flowing Wells Unified School District
Flowing Wells Junior High School
Building Renewal Grant, Gym Re-roofing**

Estimate of Probable Construction Costs

1.	General Conditions (Supervision, Waste Management)	\$10,000.00
2.	Demolition	\$2,500.00
3.	Sheet Metal Downspouts	\$4,000.00
4.	Steel Access Ladders	\$2,500.00
5.	Roof Replacement at Scuppers	\$9,000.00
6.	High Roof Coating	\$19,000.00
7.	Low Roof Coating	\$12,000.00
8.	Replace Coolers	\$10,000.00
9.	Misc. HVAC Repairs	\$2,500.00
10.	Electrical Related to Cooler Connections	\$4,000.00
11.	Masonry Repairs	\$3,000.00
12.	Taxes & Insurance	\$4,000.00
13.	Overhead & Profit	\$9,000.00
<hr/> TOTAL		\$91,500.00



Solving Environmental Concerns Efficiently, Effectively & Ethically

February 16, 2015

Flowing Wells Unified School District
Attn: Dan Scheller (850-9776)
2390 W Wetmore
Tucson, AZ 85705

Re: Revised Estimate for Flowing Wells Junior High School
Subject: "Asbestos Containing Roofing Material Removal"

Sir:

Per your request for SHC quote and the sampling/ survey results and your provided construction drawings:

- Upper and Lower Level Roofing of Gymnasium – Approximately 1,020 SF

Work will be over a Normal Crew Work Schedule with 1-2 Crew Shifts for setup and removal:

- ❖ AHERA Trained Contractor Supervisor & Crew.
- ❖ Implement fall prevention measures.
- ❖ Water source and Power to be provided by Owner.
- ❖ Remove 4 - 6'x30' areas of built up roofing near the scuppers. Areas of removal to be marked out by FWUSD personnel or other, (keynote 7.05 on drawing).
- ❖ Remove all sealant from 6- lower level scupper areas, (keynote 7.06 on drawing).
- ❖ Remove all sealant from the HVAC units and curbs, (keynote 23.02).
- ❖ Provide packaging, transport, and disposal, with completed waste disposal records for your records.
- ❖ Pima County NESHAP permit is not required.
- ❖ 3rd Party Clearance Sampling is not required, (outdoor roof work).
- ❖ Provide OSHA required personnel air monitoring results.

Total Removal Amount: \$ 3,401.81

(SHC State of Arizona Statewide Asbestos Contract Number: - ADSP012-033257).

Notes:

1. Insurance Certificate
2. Appropriate Taxes Included

Should you have any questions please feel free to contact me at your convenience. I can be reached at (520) 622-3607 ext. 129

Sincerely,

Stan Maxam

Estimator/ Manager

1953 West Grant Road
Tucson, AZ 85745
520.622.3607
Fax 520.622.3643
1.800.279.5266

2404 West Campus Drive
Tempe, AZ 85282
480.517.9040
Fax 480.517.9140
1.866.794.9040

9112 Susan SE
Albuquerque, NM 87123
505.298.6930
Fax 505.298.7142
1.800.279.5268

712 Whitney Street
San Leandro, CA 94577
510.352.5152
Fax 510.352.5155
1.800.326.8558



**Agreement
Between Contractor and Owner/Client**

Sagebrush Restoration, LLC
2845 S 46th Street
Phoenix, AZ 85040
Office (602) 689-4907
Fax (602) 296-5921

Bid No: JC15-128

THIS AGREEMENT, entered into on Friday, February 20, 2015 by and between Sagebrush Restoration, LLC ("Sagebrush") and:

Client Information:
Dan Scheller
Flowing Wells Unified School District
1556 W Prince Rd
Tucson, AZ 85705

Project is identified as: Flowing Wells JR High Gym Reroofing
Project Location: 4545 N La Cholla Blvd. Tucson, AZ 85705

THE PARTIES AGREE TO THE FOLLOWING:

1. Sagebrush agrees to the scope of work as noted below:

Sagebrush will regulate the area and remove approx. 960 sf of ACM roofing pursuant to CFR OSHA 1926.1101 Class II Work. ACM roofing will be removed in the 10 locations identified on the SWAIM and Associates construction documents page a1.0 keynote 7.05 & 7.06 where scuppers will be repaired. ACM Roofing will be removed adequately wet and placed in leak tight containers for disposal.

BID TOTAL: \$4,913.00

It is the responsibility of the Owner/Client to contract with a Third Party Industrial Hygienist for any inspections, air monitoring and/or clearance sampling.

2. Price includes: Labor, materials, equipment and personal protection equipment in order to perform the above mentioned scope of work in a safe and efficient manner. The estimated time frame will be 2 day(s). This job will be performed Monday through Friday during the hours necessary to meet your schedule.

NOTES:

- A. Compliance of all EPA and OSHA Regulations.
 - B. Per occurrence \$5 million A+X rated insurance.
 - C. Arizona Contractors License – ROC 274599
 - D. Power and water provided by Owner.
 - E. 1GPA contract # 14-154
3. Within 48 hours of project completion, Owner/Client will identify in writing any property damage associated with project completion. Sagebrush will not be responsible for any damages identified beyond that 48-hour time period.
4. If post abatement monitoring is required, it will be performed by third party industrial hygienist contracted by the Owner. Sagebrush is only responsible for passing clearance protocols within the above identified contained work areas. Clearance protocol for asbestos abatement will be based on Phased Contract Microscopy (PCM) sampling technique. When PCM results are less than **.01 f/cc**, then the post abatement clearance criteria has been met. If Transmission Electron Microscopy (TEM) is required then clearance criteria will be less than **70 s/mm²**
5. The Owner/Client agrees to pay Sagebrush the contract sum, based upon invoices for payment submitted by Sagebrush. **The owner shall make payments payable net 30 days.**
6. Invoices are due net 30 days from invoice date. Interest shall accrue on past due invoices at 1.5% per month no greater than 18% annually on all unpaid invoices.
7. Any alterations or deviations from the specified scope of work will be completed upon written consent from authorized personnel. This proposal shall become part of the contract document and by signing, you agree to all conditions listed within.
8. Bid price is good for 60 calendar days, at which time Owner/Client and Sagebrush can confer with one another on current market price.

**** Due to health concerns and safety hazards related to the above project, NO ONE is permitted into a posted regulated work area unless they have permission from Sagebrush. Should unauthorized entry be made, Sagebrush is not liable for interference and failure to complete clearance testing standards.**

Note: Closeout Documents will only be provided upon written request from client within 30 days of project completion.

Jeff Cromer

Submitted by: Jeff Cromer
Owner Member

Accepted by: _____

Name Printed: _____

Title: _____

Date: _____



ENVIRONMENTAL INCORPORATED

associated consulting technologies

February 23, 2015

Mr. Dan Scheller
Flowing Wells Schools
2390 W. Wetmore Road
Tucson, AZ 85705

RE: Oversight For the Flowing Wells JR High Re-roofing Project

Dear Mr. Scheller:

ACT Environmental Incorporated (AEI) is pleased to submit a proposal for the above referenced project. AEI proposes to perform asbestos oversight consulting services to the Flowing Wells School District. These services will be provided in accordance with our State of Arizona consulting contract number AD050026-A7.

AEI is a registered environmental engineering consulting firm with extensive experience in asbestos issues. AEI staff are certified by the EPA to perform asbestos consulting. The work for this project will be performed under the direction of a certified industrial hygienist.

The scope of the abatement work includes monitoring the removal of 960 sf of asbestos roofing materials on Jr. High Gym. The exact scope is described in a proposal dated February 20, 2015 from Sagebrush Restoration. AEI will evaluate removal procedures to ensure compliance with State and Federal laws governing asbestos removal. It is understood that the project bid scope has been completed and the project has been awarded to Sagebrush.

AEI's scope of work will include the following:

- Review permits, review contractors work plan, and perform a pre-work containment inspection of the work area.
- Conduct visual inspection of the work areas during the completion of asbestos abatement in each work area.
- Collect perimeter air samples during removal activities. Samples will be analyzed by phase contrast microscopy analysis.
- Provide a final written report detailing clearance inspection and testing findings.

The fees for this scope of work is a lump sum of \$1,200. This assumes the filed work can be completed in two days.

If you have any questions concerning this proposal, please feel free to call me at (520) 791-9029.

Sincerely,

William F. Martin, CIH

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**

Detail of Additional Cost and Contingency

 X Building Renewal Grant Fund

District: **Holbrook Unified**
Project Number: **090203102-9999-002BRG**
Project Description: **Replace 10 HVAC units and repair relief hoods**
Architect of Record: LSW Engineers (602-249-1320)
Contractor: TBD

Navajo County

Board Approval Date: 11/12/2014
Supplemental award: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 115,700
Contingency ①		\$ 10,000
Architecture / Engineering (A&E) Fees		\$ 24,190
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 12,660
Testing & Inspection		\$ -
Total Additional Cost:		\$ 36,850
Total SFB Funded Project Cost:		\$ 162,550
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 162,550
Total Project Cost:		\$ 162,550

① Contingency may only be used with SFB staff approval.

Pat Cruse

From: Philip J. Mouw [pmouw@lswphx.com]
Sent: Wednesday, March 11, 2015 11:44 AM
To: 'Jacob Boyle (jboyle@holbrook.k12.az.us)'
Cc: Pat Cruse; Jim D'Andrea; Larry McEnnis
Subject: RE: Hulet Furnace Replacement Signed Drawings-Correction

Jacob,

Messed up on the scope of work. Use this instead:

Hulet Elementary School Evaporative Cooler Replacement

This project includes the following scope of work. See the drawing package for additional requirements and details.

1. Replace the existing evaporative cooler section on ten existing Trane heating and ventilating units with a new evaporative cooler section.
2. Reconnect the existing water, drain and electrical to the new cooler sections.
3. Inspect each roof curb for the four Trane units on the Multipurpose Building, plus fourteen relief hoods, and two exhaust fans for structural soundness.
4. Replace any unsound curbs with new roof curbs and properly flash into the existing roofing.
5. All remaining structurally sound curbs are to receive a new sheet metal skin and be properly flashed into the existing roofing.

Base Bid (New Coolers, Inspect Curbs, New Curb Skin) (Lump Sum): \$ _____

Replace existing curb on large heating and ventilating unit (each): \$ _____

Replace existing curb on small relief hood (each): \$ _____

Replace existing curb on large relief hood (each): \$ _____

Replace existing curb on exhaust fan hood (each): \$ _____

Also put together an estimate of probable construction cost.

Base bid: \$104,500.
Replace H&V Unit curb: \$3,900
Replace small relief hood curb: \$2,400
Replace large relief hood curb: \$2,900
Replace exhaust fan curb: \$2,000

Philip J. Mouw, P.E., LEED AP
602.336.3217

From: Philip J. Mouw
Sent: Wednesday, March 11, 2015 11:00 AM
To: Jacob Boyle (jboyle@holbrook.k12.az.us)
Cc: pcruse@azsfb.gov; Jim D'Andrea; Larry McEnnis
Subject: Hulet Furnace Replacement Signed Drawings

Jacob,

Attached are the signed drawings for bidding. We are still waiting on the structural calculations but I am heading out for spring break. We don't anticipate that there will be any structural implications as the weights have not changed much. We will forward that information as soon as we receive it.

Here is the information you need for the bid form. You can just copy paste what is below or edit as needed:



LSW Engineers
ARIZONA, INCORPORATED

October 24, 2014

Holbrook Unified School District #3
1000 N. 8th Avenue
Holbrook, AZ. 86025

Attn: Mr. Jacob Boyle

Re: Hulet Elementary School
Furnace Replacement
LSW Proposal No.2014-245

Mr. Boyle:

We are pleased to offer our engineering services for the rooftop furnace evaporative cooler replacements at Hulet Elementary School in Holbrook Arizona.

PROJECT UNDERSTANDING

This project is understood to be the replacement of (10) combination furnace/evaporative coolers serving (6) classrooms and the multipurpose building.

After the design is complete, an order of magnitude estimate of probable construction cost will be provided.

We understand this is an SFB funded project.

It is our understanding that as-built drawings will be provided to us for this project.

SCOPE OF WORK

Our engineering services for this project will consist of the following. Services not indicated below are considered outside of our basic scope and will be provided upon request as an additional service.

Mechanical

- A. Observe the condition of the existing roof mounted combination furnace/evaporative cooler.
- B. Units will be replaced with a furnace of the same capacity and a separate evaporative cooler connected to the furnace.
- C. Existing ductwork will be reused except for the final connection to the furnace/evaporative cooler.
- D. Reconnect existing gas, water and drain piping.
- E. Replace the roof curbs on the four (4) furnace/evaporative coolers serving the multi-purpose building.



- F. Replace the roof curbs on the relief hoods at the classrooms and the multi-purpose building, 14 total. Relief hoods will be reused.

Plumbing

- A. Plumbing work is not anticipated on this project and not included in this proposal.

Electrical

- A. Verify the existing power distribution to the furnace/evaporative coolers.
- B. Utility sourced electrical power design to include reworking electrical power to the furnace and the addition of separate power for the evaporative cooler.
- C. Provide new disconnect switches, if necessary, for new furnaces and evaporative coolers.
- D. It is assumed that there is sufficient available power for this project. Upgrades to the building power SES and main distribution panels are not assumed to be part of the scope of this project.

Architectural

- A. Provide drawings and details required for reroofing at furnace and evaporative cooler.

Structural

- A. Verify the roof structure support capacity, based on as-built drawings, for roof mounted furnace and evaporative cooler.
- B. Determine if additional structural reinforcement is required.
- C. Provide drawings and details for additional structure supports as necessary.
- D. If the existing drawings do not contain sufficient information for this project, the structure will be investigated as a reimbursable expense.
- E. If a special inspection is required, this will be billed as a reimbursable expense.

GENERAL

Our scope will include the following general engineering services for the project:

- A. One mechanical and one electrical site investigation to observe the systems associated with this project (site investigation is limited to accessible areas only).
- B. One architectural site investigation to observe the systems associated with this project (site investigation is limited to accessible areas only).
- C. Meetings are not anticipated as part of this project. Communications will be part of the site investigation, by e-mail or phone conversations.



- D. Provide partial AutoCAD drawings or sketches from the provided as-built drawings.
- E. One final set of signed and sealed drawings provided in electronic portable document format (PDF).
- F. Sheet specifications/notes on the drawings.
- G. One pre-bid meeting at the site.
- H. Our construction phase services will include the following:
 - 1. Review shop drawings and submittals, and office time during construction.
 - 2. Mechanical and electrical field observations during construction (maximum 3 trips) to confirm that the work is proceeding in accordance with the plans and specifications and prepare a written report on our findings. Special inspections as required by the local authority having jurisdiction will require additional services.
 - 3. Architectural field observation during construction (maximum of one trip). Special inspection or an additional field observation (maximum one trip) as required by the local authority having jurisdiction will be billed as a reimbursable expense.
 - 4. Structural field observation or special inspection during construction (maximum 1 trip) will be billed as a reimbursable expense.
 - 5. Record AutoCAD drawings will be created from Contractor prepared redlines. No verification of accuracy is included and documents will not be signed and sealed.
 - 6. Review the Contractor prepared Operation & Maintenance Manual.

PROFESSIONAL FEE

Our fee for the work outlined above is a lump sum amount as follows:

Site Investigation (M, E & A)	\$3,225.	} Phase I
Mechanical and Electrical Construction Documents	15,665.	
Architectural and Structural Construction Documents	2,150.	
Bidding	950.	} Phase II
Submittal Review, Office Time, Field Observations (M, E & A)	8,640.	
Review Record Drawings and O&M Manuals	820.	

Total	\$34,450.	

Estimated Reimbursable Expenses		
Mileage, Meals	\$1,650.	} Phase I
Structural Special Inspection	\$1,500.	
Structural Site Investigation	\$1,500.	} Phase II
Additional Architectural Observation	\$750.	

Phase II = 12,460.00



NOTE: This fee includes all travel expenses incurred within the metropolitan Phoenix area. Travel outside the metropolitan Phoenix area will be billed as a reimbursable expense including, but not limited to, travel, rentals, meals, lodging, and reasonable incidental expenses.

This fee does not include plotting or printing of sets of our drawings or other discipline's drawings for interprofessional coordination or distribution. We will provide PDF's to facilitate plotting of these submittals.

This fee is quoted on a lump sum basis. The breakdown of the fee into phases or tasks is for your convenience. The fee will be billed 100% at the end of the project, unless the scope of the project is changed by written agreement.

CLIENT SERVICES

Services requested of the Client and/or Owner include the following:

- A. Provide the following, as required, to assist us in the site investigation of existing conditions: facility access and an escort; ladders or other means to access overhead systems and equipment; and authorization for the use of cameras.
- B. Provide copies of the existing as-built construction documents.
- C. Provide access to the building maintenance staff to answer questions.

EXCLUSIONS

- A. Detailed cost estimating. An order of magnitude estimate of probable construction cost will be provided.
- B. All work associated with LEED certification of the project.
- C. Functional testing or commissioning services.
- D. Value engineering services or changes after 50% completion of the associated documents.
- E. Any design services caused by scope changes.
- F. Work in relation to the delinquency or insolvency of the Contractor(s).

ADDITIONAL SERVICES

Additional services will be performed on an hourly basis at our standard billing rates as follows:

2014:	Senior Engineer	\$165./ hour
	Engineer	\$140./ hour
	Field Observer	\$105./ hour
	Senior Designer	\$110./ hour
	Designer	\$90./ hour
	CAD Operator	\$80./ hour
	Clerical	\$70./ hour
	Outside Services	Our cost plus 10%



Holbrook Unified School District #3
LSW Proposal No.2014-245
October 24, 2014
Page 5

Our rates will remain the same for the duration of this project, assuming the project is completed according to the original project schedule. This proposal is effective for not more than 90 days.

LSW accepts the AIA B201 contract and requests that you prepare this document reflecting the terms and conditions of this proposal for our mutual execution prior to our beginning work.

We appreciate this opportunity and look forward to working with your firm on this project.

Regards,

LSW ENGINEERS ARIZONA, INC.

Robert J. Willcoxson, Jr., PE, LEED AP

RJW:sm

Please indicate your acceptance of this proposal by signing and returning one copy of this letter for our files.

APPROVED: _____ DATE: _____

YOUR PROJECT / REFERENCE NO.: _____

F:\MKT\PROPOSAL\2014\PR2014-245 fee Holbrook Hulet ES.docx

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Littlefield Unified**
BRG Project Number: **080409001-1008-001BRG** Mohave County
Project Description: **Repair roof**
Architect of Record: **Naylor Wentworth Lund Architects (435-656-2883)**
Contractor: **TBD**

Board approval: 12/10/2014
Supplemental award: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 155,000
Contingency ①		\$ 12,500
Architecture / Engineering (A&E)		\$ 1,375
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 8,800
Testing & Inspection		\$ -
Total Additional Cost:		\$ 10,175
Total SFB Funded Project Cost:		\$ 177,675
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 177,675
Total Project Cost:		\$ 177,675

① Contingency shall only be used with SFB staff approval

NAYLOR WENTWORTH LUND
ARCHITECTS

January 13, 2015

Mr. Mark Coleman, Superintendent
Littlefield Unified School District #9
3475 E Rio Virgin Road
Littlefield, AZ 86432

Re: Report of Initial Review of Roof Conditions at Beaver Dam Elementary School and Estimate of Probable Cost for Roof Replacement

Dear Supt. Coleman,

On January 6, 2015 an in-person review was conducted of the existing conditions of the roof at Beaver Dam Elementary School. The purpose of the review was to ascertain the condition of the existing single-ply roofing membrane and to provide opinion of whether or not the roofing should be replaced. Those in attendance during the review walk-thru are: Dustin Warren, Littlefield Unified School District #9; myself (Terance White, Naylor Wentworth Lund Architects); and Fred Vath, Techna Products Group, Inc.

Review Procedure

The group first walked the entire roof paying attention to seams, edge flashings, parapet flashings and roof drain flashings. We also reviewed locations where materials below the roofing membrane appear to be lacking appropriate attachment to the roof deck. Mr. Vath conducted core sampling in two locations on the roof near the south end of the multipurpose room walls. After reviewing the conditions of the core samples the two areas were patched. Finally, we looked at the roof deck and roof drains from below in one of the classrooms which has been most significantly affected by leaking. The review process lasted for approximately two hours.

Observations

Review of the existing roof conditions revealed the following:

- The south classroom wing addition and the area between it and the original building are roofed with a PVC roofing membrane manufactured by Sarnafil. The roof above the classrooms appears to be performing well and has no observable defects with little or no patching. However, at the area between the south classroom wing and the original building the roofing membrane was observed to have a greater level of wear with a great deal of patching. Also, it was noted that the parapet walls in that area have been caulked and patched above the level of the roof to wall flashing. See Photo #1.
- The roof over the original building is covered with a TPO membrane manufactured by Stevens. This material is showing significant wear. Stress marks with small fissures adjacent to the seams are present. These stress marks appear to be more significant in the membrane on the roof above the multi-purpose room area. It was noted that the seams of this roofing have been patched. Photo #2 shows an example of the stress marks and fissures.
- It was noted that the TPO membrane leaves a chalky residue when touched. This is indicative of degradation of the membrane's UV inhibitors.
- The northwest corner of the roof above the multi-purpose room is cracked and worn through. See photo #3.
- The metal cap flashings across the entire roof appear to be in good condition. See Photo #4.

Recommendations

Based on review and observations the following are the recommended actions to be taken:

- New roofing should be provided on the entire original building as well as the area between the original building and the south classroom wing addition. A new single-ply membrane system is recommended. There are two options for installing the new roofing. 1) The existing membrane can remain in place and be overlaid with a cover board which then becomes the substrate for the new roofing. 2) The existing membrane can be removed and the existing roof insulation remains to act as the substrate for the new roofing. This constitutes 29,000 square feet of roofing.
- Portions of the existing roofing system, including the roofing insulation, should be removed down to the roof deck and be replaced in entirety. One of these areas is at the roof drains just east of the walls that make up

the multi-purpose room. The other area is around the roof drains of the west classroom wing. The combined area of these two locations is 2,600 square feet.

- All roof drain flashings should be completely redone whether or not the existing membrane stays in place.
- The parapet walls should be wrapped with roofing up to, and underneath the cap flashings.
- Existing metal cap flashings should be removed to allow for re-roofing, but can be replaced instead of purchasing new.

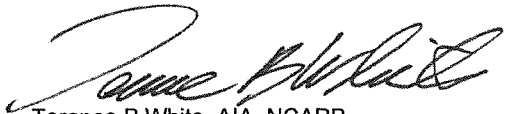
Estimate of Probable Cost

If the above recommendations are followed it is anticipated that the following estimated probable costs will be incurred:

- Install new roofing	\$125,000
- Replace portions of complete existing roofing system	\$30,000
- A&E Fees	<u>\$8,800</u>
- Total	<u>\$163,000</u>

Please feel free to contact me should you have any questions regarding this report.

Sincerely,



Terance B White, AIA, NCARB
Senior Associate / Director – St. George Office
Naylor Wentworth Lund Architects



Photo #1

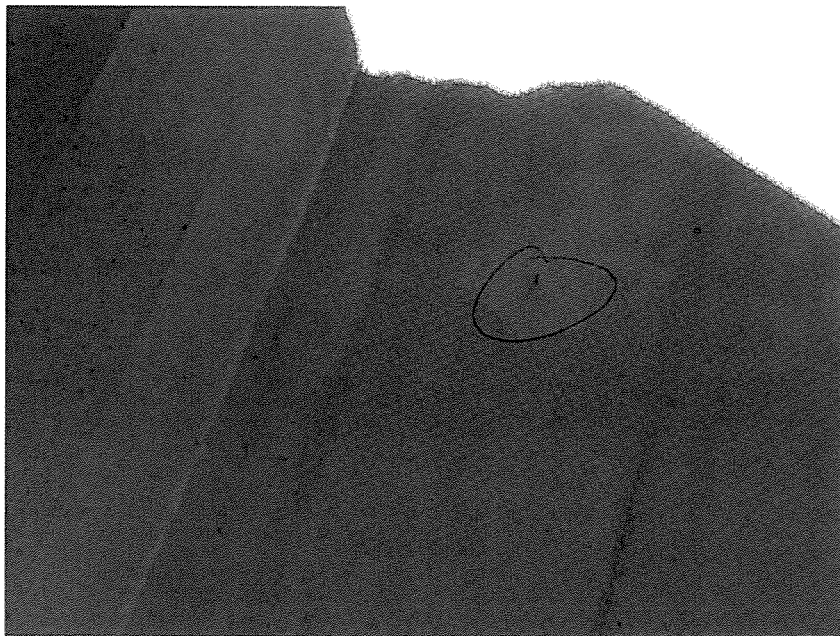


Photo #2



Photo #3



Photo #4

NAYLOR WENTWORTH LUND
ARCHITECTS

January 13, 2015

Mr. Mark Coleman, Superintendent
Littlefield Unified School District #9
3475 E Rio Virgin Road
Littlefield, AZ 86432

Re: Architectural and Engineering Services for Re-Roofing at Beaver Dam Elementary School

Dear Supt. Coleman,

Naylor Wentworth Lund Architects is pleased to submit the following proposal to provide architectural and engineering services for designing, documenting and conducting construction administration for the re-roofing of Beaver Dam Elementary School.

Scope of Services

We understand the following to be the scope of our services for this project:

1. Produce construction documents sufficient for bidding and construction of the new roof.
2. Retain the services of a structural engineer to review the drawings as per state regulations.
3. Coordinate with LUSD #9 and AZSFB to conduct a pre-bid walk-thru with roofing contractors interested in bidding the project.
4. Aid LUSD #9 and AZSFB in bidding the project.
5. Conduct four (4) site visits to the project during the course of construction.
6. Conduct one (1) final closeout visit to the project at the completion of the project.

Fee

Naylor Wentworth Lund Architects proposes to be compensated for the services listed above at a cost of \$8,800.00. This fee includes the cost of travel (including mileage and meals) for site visit trips.

Reimbursable Expenses

Reimbursable Expenses are in addition to the compensation outlined above and are expenses incurred by the architect directly related to the project. Prior to incurring reimbursable expenses the architect will notify Littlefield Unified School District #9 and the Arizona School Facilities Board of the need to incur the expense. Furthermore, reimbursable expenses will not be billed for unless they have been first agreed upon, in writing, by the architect and LUSD #9 and ASFB. Compensation for reimbursable expenses will be the cost of the expense plus twenty percent (20%) of the expense incurred.

We appreciate this opportunity to once again work with Littlefield Unified School District #9 and the Arizona School Facilities Board on this project. Please review the proposal and, upon approval, return a signed copy to us. Please call if you have any questions.

Sincerely,



Terance B White, AIA, NCARB
Senior Associate / Director – St. George Office
Naylor Wentworth Lund Architects

Accepted by: _____

Signature: _____

Title: _____

Date: _____

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting date: April 1, 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)

**Mesa Unified (3 requests)
Mohave Valley Elementary
Mohawk Valley Elementary
Page Unified
St David Unified (3 requests)
St Johns Unified (2 requests)
Tolleson Union**

Background – Mesa Unified (Red Mountain HS – replace sewage ejector station)

On January 7, 2015, the Board awarded Mesa Unified \$2,300 for professional services to provide an evaluation and construction bid documents to repair/replace sewer ejection system that services all buildings at Red Mountain High School (project number 070204275-9999-004BRG).

The design documents have been completed to replace the storage basin, control floats, one pump and minor control accessory replacements. The construction was estimated at \$160,000.

Previous Award	
Design 1/7/2015	2,300
<u>District contribution</u>	<u>\$18,000</u>
Total	\$20,300

Supplemental funding requested:	
Construction Administration	\$4,800
Estimated Construction Cost	\$142,000
<u>Contingency</u>	<u>\$16,000</u>
Total supplemental funding requested:	\$162,800

SFB contribution:	\$165,100
<u>District contribution:</u>	<u>\$18,000</u>
Total project cost:	\$183,100

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– Mesa Unified (Red Mountain HS – replace sewage ejector station)

Staff recommends 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.

Background – Mesa Unified (Webster ES – exterior reseal)

On February 4, 2015, the Board awarded Mesa Unified \$12,400 for professional services to provide an evaluation and construction bid documents to reseal/repaint the exterior of Building 1021 at Webster Elementary School (project number 070204115-1021-005BRG).

The design documents have been completed. The construction was estimated at \$80,272.

Initial Award 2/4/2015

Design	\$12,400
District contribution	\$5,000
Total	\$17,400

Supplemental funding requested:

Estimated Construction Cost	\$75,272
Contingency	\$8,000
Total supplemental funding requested:	\$83,272

Total project cost: \$100,672

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– Mesa Unified (Webster ES – exterior reseal)

Staff recommends 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.

Background – Mesa Unified (Webster ES – repair concrete flooring and re-route electrical)

On March 4, 2015, the Board awarded Mesa Unified \$14,060 for professional services to provide an evaluation and construction bid documents to re-route the electrical imbedded in the concrete floors and repair the flooring at Webster Elementary School (project number 070204115-9999-006BRG).

The design documents have been completed. The construction cost is estimated at \$207,000.

Initial Award 3/4/2015

Design	\$14,060
District contribution	\$5,000
Total	\$19,060

Supplemental funding requested:

Estimated Construction Cost \$202,000

<u>Contingency</u>	<u>\$20,000</u>
Total supplemental funding requested:	\$222,000
 Total project cost:	 \$241,060

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 – repair concrete flooring and re-route electrical)

Staff recommends 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.

Background – Mohave Valley Elementary (Mohave Valley ES – replace sewer line)

On August 6, 2014, the Board awarded Mohave Valley Elementary \$20,500 (includes \$4,000 contingency) in Building Renewal Grant funding for an assessment and design to replace the sewer line serving Buildings 1004, 1005 and 1018 Mohave Valley Elementary School (project number 080416101-9999-018BRG).

The design is complete and the district has received an estimated construction cost of \$93,640 and construction administration cost of \$5,000.

Initial award 8/6/2014	
Engineering design	\$16,500
<u>Contingency</u>	<u>\$4,000</u>
Total	\$20,500

Supplemental funding requested:	
Estimated construction cost	\$93,640
Construction administration	\$5,000
Asbestos testing estimate	\$5,000
<u>Contingency</u>	<u>\$5,000</u>
Total supplemental funding requested:	\$108,640

Total project cost:	\$129,140
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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 – Mohave Valley Elementary (Mohave Valley ES – replace sewer line)

Staff recommends 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.

Background – Mohawk Valley Elementary (Mohawk Valley ES - repair domestic water plant)

On December 5, 2013, February 5, 2014 and June 5, 2014, the Board awarded Mohawk Valley Elementary a total of \$285,126 in Building Renewal Grant funding to repair the domestic water treatment plant equipment and components at Mohawk Valley Elementary School (project number 140417101-9999-005BRG).

The project is now near completion and it has been determined that two clarifier pumps need to be rebuilt or replaced. The cost for the rebuilding of the two pumps is \$4,560 and the cost for replacement is \$6,896. Staff recommends replacement of the pumps.

Previous awards total:	\$285,126
Supplemental funding requested:	
Construction cost	\$6,896
Contingency	\$1,104
Total supplemental funding requested:	\$8,000
Total project cost:	\$293,126

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 – Mohawk Valley Elementary (Mohawk Valley ES - repair domestic water plant)

Staff recommends that Mohawk Valley Elementary be awarded an additional \$8,000 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 \$1,104 in contingency that may only be used with SFB staff approval and brings the total project cost to \$293,126.

Background – Page Unified (Page HS – roof replacement)

On June 25, 2014, the Board awarded Page Unified \$799,450 to replace the roof on Building 1004 at Page High School (project number 030208209-1004-003BRG).

The bid for this project has been completed. The low bid was \$772,978, which is higher than the estimate, and creates a shortfall of \$23,472

Initial Award 6/25/2014	
Design/Structural/Asbestos	\$41,985
Construction Estimate	\$749,506
Contingency	\$7,959
Total	\$799,450

Supplemental funding requested:	
Low Bid	\$772,978
Construction estimate	(\$749,506)
Total supplemental funding requested:	\$23,472

Total project cost:	\$822,922
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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 – Page Unified (Page HS – roof replacement)

Staff recommends 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.

Background – St. David Unified (St. David HS – replace doors)

On August 6, 2014, the Board awarded St. David Unified \$5,950 in Building Renewal Grant funding for the design of the replacement of the doors at St. David High School (project number 020221202-9999-005BRG).

The design and assessment has been completed and the architect has estimated the construction costs at \$11,811.

Initial award 8/6/2014	
Professional design	\$5,950

Supplemental funding requested:	
Estimated construction cost	\$11,811
Contingency	\$2,589
Total supplemental funding requested:	\$14,400

Total project cost:	\$20,350
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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 – St. David Unified (St. David HS – replace doors)

Staff recommends 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.

Background – St. David Unified (St. David ES – exterior reseal)

On September 3, 2014, the Board awarded St. David Unified \$4,600 in Building Renewal Grant funding for professional services to reseal/repaint the exterior walls at St. David Elementary School (project number 020221202-9999-008BRG).

The design and assessment has been completed and the architect has estimated the construction costs at \$20,079.

Initial award 9/3/2014

Professional design	\$4,600
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Supplemental funding requested:

Estimated construction cost	\$20,079
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Contingency	\$4,021
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Total supplemental funding requested:	\$24,100
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Total project cost:	\$28,700
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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 – St. David Unified (St. David ES – exterior reseal)

Staff recommends 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.

Background – St. David Unified (St. David HS – exterior reseal)

On September 3, 2014, the Board awarded St. David Unified \$9,200 in Building Renewal Grant funding for the design of the reseal/repaint of the exterior walls at St. David High School (project number 020221202-9999-009BRG).

The design and assessment has been completed and the architect has estimated the construction costs at \$39,568.

Initial award 9/3/2014

Professional design	\$9,200
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Supplemental funding requested:

Estimated construction cost	\$39,568
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Contingency	\$8,432
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Total supplemental funding requested:	\$48,000
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Total project cost:	\$57,200
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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 – St. David Unified (St. David HS – exterior reseal)

Staff recommends 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.

Background – St. Johns Unified (St. Johns HS – repair roof leaks around HVAC units)

On May 7, 2014 and June 11, 2014, the Board awarded St. Johns Unified \$676,203 for professional services (\$35,012) to provide an evaluation and construction bid documents to repair/replace the existing HVAC roof curbs and restore the roof (\$616,191, plus \$25,000 contingency) on the Gymnasium Building 1002 and Auditorium Building 1004 at St. Johns High School (project number 010201205-9999-001BRG).

The design documents were completed and staff agreed with the scope of work for the roof restoration. District staff provided an engineering review dated July 2005, that described the existing HVAC equipment installed in 2003 to be undersized and may not meet the loading (occupants) requirements and may not meet current SFB minimum adequacy standards.

The auditorium was originally constructed in 1982 with a chiller and boiler adequate for the auditorium even for today's codes and standards. At some point (staff believes in 2003) the existing chiller and boiler systems were disconnected. The chiller remains in the building but the boiler has been removed. It is believed that the package HVAC units were installed on the roof to replace the chiller system at that time.

The district has submitted a proposal to review the structural integrity of the auditorium roof to see if it is sufficient for the HVAC units installed in 2003. Additionally, the existing HVAC units will have to be supplemented to provide code required ventilation for the auditorium. The existing units are not able to meet the load. At question is whether the roof structure can support the additional weight of more HVAC units or if another solution for ventilation will have to be found.

While a structural evaluation is performed, SFB staff would like to investigate, with the use of a qualified mechanical contractor, the possibility of overhauling the original chiller/boiler system. This will give the SFB the most economical way to solve the ventilation issue in the auditorium.

Staff has also stopped the roofing portion of this project because of the HVAC issues. When the issues are resolved, the roofing scope of work may be affected as well.

Previous Awards

Design 5/7/2014 (roof evaluation for replacement)	\$2,876
Design 6/11/2014 (roof design and construction docs)	\$28,636
Asbestos Survey 5/7/2014	\$3,500
Construction cost 6/11/2014	\$616,191
<u>Contingency 6/11/2014</u>	<u>\$25,000</u>
Total	\$676,203

Supplemental funding requested:

Design	\$4,920
<u>Chiller/Boiler Evaluation (staff estimate)</u>	<u>\$15,000</u>

Total supplemental funding requested: \$19,920

Total project cost: \$696,123

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 – St. Johns Unified (St. Johns HS – repair roof leaks around HVAC units)
Staff recommends 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.

Background – St. Johns Unified (Coronado ES – repair grease trap and waste line)

On March 4, 2015, the Board awarded St. Johns Unified \$6,950 (includes \$2,000 contingency) for professional services to provide an evaluation and construction bid documents to repair/replace the grease trap and waste line that services Building 1001 at Coronado Elementary School (project number 010201102-1001-002BRG).

The design documents have been completed. The cured-in-place pipe (CIPP) will be installed throughout the building and the grease trap will be replaced in the kitchen. The construction was estimated at \$42,500.

The purpose of the CIPP is to provide the least destruction to the interior of the building and floor. If there is any section that cannot be replaced with CIPP, then demolition of the floor will occur, and asbestos oversight and abatement may needed.

Previous Award	
Design 3/4/2015	\$4,950
Contingency	\$2,000
Total:	\$6,950

Supplemental funding requested:	
Construction Administration	\$4,800
Estimated Construction Cost	\$42,500
Contingency	\$8,000
Total supplemental funding requested:	\$55,300

Total project cost: \$62,250

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– St. Johns Unified (Coronado ES – repair grease trap and waste line)

Staff recommends 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.

Background – Tolleson Union (Tolleson Union HS - repair sewer piping)

On January 7, 2015 and March 4, 2015, the Board awarded Tolleson Union \$60,350 in Building Renewal Grant funding for professional services and construction services (per the engineer's estimate) to repair/replace the sewer line at Tolleson Union High School (project number 070514201-1004-006BRG).

The project scope was to re-line the existing sewer pipe with CIPP (Cast in Place Pipe) which would relieve disruption to the building and occupants. The contractor was required to provide camera service and confirm the scope of work provided by the engineer. It was discovered that the robotic cutter used as part of the installation of the CIPP will not work because of the number of turns in the existing sewer line. The contractor will have to do some slab demolition, at an added cost, inside the building to allow for the repair. Thus, the project bid is over budget by \$24,929.

Initial awards 1/7/2015 and 3/4/2015

Design	\$5,350
Asbestos Survey/Oversight (estimate)	\$5,000
Asbestos Remediation (estimate)	\$10,000
Construction cost (estimate)	\$30,000
Contingency	\$10,000
<u>District contribution</u>	<u>\$5,000</u>
Total	\$65,350

Supplemental funding requested:

Bid cost	\$53,929
<u>Construction cost (estimate)</u>	<u>(\$30,000)</u>
Total supplemental funding requested:	\$23,929

Total project cost: \$89,279

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 – Tolleson Union (Tolleson Union HS - repair sewer piping)

Staff recommends 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.

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

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. 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.
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. Board approval of the staff recommendation that **Mohawk Valley Elementary** be awarded an additional \$8,000 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 \$1,104 in contingency that may only be used with SFB staff approval and brings the total project cost to \$293,126.
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. 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.

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: 070204275-9999-004BRG **Maricopa County**
Project Description: **Replace sewage ejector station**
Consultant: Arizona Pinnacle Engineering, LLC (623-594-9049)
Contractor: TBD

Board approval: 1/7/2015
Supplemental award: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 142,000
Contingency ①		\$ 16,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 2,300
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 4,800
Testing & Inspection		\$ -
Total Additional Cost:		\$ 7,100
Total SFB Funded Project Cost:		\$ 165,100
District or Local Funds:		\$ 18,000
SFB Board Approved Amount:		\$ 165,100
Total Project Cost:		\$ 183,100

① Contingency shall only be used with SFB staff approval.

Pat Cruse

From: Rod Hillis [rhillis@az-pe.com]
Sent: Monday, March 02, 2015 5:03 PM
To: Pat Cruse
Subject: RE: Red Mountain Sewage Ejector

Pat,

I came up with approximately \$160K for your portion.
I'm interested to see how much more the Base Bid 2 portion will be.

Rodney L. Hillis, P.E.
Managing Member
Sr. Mechanical Engineer
rhillis@az-pe.com



ARIZONA PINNACLE ENGINEERING, LLC

2222 W. Pinnacle Peak Rd., Suite 290 * Phoenix, AZ 85027

Phone: (623) 594-9049 * Fax: (623) 594-9072

From: Pat Cruse [<mailto:pcruse@azsfb.gov>]
Sent: Monday, March 02, 2015 1:33 PM
To: 'Rod Hillis'
Subject: RE: Red Mountain Sewage Ejector

Please provide me an estimated cost for my portion of the work . Thanks,

From: Rod Hillis [<mailto:rhillis@az-pe.com>]
Sent: Monday, March 02, 2015 1:13 PM
To: ftpoe@mpsaz.org; Dennis Gearhart; Pat Cruse
Cc: Eudjen Savu
Subject: Red Mountain Sewage Ejector

Attached are my final drawings (including the Structural drawing and calcs for the screen wall) for the Red Mountain Sewage Ejector Project.

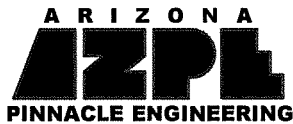
Rodney L. Hillis, P.E.
Managing Member
Sr. Mechanical Engineer
rhillis@az-pe.com



ARIZONA PINNACLE ENGINEERING, LLC

2222 W. Pinnacle Peak Rd., Suite 290 * Phoenix, AZ 85027

Phone: (623) 594-9049 * Fax: (623) 594-9072



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.

March 10, 2015

Mesa Public Schools
555 South Lewis
Mesa, Arizona 85210

Attn: Mr. Todd Poer

**Re: Construction Administration for the New Red Mountain High School Sewage
Ejector
Proposal for Mechanical and Electrical Engineering Services P15073**

Dear Mr. Poer:

Arizona Pinnacle Engineering, LLC (AZPE), is pleased to propose the following Agreement for mechanical (plumbing), electrical, and structural engineering Construction Administration services for the new Sewage Ejector at Red Mountain High School for the Mesa Unified School District, in Mesa, Arizona.

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 Mesa Public Schools, 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:

General

1. The mechanical and electrical engineering services to be provided under this Agreement will include a Pre-Bid Phase, a Shop Drawing Review Phase, a Construction Support and

Mesa Public Schools

Re: Proposal for Mechanical and Electrical Engineering Services P15073

March 10, 2015

Page 2

Observation Phase, a Substantial Completion Punch Phase, a Final Punch Phase, and a Records Drawing Phase.

2. AZPE will attend a Pre-Bid Meeting.
3. AZPE will coordinate with the Client or the Contractor on any clarification of the mechanical, electrical, and structural plans or specifications during construction.
4. AZPE will review shop drawings for the new mechanical, electrical, and structural equipment solely for conformance with the Engineer's design intent and instruments of service.
5. AZPE will provide in-house construction support by telephone or email for any clarification of the mechanical, electrical, and structural plans or specifications during construction. This includes responding to RFI's, and issuing sketches as needed.
6. AZPE will visit the project upon the request of the Client during construction of the mechanical, electrical, and structural 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.
7. AZPE and its structural consultant will visit the project at the appropriate interval to provide a Substation Competition Site Observation.
8. AZPE and its structural consultant will visit the project at the appropriate interval to provide a Final Punch Site Observation.
9. Upon completion of construction, AZPE will prepare a set of Mechanical, Electrical, and Structural Record Documents conforming to the marked-up prints, drawings, and other data furnished to the Engineer by the Contractor, along with information gathered by the engineer during construction observations. The Record Documents will show the reported location of the work and significant changes made during construction. AZPE will submit the Record Documents in electronic media.
10. 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.

EXCLUSIONS

The following items shall be excluded from AZPE's Scope of Basic Engineering Services:

1. 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.

Mesa Public Schools

Re: Proposal for Mechanical and Electrical Engineering Services P15073

March 10, 2015

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ENGINEERING FEES

<u>Task</u>	<u>Fees</u>
Pre-Bid Meeting	\$400.00
Shop Drawing Review	\$100.00
In-House Construction Support	\$400.00
Construction Support and Observations*	\$1,200.00
Substantial Completion Site Observations**	\$1,200.00
Final Punch***	\$1,200.00
M, E, & S Record Drawings	<u>\$300.00</u>
TOTAL	\$4,800.00

*Includes up to one (1) mechanical, one (1) electrical man-trip, and one (1) structural man-trip during construction.

** Includes up to one (1) mechanical, one (1) electrical man-trip, and one (1) structural man-trip as a substantial completion.

*** Includes up to one (1) mechanical, one (1) electrical man-trip, and one (1) structural man-trip as a final punch.

Any additional construction observations will be performed on a man-trip basis for a fee of **\$400.00** 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.

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.

Mesa Public Schools

Re: Proposal for Mechanical and Electrical Engineering Services P15073

March 10, 2015

Page 4

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.

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.

Mesa Public Schools

Re: Proposal for Mechanical and Electrical Engineering Services P15073

March 10, 2015

Page 5

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

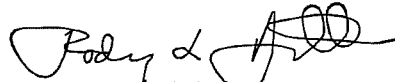
All claims or disputes arising out of, or related to, this Agreement shall be subject to arbitration. Claims or disputes between the parties that are not resolved by mediation shall be decided by arbitration which, unless the parties mutually agree otherwise, shall be in accordance with the Construction 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.

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

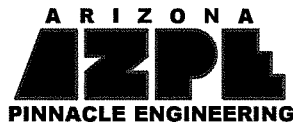


Rodney L. Hillis, P.E.
Managing Member

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.

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Mesa Unified**
BRG Project Number: 070204115-1021-005BRG Maricopa County
Project Description: **Exterior reseal**
Consultant: Brock, Craig and Thacker Architects, LTD. (480-969-3081)
Contractor: TBD

Board approval: 2/4/2015
Supplemental award: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 75,272
Contingency ①		\$ 8,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 7,400
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ 5,000
Total Additional Cost:		\$ 12,400
Total SFB Funded Project Cost:		\$ 95,672
District or Local Funds:		\$ 5,000
SFB Board Approved Amount:		\$ 95,672
Total Project Cost:		\$ 100,672

① Contingency shall only be used with SFB staff approval.

Pat Cruse

From: Todd Poer [ftpoyer@mpsaz.org]
Sent: Monday, March 16, 2015 8:19 AM
To: Pat Cruse
Cc: Bobette Sylvester; Richard Michalek; Boyd Thacker
Subject: Fwd: Request for cost of resealing the exterior of the Webster Gymnasium
Attachments: image001.jpg

Pat,

The budget for the Webster Gym Wall Waterproofing is \$80,272.00. that is based on \$4.00 per square foot of wall area. Please let me know if you need anything else.

Todd Poer
Director of Maintenance & Grounds
Mesa Public Schools
(480) 472-6018



----- Forwarded message -----

From: **Boyd Thacker** <bthacker@bctarchitects.net>
Date: Mon, Mar 16, 2015 at 8:16 AM
Subject: RE: Request for cost of resealing the exterior of the Webster Gymnasium
To: Todd Poer <ftpoyer@mpsaz.org>

Todd,

The budget for the Webster Gym Wall Waterproofing is \$80,272.00. that is based on \$4.00 per square foot of wall area.

Thanks,

Boyd H Thacker, AIA

bthacker@bctarchitects.net



Brock Craig and Thacker Architects, Ltd.

145 E. University Drive, Ste 3. Mesa AZ 85201

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT****Detail of Additional Cost and Contingency**
X Building Renewal Grant Fund

District: **Mesa Unified**
BRG Project Number: 070204115-9999-006BRG **Maricopa County**
Project Description: **Repair concrete flooring and re-route electrical**
Consultant: Brock, Craig and Thacker Architects, LTD. (480-969-3081)
Contractor: TBD

Board approval: 3/4/2015
Supplemental award: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 202,000
Contingency ①		\$ 20,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 14,060
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 14,060
Total SFB Funded Project Cost:		\$ 236,060
District or Local Funds:		\$ 5,000
SFB Board Approved Amount:		\$ 236,060
Total Project Cost:		\$ 241,060

① Contingency shall only be used with SFB staff approval.

February 26, 2015

Mr. Todd Poer
Director of Quality Control
Mesa Public Schools
555 S. Lewis
Mesa, AZ 85210

Re: Itemized Architectural Proposal for Electrical Repairs at 24 Classrooms & Cafeteria at Webster Elementary

Dear Todd,

Our itemized proposal for Architectural Services for the Electrical Repairs at Webster Elementary is itemized below. As a result of electrical conduit being installed within the concrete floor slab, rust deterioration of the conduit has occurred and concrete has started to heave and spall. Our design services requested for the repairs at 24 classrooms and the cafeteria will require site investigation & measuring, construction drawings & specifications, bidding assistance and construction administration.

The actual construction work would include removing existing floor finishes, saw cutting & removal of floor slabs, removing deteriorated conduit, installing new conduit and wiring, backfilling, termite treatment, placing new concrete and installing floor finishes. Where conduit runs below existing walls, the contractor will need to bore under the walls to install new conduit. We would expect these repairs to cost about \$8,000 per classroom and about \$15,000 for the cafeteria, totaling \pm \$207,000.

Proposed Fees

BCT:

Site Investigation & Measuring:	\$ 600.00
Construction Drawings (inc. backgrounds for AZPE):	\$ 3,000.00
Book Specifications:	\$ 2,000.00
Coordination w/ AZPE:	\$ 500.00
Construction Administration:	<u>\$ 2,160.00</u>
Subtotal:	\$ 8,260.00

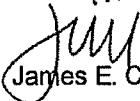
AZPE (Attached (BCT to provide drawing backgrounds)):

Site Investigation:	\$ 600.00
Construction Drawings & Specifications:	\$ 3,600.00
Construction Observation Visits (4):	<u>\$ 1,600.00</u>
Subtotal:	\$ 5,800.00

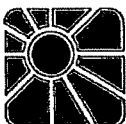
Total Proposed fee: \$14,060.00

No Structural, Mechanical or Plumbing Engineering is included. Any printing costs, permits or testing would be billed as reimbursable expenses.

Sincerely,


James E. Craig, Jr, AIA

Enc.



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:

Mohave Valley Elementary

BRG Project Number:

080416101-9999-018BRG

Mohave County

Project Description:

Replace sewer line

Engineer:

Ludwig Engineering (Mehdi Azarmi 928-768-1857)

Contractor:

TBD

Board approval:

8/6/2014

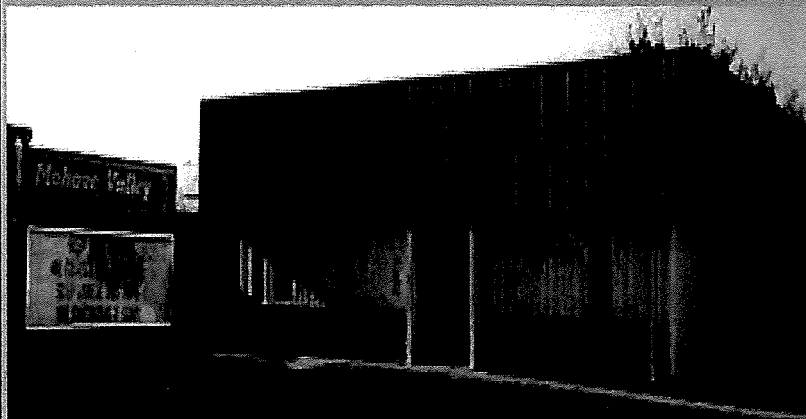
Supplemental award:

4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 93,640
Contingency ①		\$ 9,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 16,500
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 5,000
Testing & Inspection		\$ 5,000
Total Additional Cost:		\$ 26,500
Total SFB Funded Project Cost:		\$ 129,140
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 129,140
Total Project Cost:		\$ 129,140

① Contingency shall only be used with SFB staff approval.

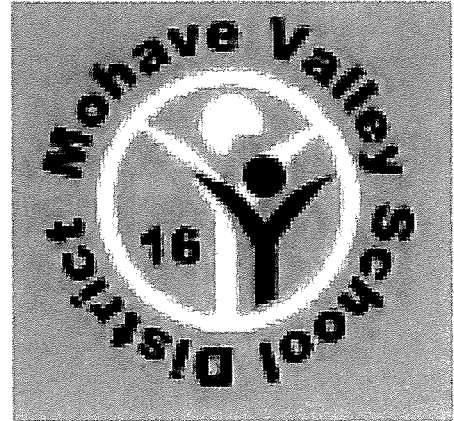
MOHAVE VALLEY ELEMENTARY SEWER REPAIR PROJECT



**1419 WILLOW DR.
MOHAVE VALLEY,
ARIZONA**

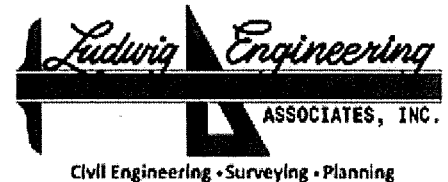
MARCH 19, 2015

Prepared for:



Mohave Valley Elementary
School District #16
8450 S Olive Ave,
Mohave Valley, AZ 86440

Prepared by:



Arizona
5890 Highway 95, Ste. B, Fort Mohave, AZ 86426
Phone 928-768-1857 Fax 928-768-7086

2126 McCulloch Blvd., Ste. 8
Lake Havasu City, AZ 86403
Phone 928-680-6060 Fax 928-854-6530

California
Corporate
109 E. 3rd St., San Bernardino, CA 92410
Phone 909-884-8217 Fax 909-889-0153

15252 Seneca Rd., Victorville, CA 92392
Phone 760-951-7676 Fax 760-241-0573

Table of Contents

History	Page 1-2
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Points Map	Page 4
Enhanced Map	Page 5
North Restroom Plan	Page 6
South Restroom Plan	Page 7
Picture Exhibits	Page 8-10

History:

Mohave Valley Elementary School (MVES) is located at 1419 Willow Drive, in Mohave Valley, Arizona. MVES initially was built in 1964. Several large septic tanks and leach fields were used as waste water systems for this school.

Fort Mohave Tribal Utility Authority (FMTUA) provided waste water systems on the northwest corner of the school on South Olive Avenue.

In 1975, MVES had done some restoration and tied in their waste water to the existing manhole located on South Olive Avenue.

The waste water line is extended from the south restroom in a north direction along and parallel to the existing building, per the diagram provided. North restrooms shown on the diagram is tied to the above said sewer line.

This waste water line is a 6" PVC graded for sewer.

Three clean outs (C.O.) were exposed:

- 1) Clean out 1: Outside of south restroom shown on diagram
- 2) Clean out 2: Located 337' north of Clean out #1. The north restroom is connected to the north portion of this segment.
- 3) Clean out 3: Located on northeast of clean out #2 at 45 degree angle as shown in the diagram. Clean out #3 is extended and connected to FMTUA manhole located on South Olive Avenue.

Sewer-line Evaluation:

The camera was used to evaluate up to 100' in each direction on the above said clean outs of restrooms in south and north.

Recommendations:

#1. It is highly recommended to construct 3 additional clean outs in between C.O. #1 and #2. Also add one more clean out between C.O. #3 and the FMTUA manhole.

#2. Also, to further evaluate from these clean outs, with the help of a camera to diagnose if any deflection, obstruction and or breakage exists in those segments.

In the segments evaluated with the camera, 6" PVC sewer line showed no deflection, obstruction, nor breakage, except for the sewer line extended from the south restroom to C.O.

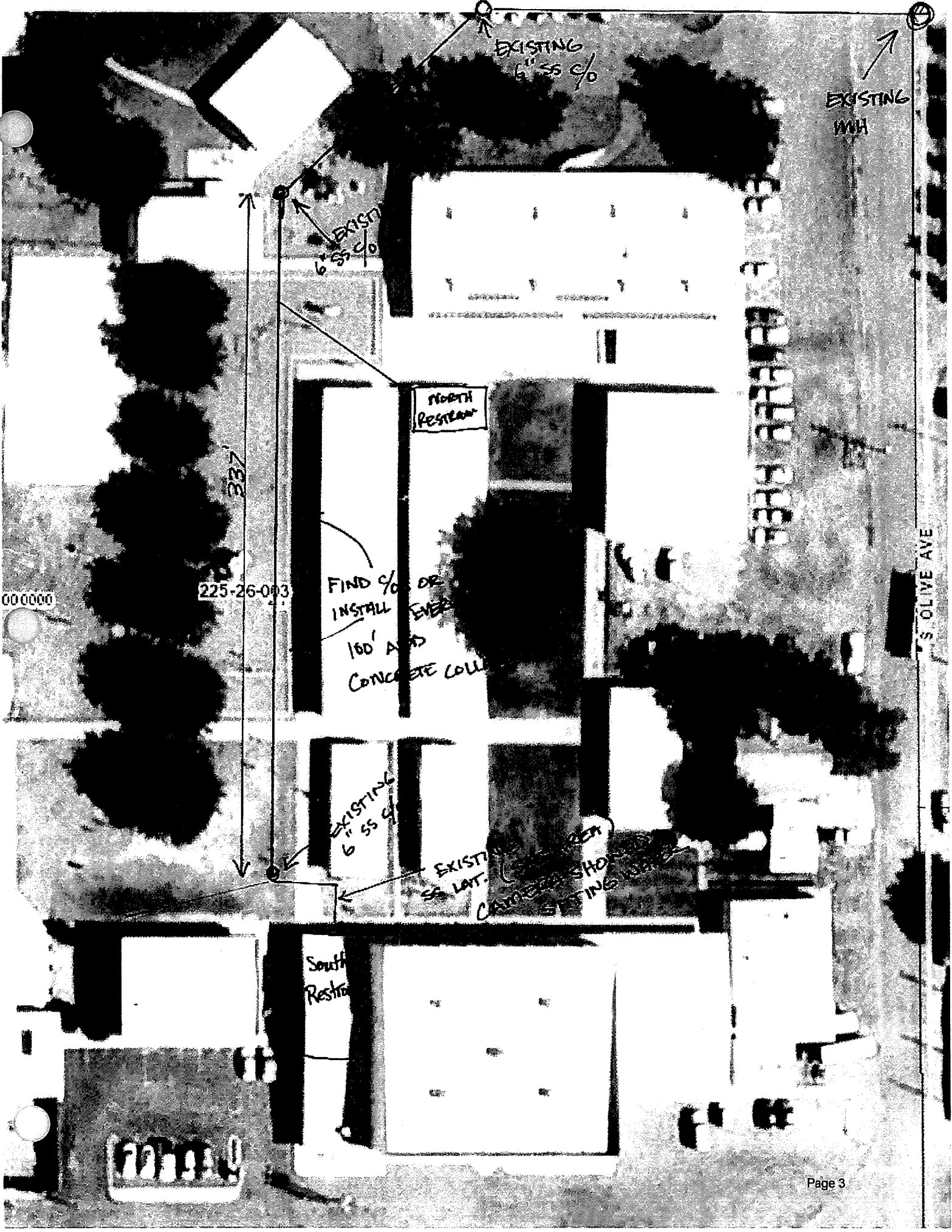
#3. There was evidence of deflection in this segment. It is recommended to bypass and install new sewer line to and from south restroom to C.O. #1 in this segment.

#4. South Restrooms & North Restrooms can not function due to extensive repair needed. New toilets/ partition walls / vanities with mixed hot & cold water valves & drains need to be connected to the sewer line.

#5. Please review the attached drawings of the South & North restrooms, in this report.

Additionally, attached to this report, please find photos of the existing restrooms showing the need for above stated repairs.

The cost estimate for the Mohave Valley Elementary School is projected at \$98,640.00. For Design, Construction Supervision, and Construction Repair, as stated in this report.



SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**

Detail of Additional Cost and Contingency

 X Building Renewal Grant Fund**District:****Mohawk Valley Elementary****BRG Project Number:****140417101-9999-005BRG**

Yuma County

Project Description:**Repair domestic water plant****Architect of Record:**

Nicklaus Engineering, Inc. (Marisol A. Canales, P.E. 928-344-8374)

Contractor:

DXP (602-323-2370)

Board Approval Date:

12/5/2013

Supplemental award:

2/5/2014

Supplemental award:

6/25/2014

Supplemental award:

4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 245,143
Contingency ①		\$ 42,208
Architecture / Engineering (A&E) Fees		\$ 3,535
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 10,240
Testing & Inspection		\$ -
Total Additional Cost:		\$ 13,775
Total SFB Funded Project Cost:		\$ 301,126
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 301,126
Total Project Cost:		\$ 301,126

① Contingency shall only be used with SFB staff approval.

Priority Well Service Inc.

P.O. Box 2823
Yuma, AZ 85366

Estimate

Date	Estimate #
3/17/2015	1723

Name / Address
Nicklaus Engineering

Project

Description	Qty	Rate	Total
LABOR TO REMOVE PUMP AND DISASSEMBLE	8	105.00	840.00T
LABOR TO ASSEMBLE AND INSTALL	8	105.00	840.00T
ESTIMATED PARTS	1	600.00	600.00T
MOWHAWK VALLEY SCHOOL			
		Subtotal	\$2,280.00
		Sales Tax (0.0%)	\$0.00
		Total	\$2,280.00

EXCLUDES FREIGHT AND ANY APPLICABLE TAXES



**ROTATING
EQUIPMENT
DIVISION**

TERMS AND CONDITIONS

Notes and Exceptions:

1. Prices contained herein for items are firm for 30 days from date of quote (unless otherwise noted).
2. Freight FOB DXP or manufacturer's factory (unless otherwise noted).
3. Items quoted are subject to prior sale.
4. Field start-up, installation or supervision not included (unless otherwise noted).
5. Only the equipment as described within this quote will be provided in conjunction with the rate quoted herein.
6. Above equipment standard construction and paint (unless otherwise noted).
7. Other terms and conditions may apply to certain jobs and Progress Payments may be required at time of purchase order.
8. Purchase order for above equipment is subject to acceptance by an officer of DXP Enterprises.

All sales to terms and conditions at <http://www.dxpe.com/terms.html>

These Terms and Conditions govern all transactions between DXP Enterprises Inc., and the customer requesting credit terms. Exceptions to these terms are only granted in the event that a contractual agreement is signed by both parties which clearly stipulates that such agreement supersedes the terms set forth, or in the case that the original invoice states terms which differ than those terms listed below.

DXP Enterprises, Inc. prefers written purchase orders for all orders. If this cannot be provided, please sign and date the attached quote and return. By signing this quote request customer agrees to the above-mentioned Terms and Conditions.

Company Name

Authorized Buyer (Signature)

Authorized Buyer (Printed Name)

Date

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Page Unified**
BRG Project Number: 030208209-1004-003BRG
Project Description: Roof replacement
Architect of Record: HDA Architects, LLC (Paul Holland 480-539-8800)
Contractor: Sprayfoam Southwest, Inc.

Coconino County

Board Approval Date: 6/25/2014
Supplemental award: 4/1/2015

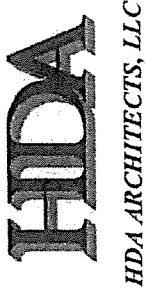
School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost (cost estimate provided by architect or contractor)		\$ 772,978
Contingency ①		\$ 7,959
Architecture / Engineering (A&E) Fees		\$ 26,985
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 15,000
Testing & Inspection		\$ -
Total Additional Cost:		\$ 41,985
Total SFB Funded Project Cost:		\$ 822,922
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 822,922
Total Project Cost:		\$ 822,922

① Contingency shall only be used with SFB staff approval.

TABULATION OF Re-BIDS

Page 1 of 1

PROJECT: Reroof of Page High School
Page Unified School District No. 8
Architect's Project No. 1430
SFB Project No. 030208209-1004-003-BRG



BID DATE: Thursday, March 12, 2015 11:00 AM

BIDDER	BID SECURITY	ADDENDA		NON- COLLUSION	BASE BID
		No1	No2		
Sprayfoam Southwest Inc.	X	X	X	X	\$772,978.00
Progressive Roofing	X	X	X	X	\$778,745.00
Centimark	X	X	X	X	\$998,975.00

I hereby certify this is a true and correct copy of all bids received & opened
by Page Unified School District No. 8
for the referenced project on Thursday, March 12, 2015 at 11:00 A.M.

Paul Holland, Principal
HDA ARCHITECTS, LLC

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
X Building Renewal Grant Fund**District:** **St David Unified****BRG Project Number:** **020221202-9999-005BRG**

Cochise County

Project Description: **Replace doors****Architect of Record:** Robert Polcar Architects, Inc. (Bob Polcar 480-675-9760)**Contractor:** TBD**Board Approval:** 8/6/2014**Supplemental award:** 4/1/2015

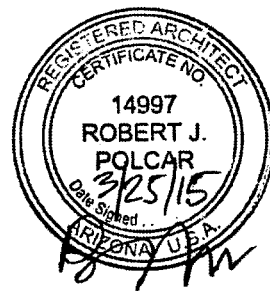
School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost: (cost estimate provided by architect or contractor)		\$ 11,811
Contingency ①		\$ 2,589
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 5,950
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 5,950
Total SFB Funded Project Cost:		\$ 20,350
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 20,350
Total Project Cost:		\$ 20,350

① Contingency shall only be used with SFB staff approval.

Construction Estimate

Date: 25-Mar-15
Client: State of Arizona School Facilities Board
Project: St David Administration Building Door Replacement
Building SF 3,450

Item	Quantity	Unit Cost	Cost
Door Replacement	8 ea	\$950.00	\$7,600
Metal Awning over door	8 ea	\$300	\$2,400
Subtotal			\$10,000
Bond & Insurance		2.00%	\$200
Sales Tax		5.27%	\$538
G.C.		10.00%	\$1,074
Total			\$11,811



ROBERT POLCAR ARCHITECTS, INC ARCHITECTURE PLANNING INTERIORS
4226 N. 84th Place Scottsdale, AZ. 85251 P (480) 675-9760 C (602) 363-4096

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **St David Unified**
BRG Project Number: **020221101-9999-008BRG**
Project Description: **Exterior reseal**
Architect of Record: **Robert Polcar Architects, Inc. (480-675-9760)**
Contractor: **TBD**

Cochise County

Board Approval: 9/3/2014
Supplemental award: 4/1/2015

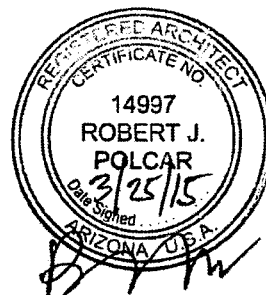
School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 20,079
Contingency ①		\$ 4,021
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 4,600
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 4,600
Total SFB Funded Project Cost:		\$ 28,700
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 28,700
Total Project Cost:		\$ 28,700

① Contingency shall only be used with SFB staff approval.

Construction Estimate

Date: March 25, 2015
Client: State of Arizona School Facilities Board
Project: St David Elementary School Reseal Stucco
Building SF approx wall surface 17,000 square feet

Item	Quantity	Unit Cost	Cost
Prep and Paint	17,000 sf	\$1.00	\$17,000
Subtotal			\$17,000
Bond & Insurance		2.00%	\$340
Sales Tax		5.27%	\$914
G.C.		10.00%	\$1,825
Total			\$20,079



ROBERT POLCAR ARCHITECTS, INC ARCHITECTURE PLANNING INTERIORS
4226 N. 84th Place Scottsdale, AZ. 85251 P (480) 675-9760 C (602) 363-4096

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**

Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District: **St David Unified**
BRG Project Number: **020221202-9999-009BRG**
Project Description: **Exterior reseal**
Architect of Record: **Robert Polcar Architects, Inc. (480-675-9760)**
Contractor: **TBD**

Cochise County

Board Approval: 9/3/2014
Supplemental award: 4/1/2015

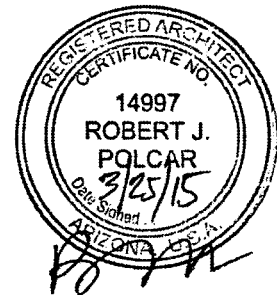
School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 39,568
Contingency ①		\$ 8,432
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 9,200
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 9,200
Total SFB Funded Project Cost:		\$ 57,200
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 57,200
Total Project Cost:		\$ 57,200

① Contingency shall only be used with SFB staff approval.

Construction Estimate

Date: March 25, 2015
Client: State of Arizona School Facilities Board
Project: St David High School Reseal Stucco
Building SF approx wall surface 33,500 square feet

Item	Quantity	Unit Cost	Cost
Prep and Paint	33,500 sf	\$1.00	\$33,500
Subtotal			\$33,500
Bond & Insurance		2.00%	\$670
Sales Tax		5.27%	\$1,801
G.C.		10.00%	\$3,597
Total			\$39,568



ROBERT POLCAR ARCHITECTS, INC ARCHITECTURE PLANNING INTERIORS
4226 N. 84th Place Scottsdale, AZ. 85251 P (480) 675-9760 C (602) 363-4096

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**

Detail of Additional Cost and Contingency

 X Building Renewal Grant Fund

District: **St Johns Unified**
BRG Project Number: 010201205-9999-001BRG Apache County
Project Description: **Repair roof leaks around HVAC units**
Consultant: Red Tree Consulting Group (Michael Crow 602-989-2433)
Architect: HDA Architects (Paul Holland 480-539-8800)

Board Approval: 5/7/2014
Supplemental award: 6/11/2014
Supplemental award: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 616,191
Contingency ①		\$ 25,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 35,012
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 4,920
Testing & Inspection		\$ 15,000
Total Additional Cost:		\$ 54,932
Total SFB Funded Project Cost:		\$ 696,123
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 696,123
Total Project Cost:		\$ 696,123

① Contingency shall only be used with SFB staff approval.

E.

**St. Johns
Unified
School
District #1**

P O Box 3030
St. Johns, AZ 85936

Phone: 928-337-2255
FAX: 928-337-2263

*Mr. Larry Heap
Superintendent*

*Mrs. Pat Ulibarri
Business/Finance*

To: Otis Connolly

From: Larry Heap

Date: 7-29-05

Re: Cooling in Auditorium

At our Work Study Session today, I was asked to have you get someone to determine what needs to be done to take care of the auditorium cooling problem.

Please get options and information in board backup form, for the September 2005 meeting.

Thanks



Enriching lives through education

St. Johns Unified School District #1

Maintenance/Transportation Department

Larry Heap
Superintendent

Otis Connolly
Director



P.O. Box 3030

St. Johns, AZ 85936

Phone: 928-337-2508 Fax: 928-337-3908

To: Larry Heap
From: Otis Connolly *oc*
Date: August 30, 2005
Re: Auditorium cooling

Mr. Heap,

Following the request to evaluate the cooling at the Auditorium, I contacted Al Nichols Engineering in Tucson. Mr. Nichols has been used as a consulting engineer in various projects across the state.

I mailed the drawings, airflow balances and specs for the auditorium prior to SFB replacement. This included ratings for required and obtained results for airflow. I then included the new airflow results supplied at the check out of the project.

Mr. Nichol requested additional drawings of the building and he was supplied new drawings, and the closeout package from SFB. His findings are reported in the attached documents.

As previously thought, the air system is very inadequate and displays major design problems.

It is recommended that this be pursued through SFB and complaints be filed against the Architect and the Mechanical Engineer of the project.



Al Nichols Engineering, Inc.

August 29, 2005

St. Johns Unified School District #1
Otis Connolly, Maintenance Director
P.O. Box 3030
St. Johns, Arizona 85936

Reference: Preliminary Review of ASFB Drawings for Building "C"
at the High School.

Dear Otis:

I have reviewed the drawings we received from you on August 27, 2005. It is clear that serious errors have occurred in the design of the mechanical systems in building "C" by the HCM (Harold C. Millett Architect Planner PC with R. J. Robinson Engineering, P.C.) design team. Below are my preliminary comments:

1. Auditorium seating and Orchestra pit area -

Originally the seating area was served with two air handler units with hot water heating and two nominal 18 ton condensing units for a total of 72 tons of cooling and approximately 1.7 million BTUH of heating. The space was also exhausted with two 12,000 cfm fans for a total of 24,000 cfm.

The rebuild drawings indicate that two Carrier 48HJF014 units were installed for a total of 24 tons of cooling, far short of the original design. The test and balance report list the air quantities at a total of 8,925 cfm. The original exhaust fans are still in place and exhaust 12,000 cfm each, yet, test and balance results are not reported. No explanation is given for the exhaust fans being removed or eliminated from the balance report during construction but points to a discovery that should have been explained at the time.

Outside ventilation air for the seating area in the rebuild totals 2,500 cfm. The 2000 IMC requires 15 cfm per person or enough for 166 students including the Orchestra Pit. The area method by code calculated occupancy at 150 students per 1,000 square feet or 2,340 students. Your stated seating capacity of 1,140 and 35 in the Orchestra Pit would require a minimum outside air of 17,625 cfm. The outside air requirements exceed

the installed supply air by 100%!

I have not been able to calculate the heating/cooling requirements due to the lack of the building insulation drawings but, clearly the Auditorium space design falls well below the standard of care for the design team. The standard of care for this project has not been met by the design.

2. Stage area -

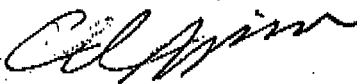
The rebuild drawings indicate that one Carrier 48HJF007 unit was installed. The air quantities indicate that they were to be a nominal 7 1/2 tons, the model number however is that of a 6 ton unit with a total of 2,465 cfm and 750 cfm of outside air. The size of the unit is confirmed by the unit electrical requirements. The test and balance report does not list the model number but indicates that the air quantities were not met. The original exhaust fans are still in place and exhaust 7,830 each for a total of 15,660 cfm. While the exhaust fans are still listed on the drawings the test and balance report does not indicate any values.

Your stated stage occupancy of 100 students requires 1,500 cfm of outside air, or twice that provided by the installed unit. This space is clearly below the standard of care for the design team. Again, this standard of care was not met by the design team.

Indications from the information we have today indicate that the Carrier model unit number discrepancy may be common to all of the buildings in the remodel effort (i.e. 6 ton units where 7 1/2 ton units were designed). It is unusual that the exhaust fans on the drawings were not balanced and may have been eliminated. No explanation is given. The test and balance report does not list the outside air into each unit. This is also unusual.

Additional scrutiny of the drawing package is warranted. The actual operational difficulties experienced by you and your staff are explained by the preliminary study we have performed. If we can be of further assistance please call.

Sincerely yours,



Al Nichols, PE, CEM



March 5, 2015

Nelson Davis, Maintenance/Transportation Director
St. Johns Unified School District #1
PO Box 3030
450 South 13th West
St. Johns, AZ 85936

Subject: St. Johns High School Auditorium Roof Investigation
360 Redskin Drive, St. Johns, AZ 85936
Proposal for Structural Engineering Services
KPFF Proposal No.: P15028

Dear Mr. Davis:

We are pleased to submit this proposal for structural engineering services for the above referenced project.

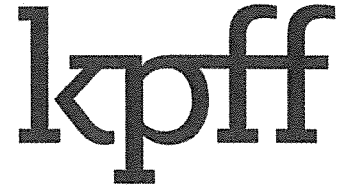
PARTIES TO AGREEMENT

This agreement is between the client, **ST JOHNS UNIFIED SCHOOL DISTRICT #1**, (hereinafter referred to as "CLIENT"), and **KPFF CONSULTING ENGINEERS** (hereinafter referred to as "KPFF") for professional structural engineering services on the above referenced project.

PROJECT DESCRIPTION-BASIC SERVICES

We have based this understanding on information presented by Pat Cruse, Arizona State Facilities Board, in a meeting on March 4, 2015. This project consists of investigating the roof framing of the auditorium (building C) primarily due to additional mechanical loadings. It is our understanding that: the auditorium building was designed and built in the 1981-1982 timeframe from original design drawings dated 3/21/1981 with 2/02/1982 revisions; the roof structure over the auditorium consists of metal decking on long-span, open-web steel joists; in the early 2000's timeframe the existing boiler and chilled-water mechanical system was abandoned and replaced with new split-system rooftop package units without the benefit of analysis of the new loadings onto the existing roof structure. Also in the early 2000's, the existing roofing was further overlain with a cementitious roof coating, and the roof system has been leaking in the vicinity of the replacement rooftop units for a long time, perhaps as long as a decade or longer. A proposed project to replace the leaking rooftop curbs and roofing system has been stopped due to the recent discovery of the potentially overloaded roof structure as well as the fact that the existing mechanical system is underdesigned and not performing adequately.

We propose to conduct a site investigation visit to: observe the condition of the underside of the metal decking and supporting steel joists for evidence of corrosion/rusting; measure the steel joists to confirm the chord and web sizes and configuration conforms to the contract documents; observe the presence and magnitude of existing mechanical, piping, and ceiling loadings; and obtain a core sample of the roofing materials and thicknesses to determine rooftop weights and compositions. In a phone conversation with you today, you indicated that you will have personnel and equipment available to assist us in our access and observations, and that you will be required to patch the roof sample that we will take. We will then utilize this collected



information, quantify the loadings, and analyze the existing steel joists for the actual loadings on the roof system to determine if the structure is adequate to support these loadings and what additional capacity is present, if any. We will present our findings in a complete report for your use in developing the options for moving forward with whatever mechanical and roofing systems you choose. Please note that KPFF is not a contractor or cost estimator and that cost estimating is beyond the scope of this investigation. We estimate that our services will be completed within two weeks from signature of our agreement and official Notice-To-Proceed (NTP).

COMPENSATION

We propose to bill our services on a lump sum basis for the scope of work noted above. KPFF's total billings for **BASIC SERVICES**, shall be a lump sum fee of \$4,920.00, including reimbursable expenses, per the attached fee development backup.

REIMBURSABLE EXPENSES

Reimbursable expenses are included in the fees for the BASIC services indicated above.

AUTHORIZATION TO PROCEED

The undersigned hereby authorizes the services described herein and explicitly acknowledges the terms and conditions of this consulting agreement.

Upon review and acceptance of this proposal, please sign and return one copy to KPFF Consulting Engineers.

Submitted By: **KPFF Consulting Engineers**

Agreed to by: **CLIENT**

A handwritten signature in black ink, reading 'Timothy S. Sepper'.

Signed: _____

Signed: _____

By: Timothy S. Sepper, PE
Principal

By: _____
Type or Print Name/Title

Dated: March 5, 2015

Dated: _____

Attachments: Exhibit A: Terms and Conditions
Exhibit B: 2015 Hourly Rate Schedule for Additional Services

cc: Brian B. Raji, PE, SE, Managing Principal, KPFF Consulting Engineers
Karen Ratliff, Marketing, KPFF Consulting Engineers
Janice Kenney, Accounting, KPFF Consulting Engineers
Pat Cruse, Arizona School Facilities Board



EXHIBIT A

TERMS AND CONDITIONS

KPFF shall perform the services outlined in this agreement pursuant to the stated fee arrangement.

1. **Additional Services** Should the Scope of Services change from those set forth in the Agreement for Professional Services, the fee for such additional services will be negotiated between CLIENT and KPFF.
2. **Limitation of Liability** To the greatest extent allowed by law, the aggregate liability of KPFF for any and all injuries, claims, demands, losses, expenses or damages, of whatever kind, arising out of or in any way related to this Agreement or the services provided by KPFF on this project, shall be limited to \$50,000 or the total fee received by KPFF pursuant to this Agreement, whichever is greater. Further, no officer, director, shareholder or employee of KPFF shall bear any personal liability to CLIENT for any and all injuries, claims, demands, losses, expenses or damages, of whatever kind or character, arising out of or in any way related to this Agreement or the services provided by KPFF on this project.
3. **Mediation** All disputes between CLIENT and KPFF arising out of or relating to this Agreement shall be submitted to nonbinding mediation prior to commencement of any other judicial proceeding.
4. **Dispute Handling** KPFF shall make no claim against CLIENT without first providing CLIENT with a written notice of damages and providing CLIENT thirty (30) days to cure before an action is commenced. CLIENT shall make no claim either directly or in a third party claim, against KPFF unless CLIENT has first provided KPFF with a written certification executed by an independent professional currently practicing in the same discipline as KPFF and licensed in the state of the subject project. This certification shall a) contain the name and license number of the certifier; b) specify each and every act or omission that the certifier contends is a violation of the standard of care expected of a professional performing professional services under similar circumstances; and c) state in complete detail the basis for the certifier's opinion that each such act or omission constitutes such a violation. This certificate shall be provided to KPFF not less than thirty (30) calendar days prior to the presentation of any claim or the institution of any judicial proceeding.
5. **Suspension of Services** If CLIENT fails to make payments to KPFF in accordance with this Agreement, such failure shall provide KPFF the option to suspend performance of services under this Agreement upon seven (7) days written notice to CLIENT. In the event of a suspension of services, KPFF shall have no liability for any delays or damages caused because of such suspension. Before resuming services, KPFF shall be paid all sums due prior to suspension and any expenses incurred by KPFF in the interruption and resumption of its services. KPFF's fees for the remaining services and time schedules shall be equitably adjusted. If any invoice is in dispute, CLIENT shall pay under written protest to keep the project on schedule and resolve the payment dispute after substantial completion.
6. **Termination** This Agreement may be terminated by either party with seven (7) days written notice to the other in the event of a substantial failure of performance by the other party through no fault of the terminating party. If this Agreement is terminated, KPFF shall be paid for services performed to the termination notice date, including reimbursable expenses due.
7. **Ownership of Documents** The drawings, calculations and specifications are instruments of service and are, and shall remain, the property of KPFF, whether the project for which they are made is executed or not. They are not to be used on other projects or extensions to this project except by agreement in writing.
8. **Contract Administration** It is understood that KPFF will not provide design and construction review services relating to safety measures of any contractor or subcontractor on the project. Further, it is understood that KPFF will not provide any supervisory services relating to the construction for the project. Any opinions solicited from KPFF relating to any such review or supervisory services shall be considered only as general information and shall not be the basis for any claim against KPFF.
9. **No Third Party Beneficiary** Nothing in this Agreement shall create a contractual relationship with or a cause of action in favor of any third party against KPFF or CLIENT.
10. **No Assignments** Neither party to this Agreement shall transfer, sublet or assign any rights under or interest in this Agreement (including but not limited to monies that are due or monies that may be due) without the prior written consent of the other party.
11. **Payments** KPFF will submit monthly invoices. Payment is due on the date of the invoice and becomes delinquent one month thereafter. A late charge will be added to delinquent amounts at the rate of one-and-one-half percent (1 ½ %) for each one month of delinquency (or the maximum allowable by law, whichever is lower). If KPFF initiates suit to recover delinquent sums owed by CLIENT, KPFF shall be entitled to recover all reasonable costs incurred, including staff time, court costs, attorney's fees, expert fees and other related costs and expenses.

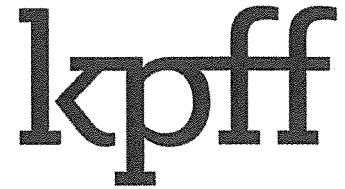


EXHIBIT B

2015 HOURLY RATE SCHEDULE

STRUCTURAL AND CIVIL ENGINEERING SERVICES

Principal	\$175.00
Project Manager	\$135.00
Sr. Project Engineer	\$125.00
Project Engineer/Sr. Inspector	\$110.00
Engineer/Inspector	\$100.00
Designer, Engineer-In-Training, Jr. Inspector	\$85.00
CADD Technician/Drafter	\$75.00
Clerical	\$60.00

Note: Hourly rates for employees are subject to annual adjustments. Services will be billed at the employee's hourly rate in place at the time the service is provided.

State of Arizona Mileage Rate Allowance as of 11/15/2006: \$0.445/mile

Markup on expenses (mileage, travel, subsistence, reprographics, courier, express mail): 0%

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT****Detail of Additional Cost and Contingency**
X Building Renewal Grant Fund

District: **St Johns Unified**
BRG Project Number: 010201102-1001-002BRG **Apache County**
Project Description: **Repair grease trap and waste line**
Consultant: Red Tree Consulting Group (Michael Crow 602-989-2433)
Contractor: TBD
Executive Authority: 2/19/2015
Board Approval: 3/4/2015
Supplemental award: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 42,500
Contingency ①		\$ 10,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 4,950
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 4,800
Testing & Inspection		\$ -
Total Additional Cost:		\$ 9,750
Total SFB Funded Project Cost:		\$ 62,250
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 62,250
Total Project Cost:		\$ 62,250

① Contingency shall only be used with SFB staff approval.



March 13, 2015

Mr. Nelson Davis
Transportation/Maintenance
St. Johns Unified School District
PO Box 3030
360 S. 15th W.
St. Johns, AZ 85936

RE: **Coronado Elementary School**

Mr. Davis,

Below are the proposed construction administration fees for the Kitchen waste line project.

DESCRIPTION	ESTIMATED FEE
<p>RTCG to perform construction administration services for the CIPP repair project inside the Kitchen at Coronado Elementary School. Architectural/Engineering services include but are not limited to:</p> <ul style="list-style-type: none">• Responding to Contractor's Requests for Information• Issuing of any Architect's Supplemental Instructions• Processing any shop drawings and submittals• Processing any change orders• Reviewing and certifying contractor's application for payment• Reviewing any material test reports• Recording any changes to the contract documents• Providing substantial and final completion services <p>Proposal includes an allowance of (2) project site visits (mileage included). Proposal includes an additional four (4) administrative hours. Any additional time required to complete the construction administration for the referenced project will be billed at \$200 per hour with prior owner approval.</p>	<p>\$ 4,800.00</p>

Reimbursable expenses for reprographic work, etc are at cost plus 10%. Mileage is reimbursed at current IRS mileage rate at the time of work. Additional work is at standard hourly rates and will be defined and approved in writing by Owner prior to commencement of work.

Thank you for allowing Red Tree Consulting Group the opportunity to provide these services to you. We look forward to providing you a comprehensive solution. Red Tree will confirm any change to the above scope of work prior to executing any additional services. If you have any questions regarding this estimated fee proposal, please feel free to contact me at your convenience.

Thank you,

Michael L. Crow
Director of Field Operations, Partner
602.989.2433
mcrow@redtreeco.com

Pat Cruse

From: Michael Crow [mcrow@redtreeco.com]
Sent: Monday, March 16, 2015 8:06 PM
To: Pat Cruse
Cc: ndavis@sjusd.net
Subject: Coronado Prelim Budget

Mr. Cruse & Mr. Davis,

The preliminary estimated project budget for the replacement of the Grease trap and waste line rehabilitation project at Coronado Elementary Kitchen (Including put back with concrete and Terrazo flooring, turnkey) is \$ 42,500. If you have any questions or concerns please feel free to contact me. Hope you have a great evening.

Thanks -



Michael L. Crow
Director of Field Operations, Partner

2942 N 24th Street Suite 114-436
Phoenix, AZ 85016

Ph 602.424.3468 x2
M 602.989.2433
Fx 602.288.6599
mcrow@redtreeco.com
www.redtreeco.com

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SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Tolleson Union**
BRG Project Number: **070514201-1004-006BRG**
Project Description: **Repair sewer piping**
Architect of Record: **Red Tree Consulting Group (602-989-2433)**
Contractor: **TBD**

Maricopa County

Board Approval Date: **1/7/2015**
Supplemental award: **3/4/2015**
Supplemental award: **4/1/2015**

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 63,929
Contingency ①		\$ 10,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 10,350
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 10,350
Total SFB Funded Project Cost:		\$ 84,279
District or Local Funds:		\$ 5,000
SFB Board Approved Amount:		\$ 84,279
Total Project Cost:		\$ 89,279

① Contingency shall only be used with SFB staff approval.

TALBOT CONSTRUCTION LLC.

23449 S. Via Del Arroyo, Queen Creek, AZ. 85142

PHONE (480) 636-7602 FAX (480) 888-2627 MOBILE (480) 329-2650

License # 290163 Bonded Insured

PROPOSAL

Offer Submitted To:	Tolleson Union High School District	Date:	03/20/15
Attn:	Richard Oros	Job info:	Tolleson High School Building 300 CIPP
Mailing Address:	9801 West Van Buren St.	Address:	9419 West Van Buren St.
City & State:	Tolleson, Arizona 85353	City & State:	Tolleson, Arizona 85353
Telephone No:	623-243-2790		
Email:	richard.oros@tuhsd.org		

This offer includes the following:

- 1) Mobilization.
- 2) Utility locating, saw cutting, breakout & haul off of concrete & temporary fencing at point of new two way cleanouts on the south east side of building 300.
- 3) Excavation, backfill & compaction at point of new two way cleanouts on the south east side of building 300.
- 4) Pre video inspection.
- 5) Cleaning to prep line for cured in place epoxy lining.
- 6) Post video inspection of lining after installation.
- 7) Robotic reinstating of 10 lateral lines.
- 8) All labor and material to install up to 120' of 4" cured in place epoxy liner.
- 9) Install new code compliant 4" two way clean out in sidewalk on south side of building 300 & provide Bronze floor clean out covers.
- 10) Patching & doweling of 6" concrete.
- 11) Remove & replace two (2) 2" waste line clean out plugs on the East elevation of building 300 & provide stainless steel covers.
- 12) DVD provided showing waste piping after epoxy liner installation.

Add Alternate: Add \$17,500.00 to this proposal if the following work needs to be done. There are two 4" cast iron wye's that could not be verified if they were servicing other fixtures or were floor clean outs that were buried under the existing concrete. This will be verified when the pipe is removed to install the new two way clean outs on the south east side of building 300. If they are inaccessible floor clean outs then the liner can be installed permanently abandoning these and the need for this add alternate will be void. If these do service other fixtures and have to remain connected to the 4" cast iron that is receiving the liner, these will have to be conventionally replaced due to the limited movement of the robotic reinstatement cutter. The scope of work for this add alternate is as follows: Remove carpet & rubber base, saw cut floor, excavate, replace cast iron wye's with new abs fittings, backfill & compact soil, dowel & replace concrete, scrape & prep floor, provide & install new carpet & rubber base. This will happen in two classrooms.

This offer does not include the following:

Permits, fees, bond, hard dig, screened or import pipe bedding, material cost increases, cleaning & lining of all lateral lines, relocating of classroom furniture, desks, chairs, tables, etc. all night & after hours work.

Total Consideration:	Thirty Six Thousand Four Hundred Twenty Nine Dollars	\$36,429.00
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Payments to be made as follows:	AS BILLED
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All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving additional costs will be executed only upon written orders and will become an extra charge over and above this proposal. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by workman's compensation insurance.
NOTE: This proposal may be withdrawn if not accepted within 30 days.

ACCEPTANCE OF PROPOSAL:

The above prices, specifications and conditions are satisfactory and are hereby accepted. Specialized Plumbing LLC is authorized to perform the work as specified. Payment will be made as outlined above.

Date of Acceptance _____ Signature _____

PROPOSAL

This proposal contains all labor, equipment, and materials for a complete project and includes all insurance, permits, fees, and lien releases for same. No request for additional compensation will be made. The person signing this proposal verifies that he/she has visited the job site and understands its condition. This sheet (proposal) and the site inspection sheet are to be completed and attached with Estimate. All specification product data requested also to be attached to estimate.

CIPP Building # 300 :

\$ 53,929.00

Contact Person : Mark Talbot

Contact Person Email : mark.TC11c@gmail.com

Company Name : Talbot Construction, LLC

Company Address : 23449 S. Via Del Arroyo
Queen Creek, AZ 85142

Phone : 480-329-2650

Signed : 

Date : 3/19/15

Company Seal:

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: April 1, 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)**

**Ajo Unified
Bullhead City Elementary (2 requests)
Casa Grande Elementary (4 requests)
Hyder Elementary
Isaac Elementary
Mesa Unified
Palo Verde Elementary
Payson Unified
Pine Strawberry Elementary**

Background – Ajo Unified (Ajo School – replace intercom system)

Ajo Unified has submitted a Building Renewal Grant request to replace the intercom system at Ajo School. On May 1, 2013, the Board awarded Ajo Unified \$4,809 to repair the existing system. The system, at this time, is beyond repair and needs to be replaced.

Ajo Unified, located 111 miles southwest of Phoenix, has one school. Ajo School is comprised of 16 buildings constructed between 1956 and 2000, totaling 107,122 square feet.

The lowest proposal received was \$76,923 for the replacement of the intercom 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 – Ajo Unified (Ajo School – replace intercom system)

Staff recommends 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.

Background – Bullhead City Elementary (Desert Valley ES – replace water source heat pump) Request 1 of 2

Bullhead City Elementary has submitted a Building Renewal Grant request to replace a water source heat pump on classroom Building 1001 at Desert Valley Elementary School.

Bullhead City Elementary, located 220 miles northwest of Phoenix along the Colorado River, has seven schools. Desert Valley Elementary School is comprised of six buildings constructed between 1979 and 1985, totaling 74,312 square feet. Building 1001 was built in 1979, totaling 32,500 square feet.

Staff visited the school site, inspected the heat pump in question and found a failed compressor and a leaky coil to the exchanger. The heat pump needs to be replaced.

The lowest proposal was \$15,261 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 – Bullhead City Elementary (Desert Valley ES – replace water source heat pump)

Staff recommends 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.

Background – Bullhead City Elementary (Bullhead City JHS – replace sewer lines) Request 2 of 2

Bullhead City Elementary has submitted a Building Renewal Grant request to replace the sewer lines in Building 1001 at Bullhead City Junior High School.

Bullhead City Elementary, located 220 miles northwest of Phoenix along the Colorado River, has seven schools. Bullhead City Junior High School is comprised of five buildings constructed between 1972 and 1988, totaling 75,468 square feet. Building 1001 was built in 1972, totaling 40,590 square feet.

The district received a project assessment and proposal for design and construction administration in the amount of \$23,500 as well as a construction estimate in the amount of \$93,000.

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 – Bullhead City Elementary (Bullhead City JHS – replace sewer lines)

Staff recommends 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.

Background – Casa Grande Elementary (Evergreen ES – repair sewer ejection system) Request 1 of 4

Casa Grande Elementary has submitted a Building Renewal Grant request to repair the sewer ejection system on Building 1008 at Evergreen Elementary School.

Casa Grande Elementary, located 50 miles southeast of Phoenix, has 14 schools. Evergreen Elementary School consists of eight buildings constructed between 1957 through 2007, totaling 49,421 square feet. Building 1008 was built in 2003, totaling 1,952 square feet.

The sewer ejection system is in need of various repairs. A proposal was submitted to replace the entire system at a cost of \$26,120. It is SFB staff's opinion that the system can be repaired at a cost of \$7,953. The district will fund the difference (\$18,167) to replace the entire 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 work.

Staff Recommendation – Casa Grande Elementary (Evergreen ES – repair sewer ejection system)

Staff recommends 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. The district will fund the difference (\$18,167) to replace the entire system.

Background – Casa Grande Elementary (Casa Grande MS – replace VFD) Request 2 of 4

Casa Grande Elementary has submitted a Building Renewal Grant request to replace the variable frequency drive (VFD) on the HVAC system on Building 1011 at Casa Grande Middle School.

Casa Grande Elementary, located 50 miles southeast of Phoenix, has 14 schools. Casa Grande Middle School consists of 17 buildings constructed between 1950 through 2004, totaling 132,818 square feet. Building 1011 was built in 1972, totaling 1,360 square feet.

The cost for replacement is \$4,439.

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 – Casa Grande Elementary (Casa Grande MS – replace VFD)

Staff recommends 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.

Background – Casa Grande Elementary (Evergreen ES – replace VFD) Request 3 of 4

Casa Grande Elementary has submitted a Building Renewal Grant request to replace the variable frequency drive (VFD) on the HVAC system on Building 1003 at Evergreen Elementary School.

Casa Grande Elementary, located 50 miles southeast of Phoenix, has 14 schools. Evergreen Elementary School consists of eight buildings constructed between 1957 and 2007, totaling 49,421 square feet. Building 1003 was built in 1957, totaling 8,840 square feet.

The cost for replacement is \$899.

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 – Casa Grande Elementary (Evergreen ES – replace VFD)

Staff recommends 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.

Background – Casa Grande Elementary (Saguaro ES – replace VFD) Request 4 of 4

Casa Grande Elementary has submitted a Building Renewal Grant request to replace the variable frequency drive (VFD) on the HVAC system on Building 1002 at Saguaro Elementary School.

Casa Grande Elementary, located 50 miles southeast of Phoenix, has 14 schools. Saguaro Elementary School consists of four buildings constructed between 1973 and 2003, totaling 50,890 square feet. Building 1002 was built in 1987, totaling 828 square feet.

The cost for replacement is \$1,804.

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 – Casa Grande Elementary (Saguaro ES – replace VFD)

Staff recommends 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.

Background – Hyder Elementary (Dateland ES – replace windows)

Hyder Elementary has submitted a Building Renewal Grant request to replace 14 various dual-pane windows due to the moisture within the frames on Building 1013 at Dateland Elementary School.

Hyder Elementary, located 118 miles southwest of Phoenix, has one school. Dateland Elementary School is comprised of twelve buildings constructed between 1950 and 2002, totaling 52,656 square feet. Building 1013 was built in 2002, totaling 18,660 square feet.

The windows are fogging up and leaking water to the interior of the building. The windows require replacement. The lowest proposal received was \$4,400.

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 – Hyder Elementary (Dateland ES – replace windows)

Staff recommends 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.

Background – Isaac Elementary (Mitchell ES – replace intercom system)

Isaac Elementary has submitted a Building Renewal Grant request to replace the intercom system at Mitchell Elementary School.

Isaac Elementary, located near downtown Phoenix, has 14 schools. Mitchell Elementary School is comprised of five buildings constructed between 1975 and 2000, totaling 61,340 square feet.

The intercom system is in need of component replacements that are no longer available. This system is no longer supported by the manufacturer. The lowest proposal received was for \$11,494.

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 – Isaac Elementary (Mitchell ES – replace intercom system)

Staff recommends 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.

Background – Mesa Unified (Carson JHS – partial roof recoat)

Mesa Unified has submitted a Building Renewal Grant request to restore the foam roof on Building 1016 at Carson Junior High School. The majority of the remaining roof is in excellent condition and still under warranty by the manufacturer.

Mesa Unified has 90 schools. Carson Junior High School consists of 30 buildings constructed between 1958 and 2003, totaling 156,294 square feet. Building 1016 was built in 1981 totaling 13,610 square feet.

The existing foam-coated roof requires a 10-year restoration. The architect estimates the cost of the project including the design/construction documents and administration at \$6,200, and construction at \$12,000. The district funded the roof assessment to support this grant request.

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 – Mesa Unified (Carson JHS – partial roof recoat)

Staff recommends 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.

Background – Palo Verde Elementary (Palo Verde ES – replace HVAC system)

Palo Verde Elementary has submitted a Building Renewal Grant request to replace the HVAC system on Building 1011 at Palo Verde Elementary School.

Palo Verde Elementary, located 42 miles west of downtown Phoenix, has one school. Palo Verde Elementary School is comprised of 18 buildings constructed between 1955 and 2012, totaling 66,790 square feet. Building 1011 was built in 1955, totaling 3,429 square feet.

The district received an engineering proposal of \$2,500 for both design and structural engineering and an estimate of \$7,000 for the installation of the new HVAC 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 – Palo Verde Elementary (Palo Verde ES – replace HVAC system)

Staff recommends 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.

Background – Payson Unified (Payson HS – replace kitchen fire suppression system)

Payson Unified has submitted a Building Renewal Grant request to replace the culinary kitchen fire suppression system in Building 1019 at Payson High School.

Payson Unified, located 90 miles northeast of Phoenix, has five schools. Payson High School is comprised of 23 buildings constructed between 1965 through 2011, totaling 178,635 square feet. Building 1019 was built in 1995, totaling 12,160 square feet.

The existing kitchen fire suppression system needs to be replaced because the extinguishing agent does not meet current fire code and the storage container requires hydrostatic testing to be in compliance with the NFPA. The lowest proposal received was \$2,674 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 work.

Staff Recommendation – Payson Unified (Payson HS – replace kitchen fire suppression system)

Staff recommends 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.

Background – Pine Strawberry Elementary (Pine Strawberry ES – replace basketball court)

Pine Strawberry Elementary has submitted a Building Renewal Grant request for the replacement of the basketball court at Pine Strawberry Elementary School.

Pine Strawberry Elementary, located 100 miles northeast of Phoenix, has one school. Pine Strawberry Elementary School is comprised of eight buildings constructed between 1917 and 1989, totaling 66,745 square feet.

Staff visited the site and observed multiple cracks throughout the concrete slab. The original court was built by the parents and needs to be replaced. The district received a quote for engineering design in the amount of \$2,000 and estimate cost of construction of \$62,900.

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 work.

Staff Recommendation – Pine Strawberry Elementary (Pine Strawberry ES – replace basketball court)

Staff recommends 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.

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

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.

Attachments: Yes [X] No []

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT****Detail of Additional Cost and Contingency**
X Building Renewal Grant Fund

District: **Ajo Unified**
BRG Project Number: 100215001-9999-002BRG **Pima County**
Project Description: Replace intercom system
Consultant: n/a
Contractor: Fire Security Electronics & Communications Inc. (602-564-7770)
Board approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 76,923
Contingency ①		\$ 7,777
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 84,700
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 84,700
Total Project Cost:		\$ 84,700

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 12/5/2014 12:37:39 PM

Application ID: 1705

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: Ajo Unified District
Superintendent: Robert F. Dooley, Ed.D.
Contact Person: SAME
Contact Phone Number: 520-387-5618
Contact Email: bdooley@tabletoptelephone.com
School Site: Ajo School
Buildings: 9999 School Wide

Application Title: Replacement of School Intercom 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.

Currently there exists 7 classrooms that do not have 2-way communication with the school office. The Ajo School intercom system is 30+ years old, and is obsolete. Replacement parts can not be acquired for the current system.

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.

Insurance coverage is not applicable.

Liaison: Demland ddemland@azsfb.gov 602-542-6567

Superintendent Printed Name

Superintendent Signature

Date

FSEC Fire Security Electronics & Communications, Inc.

17621 N. 25th Avenue, Phoenix, AZ 85023. Phone : 602-564-7770 1-800-238-3732 Fax: 602-564-7770
2015 W. Ruthrauff Rd. Suite # 143, Tucson, AZ 85705. Phone (520)-505-4171 FAX (520)-989-0438
Web Site : www.fsec.net e-mail ; sales@fsec.net Licenses ROC086767 L-67 ROC272085 L-16

Mr. Bob Dooley, Superintendent
Ajo Unified School District
11 North Well Road
Ajo, AZ 85321

December 8, 2014

RE: Intercom System Hybrid System Replacement

Hello Mr. Dooley,

As per our meeting on Friday, December 5th, 2014 between yourself, Dan Demland and I, in regard to the intercom system issues, I have created a revised proposal to address your current intercom needs. As we found during our site walk there were several classrooms that do not have 2 way communications which does not meet the School Facilities Boards minimum standards for classroom communication. The areas that are NOT functioning properly are the entire Auto/Welding Building, Elementary Classrooms 27 & 28, and the weight room and Mirror Room in the gymnasium.

Our proposal to Ajo USD is to provide a new hybrid intercom system head end with the ability to eliminate underground copper cabling to the 3 inoperable buildings on the campus. By utilize the existing fiber optic network to provide a new networked hybrid intercom system, FSEC can eliminate any future underground concerns to the 3 inoperable buildings. The remaining buildings will maintain their current configuration of utilizing the existing underground copper cabling from the new hybrid head end. The existing in-building cabling is most likely older than the underground cabling. We will also provide an all new in-building cabling infrastructure in the 3 inoperable buildings along with all new classroom speakers and new call buttons. This will provide the school district with a brand new complete functional hybrid system with reliable 2 way communication throughout the 3 areas that are currently not operational. Not the partial coverage the system currently provides. New speakers and call-in switches will be installed throughout the entire campus since the existing hardware is not compatible with the new hybrid intercom system.

With the advent of new technologies and by utilizing fiber optic cable underground to eliminate ground faults, lightning, and water issues, FSEC is able to provide the 3 in-operable buildings fast and reliable communication to its students and staff for many years to come. As funds become available the remaining buildings can be upgraded with new in-building cabling and also eliminate the copper underground cabling which would transition the new hybrid intercom system into a full IP intercom system.

If you have any questions regarding our proposal please feel free to contact me (602) 564-7770.

Thank you,
Curt Thurman
Senior Vice President



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 L-67, 272085 L-16

Proposal
December 8, 2014

Hybrid Intercom System for Ajo USD

ES#7704

To:

Ajo Unified School District
11 North Well Road
Ajo, AZ 85321
ATTN: Bob Dooley
FAX/E-Mail: bdooley@tabletoptelephone.com

FIRE SECURITY ELECTRONICS & COMMUNICATIONS INC. hereby proposes to supply and install a hybrid intercom system for Ajo USD located at 11 North Well Road, Ajo, Arizona.

This is a turnkey proposal using equipment manufactured by Telecor per the following equipment list:

1	Telecor	XL/BASIC	Main Control Assembly
1	Telecor	CID-SLCB-MA	Caller ID Single Line Console Board - Model A
3	Telecor	IOP-4	Intercom Station Card - Call-In and Speaker (4 Wire)
1	Telecor	IPI-MB IP	Interface Card Model B
3	Telecor	TBU-IP-MA	IP Termination Unit Model A
	Telecor	MCC-300	Intercom Control Console Assembly
1	Telecor	SI-250	250 Watt Amplifier - Rack Mount
3	APC	SMT1500RM2U	Smart-UPS SMT Series 1000 W / 1500 VA (2 RU)
1	APC	SMT2200RM2U	Smart-UPS SMT Series 1980 W / 2200 VA (2 RU)
1	Telecor	XL-WMK	Wall Mount Kit
3	Middle Atlantic	PPM-8-18	Pivoting Panel Mount Wall Rack, 18" Deep, 8RU
6	Telecor	TM-2X25	Terminal Block (supports 2 TCH Cables)
12	Telecor	TCH-15	15' Cable Assembly (per 25 Station - 2 per IOP-4)
53	Telecor	CS-1-PT	Momentary Call Switch Plate c/w Wire Leads
4	Lowell	LT-810-72-BB	Speaker Package-8in Speaker, 1 x 2 Tile System, 15W, 70/25V
20	Lowell	8C10MRA-VP ASSY	Moisture/Vandal Proof Wall Speaker Assembly
69	Lowell	DSL810-72	Speaker Package-8in Speaker, Wall Mount, 15W, 5W 70/25V transformer, White
14	Lowell	LUH-15T-SM-ASSY	15 Watt Surface Mount Paging Horn Assembly - LUH-15T, LUH-BOX, & LUH-VRG
5000	Westpenn	254245	4 Pair Category 5E CMP (Plenum Data)
4	ComNet	CNGE4US-ASSY	4-Port Unmanaged Switch Assembly, 2-Fiber, 2-Copper

Proposed System Price: \$72,500.31

Sales Tax: \$4,422.52

Total Proposal Price: \$76,922.83

Due to changes in the Sales Tax Laws Effective January 1st 2015, the actual sales taxes charged may be different than quoted above.

Scope of Work

Included:

- 1 Supply and installation of intercom control equipment and network switches.
- 2 Supply and installation of new loudspeakers and call-in switches.
- 3 Supply and installation of new intercom cable in buildings fed from IP-TBU's.
- 4 Supply and installation of any required conduit.
- 5 Project Submittals & Shop Drawings.
- 6 System programming & testing.
- 7 O&M Manuals & End User O&M Training.
- 8 Travel and lodging.
- 9 Sales tax.

Not Included:

- 1 Supply and installation of any required electrical circuits.
- 2 Permit fees, all permit fees are to be paid by the general contractor.

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.
- 2 Existing Cable: FSEC will use existing cable from the existing control unit location to each existing loudspeaker location with the exception of buildings with new IP-TBU's which will be connected to the system control unit via spare fiber strands installed during the fire alarm system upgrade.

Addenda:

FSEC acknowledges the receipt of the following addenda for this project:
No addenda have been received.

The proposed price does not include any permit, plan review, or inspection fees.

SEE THE ATTACHED TERMS AND CONDITIONS

Do not accept this proposal without reading all the attached pages

Proposed By: _____ Date: 12/08/2014
Curt Thurman *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: 12/08/2014
Curt Thurman *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: **Bullhead City Elementary**
BRG Project Number: **080415105-1001-018BRG**
Project Description: **Replace water source heat pump**
Architect of Record: **n/a**
Contractor: **Ambient Edge (928-718-1017)**
Board Approval: **4/1/2015**

Mohave County

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 15,261
Contingency ①		\$ 1,000
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 16,261
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 16,261
Total Project Cost:		\$ 16,261

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 2/13/2015 5:08:26 PM

Application ID: 1827

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 Frie
Contact Person: John Wawrzynek
Contact Phone Number: 9294447529
Contact Email: jwawrzynek@bullheadschoools.com
School Site: Desert Valley Elementary
Buildings: 1001 A1000

Application Title: water source heat pump

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.

Main office area has no heating or cooling. The compressor shorted out and condenser coil is leaking ,oil present in bottom of unit. Unit is R22 older system. see attached quotes.

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

Superintendent Printed Name

Superintendent Signature

Date



Ambient Edge

Heating/Air Conditioning
& Refrigeration Inc.

Ambient Edge
3270 Kino Ave
Kingman AZ 86409
Phone: 928-718-1017
Fax: 928-692-1016

ROC 198597AZ, 0071575NV

BILL TO:

DESERT VALLEY SCHOOL
1066 MARINA BLVD
BULLHEAD CITY AZ 86442

QUOTE

DATE

2/10/2015

INVOICE #

0000157949

CUST #

0020612

LOCATION:

DESERT VALLEY SCHOOL
1066 MARINA BLVD
BULLHEAD CITY AZ 86442

P.O. NUMBER		TERMS	SALES PERSON
		COD	Amy Johnson
QUAN	DESCRIPTION		
	Desc: Replace existing water to air Heat Pump Unit		
	*** There should be no reason water would have to be added to this tower during install***		
	** New Unit is 8-10 weeks out from order date**		
1.00	Equipment: HBH072A4C3ACLS WSHP 72K LARGE COMM HORIZ		
2.00	DUCTTRANS	24 ga. Insulated Duct Transition	
1.00		Materials: Hose Kit	
1.00		Materials: Remove and re set Tbar Grid	
1.00		LABOR	
2.00		LABOR: Tech Start Up	
1.00		Materials & Lift	
1.00		PERMIT FEES	
1.00		FREIGHT EQUIPMENT	
This quotation is subject to acceptance within 30 days.			
TERMS: Net 30*			
• This quotation does not include unless otherwise listed above: structural changes, painting or drywall, sheet metal other than ductwork shown on plans, high voltage electrical, gas piping, and connections to fire system			
• Only includes material and labor shown.			
• All orders subject to factory acceptance. No material will be accepted for return.			
All material is guaranteed to be as specified. All work to be completed in workmen like manner according to standard practices. Any alterations or deviations from specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above estimate. All agreements contingent upon accidents or delays beyond our control.			

Subtotal	\$15,260.29
Sales Tax	\$0.00
Total Amount	\$15,260.29

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant FundDistrict: **Bullhead City Elementary**BRG Project Number: **080415130-1001-019BRG**

Mohave County

Project Description: **Replace sewer lines**Architect of Record: **Ludwig Engineering (928-768-1857)**Contractor: **TBD**Board Approval: **4/1/2015**

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 93,000
Contingency ①		\$ 10,000
Architecture / Engineering (A&E) Fees		\$ 23,500
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 23,500
Total SFB Funded Project Cost:		\$ 126,500
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 126,500
Total Project Cost:		\$ 126,500

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 2/12/2015 3:46:00 PM

Application ID: 1823

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 Frie
Contact Person: John Wawrzynek
Contact Phone Number: 928-444-7529
Contact Email: jwawrzynek@bullheadschoools.com
School Site: Bullhead City Jr High School
Buildings: 1001 A1000

Application Title: Sewer

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 Jetted the sewer line 6 times over the past 2 months continue to have blockage and sewer water coming up the clean out. we have had the line inspected with a camera and have collapsed line. We also had the line located and marked.

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.

N/A

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Superintendent Printed Name

Superintendent Signature

Date

BULLHEAD CITY JR. HIGH SEWER REPAIR PROJECT

Prepared for:



Bullhead City Elementary
School District #15
1004 Hancock Rd.
Bullhead City, AZ 86442

1062 HANCOCK ROAD
BULLHEAD CITY, ARIZONA
86442

MARCH 19, 2015

Prepared by:



Civil Engineering • Surveying • Planning

Arizona

5890 Highway 95, Ste. B, Fort Mohave, AZ 86426
Phone 928-768-1857 Fax 928-768-7086

2126 McCulloch Blvd., Ste. 8
Lake Havasu City, AZ 86403

Phone 928-680-6060 Fax 928-854-6530

California
Corporate

109 E. 3rd St., San Bernardino, CA 92410
Phone 909-884-8217 Fax 909-889-0153

15252 Seneca Rd., Victorville, CA 92392
Phone 760-951-7676 Fax 760-241-0573

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Arizona

5890 Highway 95, Ste. B 2126 McCulloch Blvd., Ste. 8
 Fort Mohave, AZ 86426 Lake Havasu City, AZ 86403
 Ph. 928-768-1857 Ph. 928-680-6060
 Fax 928-768-7086 Fax 928-854-6530
 www.ludwigeng.com

California

109 E. 3rd St. 15252 Seneca Rd.
 San Bernardino, CA 92410 Victorville, CA 92392
 Ph. 909-884-8217 Ph. 760-951-7676
 Fax 909-889-0153 Fax 760-241-0573
 Toll Free 800-879-1282

Executive Summary:

Bullhead City Junior High School was built in 1971, at 1062 Hancock Road, Bullhead City, Arizona.

There are nine restrooms within the envelope of the existing building known as "Building 8" These restrooms are:

Restrooms	Type	Locale
2	Faculty & Nurse	North
1	Girls	North-East
2	Boys & Girls	North-West
1	Catering	West
2	Boys & Girls	South-West
1	Boys	South-East

The sewer pipe material used are cast iron metal that has corroded over the years. Video of the camera works done recently shows the extreme level of corrosion in the pipe. The life expectancy of such pipe in this area with the quality of water and heat is 30 years maximum based on similar projects in this area.

The sewer line from the North-West and North-East restrooms are connected in an East/West direction to the main sewer pipe; which is going in a North/South direction, inside the classrooms; with no cleanout within the building.

The South-East restrooms are connected in the East/West direction to this North/South main sewer line inside the classroom with no cleanout (see attached map of Building 8).

On the east side of the subject building, there is "Building 7", which was built in 1984. The waste water line from this building is extended in the North/South direction to the east of the subject building and drains southwest parallel to the subject building as shown in the attached map.

There are three cleanouts on the newer wastewater line extended North/South. This pipe is 4" SCH 40, designed for wastewater systems.

Recommendation:

Existing cast iron metal pipe has extensive corrosion evidenced by the video footage. This line is extended through the classrooms and is expected to fail in the entire building 8 more frequently from this point on.

It is our recommendation to extend the sewer lines as shown on the attached map to the outside with SCH 40 PVC, designed for sewer lines, and connect to the existing line properly. Further evaluation and design will be needed to establish elevation and size of the pipe.

We estimate the overall cost of this project to be: \$116,500

This would include design, construction/supervision, and construction cost of by-passing the existing failed system with new sewer lines as provided in the attached preliminary drawing & map of "Building 8".

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Casa Grande Elementary**
BRG Project Number: **110404102-1008-018BRG**
Project Description: **Replace sewer ejection system**
Architect of Record: **n/a**
Contractor: **Mankel Mechanical, LLC (520-316-9120)**

Pinal County

Board approval 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 7,953
Contingency ①		\$ 547
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 8,500
District Share (Local Funds):		\$ 18,167
SFB Board Approved Amount:		\$ 8,500
Total Project Cost:		\$ 26,667

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 2/18/2015 6:40:06 AM

Application ID: 1828

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: Casa Grande Elementary District

Superintendent: Frank Davidson

Contact Person: Frank Corder

Contact Phone Number: 520-836-4782

Contact Email: frank.corder@cgelem.k12.az.us

School Site: Evergreen Elementary School

Buildings: 1008 MSI

Application Title: Sewer Lift Station - 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.

One of two pumps and 4 of 5 floats have failed on the sewer lift station at Evergreen elementary school. The district is requesting funding of \$6,616.90 for the failed equipment.

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 \$19,503.10

Please outline any associated insurance coverage.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Superintendent Printed Name

Superintendent Signature

Date

Mankel Mechanical, LLC

1185 E Brenda Drive – Casa Grande, Arizona 85222
(520) 316-9120 – Fax (520) 316-9129
License #: 145043

February 12, 2015

Evergreen Elementary Sewer Lift Station
Casa Grande, AZ

Following is a more detailed breakdown of the costs for the above mentioned job.

PHASE 1

1) Pump and clean sump area	\$440.00 *
2) Replace five floats (includes floats and labor to install)	\$272.60 per each float (\$1,363.00 total) *
Replace two pumps (includes pumps and labor installed)	\$5,526.50 per each pump * x 1 Pump. (\$11,053.00 total)
3) Move Alarm Light Outside	\$616.00
4) Trenching/Fix leak/Add Cleanout	\$1500.00

PHASE 2

1) Hi/Low Wiring	\$2816.00
2) Replace Panel	\$7062.00

Subtotal \$24,850.00

Tax per 2015 prime contracting tax change \$1,270.00 estimated

GRAND TOTAL \$26,120.00

SFB Portion: \$ 7,329.50
EST. TAX 600.00
\$ 7,952.50

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Casa Grande Elementary**
BRG Project Number: **110404106-1011-019BRG**
Project Description: **Replace VFD**
Architect of Record: **n/a**
Contractor: **Midstate Mechanical (602-470-1920)**

Pinal County

Board approval 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 4,439
Contingency ①		\$ 311
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 4,750
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 4,750
Total Project Cost:		\$ 4,750

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date:

Application ID: 1671

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: Casa Grande Elementary District
Superintendent: Frank Davidson
Contact Person: Frank Corder
Contact Phone Number: 520-836-4782
Contact Email: frank.corder@cgelem.k12.az.us
School Site: Casa Grande Middle School (formerly Junior High School)
Buildings: 1011 Central Plant

Application Title: Casa Grande Middle School - Cooling Tower Fan VFD 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 Variable Frequency Drive for the Cooling Tower fan motor has failed. The district has wired around the VFD in order to keep the fan operational.

A review of the condition was performed and quotes were received from three vendors.
Mid-State Mechanical was the lowest quote at \$4,468

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

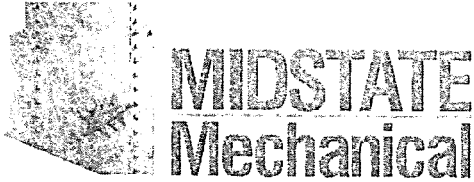
602-364-1193

Frank Davidson
Superintendent Printed Name

Building Renewal Grant Application

Frank Darden
Superintendent Signature

11-25-14
Date



1850 E. Riverview Drive • Phoenix, Arizona 85034 • 602.470.1920
www.midstatemechanical.com

02/23/2015

Frank Corder / Dennis York
Casa Grande Elementary District

RE: New VFD's installed at 3 sites

We would like to offer the following HVAC proposal. Our price includes all labor, material and equipment:

We will remove existing VFD's not operating as listed below and install new VFD's and provide factory start up as follows:

Casa Grande Middle School - 20 HP for a pump in the central plant, ABB drive ACH550-VCR-031A-4

\$4,439.00 include tax of \$175.44

Saguaro Elem - a 10 HP for a pump in the central plant, ABB drive ACH550-UH-015A-4

\$1,804.00 includes tax of \$68.60

Evergreen - a 1 HP drive for an air handler in a class room, ABB drive ACH550-UH-03A3-4

\$899.00 includes tax of \$37.74

Price includes any Electrical or DDC Controls wiring modifications for terminations at the VFD's

Warranty is for 3 years parts and labor from ship date of drives.

Startup is by ABB Mechline Services.

- The following base price is valid for 45 days from the date of this proposal.

Exclusions:

- Bond
- Permits:

Base Price: \$7,142.00 for ABB prices include sales taxes

(Acceptance of this bid is contingent upon the execution of a contract with mutually acceptable contract language.)

Thank you,

Wayne French
602-290-4575

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Casa Grande Elementary**
BRG Project Number: **110404102-1003-020BRG**
Project Description: **Replace VFD**
Architect of Record: **n/a**
Contractor: **Midstate Mechanical (602-470-1920)**

Pinal County

Board approval 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 899
Contingency ①		\$ 601
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 1,500
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 1,500
Total Project Cost:		\$ 1,500

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 11/24/2014 1:17:49 PM
Resubmittal Date: 11/24/2014 2:07:23 PM

Application ID: 1674

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: Casa Grande Elementary District
Superintendent: Frank Davidson
Contact Person: Frank Corder
Contact Phone Number: 520-836-4782
Contact Email: frank.corder@cgelem.k12.az.us
School Site: Evergreen Elementary School
Buildings: 1003 C-Wing

Application Title: Evergreen Elementary School - Unit Fan Motor

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 Variable Frequency Drive for the fan motor of a classroom unit has failed. The district has wired around the VFD in order to keep the fan running.

A review of the condition was performed and quotes were received from three vendors.
Mid-State Mechanical was the lowest quote at \$1,480

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

Frank Davidson
Superintendent Printed Name

Building Renewal Grant Application

Frank Davidson
Superintendent Signature

11-25-14
Date



1850 E. Riverview Drive • Phoenix, Arizona 85034 • 602.470.1920
www.midstatemechanical.com

02/23/2015

Frank Corder / Dennis York
Casa Grande Elementary District

RE: New VFD's installed at 3 sites

We would like to offer the following HVAC proposal. Our price includes all labor, material and equipment:

We will remove existing VFD's not operating as listed below and install new VFD's and provide factory start up as follows:

Casa Grande Middle School - 20 HP for a pump in the central plant, ABB drive ACH550-VCR-031A-4

~~\$4,439.00 include tax of \$175.44~~

Saguaro Elem - a 10 HP for a pump in the central plant, ABB drive ACH550-UH-015A-4

~~\$1,804.00 includes tax of \$68.60~~

Evergreen - a 1 HP drive for an air handler in a class room, ABB drive ACH550-UH-03A3-4

\$899.00 includes tax of \$37.74

Price includes any Electrical or DDC Controls wiring modifications for terminations at the VFD's
Warranty is for 3 years parts and labor from ship date of drives.
Startup is by ABB Mechline Services.

- The following base price is valid for 45 days from the date of this proposal.

Exclusions:

- Bond
- Permits:

Base Price: \$7,142.00 for ABB prices include sales taxes

(Acceptance of this bid is contingent upon the execution of a contract with mutually acceptable contract language.)

Thank you,

Wayne French
602-290-4575

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Casa Grande Elementary**
BRG Project Number: **110404105-1002-021BRG**
Project Description: **Replace VFD**
Architect of Record: **n/a**
Contractor: **Midstate Mechanical (602-470-1920)**

Pinal County

Board approval 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 1,804
Contingency ①		\$ 196
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
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:

Application ID: 1672

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: Casa Grande Elementary District

Superintendent: Frank Davidson

Contact Person: Frank Corder

Contact Phone Number: 520-836-4782

Contact Email: frank.corder@cgelem.k12.az.us

School Site: Saguaro Elementary School

Buildings: 1002 Central Plant

Application Title: Saguaro Elementary School - Loop Pump VFD 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 Variable frequency Drive for the Chiller Loop Pump has failed. The district has wired around the VFD in order to keep the pump running.

A review of the condition was performed and quotes were received from three vendors.
HACI was the lowest quote at \$2,445

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

Frank Davidson
Superintendent Printed Name

Building Renewal Grant Application

Frank Davidson
Superintendent Signature

11-25-14
Date



1850 E. Riverview Drive • Phoenix, Arizona 85034 • 602.470.1920

www.midstatemechanical.com

02/23/2015

Frank Corder / Dennis York
Casa Grande Elementary District

RE: New VFD's installed at 3 sites

We would like to offer the following HVAC proposal. Our price includes all labor, material and equipment:

We will remove existing VFD's not operating as listed below and install new VFD's and provide factory start up as follows:

Casa Grande Middle School - 20 HP for a pump in the central plant, ABB drive ACH550-VCR-031A-4

\$4,439.00 include tax of \$175.44

* Saguaro Elem - a 10 HP for a pump in the central plant, ABB drive ACH550-UH-015A-4

\$1,804.00 includes tax of \$68.60

Evergreen - a 1 HP drive for an air handler in a class room. ABB drive ACH550-UH-03A3-4

\$899.00 includes tax of \$37.74

Price includes any Electrical or DDC Controls wiring modifications for terminations at the VFD's

Warranty is for 3 years parts and labor from ship date of drives.

Startup is by ABB Mechline Services.

- The following base price is valid for 45 days from the date of this proposal.

Exclusions:

- Bond
- Permits:

Base Price: \$7,142.00 for ABB prices include sales taxes

(Acceptance of this bid is contingent upon the execution of a contract with mutually acceptable contract language.)

Thank you,

Wayne French
602-290-4575

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Hyder Elementary**
BRG Project Number: 140416101-1013-004BRG
Project Description: **Replace windows**
Consultant: n/a
Contractor: John's Glass Service (928-782-4632)

Yuma County

Board Approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 4,400
Contingency ①		\$ 600
Additional Cost:		
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 or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 5,000
Total Project Cost:		\$ 5,000

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/19/2014 7:45:13 AM

Application ID: 888

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: Hyder Elementary District
Superintendent: John P. Koury
Contact Person: John P. Koury
Contact Phone Number: 928-454-2242 or 928-920-6666
Contact Email: pkoury@hyderisd.org
School Site: Dateland Elementary School
Buildings: 1013 New Classroom Building

Application Title: Faulty Duel Window 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.

Some duel windows in new school building not sealed. Foggy and filled with moisture. Rust developing at the base of windows.

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.

Not sure of exact cost of project. Not to exceed \$5,000.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

John P. Koury

Superintendent Printed Name

Superintendent Signature

3/18/14

Date

AUTO AND HOME GLASS SERVICE • SHOWER DOORS • SUN SCREENS
FREE ESTIMATES



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JULIO HURTADO

EIN 731625095



Estimate Only

2/11/15

- Customer Name Delfina Caughlan
- Address Dateland Cougars
Elementary School

This is the estimated price for a glass replacement on 14 dual pane windows. (Grey/Clear safety glass)

\$ 4,050.00+tax

350.00 Est. TAX

\$ 4,400.00

Material and Labor Included

IF YOU HAVE ANY ADITIONAL QUESTIONS PLEASE CALL US AT THE ABOVE NUMBER

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
☒ Building Renewal Grant Fund

District: **Isaac Elementary**
BRG Project Number: 070405106-9999-001BRG
Project Description: Replace intercom system
Consultant: n/a
Contractor: CST (480-890-2260)

Maricopa County

Board Approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 11,494
Contingency ①		\$ 3,506
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 15,000
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 15,000
Total Project Cost:		\$ 15,000

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: 2/17/2015 3:07:40 PM

Application ID: 1835

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: Isaac Elementary District
Superintendent: Dr. Mario Ventura
Contact Person: Lynn Lang
Contact Phone Number: 602-455-6742
Contact Email: llang@isaacschools.org
School Site: Mitchell Elementary School
Buildings: 9999 School Wide

Application Title: Replace Intercom 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 Telecenter IV has failed. Replacement parts are no longer available. The district received 3 proposals for replacement, the lowest was \$11,521.56.

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.


Not applicable. No district funds available for this project.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Mario Ventura
Superintendent Printed Name


Superintendent Signature

2/16/15
Date



Low Bid!

Commercial Systems Technology, Inc.

Date: March 3rd, 2015

To: **Isaac School District #5**
1701 N. 35th Ave
Phoenix, Arizona 85009

State of Arizona School Facility Board
1700 W. Washington Street Suite 104
Phoenix Arizona 85007

Attn: Berto Perez (Director of Technology)
Berto Perez
wperez@isaaschools.org

Pat Cruse
(602) 364-1193 O. / (602) 920-2267 m.
pcruse@azsfb.gov

Matt Shields (Director of Support Services)
(602) 484-4104 t. / (602) 290-5663 m.
mshields@isaacschools.org

Total pages 3

Re: **Mitchell Elementary (Intercom and Clock System)**

Dear Berto, Matt, & Pat; I'm sending you this per our conversation last week. Please see below recommendations, pricing and estimate budget figures regarding the Intercom and Clock systems replacement for the Isaac Schools District.

Mitchell Elementary School:

This campus has a very old intercom and clock system. The intercom appeared to be working the day I was there. I did however notice a few of the digital clocks around the campus had faint displays. I tried to remove a few of the old intercom speakers but was unsuccessful. Years of painting the rooms had the speakers painted to the wall so I was unable to remove them easily and see what kind of shape the speakers themselves were in.

The wiring in the main intercom junction box appeared to be in decent shape even though the wiring is old I did not see any corrosion, or feel any brittleness to the cable. (see attached pictures).

The school has expressed concerns about the intercom going down the past and not being able to get parts for it. If we don't not replace everything right now (intercom & clock system) and we do this in phases; our recommendation would be to eliminate the old digital clocks system and start changing this over to a wireless clock system for the campus. This eliminates many headaches for maintenance personnel. See below options to replace things in phases when needed.

Intercom headend only replacement:

The main intercom system will be located in the same location as the existing system is. The existing audio sources, equipment rack, amplifiers and UPS will be reincorporated. \$10,905.00

Tax 588.32

TOTAL COST \$11,493.32

We will meter and impedance tests all intercom lines at the main distribution point in the front office. We will check for any opens, shorts to ground or excessive loads on the system Any line found to be faulty, will not be terminated but it will be tagged and a description generated as to what it's going to take to fix.

With the age of this system we could have a few bad speakers or lines that need to be replaced here and there, but we will not know this until we start metering all lines and testing things out. If we don't go with the entire rewire and campus speaker replacement. I would recommend we have a miscellaneous allowance of **\$6,000 to \$9,000** to be used if repairs are needed. NOTE no repairs or contingency funds use will be done without approval.

Add alternate Intercom relocating to MDF room:

The School asked if we could relocate the intercom / clock system to the MDF room that's down the hallway on the east end of this building. All the intercom / clock wires in the main junction box will need to be extended to this location. We will be installing conduit to conceal wire where need (hard lid area's). Please add **\$6,610.37** to above cost for this option.

Add alternate Speaker replacement:

With the age of the speakers it is our recommendation that these be replaced. If not, at least start budging to replacing these in the future. We will be replacing all classroom, hallway / corridor, rest room and outside weather-proof speakers. Classroom speakers will be standard surface mounted baffle speakers, not a digital clock combo unit. All other locations the existing flush enclosures will be reused but new speakers will be installed in them. This is going to cost between **\$13,700.00 to \$16,400.00** depending on what we run into.

Add alternate Wireless Clock System:

The existing clock part will be abandoned. The New wireless analog clocks will be installed around the campus in everyone classroom. Depending on how many clocks your want installed. I would estimate this to cost between **\$19,800.00 to \$23,500.00**

Note:

The new analog clocks can be used as a teaching tool.

If we don't do the wireless clock system, the existing clock system will be left in place. However with the age of this system we can't guarantee they will display the correct time everywhere. No connection or servicing of the existing clock system is included. It is our recommendation that you replace these or start budgeting to replace these in the future.

Add alternate to above complete campus intercom rewire:

When we rewire the entire campus intercom system we will have to also go with the wireless clock system above. This is because the old clock wiring is in the same conduit as the intercom wires. When you pull one, you pull them all out. Total estimated cost to rewire just the intercom system.

Estimated intercom rewire-----\$37,000.00 to \$43,000.00
miscellaneous contingency allowance--\$ 4,000.00 to \$ 6,500.00
TOTAL ESITMATED BUDGET FIGURES **\$41,000.00 to \$49,500.00**

No one knows the conditions of the existing underground conduit system. (If we have to make repairs to it or not). I have figured and miscellaneous contingency allowance that maybe use if repairs are needed.

NOTES:

All above pricing and estimated budget figures include tax.

The contingency amount may be used for any unforeseen problems or addition request that may arise during the installation. If any situation does arise, we will bring it to your attention for a decision to resolve the problem for the best solution and to not hold up the progress on this project.

No connection or servicing of the existing clock system is included. It is our recommendation that that you start budging to replace these.

Page 3 of 3 **Mitchell Elementary (Intercom and Clock System)**

We will supply the school district with a copy of the software and password to the system. We are non proprietary. also the factory has a training class twice a year in phoenix that available free of charge to the school's. This is the same factory training class that our techs attend.

With the concern issues you having, I understand the importance of getting this completed right away and getting these completed. We can start immediately upon your request.

As always, I have appreciated working with your School District I look forward to working with you on this project.

Sincerely

Craig Edwards

Craig Edwards
CST / Commercial System Technology Inc.
204 South Mesa Drive
Mesa Arizona 85204

Office # 480 890-2260

Mobile # 480 332-3600

Fax # 480 890-2263

Web: www.cst-az.com /

Email cedwards@cst-az.com

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Mesa Unified**
BRG Project Number: 070204252-1016-007BRG Maricopa County
Project Description: **Partial roof recoat**
Consultant: Brock, Craig and Thacker Architects, LTD. (480-969-3081)
Contractor: TBD

Board approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 12,000
Contingency ①		\$ 3,300
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 6,200
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 6,200
Total SFB Funded Project Cost:		\$ 21,500
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 21,500
Total Project Cost:		\$ 21,500

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/19/2015 9:24:12 AM

Application ID: 1929

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: Carson Junior High School

Buildings: 1016 A16000

Application Title: 2 lower foam roofs on the Auditorium at Carson Junior High have failed

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 lower foam roofs on the Auditorium at Carson Junior High School have failed and need to be restored to good condition. Pat Cruse has walked these 2 roofs. These roofs are in poor condition with small splits and slices as well as small blisters.

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

Superintendent Printed Name

ARCHITECT'S ROOF INSPECTION REPORT

PROJECT: MPS Carson Jr High Auditorium Roof Repair
525 N Westwood, Mesa, AZ

PROJECT NO: 1417

DATE: 10-14-14 TIME: 2:00 pm

PRESENT: Boyd Thacker, BCT
Walt Hitchcock, Tremco
Todd Poer, MPS

OBSERVATIONS:

We are here to evaluate the two lower roof areas on the auditorium. The existing roof is a foam roof and the foam appears to be in fairly good condition but the coating is weathered with a few small splits and some small blisters. The roof seems to have been well maintained and clear of debris. A restoration coating would extend the life of the roof without replacement. The condition seems to warrant an infrared scan to verify if there is any moisture in the roof prior to the recoating. It was noted that there were some areas on the mortar cap on the parapet that were broken off and the bond beam reinforcing was exposed and rusting. There is a concern with moisture penetration at the parapet.

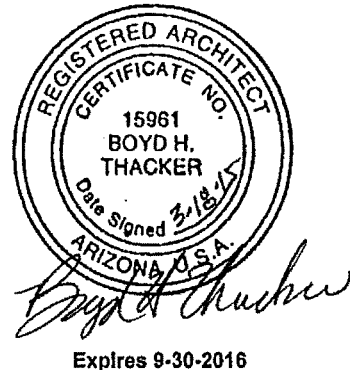
Mechanical equipment curbs are in good condition and the flashing at the parapets is in good condition.

RECOMMENDATION:

Recommended is a restoration coating for the foam roof and application of Solagard hypalon coating on the inside face of the parapets, over the top of the parapet and down 8" on the outside face of the parapet to seal the masonry and prevent further moisture penetration into the masonry wall through the top of the parapet. An infrared scan will need to be performed on the roof to determine if there is any moisture trapped in the existing roof. If so, the moist areas will have to be removed and repaired prior to the application of the new coating.

Report by: Boyd H Thacker, AIA

Enc: Observation photos



Roof Inspection Report

District: Mesa Unified School District

School: Carson Jr. High School

Address: 525 N. Westwood
Mesa, Arizona 85201

Inspection Date: Revised 3/18/2015



General Observations

1. A visual inspection was performed for the Carson Jr. High Auditorium Lower 2 foam roof sections.
2. The BUR roof portion of this building was not inspected.
3. The foam roofs are in poor condition, but can be restored to good condition with repairs and a restorative coating application.
4. Visual defects were visible during the inspection. Small splits and slices as well as small blisters.
5. Pictures of Blisters and other defects observed in roof surface attached below.
6. Cause of Blisters: I cut open two of the blisters on the roof. Both blisters were small, one approximately 3 inches in diameter, the second approximately 12 inches in diameter. The layers of foam have delaminated. Foam is usually applied in multiple passes or layers. Usually, each layer of foam is approximately 1/2 inch in thickness. I believe that the blisters investigated are typical of the small blisters observed. These blisters could have been caused by moisture trapped between the layers. The blisters could have been caused by surface contamination between the layers. It is difficult to determine how long the blisters have been on the roof. This condition could stem back to the original installation. I see no evidence of abuse, 3rd party damage, or neglect.
7. Repairs: Some of the existing blisters are found in areas where past repairs were performed.
8. Splits and other surface defects: The majority of the surface defects including what appear to be splits are likely due to age and natural weathering of the roof.
9. Foam surface texture: Verge of Popcorn Texture. Roughest texture suitable for receiving the protective coating.
10. Dry mil thickness of existing coating: The dry mil thickness is difficult to gauge due to the verge of popcorn texture. The mil thickness is greater in the valley's and much less at the peaks. Best estimate is approximately 20 dry mils. surface of the roof is weathered due to age.
11. The roof appears to be well maintained.
12. The roofs were free of debris.
13. Age: Unknown - likely 15 plus years (just a visual observation and an opinion)
14. Type: Spray applied Foam with Acrylic Coating
15. Warranty: Likely No, but no information provided.

Roof Construction:

1. No Roof Core was taken during the inspection.
2. Mesa USD staff was onsite during inspection
3. A restorative roof coating was recommended at the time of inspection. The district agreed that was an acceptable option.
4. Infrared Moisture Scan required for restoration warranty.

Recommendation: Restoration including repairs and white reflective Polyurethane coating

Scope of Work: Restoration - Repairs, seal, coating

1. Conduct an infrared Moisture evaluation - if after moisture survey is completed and results verified the roof system is dry. A roof restoration is a viable option.
2. Pressure wash or broom clean the roof surface.
3. Reseal all laps, drains, and penetrations
4. Reseal entire roof with a polyurethane coating
5. Provide a manufacturer restoration warranty that includes leak repairs at no charge to district for 12 years.
6. Budget: \$3.75 to \$4.25 per sq. ft.

Prepared by:

Walt Hitchcock

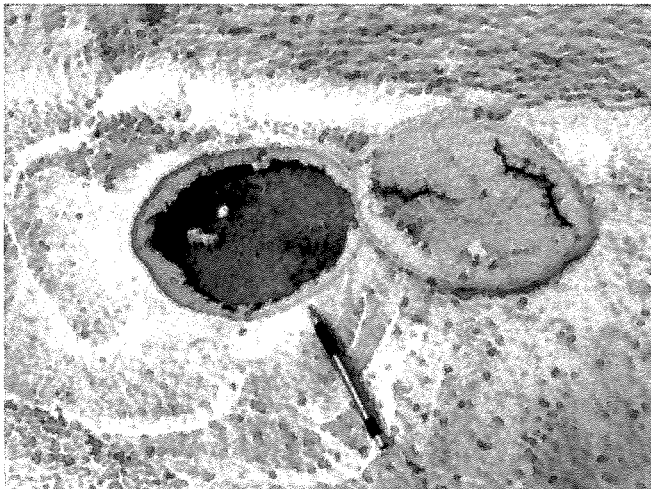
480-694-3433 Phoenix / 520-240-5690 Tucson

TREMCO
ROOFING & BUILDING MAINTENANCE

Blisters: Typical larger blister condition and size



12" Blister located on North upper foam roof. This blister is typical of the larger sized blisters found on the roof. It appears that this blister was repaired in the past.

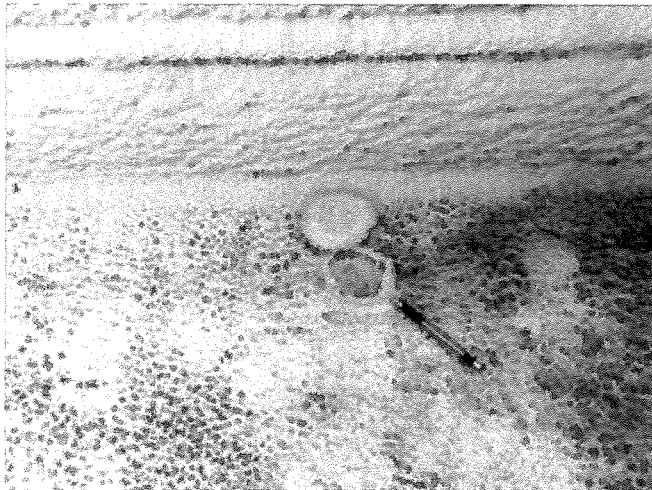


The blister was cut open to evaluation. The surface layer or top layer of foam has delaminated from the bottom layer of foam. Looking at the underside of the blistered foam, you can see cracks. The repairs perform appear to have stopped the water from leaking into this blister. The original cause of the blister: Likely moisture trapped between the two layers of foam during installation.

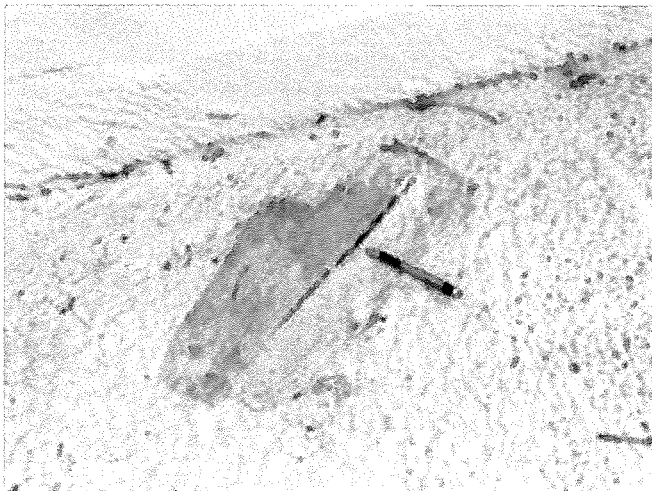


Blister was repaired to a water-tight condition.

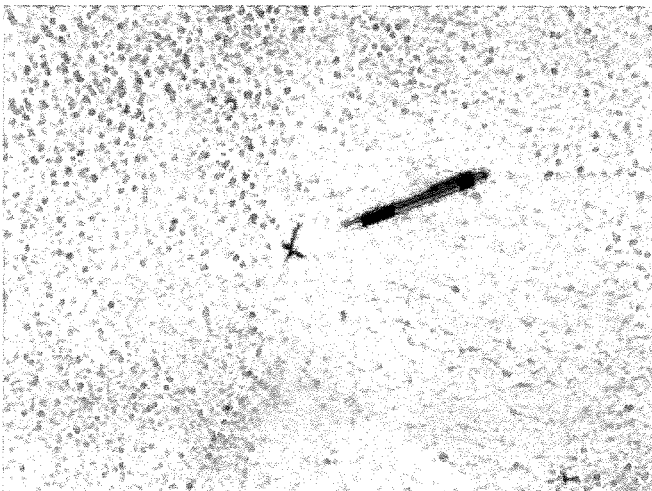
Blisters and other surface defects



The blister was cut open to evaluation. The surface layer or top layer of foam has delaminated from the bottom layer of foam. Looking at the underside of the blistered foam, you can see cracks. The repairs perform appear to have stopped the water from leaking into this blister. The original cause of the blister: Likely moisture trapped between the two layers of foam during installation.



The surface condition shown in this pictures is typical the surface defects observed. This area has been repaired in the past, and should be resealed prior to any coating application. This can be repaired.



Surface defect shown in this picture can been seen throughout the roof. It should be resealed prior to coating or restoration application

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Palo Verde Elementary**
BRG Project Number: **070449101-1011-009BRG**
Project Description: **Replace HVAC system**
Architect: **BESP (602-377-2679)**
Contractor: **TBD**

Maricopa County

Board approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 7,000
Contingency ①		\$ 1,500
Architecture / Engineering (A&E) Fees		\$ 2,500
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 2,500
Total SFB Funded Project Cost:		\$ 11,000
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 11,000
Total Project Cost:		\$ 11,000

① Contingency may only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 1/19/2015 2:57:24 PM

Application ID: 1759

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.or

School Site: Palo Verde Elementary School

Buildings: 1011 Old Wing

Application Title: HVAC Replacement at Old classroom wing

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 old classroom wing building built in 1955 is approximately 3,500 square feet. The classroom building consists of three (3) classroom spaces, and one (1) office space. Currently, office space has a functional air-conditioning unit. The cooling/heating units in remaining spaces have failed.

The district requests funds to cover the scope of work listed below:

- 1.The evaporative cooler serving one of the classroom spaces currently being used as a storage space will be removed from the roof along with electrical disconnect and power from the electrical panel. The roof will be sealed weather-tight, and make-up and drain will be capped.
- 2.The failed air-conditioning unit serving the second classroom space will be replaced with a new air-conditioning heat pump.
- 3.The existing 20" by 18" roof opening will be re-used to provide air-conditioning to the third classroom space. The existing return duct from the office space will be re-used to avoid any additional roof penetration. The new unit can serve both classroom and the office space next to it.

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

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 19, 2015

Mr. Jerry Derwin
Palo Verde Elementary School
10700 south Palo Verde Road
Palo Verde, AZ 85343

Ref: Assessment of Heating & Cooling System at 'old wing' classroom building # 1011

Dear Mr. Jerry,

Per district's request, BESP assessed a heating/cooling system at Palo Verde Elementary 'old wing' classroom building on Wednesday, December 10, 2014. It is noted that the 'old wing' classroom building built in 1955 is approximately 3,500 square feet. The classroom building consists of three (3) classroom spaces, and one (1) office space. Currently, office space has a functional air-conditioning unit. The cooling/heating units in remaining spaces have failed.

Based on the evaluation, we recommend the following:

1. The non-functional air-conditioning unit serving the classroom space be replaced with a new air-conditioning heat pump.

A design and installation cost for the above scope at 'old wing' classroom building at Palo Verde Elementary School is estimated as following:

- 1) Design Services Fee - \$2,500
 - 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
 - b. Construction Administration
 - i. Submittal review
 - ii. Installation verification

- 2) Estimated Construction/Installation Cost - \$7,000

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

Sincerely,

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

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Payson Unified**
Project Number: **040210201-1019-005BRG**
Project Description: **Replace kitchen fire suppression system**
Architect of Record: **n/a**
Contractor: **SunDevil Fire & Security (623-245-0636)**
Board approval: **4/1/2015**

Gila County

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost (cost estimate provided by architect or contractor)		\$ 2,674
Contingency ①		\$ 326
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 3,000
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 3,000
Total Project Cost:		\$ 3,000

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/23/2015 11:23:57 AM

Application ID: 1954

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: Payson Unified District

Superintendent: Dr. Greg Wyman

Contact Person: Brent Bailey

Contact Phone Number: (928) 472-2024

Contact Email: brent.bailey@pusd.com

School Site: Payson High School

Buildings: 1019 "C" Building

Application Title: replace outdated fire suppression system in Culinary Arts classroom

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.

Upgrade of(1)Range Guard 2.5 Gallon Chemical Fire Suppression Sytem to protect cooking exhaust hood ducts, plenums and all appliances beneath said hoods, which require fire protection. System will strictly adhere to NFPA 96, 17A, UL300 requirements and local fire codes. Proposal provided by Sun Devil Fire & Security for a Total Cost of \$2,673.89

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.

District does not have funds available to cover the cost of this unexpected replacement.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Superintendent Printed Name



SunDevil Fire & Security.

2929 W. Clarendon Ave • Phoenix AZ 85017

623-245-0636

Fax: 800-495-9291

Our Winning Habits

- Service
- Support
- Success
- Spirit

PROPOSAL

DATE: March 19, 2015

Payson USD #10

409 W, Longhorn

Payson, AZ 85547

RE: Fire Suppression System for
Exhaust Hood and Appliances at: Payson High Culinary

ATTN: Brent Baily

We hereby submit pricing for the upgrade of (1) **Range Guard 2.5 GALLON CHEMICAL FIRE SUPPRESSION SYSTEM** to protect cooking exhaust hood ducts, plenums and all appliances beneath said hoods, which require fire protection. System will strictly adhere to NFPA 96,17A, UL300 requirements and local fire codes.

SYSTEM INCLUDES:

- Upgrade Range Guard system components, piping and fittings
- New 2.5 Gallon Tank, Chemical, Valve and Bracket assemble
- New pipe, cable and conduit as required
- Pre Test for correct sequence of events prior to system upgrade
- Drawings and approximate permit cost NTE 300.00
- Post test following system upgrade to ensure correct sequence of events
- One final/function test with authority having jurisdiction (additional trips not included)

EXCLUSIONS:

All electrical wiring for shutdown of exhaust fan and/or electric appliances (electrician required), building alarm and/or remote monitoring circuits and equipment. Damage to paint, ceilings, floors or drywall due to installation. Installation of gas valve (plumber required) Additional insurance certificates if required. This proposal does not include any additional requests of insurance endorsement that may be re required, and does not include the cost removal of any asbestos prior to work crews arriving on job site.

Material \$1,613.89 Labor/Plans \$1060.00 **TOTAL COST: \$2,673.89**

**** NOTE: SUNDEVIL OFFERS FINANCING AND LEASE OPTIONS TO BETTER MEET YOUR NEEDS.**

TERMS: 50% DOWN AND 50% WHEN INSTALLATION IS COMPLETE, OR NET 10 UPON APPROVED CREDIT WE ACCEPT VISA, MASTER CARD AND AMERICAN EXPRESS PAYMENTS.

CONTRACT ACCEPTANCE SHALL BE BASED UPON COMPLIANCE WITH ESTABLISHED SUN DEVIL FIRE & SECURITY POLICIES AND PROCEDURES.

SDF & S IS A FULL SERVICE FIRE PROTECTION CONTRACTOR PROVIDING SALES, INSTALLATION AND SERVICE FOR FIRE EXTINGUISHERS & CABINETS, FIRE SPRINKLER SYSTEMS, FIRE ALARM SYSTEMS, KITCHEN HOOD FIRE SUPPRESSION SYSTEMS AND CLEAN AGENT SUPPRESSION SYSTEMS.

Sincerely,
Sun Devil Fire & Security.

ACCEPTED AS SUBMITTED:

Signed

Printed

Date

Corp – Service Manager
CONTRACTORS LICENSES

L-16: #091362

L-67: #090913

L-05: #095653

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund**District:** **Pine Strawberry Elementary****BRG Project Number:** 040312001-9999-001BRG

Gila County

Project Description: Replace basketball court**Architect:** Verde Engineering Group (928-595-2816)**Contractor:** TBD**Board approval:** 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 62,900
Contingency ①		\$ 6,000
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:		\$ 70,900
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 70,900
Total Project Cost:		\$ 70,900

① Contingency may only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 10/20/2014 10:11:05 AM

Application ID: 1611

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@pineesd.org
School Site: Pine Strawberry Elementary School
Buildings: 9999 School Wide

Application Title: Basketball court

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.

Basketball court outside in Jr. High playground developing excessive cracks and creating a tripping 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

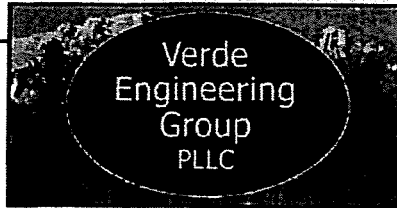
602-542-6139

Superintendent Printed Name

Superintendent Signature

Date

RALPH O. BOSSERT, P.E., R.L.S.
1109 NORTH McLANE ROAD
PAYSON, AZ 85541
928-978-4345
robossert@q.com



DAN FITZPATRICK, P.E.
1109 NORTH McLANE ROAD
PAYSON, AZ 85541
928-595-2816
dcfitzpatrick@npgcable.com

Keith Howell, Maintenance/Transportation
Pine Strawberry School, District #12
P.O. Box 1150
Pine, AZ 85544

**RE: Exterior Basketball Court
Pine Elementary School
Project #15-01**

Dear Mr. Howell,

Verde Engineering Group, PLLC has been asked to provide Engineering and the Estimated Cost to replace the exterior basketball court located in the field east of the Pine-Strawberry Elementary School. These costs are:

- | | |
|--------------------------------------|-------------|
| • Engineering Design and Inspections | \$2,000.00 |
| • Estimated Replacement Costs | \$62,900.00 |

If there are comments or questions, please do not hesitate to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read 'Dan Fitzpatrick', is written over the printed name.

Dan Fitzpatrick, P.E.

Cc: Cody Barlow, School Superintendent

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: April 1, 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)**

**Scottsdale Unified (6 requests)
Sentinel Elementary
Snowflake Unified (5 requests)
Tolleson Elementary
Valley Union
Vernon Elementary**

Background – Scottsdale Unified (Arcadia HS – repair refrigerant leak) Request 1 of 6

Scottsdale Unified has submitted a Building Renewal Grant request to repair the refrigerant leak on a 500-ton chiller that services all buildings at Arcadia High School.

Scottsdale Unified has 30 schools. Arcadia High School is comprised of 10 buildings constructed between 1959 and 2008, totaling 266,695 square feet.

A proposal to repair the refrigerant leak is \$4,585.

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 – Scottsdale Unified (Arcadia HS – repair refrigerant leak)

Staff recommends 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.

Background – Scottsdale Unified (Desert Mountain HS – repair chiller compressor) Request 2 of 6

Scottsdale Unified has submitted a Building Renewal Grant request to repair the compressor on chiller #1 at Desert Mountain High School.

Scottsdale Unified has 30 schools. Desert Mountain High School consists of 16 buildings constructed between 1995 and 2013, totaling 435,217 square feet.

The proposal to repair the compressor is for \$5,585. However, once underway further repairs may be needed. It is not possible to determine the full extent of the needed repairs until the technicians have fully assessed the equipment. Additional parts and labor may be required.

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 – Scottsdale Unified (Desert Mountain HS – repair chiller compressor)

Staff recommends 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.

Background –Scottsdale Unified (Desert Mountain HS – repair HVAC condenser pump)
Request 3 of 6

Scottsdale Unified has submitted a Building Renewal Grant request to repair the condenser pump on the HVAC system at Desert Mountain High School.

Scottsdale Unified has 30 schools. Desert Mountain High School consists of 16 buildings constructed between 1995 and 2013, totaling 435,217 square feet.

The cost for the condenser pump repair is \$7,859.

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 – Scottsdale Unified (Desert Mountain HS – repair HVAC condenser pump)

Staff recommends 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.

Background – Scottsdale Unified (Desert Mountain HS – repair chilled water piping)
Request 4 of 6

Scottsdale Unified has submitted a Building Renewal Grant request to replace a section of the chiller closed loop piping on the HVAC system on the Gymnasium Building 1008 at Desert Mountain High School.

Scottsdale Unified has 30 schools. Desert Mountain High School consists of 16 buildings constructed between 1995 and 2013, totaling 435,217 square feet. Building 1008 was built in 1995 totaling 69,644 square feet.

The cost for the closed loop piping repair is \$2,388.

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 – Scottsdale Unified (Desert Mountain HS – repair chilled water piping)
Staff recommends 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.

Background –Scottsdale Unified (Tonalea ES – replace HVAC split system) Request 5 of 6
Scottsdale Unified has submitted a Building Renewal Grant request to replace the HVAC split system that services the IDF Room in Building 1008 at Tonalea Elementary School.

Scottsdale Unified has 30 schools. Tonalea Elementary School consists of nine buildings constructed between 2004 and 2007, totaling 41,421 square feet. Building 1008 was built in 2007 totaling 7,231 square feet.

A quote to provide the 2-ton split system is \$1,387. The district will provide the labor to install.

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 – Scottsdale Unified (Tonalea ES – replace HVAC split system)
Staff recommends 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.

Background –Scottsdale Unified (Saguaro HS – replace chiller filter power module) Request 6 of 6

Scottsdale Unified has submitted a Building Renewal Grant request to replace the filter power module on chiller #2 that services all buildings at Saguaro High School.

Scottsdale Unified has 30 schools. Saguaro High School consists of 15 buildings constructed between 1966 and 2009, totaling 300,761 square feet.

The lowest proposal to replace the filter power module is \$14,204.

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 – Scottsdale Unified (Saguaro HS – replace chiller filter power module)
Staff recommends 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.

Background – Sentinel Elementary (Sentinel ES - roof replacement)

Sentinel Elementary has submitted a Building Renewal Grant request for replacement of the roof on classroom Building 1009 at Sentinel Elementary School.

Sentinel Elementary, located 118 miles southwest of Phoenix in Dateland, Arizona, has one school. Sentinel Elementary School is comprised of two buildings constructed 2002-2003, totaling 13,580 square feet. Building 1009 was built in 2002, totaling 12,380 square feet.

The district experienced a major roof leak in December 2014. The Arizona Risk Retention Trust (The Trust) has closed two classrooms and the library and will resume repairs after the roof is replaced. The area of concern is a 700sf mechanical well area in the center of a metal roof. Upon investigation, it was determined the single ply roof has failed and the roof warranty has expired.

The lowest proposal received was \$14,000 for the roof replacement, which 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 – Sentinel Elementary (Sentinel ES - roof replacement)

Staff recommends 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.

Background – Snowflake Unified (Highland PS – repair fire alarm and suppression system)

Request 1 of 5

Snowflake Unified has submitted a Building Renewal Grant request to repair the fire alarm system in Building 1005 at Highland Primary School.

Snowflake Unified, located 173 miles northeast of Phoenix, has six schools. Highland Primary School is comprised of five buildings constructed between 1977 and 2011, totaling 49,872 square feet.

The fire alarm and suppression systems are in need of repair. The lowest proposal submitted was \$2,272 to repair the system and bring it into NFPA compliance.

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 – Snowflake Unified (Highland PS – repair fire alarm and suppression system)

Staff recommends 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.

Background – Snowflake Unified (Snowflake HS – repair fire suppression system) Request 2 of 5

Snowflake Unified has submitted a Building Renewal Grant request to replace/repair the various fire suppression system components at Snowflake High School.

Snowflake Unified, located 173 miles northeast of Phoenix, has six schools. Snowflake High School is comprised of 15 buildings constructed between 1934 and 2006, totaling 181,434 square feet.

The fire suppression system is need of various repairs. The lowest proposal received was \$3,869 to repair the system and bring it into NFPA compliance.

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 – Snowflake Unified (Snowflake HS – repair fire suppression system)

Staff recommends 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.

Background – Snowflake Unified (Snowflake JHS – repair fire suppression system)

Request 3 of 5

Snowflake Unified has submitted a Building Renewal Grant request to repair the fire suppression system on Buildings 1004 and 1007 at Snowflake Junior High School.

Snowflake Unified, located 173 miles northeast of Phoenix, has six schools. Snowflake Junior High School is comprised of nine buildings constructed between 1962 and 2011, totaling 51,723 square feet. Below is the breakdown for Buildings 1004 and 1007.

Building No.	Year Built	Square Footage
1004	1970	10,131
1007	1962	8,409

The fire suppression system is in need of various repairs. The lowest proposal was \$1,436 to repair the system to bring it into NFPA compliance.

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 – Snowflake Unified (Snowflake JHS – repair fire suppression system)

Staff recommends 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.

Background – Snowflake Unified (Taylor ES – repair fire alarm system) Request 4 of 5

Snowflake Unified has submitted a Building Renewal Grant request to replace five pull stations and reprogram the fire alarm system for Buildings 1004 and 1006 at Taylor Elementary School.

Snowflake Unified, located 173 miles northeast of Phoenix, has six schools. Taylor Elementary School is comprised of seven buildings constructed between 1960 and 2011, totaling 44,405 square feet.

The pull stations are faulty and require replacement. The lowest proposal was \$1,584 to repair the system and bring it into NFPA compliance.

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 – Snowflake Unified (Taylor ES – repair fire alarm system)

Staff recommends 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.

Background – Snowflake Unified (Taylor IS – repair kitchen fire suppression system)
Request 5 of 5

Snowflake Unified has submitted a Building Renewal Grant request to repair the kitchen fire suppression system in Building 1001 at Taylor Intermediate School.

Snowflake Unified, located 173 miles northeast of Phoenix, has six schools. Taylor Intermediate School is comprised of three buildings constructed between 1993 and 2011, totaling 36,128 square feet. Building 1001 was built in 1993, totaling 32,067 square feet.

The kitchen fire suppression system is need of repair. The lowest proposal was \$1,619 to repair the system and bring it into NFPA compliance.

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 – Snowflake Unified (Taylor IS – repair fire suppression system)

Staff recommends 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.

Background – Tolleson Elementary (Sheely Farms ES – replace HVAC compressor)

Tolleson Elementary has submitted a Building Renewal Grant request to replace a compressor in the HVAC unit serving classroom 326 in Building 1001 at Sheely Farms Elementary School.

Tolleson Elementary, located 12 miles west of downtown Phoenix, has four schools. Sheely Farms Elementary School is comprised of two buildings constructed in 2002 and 2010, totaling 101,272 square feet. Building 1001 was built in 2002, totaling 90,788 square feet.

The lowest proposal received for the compressor replacement was \$2,376.

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 – Tolleson Elementary (Sheely Farms ES – replace HVAC compressor)

Staff recommends 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.

Background – Valley Union (Valley Union HS – well repairs)

Valley Union has submitted a Building Renewal Grant request to repair the well at Valley Union High School.

Valley Union, located 117 miles southeast of Tucson, has one school. Valley Union High School is comprised of 11 buildings constructed between 1950 and 2007, totaling 59,812 square feet.

The compressor on the well pump has failed. The district received a proposal of \$2,600 to replace the compressor.

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 – Valley Union (Valley Union HS – well repairs)

Staff recommends 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.

Background – Vernon Elementary (Vernon ES – repair exterior of modular bldg)

Vernon Elementary has submitted a Building Renewal Grant request to replace various wood trim and siding and repaint Modular Building 1002 at Vernon Elementary School.

Vernon Elementary, located 200 miles northeast of Phoenix, has one school. Vernon Elementary School is comprised of six buildings constructed between 1988 and 2012, totaling 24,218 square feet. Building 1002 was built in 1998, totaling 1,440 square feet.

The wood window and siding trim must be replaced and painted due to weather deterioration. The district received a quote for the materials in the amount of \$770. District staff will do the repairs and painting.

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 – Vernon Elementary (Vernon ES – repair exterior of modular bldg)

Staff recommends 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.

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

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.

Attachments: Yes [X] No []

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Scottsdale Unified**
BRG Project Number: **070248292-9999-035BRG**
Project Description: **Repair refrigerant leak**
Consultant: **n/a**
Contractor: **EMCOR Services (602-314-3186)**
Board Approval: **4/1/2015**

Maricopa County

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost (cost estimate provided by architect or contractor)		\$ 4,585
Contingency ①		\$ 315
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 Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 4,900
Total Project Cost:		\$ 4,900

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: 2/18/2015 8:17:40 AM

Application ID: 1843

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: Scottsdale Unified District
Superintendent: David Peterson
Contact Person: Carlos Monreal
Contact Phone Number: 4804848519
Contact Email: cmonreal@susd.org
School Site: Arcadia High School
Buildings: 9999 School Wide

Application Title: Chiller #1

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 9 year old 500 ton centrifugal York chiller #1 has developed leaks at the discharge valve O-rings and relief valves. These repairs necessitate Freon removal to replace fail O-rings and relief valves. The estimate to for the repairs is \$4,185.00. SUSD will provide the additional refrigerant required after the repairs, to complete full charge.

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

DAVID J. PETERSON
Superintendent Printed Name


17FBIS

2/18/2015 8:17:39 AM

1

Application ID: 1843



EMCOR Services Arizona
4125 E Madison
Phoenix, AZ 85034
602.314-3186 • Fax: 602.268 9091

Date: February 11, 2015
Quote #:15-60092

Carlos Monreal
SUSD
9301 E. San Salvador
Scottsdale, Arizona 85257

Jobsite Name: Arcadia High School
Jobsite Address: 4703 E. Indian School Rd
Job Title: Repair refrigerant leak on Chiller 1
Equipment: York Chiller 1

Dear Carlos

EMCOR Services Arizona is pleased to submit our proposal to perform the following scope of work at the above referenced location.

- Lock out and tag out chiller.
- Remove refrigerant, place in EPA containers, and weigh charge.
- Repair leaks on discharge valve. (replace o-rings)
- Remove reliefs and repair leaking o-rings on vessel.
- Replace both relief valves.
- EMCOR will notify SUSD on amount of R-134 needed to bring chiller to full charge.
- SUSD to supply refrigerant.
- Evacuate chiller and reinstall refrigerant.
- Start and check operation

TOTAL COST (Materials and Labor). **\$4,185.00**

Exclusions: Unforeseen system problems

Warranty: 90 days on labor plus manufacturers warranty on parts.

+ \$400.00 tax
\$ 4,585.00

Should upon performance of the above, it be noted that any additional labor and materials are required to place the equipment in proper operational order, you will be notified and your approval obtained prior to proceeding with any additional work

The above referenced price will be held firm for a period of thirty (30 days from the date of this proposal. If you have any questions or require any additional information, please feel free to contact me at 602 515-7103 or 602-685-4628

By: _____

EMCOR Services Arizona
Tom Robins
Account Manager

By: _____

Customer

Accepted date _____

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT****Detail of Additional Cost and Contingency**
X Building Renewal Grant Fund**District:** **Scottsdale Unified****BRG Project Number:** **070248296-9999-036BRG**

Maricopa County

Project Description: **Repair chiller compressor****Consultant:** n/a**Contractor:** Daikin (602-997-0622)**Board Approval:** 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost (cost estimate provided by architect or contractor)		\$ 5,585
Contingency ①		\$ 4,415
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 Share (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: 2/10/2015 1:45:13 PM

Application ID: 1805

Resubmittal Date: 3/5/2015 11:05:02 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: Scottsdale Unified District
Superintendent: David Peterson
Contact Person: Carlos Monreal
Contact Phone Number: 4804848519
Contact Email: cmonreal@susd.org
School Site: Desert Mountain High School
Buildings: 9999 School Wide

Application Title: Chiller 1 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.

Chiller 1 at Desert Mountain High School a 4 year old 500 ton McQuay/Daikin magnetic chiller, stopped working. Upon an inspection by a manufacturer's service technician, it was determined a front end inspection is necessary to ascertain the full extent of failure related to the loading vanes mechanism. The best case scenario would be wiring harness and the worst case a bad compressor. The estimate to remove all refrigerant and perform a front end inspection is \$5,585.00

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
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Please outline any associated insurance coverage.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Superintendent Printed Name



License #: 77049

Proposal

Phoenix District

To: Carlos Monreal

Scottsdale USD
9255 E. San Salvador Drive
Scottsdale, AZ 85258-5518

Phone: 480-484-8519

Email: cmonreal@susd.org

Model: WME0500S

Date: February 9, 2015

Site Name: Desert Mountain High School

Description: *Front end inspection on WME*

Proposal #: SRMVDMR15

Daikin Applied respectfully submits the following solution for your review and approval:

We will provide labor and materials to perform the following:

- Recover the refrigerant and store in approved containers on site.
- Remove the front end of the compressor and inspect the Inlet Guide Vanes.
- This needs to be done so we can quote you the repair.
- This is not a complete tear-down of the compressor.
- Provide the necessary o-rings for the front end of compressor.
- Additional parts and labor if will be quoted if needed.

Feel free to contact me if you have any questions or concerns regarding the information contained in this proposal. If you would like us to proceed with the solution presented above, sign the acceptance line below (including PO# if applicable) and return a copy by fax or mail so that we can begin to mobilize our efforts to complete the project as quickly as possible. We appreciate the opportunity to provide you with this solution and look forward to working with you on this and other projects in the future.

Sincerely,
Daikin Applied

Mike Vella

Mike Vella
Service Sales Representative
Ph: 602-997-0622- Cell 480-271-8016
Fax: 602-997-0670
Email: Michael.vella@daikinapplied.com

DAIKIN APPLIED
Phoenix District

2330 W. Mission Lane, #15
Phoenix, AZ 85021
Phone (602) 997-0622
Fax (602) 997-0670



Proposal

PHOENIX DISTRICT

Exceptions/Exclusions:

1. All work to be performed during "Normal Working Hours".
2. Any and all repairs recommended/required to be quoted separately.

This proposal expires on: **April 10, 2015**

Investment Amount and Billing Terms:

<u>Total Investment Required to Implement the Proposed Solution</u>	
\$5,585.00	<i>Five Thousand Five Hundred Eighty Five Dollars and No Cents</i>
<i>Price includes estimated taxes</i>	

Billing/Payment Terms*:

Billed in full, upon completion

*All billings are due immediately upon receipt

Pricing and acceptance are based upon the Terms and Conditions which are attached.

This proposal is being submitted by Daikin Applied Americas Inc. (hereinafter also referred to as "Daikin Applied".)

Submitted By:

Daikin Applied

Mike Vella

(Name of Signer)

Mike Vella

(Signature)

February 9, 2015

(Date)

Accepted By:

Scottsdale USD

Carlos Monreal

(Name of Signer)

(Signature)

(Title)

Date: _____

Cust PO#: _____

Approved By:

Daikin Applied Americas Inc.

Jeff McIntyre

(Name of Signer)

(Signature)

District Manager

(Title)

Date: _____

Proposal #

SRMVDMR15

DAIKIN APPLIED
Phoenix District
2330 W. Mission Lane, #15
Phoenix, AZ 85021
Phone (602) 997-0622
Fax (602) 997-0670

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District: **Scottsdale Unified**
BRG Project Number: **070248296-9999-037BRG**
Project Description: **Repair HVAC condenser pump**
Consultant: **n/a**
Contractor: **EMCOR Services (602-314-3186)**
Board Approval: **4/1/2015**

Maricopa County

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 7,859
Contingency ①		\$ 141
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.

School Facilities Board
SFB BR 900-08

BUILDING RENEWAL GRANT
Project Application Form

Building Renewal Grant Application

Initial Submission Date: 2/10/2015 2:18:29 PM

Application ID: 1807

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: Scottsdale Unified District
Superintendent: David Peterson
Contact Person: Carlos Monreal
Contact Phone Number: 4804848519
Contact Email: cmonreal@susd.org
School Site: Desert Mountain High School
Buildings: 1010 800

Application Title: Condenser water 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.

Desert Mountain High School has 4 year old condenser water pump for chiller #1 that is leaking water, it should be replaced not repaired, it's been repair under manufacturer's warranty 3 times before during its first year of operation, it is now out of warranty. The cost of repair is \$ 7,859.00 alternately replacement cost is \$ 19,329.17

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

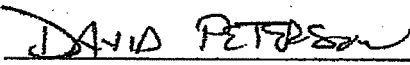
Amount of Local funds planned for this project \$0.00

Please outline any associated insurance coverage.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193


Superintendent Printed Name

10F9815

2/10/2015 2:18:29 PM

1

Application ID: 1807



EMCOR Services Arizona
4050 East Madison
Phoenix, AZ 85034
602.314-3186 • Fax: 602.267-9091

Date: February 4, 2015
Quote #: 15-60072

Carlos Monreal
SUSD
9301 E. San Salvador
Scottsdale, Arizona 85085

Jobsite Name:	Desert Mountain High School
Jobsite Address:	12575 Via Linda
Job Title:	Rebuild Condenser pump # 1
Equipment	Taco 40 Hp TA 203882P-1C

Dear Carlos

EMCOR Services Arizona is pleased to submit our proposal to perform the following scope of work at the above referenced location.

- Lock out and tag out pump.
- Remove all gaskets and clean sealing surfaces.
- Provide and install OEM, sleeves, shaft seals, and new gaskets.
- Re-assemble pump
- Replace coupling insert and align motor.
- Fill and check operation

***Allow 4 weeks for parts**

TOTAL COST \$ 7,859.00

Exclusions: Impeller, wear rings, bearings, pump shaft, machine work, water condition, and overtime

Warranty: 90 days on labor plus manufacturers warranty on parts.

Should upon performance of the above, it be noted that any additional labor and materials are required to place the equipment in proper operational order, you will be notified and your approval obtained prior to proceeding with any additional work.

The above referenced price will be held firm for a period of thirty (30 days from the date of this proposal. If you have any questions or require any additional information, please feel free to contact me at 602 515-7103 or 602-685-4628

By: _____

By: _____

Customer

EMCOR Services Arizona
Tom Robins
Account Manager

Accepted date _____

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT****Detail of Additional Cost and Contingency**
X Building Renewal Grant Fund

District: **Scottsdale Unified**
BRG Project Number: **070248296-1008-038BRG**
Project Description: **Repair chilled water piping**
Consultant: n/a
Contractor: Pueblo Mechanical (800-840-9170)

Maricopa County

Board Approval: 4/1/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 2,388
Contingency ①		\$ 112
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 2,500
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 2,500
Total Project Cost:		\$ 2,500

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: 2/10/2015 1:56:15 PM

Application ID: 1806

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: Scottsdale Unified District
Superintendent: David Peterson
Contact Person: Carlos Monreal
Contact Phone Number: 4804848519
Contact Email: cmonreal@susd.org
School Site: Desert Mountain High School
Buildings: 1008 8000

Application Title: losed loop chilled water leak

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 closed loop at Desert Mountain High School has a leak, it is located on a pipe section of the header located in the tertiary pump mechanical room, repairing the leak is all that is necessary at this point. The cost to repair said section is \$2,387.41

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

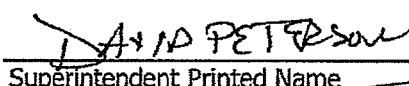
Amount of Local funds planned for this project \$0.00

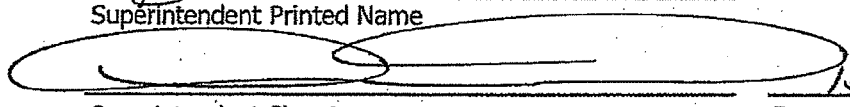
Please outline any associated insurance coverage.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193


Superintendent Printed Name


Superintendent Signature


Date

10 FEB 15

2/10/2015 1:56:14 PM

1

Application ID: 1806



Pueblo

Mechanical &
Controls, Inc.

(800) 840-9170

PROPOSAL - Desert Mountain HS CHW Pipe Repair

**HARD BID SELECT
LIST**

PMC Proposal #:15-02-013

From: Pueblo Mechanical and Controls, Inc.

Date: 2/6/15

Attn: Carlos Monreal
Scottsdale Unified School District # 48
9288 E San Salvador Drive
Scottsdale, AZ 85258

Dear Carlos,

Pueblo Mechanical and Controls appreciates the opportunity to look at this project and is pleased to provide the following scope for **Desert Mountain HS CHW Pipe Repair**.

Scope of Work:

- Drain and prep 2" chilled water line for demo.
- Demo 2" chilled water piping from mechanical room located below the wrestling room up to horizontal section above ceiling in wrestling room.
- Install 16' of 2" grooved black pipe, two (2) grooved elbows, and five (5) couplings. **Work is located within the wall behind sheet rock, district personnel will be responsible for removing (as needed) and replacing sheet rock.**
- Install new insulation with canvas jacketing.
- Re-fill pipe, leak check pipe, and purge air from pipe.
- 2 year warranty

We Exclude The Following:

- Repair or replacement of any existing device found to be inoperable.
- Chemical treatment (if needed)
- Engineering, permits and fees.
- Asbestos abatement, testing, reporting.
- Any work not included in scope of work listed above.

Complete material, service, and labor sub total:	\$	2,374.56
MRRA AZDR Mandated approximate applicable taxes:	\$	12.85
Bonding:	\$	0.00

Total Cost:	\$	2,387.41
--------------------	-----------	-----------------

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



(800) 840-9170

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.

We look forward to providing this important service please call if you have any questions.

Best Regards,

Dan Moon
Pre Construction Manager
Business: (800) 840-9170 Ext: 111 / 203
Cellular: (520) 668-5144
dan@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

www.pueblo-mechanical.com

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: **Scottsdale Unified**
BRG Project Number: **070248298-1008-039BRG**
Project Description: **Replace HVAC split system**
Consultant: **n/a**
Contractor: **American Refrigeration Supplies (480-894-1998)**
Board Approval: **4/1/2015**

Maricopa County

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 1,387
Contingency ①		\$ -
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 1,387
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 1,387
Total Project Cost:		\$ 1,387

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: 2/18/2015 8:19:50 AM

Application ID: 1844

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: Scottsdale Unified District
Superintendent: David Peterson
Contact Person: Carlos Monreal
Contact Phone Number: 4804848519
Contact Email: cmonreal@susd.org
School Site: Tonalea (formerly ECC-Oak and Sierra Vista Academy)
Buildings: 1008 500

Application Title: IDF 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.

The mini-split air conditioning unit for intermediate distribution frame room in the 500 building has a bad controller board which is no longer available, this model has been completely phased out. A replacement 1 ton 13 SEER R410-A replacement cost is \$1386.52. SUSD will provide the necessary labor to replace it.

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

DAVID J. PETERSON
Superintendent Printed Name


Superintendent Signature

17 FEB 18
Date

2/18/2015 8:19:49 AM

1

Application ID: 1844

Remit To: AMERICAN REFRIGERATION SUPPLIES, INC. ARS
 P.O. Box 21127 Store(480)894-1998
 Phoenix, AZ 85036 Corp(602)243-2792

QUOTATION
 Order#: 8080814-00
 Date: 02/10/15
 Terms: Net 10thProx
 1500280

Bill To: SCOTTSDALE USD #48
 3811 N 44TH ST
 ATTN: ACCOUNTING DEPT
 PHOENIX, AZ 85018-5420

PO:
 Inst:
 FOB: ARS #8 - Tempe L199
 Via: Date:

Ship To: SCOTTSDALE USD / SUPPLIES
 9288 E SAN SALVADOR

Cust#: 659

SCOTTSDALE, AZ 85258

Ln#	Part Number/Description	UM	Qty	Ord	Qty Ship	Qty B.O.	Price	Total
1	MU-A12WA-1	each	1				744.00 *	744.00
	COND UNIT 1 TON 13 SEER 115 R410A							
2	MS-A12WA-1	each	1				391.37 *	391.37
	AIR HANDLER WALL MOUNT 12000 R410A 115							
3	MLS141212T-30	each	1				147.25 *	147.25
	LINE SET 30' 1/4 X 1/2 X 1/2 INSULATION							

3 Lines Total

Total 1,282.62
 Taxes * 103.90
 Invoice Total 1,386.52

11 QUOTE FOR TONALER
 ROOM 509 IDF ROOM 11
 # (WO) 55803

ONLY ONE 115V UNIT LEFT

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District: **Scottsdale Unified**
BRG Project Number: **070248294-9999-040BRG**
Project Description: **Replace chiller filter power module**
Consultant: **n/a**
Contractor: **Johnson Controls (480-894-9193)**
Board Approval: **4/1/2015**

Maricopa County

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 14,204
Contingency ①		\$ 796
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
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: 2/18/2015 8:21:44 AM

Application ID: 1845

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: Scottsdale Unified District

Superintendent: David Peterson

Contact Person: Carlos Monreal

Contact Phone Number: 4804848519

Contact Email: cmonreal@susd.org

School Site: Saguaro High School

Buildings: 9999 School Wide

Application Title: Chiller #2

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 9 year old 500 ton centrifugal York Chiller #2, has a bad Filter Power Module. This module is critical to the facility, as it prevents electrical noise created from the Variable Speed Drive to infiltrate the line side of the service entrance section, and ultimately affect all microprocessor driven processes in the campus as well as electrical motors. The replacement cost is \$ 14,203.92.

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

DAVID J. PETERSON

Superintendent Printed Name



17 FEB 18



Proposal

Phoenix AZ Common Branch - 0N0J
2032 W 4TH ST
TEMPE AZ 85281-7206
PH: (480) 894 9193
FAX: (480) 967 5213

TO: **Carlos Monreal**
Scottsdale Unified School District
E.M.S. Supervisor

Date: 2/10/2015

Quote Ref: 1-8F3XZ28
Project Name: Remove and Replace Filter Power Module
Site: SCOTTSDALE UNIFIED SCHOOL
DISTRICT 48
3811 N 44TH ST
PHOENIX, AZ 85018-5420

ATTN: NxGen_Contact Customer Rep 1-3NT-3984

We propose to furnish the materials and/or perform the work below for the net price of: \$14,203.92

For the above price this proposal includes:

Remove and replace Filter Power Module On Ciller : YKFQFRQ7-CNG
Part # 371-02768-401. Start and test operation of chiller.

This proposal DOES NOT include:

1. Labor or material not specifically described above is excluded from this proposal.
2. Unless otherwise stated, any and all overtime labor is excluded from this proposal.
3. Special freight charges are excluded from this proposal.

Important: This proposal incorporates by reference the Terms and Conditions attached

This proposal is hereby accepted and
Johnson Controls is authorized to proceed
with the work, subject to credit approval by
Johnson Controls, Inc. Milwaukee, WI.

This proposal is valid through: 3/12/2015

SCOTTSDALE UNIFIED SCHOOL DISTRICT 48

Johnson Controls

Signature: _____
Name: _____
Title: _____
Date: _____
PO: _____

Signature: _____
Name: Trevor Curdy
Title : Chiller Team Foreman
Date: 2-10-2014

(IMPORTANT): This proposal incorporates by reference the terms and conditions which are attached to this document. All work is to be performed Monday through Friday during normal JCI business hours unless otherwise noted. This proposal, or any accepted alternates, are hereby accepted and Johnson Controls is authorized to proceed with the work; subject, however, to credit approval by Johnson Controls, Inc., Milwaukee, Wisconsin

TERMS AND CONDITIONS

By accepting this proposal, Purchaser agrees to be bound by the following terms and conditions:

1. SCOPE OF WORK. This proposal is based upon the use of straight time labor only. Plastering, patching, and painting are excluded. 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 Johnson, shall be distributed and installed by others under Johnson's supervision but at no additional cost to Johnson. Purchaser agrees to provide Johnson with required field utilities (electricity, toilets, drinking water, project hoist, elevator service, etc.) without charge. Johnson agrees to keep the job site clean of debris arising out of its own operations. Purchaser shall not back charge Johnson for any costs or expenses without Johnson's written consent. Unless specifically noted in the statement of the scope of work or services undertaken by JCI under this agreement, JCI's obligations under this agreement expressly exclude 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 JCI shall not operate to compel JCI to perform any work relating to Hazards without JCI's express written consent.

2. INVOICE AND PAYMENTS. Johnson may invoice Purchaser monthly for all materials delivered to the job site or to an off-site storage facility and for all work performed on-site and off-site. Purchaser shall pay Johnson at the time purchaser signs this agreement an advance payment equal to 10% of the contract price, which advance payment shall be credited against the final payment (but not any progress payment) due here in under and purchaser Johnson additional amounts invoiced upon receipt of the invoice. Waivers of lien will agree to pay be furnished upon request, as the work progresses, to the extent payments are received. If Johnson's invoice is not paid within 30 days of its issuance, it is delinquent.

3. MATERIALS. If the materials or equipment included in this proposal become temporarily or permanently unavailable for reasons beyond the control and without the fault of Johnson, then in the case of such temporary unavailability, the time for performance of the work shall be extended to the extent thereof, and in the case of permanent unavailability, Johnson 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 reasonably available substitute therefore.

4. EQUIPMENT WARRANTY. Johnson Controls, Inc (JCI) warrants that equipment manufactured or labeled by Johnson Controls, Inc. shall be free from defects in material and workmanship arising from normal usage for a period of one year. Only if JCI installs or furnishes a piece of equipment under this Agreement, and that equipment is covered by a warranty from a manufacturer other than JCI, JCI will transfer the benefits of that manufacturer's warranty to Customer. All transportation charges incurred in connection with the warranty for equipment and/or materials not installed by JCI shall be borne by Customer. These warranties shall not extend to any equipment that has been abused, altered, misused or repaired by Customer or third parties without the supervision of and prior written approval of JCI, or if JCI serial numbers or warranty date decals have been removed or altered. Customer must promptly report any failure of the equipment to JCI in writing.

5. LABOR WARRANTY. Johnson Controls, Inc. (JCI) warrants its workmanship or that of its agents (Technicians) in relation to installation of equipment for a period of ninety (90) days from date of installation. Customer shall bear all labor costs associated with replacement of failed equipment still under JCI's equipment warranty or the original manufacturer's warranty, but outside the terms of this express labor warranty. All warranty labor shall be executed on normal business days during JCI normal business hours. These warranties do not extend to any equipment which has been repaired by others, abused, altered, or misused in any way, or 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 MERCHANTABILITY AND FITNESS FOR A SPECIFIC PURPOSE. UNDER NO CIRCUMSTANCES SHALL JCI BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES ARISING FROM OR RELATING TO ANY DEFECT IN MATERIAL OR WORKMANSHIP OF EQUIPMENT OR THE PERFORMANCE OF SERVICES.

6. LIABILITY. Johnson 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.

7. TAXES. The price of this proposal does not include duties, sales, use, excise, or other taxes, unless required by federal, state, or local law. Purchaser shall pay, in addition to the stated price, all taxes not legally required to be paid by Johnson or, alternatively, shall provide Johnson with acceptable tax exemption certificates. Johnson shall provide purchaser with any tax payment certificate upon request and after completion and acceptance of the work.

8. DELAYS. Johnson shall not be liable for any delay in the performance of the work resulting from or attributed to acts of circumstance beyond Johnson's control, including but not limited to; acts of God, fire, riots, labor disputes, conditions of the premises, acts or omissions of the Purchaser, Owner, or other Contractors or delays caused by suppliers or subcontractors of Johnson, etc.

9. COMPLIANCE WITH LAWS. Johnson shall comply with all applicable federal, state, and local laws and regulations, and shall obtain all temporary licenses and permits required for the prosecution of the work. Licenses and permits a permanent nature shall be procured and paid for by the Purchaser.



10. DISPUTES. All disputes involving more than \$15,000.00 shall be resolved by arbitration in accordance with the rules of the American Arbitration Association. The prevailing party shall recover all legal costs and attorneys fees incurred as a result. Nothing here shall limit any rights under construction lien laws.

11. INSURANCE. Insurance coverage in excess of Johnson's standard limits will be furnished when requested and required. No credit will be given or premium paid by Johnson for insurance afforded by others.

12. 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 the work herein specified and which are caused, by the negligent act or omission of the indemnifying Party.

13. 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 Act relating in any way to the project or project site.

14. ENTIRE AGREEMENT. This proposal, upon acceptance, shall constitute the entire agreement between the parties and supersedes any prior representations or understandings.

15. CHANGES. No change or modification of any of the terms and conditions stated herein shall be binding upon JCI unless accepted by JCI in writing.

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Sentinel Elementary**
BRG Project Number: **070371101-1009-001BRG**
Project Description: **Roof replacement**
Architect: **n/a**
Contractor: **Progressive Roofing (602-278-4900)**

Maricopa County

Board approval: 4/1/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ 14,000
Contingency ①		\$ 4,000
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 18,000
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 18,000
Total Project Cost:		\$ 18,000

① Contingency may only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 2/27/2015 9:27:26 AM

Application ID: 1864

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: Sentinel Elementary District
Superintendent: Christopher Maynes
Contact Person: Christopher Maynes
Contact Phone Number: 602-390-6721
Contact Email: christophermaynes@yahoo.com
School Site: Sentinel Elementary School
Buildings: 1009 Replacement Building

Application Title: Roof 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.

Roof failed and created large leak into the kitchen area and classroom. The Trust is covering only the damage below the roof. The roof is in need of extensive repair. Estimated cost is \$12,000.00-15,000.00.

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.

The Trust is covering the damage below the roof in the kitchen and classroom areas, which cannot be repaired until the damage to the roof is repaired. The roof is in need of extensive repair.

Liaison: Breuer gbreuer@azsfb.gov 602-542-6139

Superintendent Printed Name

Superintendent Signature

Date



PROGRESSIVE ROOFING



March 20, 2015

To: Sentinal Elementary
Attn: Mr. Christopher Maynes; christophermaynes@yahoo.com
Re: Sentinel Elementary School District
Mechanical Well Roof Replacement

Christopher,

Please see the proposal below for the Mechanical Well Roof Replacement presently being considered:

Scope of Work:

- 1) Tear-off the existing single-ply membrane and insulation to the wood deck and dispose of all material on a daily basis
- 2) Remove all single-ply base flashing
- 3) Install one layer of 1.5" isocyanurate & mechanically attach 1/4" high density coverboard
- 4) Fully adhere new 60 mil TPO single-ply membrane
- 5) Fully adhere new 60 mil base flashing
- 6) Wrap walls with new fully adhered single-ply base flashings
- 7) Install new coping and counter flashing
- 8) Install walk pad material around the equipment curb
- 9) Flash all projections in accordance with manufacturer's 20 year warranty requirements
- 10) Furnish manufacturer's 20 year warranty and contractors 5 year warranty
- 11) Install new pads under piping and communication equipment
- 12) Include required structural engineering report

Price: \$14,000.00 (includes tax)

Sincerely,

Mark Farrell

Mark Farrell
President
Progressive Roofing

PROGRESSIVE SERVICES, INC. D.B.A. PROGRESSIVE ROOFING

047565 C-42 (AZ)
073961 L-42 (AZ)
082792 BE (AZ)
577294 B, C39, 43 (CA)

23 N. 35th Avenue • Phoenix, AZ 85009
(602) 278-4900 • fax (602) 278-6896

54577 (LA)
160960 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
X Building Renewal Grant Fund

District:

Snowflake Unified

BRG Project Number:

090205006-1005-004BRG

Navajo County

Project Description:

Repair fire alarm and suppression system

Architect of Record:

n/a

Contractor:

Western States Fire Protection Co. (602-272-2200)

Board approval:

4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 2,272
Contingency ①		\$ 228
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 2,500
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 2,500
Total Project Cost:		\$ 2,500

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 2/12/2015 10:59:16 AM

Application ID: 1815

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: Snowflake Unified District
Superintendent: Hollis Merrell
Contact Person: Mark Ollerton
Contact Phone Number: 928.536.4156
Contact Email: marko@snowflake.az.us, darrenp@snowflake.k12.az.us
School Site: Highland Primary School
Buildings: 1005 ADMIN / CLASSROOMS

Application Title: Fire Alarm System 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.

Upon the completion of our annual fire inspection, several items were found that need to be addressed. After discussing this with our SFB liaison, several things were determined to be regular maintenance issues. For those that are not regular maintenance issues we are requesting funding from the SFB to cover the cost of repairs. Attached is annual inspection report, and scope of work being performed for requested funding.

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.

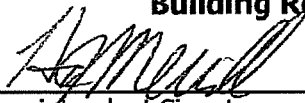
This is not an insurance claim. There are no additional funding sources available outside of what is already committed by the district capital budget.

Liaison: Cruse pcruse@azsfb.gov 602-364-1193

Hollis Merrell

Superintendent Printed Name

Building Renewal Grant Application



Superintendent Signature

3-12-14
Date



4346 East Elwood St.
Suite 100
Phoenix, AZ 85040
Phone: (602) 272-2200
Fax: (602) 272-7972
E-mail: david.cox@wsfp.us
Website: http://wsfp.com

Service & Repair Proposal and Agreement

Subject to all terms, conditions, and limitations specified in this Agreement, **Highland Primary** ("Customer") hereby engages Western States Fire Protection Co. ("Company") to perform services at the premises specified in Section I below (the "Property"), subject to all terms, conditions and limitations specified in this Agreement

SECTION I – CUSTOMER & PROPERTY INFORMATION

Date: 2/10/2015

Bid # SFB

Attention: Darren Perkins

Property: Highland Primary
Address: 360 W. Rogers
Snowflake, Az.
85937

Billing Address if different than property location:

Phone: (928)536-4156

Fax:

E-mail: darrenp@snowflake.k12.az.us

If Customer is not the owner of the Property (i) Customer represents, warrants and covenants to Company that Customer is authorized by the owner to enter into this Agreement and allow Company to access the Property and perform the services described below, and (ii) Customer authorizes Company to communicate the results of any inspection directly to the owner.

SECTION II – SCOPE OF WORK

Remove and replace FACP annunciator that fails to illuminate and program as required.
Replace pressure guages on riser that are past due calibration.

INCLUSIONS:

Time and Material per scope

EXCLUSIONS:

Does not include any repairs that may be identified at the time of service.

SECTION III – PAYMENT

WE PROPOSE Hereby to furnish material and labor – complete in accordance with the above scope of work for the sum of:

Two thousand two hundred seventy two DOLLARS, (\$2272.00)

PAYMENT to be made MONTHLY as the work progresses to the value of 100% percent of all work complete and material on job site. The entire amount of the contract is to be paid within 30 days after completion.

Company will issue an invoice promptly upon completion of each inspection. Customer will pay each invoice in full, without any setoff or deduction whatsoever, no later than 30 days after receipt of invoice. Any amounts past due will be subject to a finance

charge equal to the lesser of 1.5% per month or the maximum legal rate. Customer agrees to reimburse Company for all costs of collection, including attorneys' fees.

SECTION IV – LIMITATION OF WESTERN STATES FIRE PROTECTION COMPANY LIABILITY

Customer acknowledges that Company is not an insurer and that the payments made to Company by Customer on this project are based upon the value of the system and/or services provided and are unrelated to the value of the Customer's property or business.

In recognition of the relative risks and benefits to the Customer and Company resulting from the work to be performed by Company, the risks have been allocated such that the Customer, as well as the Customer's assigns, agents and representatives, agree, to the fullest extent permitted by law, to limit the liability of Company, its' officers, directors, employees or Company's parent, subsidiaries, affiliates, consultants, subcontractors, vendors, to a maximum of \$10,000 or the amount of the contract/price of work to be performed, whichever is less, and Customer does hereby release Company from any claim in excess of said limit. This limitation of liability shall apply to all judgments, claims, liability, cost, claim expenses, and all other damages or losses of any nature sustained by Customer, contractor or subcontractors, or any other party claiming by or through them. This limitation of liability shall be enforceable, 1) Regardless of the amount of any actual damages sustained, if any, as a result of this work; and 2) even if the loss or damage in issue is caused or alleged to be caused by the negligence, breach of warranty, defective products, violations of the deceptive trade practices act, or other fault of Company or Company's parent, subsidiaries, affiliates, consultants, subcontractors, vendors, or their respective employees, agents or representatives. Should Customer desire a different limitation of liability, such is available as an additional service at an additional cost.

The Company is NOT responsible for any damages due to: (1) incompatibility of materials within a CPVC piping system, or, (2) corrosion or deterioration of piping due to Customer's water supply, atmospheric conditions, soil quality, or any other condition at Customer's facility that adversely affects the integrity of the fire protection system.

If payment for work provided in this agreement is not paid when due, Customer agrees to pay all costs of collection including attorneys fees as well as interest computed at the highest rate allowable by applicable state law.

This Agreement constitutes the entire Agreement between Company and Customer regarding the subject matter hereof and supersedes all prior agreements and understandings relating thereto. Although Customer for its convenience or in furtherance of its internal procedures may issue to Company a purchase order, order acknowledgement or similar form in connection with the services provided pursuant to this Agreement, no term or condition in any such form that is different from or in addition to the terms set forth in this Agreement shall be applicable, and all such different or additional terms shall be ineffective and void. This Agreement cannot be amended or modified except by a writing signed by Customer and Company.

SECTION V: ACCEPTANCE AND SIGNATURE

Customer: ***Darren Perkins***

Western States Fire Protection Co.

SIGNATURE: _____

SIGNATURE: _____

NAME: _____

NAME: **David Cox Service & Inspection Sales**

TITLE: _____

Western States Fire Protection

DATE: _____

E-MAIL: **david.cox@wsfp.us**

By signing above, Customer acknowledges that it has reviewed, understands and agrees to all terms and conditions of this Agreement including, without limitation, the Scope(s) of Work furnished by Company with this Agreement.

The service or repair fee quoted is for acceptance within thirty (30) days from Company's presentation of this Agreement to Customer. If not accepted by Customer within such 30-day period, Company will be pleased to submit a revised quotation. Agreement is not binding on Company until credit approval for Customer is issued by Company. If required, a Credit Application is attached.

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District:

Snowflake Unified

BRG Project Number:

090205005-9999-005BRG

Navajo County

Project Description:

Repair fire suppression system

Architect of Record:

n/a

Contractor:

Western States Fire Protection Co. (602-272-2200)

Board approval:

4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 3,869
Contingency ①		\$ 131
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 4,000
District or 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: 2/12/2015 10:58:31 AM

Application ID: 1811

Resubmittal Date: 3/13/2015 8:12:26 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: Snowflake Unified District

Superintendent: Hollis Merrell

Contact Person: Mark Ollerton

Contact Phone Number: 928.536.4156

Contact Email: marko@snowflake.k12.az.us; darrenp@snowflake.k12.az.us

School Site: Snowflake High School

Buildings:	1001	100
	1002	200
	1005	500
	1006	600
	1007	700
	1014	1400
	1020	Library, classroom
	1021	West classrooms
	1022	900
	1026	1001

Application Title: Fire Alarm System 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.

Upon the completion of our annual fire inspection, several items were found that need to be addressed. After discussing this with our SFB liaison, several things were determined to be regular maintenance issues. For those that are not regular maintenance issues we are requesting funding from the SFB to cover the cost of repairs. Attached is annual inspection report, and scope of work being performed for requested funding.

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

Building Renewal Grant Application

Amount of Local funds planned for this project
--

\$0.00

Please outline any associated insurance coverage.

This is not an insurance claim. There are no additional funding sources available outside of what is already committed by the district capital budget.
--

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Superintendent Printed Name

Superintendent Signature

Date



4346 East Elwood St.
Suite 100
Phoenix, AZ 85040
Phone: (602) 272-2200
Fax: (602) 272-7972
E-mail: david.cox@wsfp.us
Website: http://wsfp.com

Service & Repair Proposal and Agreement

Subject to all terms, conditions, and limitations specified in this Agreement, **Snowflake High School** ("Customer") hereby engages Western States Fire Protection Co. ("Company") to perform services at the premises specified in Section I below (the "Property"), subject to all terms, conditions and limitations specified in this Agreement

SECTION I – CUSTOMER & PROPERTY INFORMATION

Date: 2/5/2015

Bid # SFB

Attention: Darren Perkins

Property: Snowflake High School

Billing Address if different than property location:

Address: 220 S. 2nd. St.
Snowflake, Az.
85937

Phone: (928)536-4156

Fax:

E-mail: darrenp@snowflake.k12.az.us

If Customer is not the owner of the Property (i) Customer represents, warrants and covenants to Company that Customer is authorized by the owner to enter into this Agreement and allow Company to access the Property and perform the services described below, and (ii) Customer authorizes Company to communicate the results of any inspection directly to the owner.

SECTION II – SCOPE OF WORK

Replace corroded 6" control valve in mechanical room. replace 11 outdated pressure guages, and replace two painted heads in the gymnasium. Install head wrench in spare head box. Flush and cap FDC's.

INCLUSIONS:

Time and material per scope

EXCLUSIONS:

Does not include any additional repairs that may be identified at the time of service.

Lift rental if needed.

SECTION III – PAYMENT

WE PROPOSE Hereby to furnish material and labor – complete in accordance with the above scope of work for the sum of:

Three thousand eight hundred sixty nine DOLLARS, (\$3869.00)

PAYMENT to be made MONTHLY as the work progresses to the value of 100% percent of all work complete and material on job site. The entire amount of the contract is to be paid within 30 days after completion.

Company will issue an invoice promptly upon completion of each inspection. Customer will pay each invoice in full, without any setoff or deduction whatsoever, no later than 30 days after receipt of invoice. Any amounts past due will be subject to a finance charge equal to the lesser of 1.5% per month or the maximum legal rate. Customer agrees to reimburse Company for all costs of collection, including attorneys' fees.

SECTION IV – LIMITATION OF WESTERN STATES FIRE PROTECTION COMPANY LIABILITY

Customer acknowledges that Company is not an insurer and that the payments made to Company by Customer on this project are based upon the value of the system and/or services provided and are unrelated to the value of the Customer's property or business.

In recognition of the relative risks and benefits to the Customer and Company resulting from the work to be performed by Company, the risks have been allocated such that the Customer, as well as the Customer's assigns, agents and representatives, agree, to the fullest extent permitted by law, to limit the liability of Company, its' officers, directors, employees or Company's parent, subsidiaries, affiliates, consultants, subcontractors, vendors, to a maximum of \$10,000 or the amount of the contract/price of work to be performed, whichever is less, and Customer does hereby release Company from any claim in excess of said limit. This limitation of liability shall apply to all judgments, claims, liability, cost, claim expenses, and all other damages or losses of any nature sustained by Customer, contractor or subcontractors, or any other party claiming by or through them. This limitation of liability shall be enforceable, 1) Regardless of the amount of any actual damages sustained, if any, as a result of this work; and 2) even if the loss or damage in issue is caused or alleged to be caused by the negligence, breach of warranty, defective products, violations of the deceptive trade practices act, or other fault of Company or Company's parent, subsidiaries, affiliates, consultants, subcontractors, vendors, or their respective employees, agents or representatives. Should Customer desire a different limitation of liability, such is available as an additional service at an additional cost.

The Company is NOT responsible for any damages due to: (1) incompatibility of materials within a CPVC piping system, or, (2) corrosion or deterioration of piping due to Customer's water supply, atmospheric conditions, soil quality, or any other condition at Customer's facility that adversely affects the integrity of the fire protection system.

If payment for work provided in this agreement is not paid when due, Customer agrees to pay all costs of collection including attorneys fees as well as interest computed at the highest rate allowable by applicable state law.

This Agreement constitutes the entire Agreement between Company and Customer regarding the subject matter hereof and supersedes all prior agreements and understandings relating thereto. Although Customer for its convenience or in furtherance of its internal procedures may issue to Company a purchase order, order acknowledgement or similar form in connection with the services provided pursuant to this Agreement, no term or condition in any such form that is different from or in addition to the terms set forth in this Agreement shall be applicable, and all such different or additional terms shall be ineffective and void. This Agreement cannot be amended or modified except by a writing signed by Customer and Company.

SECTION V: ACCEPTANCE AND SIGNATURE

Customer: ***Darren Perkins***

Western States Fire Protection Co.

SIGNATURE: _____

SIGNATURE: _____

NAME: _____

NAME: **David Cox Service & Inspection Sales**

TITLE: _____

Western States Fire Protection

DATE: _____

E-MAIL: **david.cox@wsfp.us**

By signing above, Customer acknowledges that it has reviewed, understands and agrees to all terms and conditions of this Agreement including, without limitation, the Scope(s) of Work furnished by Company with this Agreement.

The service or repair fee quoted is for acceptance within thirty (30) days from Company's presentation of this Agreement to Customer. If not accepted by Customer within such 30-day period, Company will be pleased to submit a revised quotation. Agreement is not binding on Company until credit approval for Customer is issued by Company. If required, a Credit Application is attached.

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District: **Snowflake Unified**
BRG Project Number: **090205003-9999-006BRG** Navajo County
Project Description: **Repair fire suppression system**
Architect of Record: **n/a**
Contractor: **Western States Fire Protection Co. (602-272-2200)**
Board approval: **4/1/2015**

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 1,436
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:		\$ 1,636
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 1,636
Total Project Cost:		\$ 1,636

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 2/12/2015 10:59:29 AM

Application ID: 1816

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: Snowflake Unified District
Superintendent: Hollis Merrell
Contact Person: Mark Ollerton
Contact Phone Number: 928.536.4156
Contact Email: marko@snowflake.k12.az.us, darrenp@snowflake.k12.az.us
School Site: Snowflake Junior High School
Buildings:
1004 400
1007 700

Application Title: Fire Alarm System 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.

Upon the completion of our annual fire inspection, several items were found that need to be addressed. After discussing this with our SFB liaison, several things were determined to be regular maintenance issues. For those that are not regular maintenance issues we are requesting funding from the SFB to cover the cost of repairs. Attached is annual inspection report, and scope of work being performed for requested funding.

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

Please outline any associated insurance coverage.

This is not an insurance claim. There are no additional funding sources available outside of what is already committed by the district capital budget.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Hollis Merrell

Superintendent Printed Name

Building Renewal Grant Application



Superintendent Signature

3-12-15

Date



4346 East Elwood St.
Suite 100
Phoenix, AZ 85040
Phone: (602) 272-2200
Fax: (602) 272-7972
E-mail: david.cox@wsfp.us
Website: http://wsfp.com

Service & Repair Proposal and Agreement

Subject to all terms, conditions, and limitations specified in this Agreement, **Snowflake Jr. High** ("Customer") hereby engages Western States Fire Protection Co. ("Company") to perform services at the premises specified in Section I below (the "Property"), subject to all terms, conditions and limitations specified in this Agreement

SECTION I – CUSTOMER & PROPERTY INFORMATION

Date: 2/5/2015

Bid # SFB

Attention: Darren Perkins

Property: Snowflake Jr. High
Address: 682 School Bus Ln.
Snowflake, Az.
85397

Billing Address if different than property location:

Phone: (928)536-4156

Fax:

E-mail: darrenp@snowflake.k12.az.us

If Customer is not the owner of the Property (i) Customer represents, warrants and covenants to Company that Customer is authorized by the owner to enter into this Agreement and allow Company to access the Property and perform the services described below, and (ii) Customer authorizes Company to communicate the results of any inspection directly to the owner.

SECTION II – SCOPE OF WORK

Perform five year obstruction inspections on piping, replace non UL-listed hangers, Install pressure guages on riser.

INCLUSIONS:

Time and material per scope

EXCLUSIONS:

Does not include any additional repairs that may be identified at the time of service.

Does not include and water shut down fees or lift charges.

SECTION III – PAYMENT

WE PROPOSE Hereby to furnish material and labor – complete in accordance with the above scope of work for the sum of:

One thousand four hundred thirty five DOLLARS, (\$1435.80)

PAYMENT to be made **MONTHLY** as the work progresses to the value of **100%** percent of all work complete and material on job site. The entire amount of the contract is to be paid within **30** days after completion.

Company will issue an invoice promptly upon completion of each inspection. Customer will pay each invoice in full, without any setoff or deduction whatsoever, no later than 30 days after receipt of invoice. Any amounts past due will be subject to a finance charge equal to the lesser of 1.5% per month or the maximum legal rate. Customer agrees to reimburse Company for all costs of collection, including attorneys' fees.

SECTION IV – LIMITATION OF WESTERN STATES FIRE PROTECTION COMPANY LIABILITY

Customer acknowledges that Company is not an insurer and that the payments made to Company by Customer on this project are based upon the value of the system and/or services provided and are unrelated to the value of the Customer's property or business.

In recognition of the relative risks and benefits to the Customer and Company resulting from the work to be performed by Company, the risks have been allocated such that the Customer, as well as the Customer's assigns, agents and representatives, agree, to the fullest extent permitted by law, to limit the liability of Company, its officers, directors, employees or Company's parent, subsidiaries, affiliates, consultants, subcontractors, vendors, to a maximum of \$10,000 or the amount of the contract/price of work to be performed, whichever is less, and Customer does hereby release Company from any claim in excess of said limit. This limitation of liability shall apply to all judgments, claims, liability, cost, claim expenses, and all other damages or losses of any nature sustained by Customer, contractor or subcontractors, or any other party claiming by or through them. This limitation of liability shall be enforceable, 1) Regardless of the amount of any actual damages sustained, if any, as a result of this work; and 2) even if the loss or damage in issue is caused or alleged to be caused by the negligence, breach of warranty, defective products, violations of the deceptive trade practices act, or other fault of Company or Company's parent, subsidiaries, affiliates, consultants, subcontractors, vendors, or their respective employees, agents or representatives. Should Customer desire a different limitation of liability, such is available as an additional service at an additional cost.

The Company is NOT responsible for any damages due to: (1) incompatibility of materials within a CPVC piping system, or, (2) corrosion or deterioration of piping due to Customer's water supply, atmospheric conditions, soil quality, or any other condition at Customer's facility that adversely affects the integrity of the fire protection system.

If payment for work provided in this agreement is not paid when due, Customer agrees to pay all costs of collection including attorneys fees as well as interest computed at the highest rate allowable by applicable state law.

This Agreement constitutes the entire Agreement between Company and Customer regarding the subject matter hereof and supersedes all prior agreements and understandings relating thereto. Although Customer for its convenience or in furtherance of its internal procedures may issue to Company a purchase order, order acknowledgement or similar form in connection with the services provided pursuant to this Agreement, no term or condition in any such form that is different from or in addition to the terms set forth in this Agreement shall be applicable, and all such different or additional terms shall be ineffective and void. This Agreement cannot be amended or modified except by a writing signed by Customer and Company.

SECTION V: ACCEPTANCE AND SIGNATURE

Customer: ***Darren Perkins***

Western States Fire Protection Co.

SIGNATURE: _____

SIGNATURE: _____

NAME: _____

NAME: **David Cox Service & Inspection Sales**

TITLE: _____

Western States Fire Protection

DATE: _____

E-MAIL: **david.cox@wsfp.us**

By signing above, Customer acknowledges that it has reviewed, understands and agrees to all terms and conditions of this Agreement including, without limitation, the Scope(s) of Work furnished by Company with this Agreement.

The service or repair fee quoted is for acceptance within thirty (30) days from Company's presentation of this Agreement to Customer. If not accepted by Customer within such 30-day period, Company will be pleased to submit a revised quotation. Agreement is not binding on Company until credit approval for Customer is issued by Company. If required, a Credit Application is attached.

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District: **Snowflake Unified**
BRG Project Number: 090205002-9999-007BRG Navajo County
Project Description: Repair fire alarm system
Architect of Record: n/a
Contractor: Western States Fire Protection Co. (602-272-2200)
Board approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 1,584
Contingency ①		\$ 416
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 2,000
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: 2/12/2015 10:58:51 AM

Application ID: 1813

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: Snowflake Unified District

Superintendent: Hollis Merrell

Contact Person: Mark Olerton

Contact Phone Number: 928.536.4156

Contact Email: marko@snowflake.k12.az.us, darrenp@snowflake.k12.az.us

School Site: Taylor Elementary School

Buildings:

1004	400
1006	600

Application Title: Fire Alarm System 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.

Upon the completion of our annual fire inspection, several items were found that need to be addressed. After discussing this with our SFB liaison, several things were determined to be regular maintenance issues. For those that are not regular maintenance issues we are requesting funding from the SFB to cover the cost of repairs. Attached is annual inspection report, and scope of work being performed for requested funding.

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

Please outline any associated insurance coverage.

This is not an insurance claim. There are no additional funding sources available outside of what is already committed by the district capital budget.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Hollis Merrell
Superintendent Printed Name

Building Renewal Grant Application



Superintendent Signature

3-12-15
Date



4346 East Elwood St.
Suite 100
Phoenix, AZ 85040
Phone: (602) 272-2200
Fax: (602) 272-7972
E-mail: david.cox@wsfp.us
Website: <http://wsfp.com>

Service & Repair Proposal and Agreement

Subject to all terms, conditions, and limitations specified in this Agreement, **Taylor Elementary** ("Customer") hereby engages Western States Fire Protection Co. ("Company") to perform services at the premises specified in Section I below (the "Property"), subject to all terms, conditions and limitations specified in this Agreement

SECTION I – CUSTOMER & PROPERTY INFORMATION

Date: 2/5/2015

Bid # SFB

Attention: Darren Perkins

Property: Taylor Elementary
Address: 300 S. 29th S
Taylor, Az.
85939

Billing Address if different than property location:

Phone: (928)536-4156

Fax:

E-mail: darrenp@snowflake.k12.az.us

If Customer is not the owner of the Property (i) Customer represents, warrants and covenants to Company that Customer is authorized by the owner to enter into this Agreement and allow Company to access the Property and perform the services described below, and (ii) Customer authorizes Company to communicate the results of any inspection directly to the owner.

SECTION II – SCOPE OF WORK

Replace five defective pull stations and program them into the system

INCLUSIONS:

Time and material

EXCLUSIONS:

Does not include any other repairs that may be identified at the time of service.

SECTION III – PAYMENT

WE PROPOSE Hereby to furnish material and labor – complete in accordance with the above scope of work for the sum of:

One thousand five hundred eighty three DOLLARS, (\$1583.74.00)

PAYMENT to be made **MONTHLY** as the work progresses to the value of **100%** percent of all work complete and material on job site. The entire amount of the contract is to be paid within **30** days after completion.

Company will issue an invoice promptly upon completion of each inspection. Customer will pay each invoice in full, without any setoff or deduction whatsoever, no later than 30 days after receipt of invoice. Any amounts past due will be subject to a finance charge equal to the lesser of 1.5% per month or the maximum legal rate. Customer agrees to reimburse Company for all costs of collection, including attorneys' fees.

SECTION IV – LIMITATION OF WESTERN STATES FIRE PROTECTION COMPANY LIABILITY

Customer acknowledges that Company is not an insurer and that the payments made to Company by Customer on this project are based upon the value of the system and/or services provided and are unrelated to the value of the Customer's property or business.

In recognition of the relative risks and benefits to the Customer and Company resulting from the work to be performed by Company, the risks have been allocated such that the Customer, as well as the Customer's assigns, agents and representatives, agree, to the fullest extent permitted by law, to limit the liability of Company, its' officers, directors, employees or Company's parent, subsidiaries, affiliates, consultants, subcontractors, vendors, to a maximum of \$10,000 or the amount of the contract/price of work to be performed, whichever is less, and Customer does hereby release Company from any claim in excess of said limit. This limitation of liability shall apply to all judgments, claims, liability, cost, claim expenses, and all other damages or losses of any nature sustained by Customer, contractor or subcontractors, or any other party claiming by or through them. This limitation of liability shall be enforceable, 1) Regardless of the amount of any actual damages sustained, if any, as a result of this work; and 2) even if the loss or damage in issue is caused or alleged to be caused by the negligence, breach of warranty, defective products, violations of the deceptive trade practices act, or other fault of Company or Company's parent, subsidiaries, affiliates, consultants, subcontractors, vendors, or their respective employees, agents or representatives. Should Customer desire a different limitation of liability, such is available as an additional service at an additional cost.

The Company is NOT responsible for any damages due to: (1) incompatibility of materials within a CPVC piping system, or, (2) corrosion or deterioration of piping due to Customer's water supply, atmospheric conditions, soil quality, or any other condition at Customer's facility that adversely affects the integrity of the fire protection system.

If payment for work provided in this agreement is not paid when due, Customer agrees to pay all costs of collection including attorneys fees as well as interest computed at the highest rate allowable by applicable state law.

This Agreement constitutes the entire Agreement between Company and Customer regarding the subject matter hereof and supersedes all prior agreements and understandings relating thereto. Although Customer for its convenience or in furtherance of its internal procedures may issue to Company a purchase order, order acknowledgement or similar form in connection with the services provided pursuant to this Agreement, no term or condition in any such form that is different from or in addition to the terms set forth in this Agreement shall be applicable, and all such different or additional terms shall be ineffective and void. This Agreement cannot be amended or modified except by a writing signed by Customer and Company.

SECTION V: ACCEPTANCE AND SIGNATURE

Customer: ***Darren Perkins***

Western States Fire Protection Co.

SIGNATURE: _____

SIGNATURE: _____

NAME: _____

NAME: **David Cox Service & Inspection Sales**

TITLE: _____

Western States Fire Protection

DATE: _____

E-MAIL: **david.cox@wsfp.us**

By signing above, Customer acknowledges that it has reviewed, understands and agrees to all terms and conditions of this Agreement including, without limitation, the Scope(s) of Work furnished by Company with this Agreement.

The service or repair fee quoted is for acceptance within thirty (30) days from Company's presentation of this Agreement to Customer. If not accepted by Customer within such 30-day period, Company will be pleased to submit a revised quotation. Agreement is not binding on Company until credit approval for Customer is issued by Company. If required, a Credit Application is attached.

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Snowflake Unified**
BRG Project Number: **090205004-1001-008BRG** Navajo County
Project Description: **Repair kitchen fire suppression system**
Architect of Record: **n/a**
Contractor: **Western States Fire Protection Co. (602-272-2200)**
Board approval: **4/1/2015**

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 1,619
Contingency ①		\$ 381
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 2,000
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: 2/12/2015 10:59:03 AM

Application ID: 1814

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: Snowflake Unified District
Superintendent: Hollis Merrell
Contact Person: Mark Ollerton
Contact Phone Number: 928.536.4156
Contact Email: marko@snowflake.k12.az.us, darrenp@snowflake.k12.az.us
School Site: Taylor Intermediate School
Buildings: 1001 100

Application Title: Fire Alarm System 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.

Upon the completion of our annual fire inspection, several items were found that need to be addressed. After discussing this with our SFB liaison, several things were determined to be regular maintenance issues. For those that are not regular maintenance issues we are requesting funding from the SFB to cover the cost of repairs. Attached is annual inspection report, and scope of work being performed for requested funding.

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.

This is not an insurance claim. There are no additional funding sources available outside of what is already committed by the district capital budget.

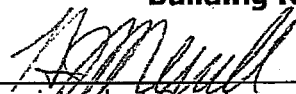
Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Hollis Merrell
Superintendent Printed Name

Building Renewal Grant Application



Superintendent Signature

3-12-14
Date



4346 East Elwood St.
Suite 100
Phoenix, AZ 85040
Phone: (602) 272-2200
Fax: (602) 272-7972
E-mail: david.cox@wsfp.us
Website: <http://wsfp.com>

Service & Repair Proposal and Agreement

Subject to all terms, conditions, and limitations specified in this Agreement, **Taylor Intermediate** ("Customer") hereby engages Western States Fire Protection Co. ("Company") to perform services at the premises specified in Section I below (the "Property"), subject to all terms, conditions and limitations specified in this Agreement

SECTION I – CUSTOMER & PROPERTY INFORMATION

Date: 2/5/2015

Bid # SFB

Attention: Darren Perkins

Property: Taylor Intermediate
Address: 207 N. 500 West
Taylor, AZ.
85939

Billing Address if different than property location:

Phone: (928)563-4156

Fax:

E-mail: darrenp@snowflake.k12.az.us

If Customer is not the owner of the Property (i) Customer represents, warrants and covenants to Company that Customer is authorized by the owner to enter into this Agreement and allow Company to access the Property and perform the services described below, and (ii) Customer authorizes Company to communicate the results of any inspection directly to the owner.

SECTION II – SCOPE OF WORK

Replace 3 gallon Ansul tank that is overdue hydro testing and replenish agent. Replace pressure guages on riser that are overdue calibration.

INCLUSIONS:

Time and material per scope

EXCLUSIONS:

Does not include any repairs that may be identified at time of service.

SECTION III – PAYMENT

WE PROPOSE Hereby to furnish material and labor – complete in accordance with the above scope of work for the sum of:

One thousand six hundred eighteen DOLLARS, (\$1618.93)

PAYMENT to be made **MONTHLY** as the work progresses to the value of **100%** percent of all work complete and material on job site. The entire amount of the contract is to be paid within **30** days after completion.

Company will issue an invoice promptly upon completion of each inspection. Customer will pay each invoice in full, without any setoff or deduction whatsoever, no later than 30 days after receipt of invoice. Any amounts past due will be subject to a finance

charge equal to the lesser of 1.5% per month or the maximum legal rate. Customer agrees to reimburse Company for all costs of collection, including attorneys' fees.

SECTION IV – LIMITATION OF WESTERN STATES FIRE PROTECTION COMPANY LIABILITY

Customer acknowledges that Company is not an insurer and that the payments made to Company by Customer on this project are based upon the value of the system and/or services provided and are unrelated to the value of the Customer's property or business.

In recognition of the relative risks and benefits to the Customer and Company resulting from the work to be performed by Company, the risks have been allocated such that the Customer, as well as the Customer's assigns, agents and representatives, agree, to the fullest extent permitted by law, to limit the liability of Company, its' officers, directors, employees or Company's parent, subsidiaries, affiliates, consultants, subcontractors, vendors, to a maximum of \$10,000 or the amount of the contract/price of work to be performed, whichever is less, and Customer does hereby release Company from any claim in excess of said limit. This limitation of liability shall apply to all judgments, claims, liability, cost, claim expenses, and all other damages or losses of any nature sustained by Customer, contractor or subcontractors, or any other party claiming by or through them. This limitation of liability shall be enforceable, 1) Regardless of the amount of any actual damages sustained, if any, as a result of this work; and 2) even if the loss or damage in issue is caused or alleged to be caused by the negligence, breach of warranty, defective products, violations of the deceptive trade practices act, or other fault of Company or Company's parent, subsidiaries, affiliates, consultants, subcontractors, vendors, or their respective employees, agents or representatives. Should Customer desire a different limitation of liability, such is available as an additional service at an additional cost.

The Company is NOT responsible for any damages due to: (1) incompatibility of materials within a CPVC piping system, or, (2) corrosion or deterioration of piping due to Customer's water supply, atmospheric conditions, soil quality, or any other condition at Customer's facility that adversely affects the integrity of the fire protection system.

If payment for work provided in this agreement is not paid when due, Customer agrees to pay all costs of collection including attorneys fees as well as interest computed at the highest rate allowable by applicable state law.

This Agreement constitutes the entire Agreement between Company and Customer regarding the subject matter hereof and supersedes all prior agreements and understandings relating thereto. Although Customer for its convenience or in furtherance of its internal procedures may issue to Company a purchase order, order acknowledgement or similar form in connection with the services provided pursuant to this Agreement, no term or condition in any such form that is different from or in addition to the terms set forth in this Agreement shall be applicable, and all such different or additional terms shall be ineffective and void. This Agreement cannot be amended or modified except by a writing signed by Customer and Company.

SECTION V: ACCEPTANCE AND SIGNATURE

Customer: ***Darren Perkins***

Western States Fire Protection Co.

SIGNATURE: _____

SIGNATURE: _____

NAME: _____

NAME: **David Cox Service & Inspection Sales**

TITLE: _____

Western States Fire Protection

DATE: _____

E-MAIL: **david.cox@wsfp.us**

By signing above, Customer acknowledges that it has reviewed, understands and agrees to all terms and conditions of this Agreement including, without limitation, the Scope(s) of Work furnished by Company with this Agreement.

The service or repair fee quoted is for acceptance within thirty (30) days from Company's presentation of this Agreement to Customer. If not accepted by Customer within such 30-day period, Company will be pleased to submit a revised quotation. Agreement is not binding on Company until credit approval for Customer is issued by Company. If required, a Credit Application is attached.

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT****Detail of Additional Cost and Contingency**
X Building Renewal Grant Fund

District: **Tolleson Elementary**
BRG Project Number: 070417103-1001-013BRG
Project Description: Replace HVAC compressor
Consultant: n/a
Contractor: Pueblo Mechanical (800-840-9170)

Maricopa County

Board approval: 4/1/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost:		\$ 2,376
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:		\$ 2,876
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 2,876
Total Project Cost:		\$ 2,876

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/17/2015 2:59:17 PM

Application ID: 1910

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: Tolleson Elementary District

Superintendent: Lupita Hightower

Contact Person: James Serbin

Contact Phone Number: 623-533-3930

Contact Email: jserbin@tesd.k12.az.us

School Site: Sheely Farms

Buildings: 1001 Building A

Application Title: Replace 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.

A compressor of a 5 Ton Trane heat-pump unit serving classroom # 326 at Sheely Farms Elementary has failed. The district is requesting funds to replace a compressor along with reversing valve and refrigerant flush/change.

The estimated cost is \$4,500

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

Superintendent Printed Name



(800) 840-9170

PROPOSAL - Tolleson ESD 5T Compressor Replacement

**1 GPA
#13-80**

PMC Proposal #:15-03-024

From: Pueblo Mechanical and Controls, Inc.

Date: 03/19/2015

Attn: Tolleson Elementary School District
9261 W. Van Buren
Tolleson, AZ 85353

Pueblo Mechanical and Controls appreciates the opportunity to look at this project and is pleased to provide the following scope for Tolleson ESD Model No. WCC060F400 Serial No. 2051YPR2H 5T Compressor Replacement.

Scope of Work:

- Disconnect power to equipment.
- Recover refrigerant from unit.
- Remove faulty Compressor, Filter Drier, Contactor & Reversing Valve.
- Flush system with Acid Scavenger.
- Install new OEM Compressor, Filter Drier, Contactor & Reversing Valve.
- Put system in a vacuum.
- Weigh in the charge of new R-22 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 sub total: \$ 2,375.75

AZDR Statute Compliance included

Bonding: N/A \$

Total Cost: \$ 2,375.75

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.

We look forward to providing this important service; please call if you have any questions.

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



(800) 840-9170

Best Regards,

Sunny Bert
Operations Manager
(520) 631-5960
sunny@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

www.pueblo-mechanical.com

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: **Valley Union**
BRG Project Number: 020522201-9999-005BRG
Project Description: Well repair
Consultant: n/a
Contractor: Allen's Well Service

Cochise County

Board approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 2,600
Contingency ①		\$ 300
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 2,900
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 2,900
Total Project Cost:		\$ 2,900

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:

Application ID: 1861

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: Valley Union High School District

Superintendent: Ron Aguallo

Contact Person: Ron Aguallo

Contact Phone Number: 520-642-3492

Contact Email: ron.aguallo@vuhs.net

School Site: Valley Union High School

Buildings:

Application Title: Well 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.

Water well that supplies 1/2 the campus with potable water broke. The impellers and casings were repaired. The air compressor which pressurizes the well on the same well that had repairs done has now become inoperable, thus again no water from this well. Recommended solution is to replace air compressor. Estimated cost to replace air compressor is \$2500.00

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.

District insurance does not cover damaged items that are due to wear and tear.

Liaison: Demland

ddemland@azsfb.gov

602-542-6567

Ron Aguallo
Superintendent Printed Name

R Aguallo
Superintendent Signature

3-3-15
Date



WELL SERVICE

5509 W Gleeson Rd
Elfrida AZ 85610

ESTIMATE

Office: (520) 642 3773
Mobile: (520) 904 6319

February 26, 2015

Estimate for Valley Union High School

Air Charger	\$2,000.00
Labor	\$500.00
<i>Sub Total</i>	<u>\$2,500.00</u>
Tax	\$99.13
Grand Total	<u>\$2,599.13</u>

***This estimate does not include power or plumbing to the well.

***Estimates are only valid for 30 days from date above.

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Vernon Elementary**
BRG Project Number: 010309101-1002-003BRG
Project Description: Repair exterior of modular bldg
Architect: n/a
Consultant: Lowes Home Centers

Apache County

Board Approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 770
Contingency ①		\$ 230
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 1,000
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 1,000
Total Project Cost:		\$ 1,000

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: 2/12/2015 1:04:36 PM

Application ID: 1819

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: Vernon Elementary District
Superintendent: Duane Noggle
Contact Person: Bob Piercey
Contact Phone Number: 928-537-5463
Contact Email: bpiercey@vernon.k12.az.us
School Site: Vernon Elementary School
Buildings: 1002 Portable-1 M1 and M2

Application Title: Computer lab / art 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.

Exterior wood on computer lab/ art room is rotting. This building is a modular with block skirting. 1x4 around windows rotten letting water into siding. Where modular touches block skirting, wood trim is rotting. Want to replace 1x4 around windows and paint. Want to put 2x12x12' around modular where it touches block skirting. Will caulk around all wood trim. Paint trim and paint siding.

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

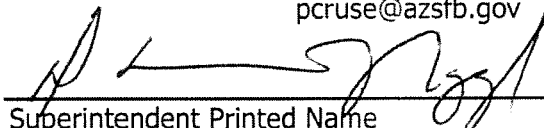
Amount of Local funds planned for this project	\$0.00
--	--------

Please outline any associated insurance coverage.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193


Superintendent Printed Name

3/4/2015 2:44:57 PM

1

Application ID: 1819

Building Renewal Grant Application

P. Duane Wogge
Superintendent Signature

3-5-15
Date

PROJECT ESTIMATE

COMPUTER LAB

CONTACT: PIERCEY, BOB
CUST #: 148235541SALESPERSON: MEDIGOVICH, STEVEN
SALES #: 1986181

PROJECT NUMBER: 429070887

DATE ESTIMATED: 02/05/15

QTY	ITEM #	ITEM DESCRIPTION	VEND PART #	PRICE
12	130769	2X12X12 TOP CHOICE KD DOUGLAS-	5089	203.76
16	20570	1-4-10 WHITEWOOD RESAWN TRIMBO		73.92
2	91113	630 OZ VAL DURAMAX EXT SATIN B	007.0091113.	350.00
2	323974	PGP 5LB #9 X 3-IN TAN EXT SCR	LP3STT5	59.96
1	233304	CLEAR ALEX PLUS 12-CT 10.1 OZ	11427	24.62
TOTAL FOR ITEMS				712.26
FREIGHT CHARGES				0.00
DELIVERY CHARGES				0.00
TAX AMOUNT				57.69
TOTAL ESTIMATE				769.95

This Quote is valid until 03/07/15.

MANAGER SIGNATURE_____
DATE

THIS ESTIMATE IS NOT VALID WITHOUT MANAGER'S SIGNATURE.
THIS IS AN ESTIMATE ONLY. DELIVERY OF ALL MATERIALS CONTAINED IN THIS
ESTIMATE ARE SUBJECT TO AVAILABILITY FROM THE MANUFACTURER OR SUPPLIER.
QUANTITY, EXTENSION, OR ADDITION ERRORS SUBJECT TO CORRECTION. CREDIT
TERMS SUBJECT TO APPROVAL BY LOWES CREDIT DEPARTMENT.

LOWES IS A SUPPLIER OF MATERIALS ONLY. LOWES DOES NOT ENGAGE IN THE PRACTICE
OF ENGINEERING, ARCHITECTURE, OR GENERAL CONTRACTING. LOWES DOES NOT ASSUME
ANY RESPONSIBILITY FOR DESIGN, ENGINEERING, OR CONSTRUCTION; FOR THE
SELECTION OR CHOICE OF MATERIALS FOR A GENERAL OR SPECIFIC USE; FOR
QUANTITIES OR SIZING OF MATERIALS; FOR THE USE OR INSTALLATION OF MATERIALS;
OR FOR COMPLIANCE WITH ANY BUILDING CODE OR STANDARD OF WORKMANSHIP.

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: April 1, 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 (construction awards)

**Balsz Elementary
Yuma Elementary**

Background – Balsz Elementary (Balsz ES – replace fire alarm system)

Balsz Elementary has submitted a Building Renewal Grant request for the replacement of the fire alarm system at Balsz Elementary School.

Balsz Elementary, located nine miles east of downtown Phoenix, has five schools. Balsz Elementary School is comprised of 15 buildings constructed between 1964 and 1997, totaling 105,463 square feet.

The fire alarm system is in distress and can no longer be repaired. The lowest proposal received \$81,717 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 – Balsz Elementary (Balsz ES – replace fire alarm system)

Staff recommends 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.

Background – Yuma Elementary (James B. Rolle ES – replace HVAC compressor)

Yuma Elementary has submitted a Building Renewal Grant request to replace a HVAC compressor on Building 1008 at James B. Rolle Elementary School.

Yuma Elementary has 19 schools. James B. Rolle Elementary School consists of eight buildings constructed between 1961 and 1992, totaling 51,913 square feet. Building 1008 was built in 1992, totaling 7,389 square feet.

The lowest proposal to provide a compressor and accessories was \$1,877.

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 – Yuma Elementary (James B. Rolle ES – replace HVAC compressor)

Staff recommends 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.

Board Action Requested: ☐ information ☒ action / described below

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.
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.

Attachments: Yes ☒ No ☐

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Balsz Elementary**
BRG Project Number: **070431101-9999-003BRG**
Project Description: **Replace fire alarm system**
Architect of Record: **n/a**
Contractor: **CST (480-890-2260)**

Maricopa County

Board approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ 81,717
Contingency ①		\$ 8,183
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 89,900
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 89,900
Total Project Cost:		\$ 89,900

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 12/2/2014 10:25:17 AM

Application ID: 1686

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: Doyel Chancey
Contact Phone Number: 602-629-6484
Contact Email: dchancey@balsz.org
School Site: Balsz School
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.

The current fire alarm panel is approximately 18 years old and is continually in fault mode. Many attempts have been made to diagnose the system and repair it. It will work temporarily and then it goes back in to fault. Devices have been repaired and still give faults. Wiring is faulty because it is effected by rain and

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: Demland

ddemland@azsfb.gov

602-542-6567


Superintendent Printed Name


Superintendent Signature

2-18-15
Date



Commercial Systems Technology, Inc.

Date: February 15th, 2015

To: **Balsz School District #31**
4825 East Roosevelt Street
Phoenix, Arizona 85008

State of Arizona School Facility Board
1700 W. Washington Street Suite 104
Phoenix Arizona 85007

Attn: Tim Leedy (Director of Business Services)
(602) 629-6460. / (602) 629-6470 F.
tleedy@balsz.org

Dan Demland
(602) 542-6567
ddemland@azsfb.gov

Total pages 2

Re: **Balsz Elementary (Life Safety Fire Alarm System)**

Dear Mr. Leedy and Mr. Demland, per our conversation please see below response for upgrading / replacing the Fire Alarm System for the above facility. The onsite person (Paul) was very helpful in showing us the main fire alarm junction points for each of the buildings. With the issues you're having on the existing system we understand the importance of getting this completed and back on line right away.

We will be installing an addressable main Fire Alarm Control Panel in the same location as the existing. There will be a remote panel with annunciator installed in the Gym building (same locate as existing). This will also allow the fire department or others to access to the system without having to go into the main office after hours.

This proposal includes fire alarm coverage for the existing fourteen (14) school buildings. (Building 1-12), (Headstart) & (Science portable building).

This proposal is per the current State Fire Marshal Office & School Facilities Board (SFB) fire alarm requirements. We will be producing drawings and pulling a fire alarm permit with the State Fire Marshal's Office.

With the way the campus is spread out, we will be installing additional alarm notification booster to power the ADA appliance devices. Many of the notification appliance are outdated and don't meet the code requirements, We also noticed many restrooms themselves don't have notification appliances. These restrooms are required to have a strobe unit by current code. Our proposal includes installing these additional devices to meet code.

Fire Alarm System---- \$70,815.00
Misc contingency ----- \$ 7,081.50 will be credited back. If not used.
Tax 5.395%---- \$ 3,820.47
TOTAL COST \$81,716.97

There will be **NO Change Orders** for anything that is required to meet the State Fire Marshal Requirements.

The main Fire Alarm Panel will be located in the same location as the existing. A remote panel with full control Annunciator will be located in the Building 10 (Gym Building). There will be fire alarm devices installed in every classroom, hallway, corridor, restrooms and electrical rooms per the State Fire Marshal requirements. Conduit, wiring, AC Power and compatible devices will be reincorporated into the new system. Where required additional devices will be installed to meet code.

Gym Building: Mechanical monitoring duct detectors will be cleaned before being reincorporated back into the system.

The contingency amount may be used for any unforeseen problems or addition request that may arise during the installation. If any situation does arise, we will bring it to your attention for a decision to resolve the problem for the best solution and to not hold up the progress on this project.

With the issues you're having, I understand the importance of getting this completed right away and getting these areas protected. We can start immediately upon your request.

Notes:

- Any and all device locations that are not being reused will be blanked off with a protective cover.
- All above pricing does not include bonds. A bond can be provided at additional cost.
- All pricing will be held for 30 days from above date.
- Fire watch is not included in this proposal.
- Existing sprinkler flow & tamper switches, kitchen ansul & hood system will remain as is and will be reincorporated back into the new system.
- Above pricing includes the state fire marshal permit fees.
- The system is capable of off-site monitoring. Existing phone lines and contract would be responsibility of the school. At this time the current monitoring lines will be reused unless otherwise directed by the district.

As always, I have appreciated working School Facility Board (SFB) and look forward to working with you on this project.

Sincerely

Craig Edwards

Craig Edwards
CST / Commercial System Technology Inc.
204 South Mesa Drive
Mesa Arizona 85204

Office # 480 890-2260
Mobile # 480 332-3600
Fax # 480 890-2263
Web: www.cst-az.com /
Email: cedwards@cst-az.com

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Yuma Elementary**
BRG Project Number: 140401110-1008-026BRG Yuma County
Project Description: Replace HVAC compressor
Consultant: n/a
Contractor: American Refrigeration Supplies (928-783-7819)

Board approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 1,877
Contingency ①		\$ 123
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 2,000
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:

Application ID: 1862

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: Yuma Elementary District

Superintendent: Darwin Stiffler

Contact Person: Esperanza Rodriguez

Contact Phone Number: (928) 502-4302

Contact Email: erodriguez@yuma.org

School Site: James B Rolle School

Buildings: 1008 Library

Application Title: Compressor 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.

HVAC Tech has diagnosed the unit in Library and he has come to the conclusion that the unit needs a new compressor. the total cost is \$1876.58
UNIT: LENNOX Model # HP17-953V-5Y Serial # 5192F31251

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: Cruse

pcruse@azsfb.gov

602-364-1193

Darwin Stiffler
Superintendent Printed Name

[Signature]
Superintendent Signature

2.26.2015
Date

2/25/2015 2:54:32 PM

Remit To: AMERICAN REFRIGERATION SUPPLIES, INC. ARS
 P.O. Box 21127 Store(928)783-7819
 Phoenix, AZ 85036 Corp(602)243-2792

QUOTATION
 Order#: 3063122-00
 Date: 02/23/15
 Terms: Net 10thProx

Bill To: YUMA SCHOOL DISTRICT #1
 450 SIXTH ST
 YUMA, AZ 85364

PO:
 Inst: FOB: ARS #3 - Yuma L083
 Via: . Date:

Ship To: YUMA SCHOOL DISTRICT #1
 450 SIXTH ST
 YUMA, AZ 85364

Cust#: 4103

Rolle - Library

Ln#	Part Number/Description	UM	Qty	Ord	Qty	Ship	Qty	B.O.	Price	Total
COUNTER: ALL TOOL PURCHASES MUST BE APPROVED BY JOSE JIMENEZ 928-580-5764										
1	ZB58KCE-TF5-950	each	1						1,595.82 *	1,595.82
	COMP 7.5 HP 230 3PH PE S R22 AC R134 HT R404 MT									
2	69H08	each	2						31.79 *	63.58
	LENNOX DRIER									
3	38113	each	1						61.57 *	61.57
	LENNOX CONTACTOR									
4	FREIGHT IN	each	1						10.00 *	10.00
	FREIGHT IN									
4	Lines Total								Total	1,730.97
									Taxes *	145.61
									Invoice Total	1,876.58

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: April 1, 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 (design awards)**

**Ash Creek Elementary
Cave Creek Unified
Crane Elementary
Douglas Unified (3 requests)
Dysart Unified (2 requests)
Paradise Valley Unified**

Background – Ash Creek Elementary (Ash Creek ES – repair sidewalks)

Ash Creek Elementary has submitted a Building Renewal Grant request for the replacement of sidewalks that are trip hazards at Ash Creek Elementary School.

Ash Creek Elementary, located 196 miles southeast of Phoenix, has one school. Ash Creek Elementary School is comprised of 11 buildings constructed between 1900 and 1994, totaling 21,432 square feet.

The has completed an inspection at the school site and has identified numerous areas where the concrete sidewalks have become trip hazards.

During a regular visit from the Arizona Risk Retention Trust, it was noted that numerous areas of sidewalk had become a trip hazard. One area even leading to a workman's compensation claim when it became icy last year. Most of the sidewalks have been in place for over 50 years.

The district received a proposal of \$9,952 for design and assessment services, including a limited survey of the site.

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 – Ash Creek Elementary (Ash Creek ES – repair sidewalks)

Staff recommends 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.

Background – Cave Creek Unified (Fine Arts Center – replace underground HVAC heating loop)

Cave Creek Unified has submitted a Building Renewal Grant request to replace/repair the underground HVAC heating loop of the central plant that serves the Fine Arts Center.

Cave Creek Unified, located twenty miles north of downtown Phoenix, has nine schools. The Fine Arts Center was constructed in 1989, totaling 23,694 square feet.

The district has performed many leak repairs on the heating loop over the years and presently has a water leak that makes it impossible to maintain a water quality balance that will preserve the integrity of the boiler system.

The district requested the services of a mechanical engineer to provide a proposal for an assessment of the heating loop to include potholing, utility locating, and project management. The cost of the engineering proposal is \$10,300.

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 – Cave Creek Unified (Fine Arts Center – replace underground HVAC heating loop)

Staff recommends 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.

Background – Crane Elementary (Crane MS – replace grease trap and sewer line)

Crane Elementary has submitted a Building Renewal Grant request for the replacement of the grease trap and sewer line on Building 1001 at Crane Middle School.

Crane Elementary, located in Yuma, Arizona, has ten schools. Crane Middle School is comprised of one building constructed in 1986, totaling 93,150 square feet.

Staff has visited the school and determined by video recording the existing sewer line has failed and recommends full replacement or a cast in place pipe repair. The district received a proposal to provide design for the replacement or repair of the sewer line from 5 feet outside the building throughout the interior of the building in the amount of \$4,950.

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 (Crane MS – replace grease trap and sewer line)

Staff recommends 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.

Background – Douglas Unified (Ray Borane MS – repair masonry wall cracks) Request 1 of 3

Douglas Unified has submitted a Building Renewal Grant request to repair several cracks in the exterior masonry walls on Buildings 1001 and 1002 at Ray Borane Middle School.

Douglas Unified, located 120 miles southeast of Tucson, has 13 schools. Ray Borane Middle School is comprised of five buildings constructed between 1910 and 1995, totaling 69,757 square feet. Below is a breakdown of the buildings.

Building No.	Year Built	Square Footage
1001	1910	31,326
1002	1938	27,582

The district received a proposal of \$6,526 for design and assessment of the buildings.

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 – Douglas Unified (Ray Borane Middle – repair masonry wall cracks)

Staff recommends 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.

Background – Douglas Unified (Douglas HS – replace two boilers) Request 2 of 3

Douglas Unified has submitted a Building Renewal Grant request to replace the boilers that serve the ladies locker room in Building 1015 at Douglas High School.

Douglas Unified, located 120 miles southeast of Tucson, has 13 schools. Douglas High School is comprised of 24 buildings constructed between 1949 and 2011, totaling 176,216 square feet. Building 1015 was built in 1982, totaling 10,108 square feet.

Staff has visited the site and agrees with the need for replacement. The district received a proposal of \$8,462 to design 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 – Douglas Unified (Douglas HS – replace two boilers)

Staff recommends 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.

Background – Douglas Unified (Douglas HS – roof replacement) Request 3 of 3

Douglas Unified has submitted a Building Renewal Grant request for the replacement of the clay tile roof on Building 1011 at Douglas High School.

Douglas Unified, located 120 miles southeast of Tucson, has 13 schools. Douglas High School is comprised of 24 buildings constructed between 1949 and 2011, totaling 176,216 square feet. Building 1011 was built in 1995, totaling 11,420 square feet.

Staff has visited the school site and agrees with the need for replacement of the roof. This is the original roof for the building and the underlayment has failed allowing water penetration into the building. The district received a proposal of \$11,368 for design services 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 – Douglas Unified (Douglas HS – roof replacement)

Staff recommends 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.

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

Dysart Unified has submitted a Building Renewal Grant request for the recoating of the roofs on Buildings 1001, 1005 and 1006 at Dysart Elementary School.

Dysart Unified, located 20 miles northwest of downtown Phoenix, has 24 schools. Dysart Elementary School is comprised of four buildings constructed between 1990 and 2010, totaling 103,363 square feet. Below is a breakdown of the buildings in this request.

Building No.	Year Built	Square Footage
1001	1990	67,138
1005	2006	3,600
1006	2007	11,370
	Total:	82,108

Staff has visited the school site and agrees with the need for the roof restoration. The district received a proposal for the design, construction bid documents, structural evaluation and construction administration services for the repair/restoration in the amount of \$28,637.

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 \$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.

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

Dysart Unified has submitted a Building Renewal Grant request for the repair/restoration of the roofs on Buildings 1007, 1008 and 1009 at El Mirage School.

Dysart Unified, located 20 miles northwest of downtown Phoenix, has 24 schools. El Mirage School is comprised of six buildings constructed between 1984 and 2005, totaling 120,473 square feet. Below is a breakdown of the buildings in this request.

Building No.	Year Built	Square Footage
1007	1984	10,325
1008	1984	2,090
1009	1984	9,685
	Total:	22,100

Staff has visited the school site and agrees with the need for the restoration. The district received a proposal for the design, construction bid documents, structural evaluation and construction administration services for the repair/restoration in the amount of \$17,587.

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 \$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.

Background – Paradise Valley Unified (Palomino II – replace cooling tower)

Paradise Valley Unified has submitted a Building Renewal Grant request for the replacement of the fluid cooler tower that serves Palomino II Intermediate School.

Paradise Valley Unified, located 15 miles northeast of downtown Phoenix, has 47 schools. Palomino II Intermediate School is comprised of one building constructed in 2003, totaling 78,589 square feet.

Staff has visited the school site and agrees with the need for replacement. The district received a proposal for the design, construction bid documents, structural evaluation and construction administration services in the amount of \$8,850. The district will contribute \$7,000 to the cost of construction.

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 – Paradise Valley Unified (Palomino II – replace cooling tower)

Staff recommends 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.

Board Action Requested: ☐ information ☒ action / described below

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. 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.
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. 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.
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.

Attachments: Yes ☒ No ☐

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT****Detail of Additional Cost and Contingency**
X Building Renewal Grant Fund

District: **Ash Creek Elementary**
BRG Project Number: **020453101-9999-005BRG**
Project Description: **Repair sidewalks**
Architect of Record: Robert Polcar Architects (480-675-9760)
Contractor: TBD

Cochise County

Board Approval Date: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ -
Contingency ①		\$ -
Architecture / Engineering (A&E) Fees		\$ 9,952
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 9,952
Total SFB Funded Project Cost:		\$ 9,952
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 9,952
Total Project Cost:		\$ 9,952

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date:

Application ID: 1822

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: Ash Creek Elementary District
Superintendent: Sue Shepard
Contact Person: Sue Shepard
Contact Phone Number: 520-824-0505 cell 520-975-3173
Contact Email: wranglerzzz@hotmail.com
School Site: Ash Creek Elementary School
Buildings: 9999 School Wide

Application Title: Walking surface

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.

Upon The Trust doing a premise inspection report our side walks around the campus are in need of repair. They are a slipping, tripping and falling 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.


District does not have the money in the budget

Liaison: Demland

ddemland@azsfb.gov

602-542-6567


Superintendent Printed Name


Superintendent Signature

2-12-15
Date

March 23, 2015

To: Sue Shepard, Superintendent
Ash Creek Elementary School District No. 53
Ash Creek, Arizona

Re: Design Services to Replace Sidewalks
Throughout campus

Sue,

Thank you for giving us the opportunity to submit a proposal for design services for this project. Our understanding of the scope of work is as follows:

Scope of Project

- Your campus is located in Ash Creek, Arizona and contains approximately 10 buildings.
- A Premise Inspection Report was conducted by The Trust on January 28, 2015. The report noted slip, trip and fall safety concerns at sidewalks throughout the site.
- The sidewalks were noted as being in poor condition, with photos showing cracking and differential vertical movement between slabs.
- There are no existing plans indicating the location or size of the campus buildings and connecting sidewalks, nor any surveys indicating elevations of the property.

Scope of Services

- We will coordinate a civil survey that will locate the buildings and sidewalks, as well as finished floor level elevations of the buildings and walkways.
- From the civil survey information we will develop an architectural site plan showing the buildings and some options for new and simplified sidewalks locations.
- On your approval of an option we will produce a set of plans showing sidewalk locations, elevations and details in a package suitable for bidding.
- We will assist in bidding the project and selecting a contractor.
- We will provide construction administration services, make two site inspections during construction 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	\$1,088
Civil Survey	\$4,300
Site Plan, options, finals	\$1,500
Bidding	\$1,388
<u>Construction Admin</u>	<u>\$1,676</u>
Total	\$9,952

Not included are: environmental testing, state, city or county permits if required, plan reviews and building permit fees if required.

Additional services such as extra on-site inspections, additional engineering beyond the scope, etc. if requested, would be \$75/hr. for an architect, \$110/hr. for \$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



PREMISE INSPECTION REPORT

District:	Ash Creek Elementary School District No. 53	Site Contact:	Sue Shepard
Campus:	Ash Creek Elementary	Email:	wranglerzzz@hotmail.com
Inspection Date:	1/28/2015	Phone:	(520) 824-3340
Inspected By:	Burback, Brian	Escort Name:	Chris Hamberger
Last Insp. Date:	5/15/2012		

Current AHERA Plan: Yes

Current Bloodborne Pathogens Training: Yes

Current Cold Weather Plan: Yes

Current HAZCOM Plan: No

REPORT USAGE

Loss Control staff with the Arizona School Risk Retention Trust, Inc. (the Trust), recently completed a safety inspection of your campus/facility. The attached inspection report has been prepared to assist your district in identifying and addressing on-campus safety hazards. Because your district also has workers' compensation coverage through the Trust, the report addresses staff safety issues and equipment/facility safety issues.

We ask that you forward the enclosed information to all district personnel responsible for the management of campus and employee safety issues, such as school principals and maintenance staff. We also recommend that you not release the information to non-district personnel.

The Trust inspection included, but was not limited to:

- an assessment of support facilities (e.g., bus barns), vocational classrooms, locker rooms, custodial closets, parking areas, ball fields, general storage areas, and chemical storage areas; and
- screening for the presence of water damage and/or visible fungal growth.

Regarding the latter, because mold prevention and remediation are ongoing concerns, the Trust suggests regularly scheduled internal inspections for conditions that could lead to mold growth.

Some information contained in the report was compiled from the Trust's Premise Safety Manual, including:

- a checklist related to possible water intrusion or mold (see Exhibit A),
- a checklist to help identify hazardous conditions in various areas on campus (see Exhibit B), and
- a list of chemicals not recommended for school use (see Exhibit C).

The Trust recommends that the district utilize these checklists on a monthly or quarterly basis, and keep them on file for a minimum of three years.

Trust Loss Control staff will contact the district within 15 days to verify receipt of the attached report and answer any questions regarding remediation of identified deficiencies (if any). Please note that the report should not be considered a definitive listing of all existing hazards on campus. Nonetheless, implementing report recommendations and appropriately documenting the results will not only help maintain a safe environment for students and staff, but may also prevent litigation. Furthermore, non-compliance could result in sanctions by the Occupational Safety and Health Administration (OSHA), and an increase in insurance rates.

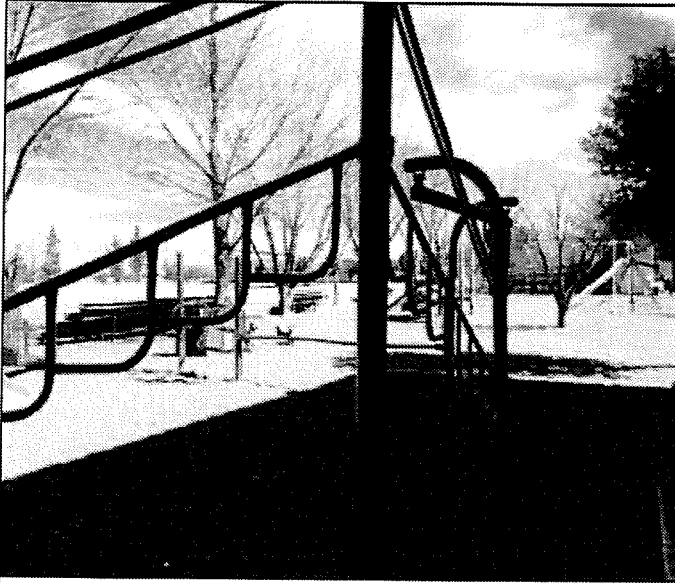
The Trust welcomes your input and feedback. If you have any questions or concerns regarding the report, or any suggestions for improving the inspection process, please contact David Frandsen at (602) 222-2140, or by email at dfrandsen@the-trust.org.

The Trust

In partnership with the Attorney General and SEP

PREMISE INSPECTION REPORT

FULL VIEWS



1 - Full View

ITEM: Full View (Playground)

HAZARD: None
None

ITEM: General (Playground)

HAZARD: Playground Labeling and Signage


It is recommended that labels bearing the identity of the equipment manufacturer be attached to the equipment. The label should also read: "Installation over a hard surface such as concrete, asphalt, or packed earth may result in serious injury or death from falls." Finally, an additional label or sign indicating that adult supervision is recommended, as well as the age appropriateness of the equipment, should be in place. Replacement labels can be obtained from the equipment manufacturer or their authorized representative. Please refer to the ASTM standard, sections 14 and 15.

The Trust

In partnership with the American Society for Testing and Materials

PREMISE INSPECTION REPORT

OBSERVATIONS

<p>Globally Harmonized System Training</p> <p>The Globally Harmonized System for Hazard Communication is an international standard for informing workers about health, physical and environmental hazards in the workplace.</p>	<p>1 - Concern ITEM: Hazard Communication (All Employees Using Chemicals) HAZARD: Employee information and HAZCOM training It is recommended that training be provided to ensure that employees are aware of the chemical hazards in their work area. This information should be provided at the time of hire or prior to new exposure assignments. The information should include location of chemical hazards, required PPE, availability of the chemical hygiene plan, and content of material safety data sheets. (29 CFR 1910 Subpart Z)</p>
<p>No photo. Information slide only.</p>	<p>2 - Concern ITEM: Hazard Communication (Site) HAZARD: Lack of material safety data sheets (MSDS) It is recommended that the material safety data sheets (MSDSs) for hazardous chemicals be maintained and be readily accessible to employees. (29 CFR 1910 Subpart Z)</p>
	<p>3 - Concern ITEM: Items Not Recommended (Playground) HAZARD: Swings Attached to Play Structures The Trust does not recommend that Swings be attached to play structures due to the increase in potential for collisions to occur. Swing sets are required by the American Society for Testing and Materials to be located away from other activities to minimize the potential for these collision hazards. Please refer to the ASTM standard, section 8.6.1.1(2), and the Trust's Premise Safety Manual, Section A.12.</p> <p>ITEM: Slide (Playground) HAZARD: Nothing to Channel User to Sit The slide has no means at its entrance to channel the user into a seated position. Please refer to the ASTM standard, section 8.5.3.2, and the CPSC guidelines, section 5.3.6.2.</p>

The Trust

In partnership with the Missouri and STP

PREMISE INSPECTION REPORT

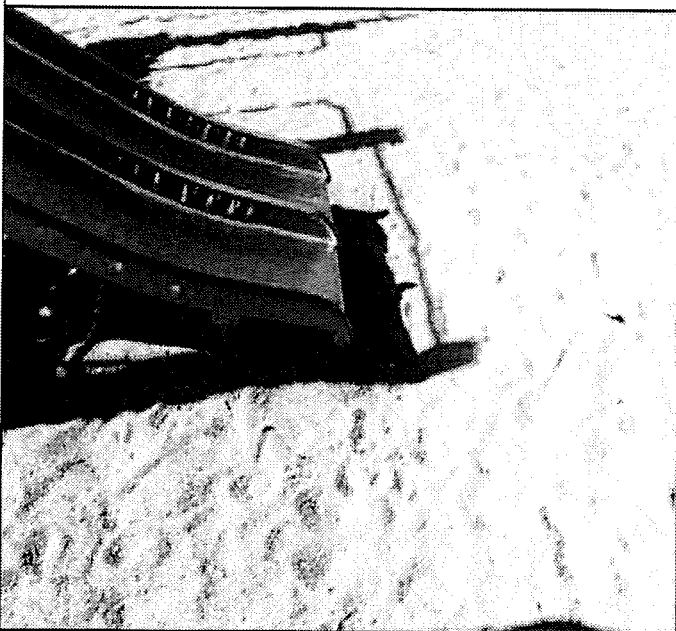


4 - Concern

ITEM: Composite Play Structure (Playground)

HAZARD: Sharp Edge

The composite play structure has wood components attached to the structure that are not recommended by the Trust due to their tendency to crack, splinter, and pose multiple sharp edge hazards. Please refer to the ASTM standard, sections 4.1.3 and 6.2, and the CPSC guidelines, section 3.4.



5 - Concern

ITEM: Slide (Playground)

HAZARD: Insufficient Surfacing Material

The slide has an insufficient amount of protective fill material within the structure's use zone. There should be at least 12 inches of compressed surfacing material within the use zones of all playground structures. The use zone is an area extending at least 72 inches from all sides of the structure. This area cannot be encroached upon by any other structure. Use zones between structures whose designated play areas are no greater than 30 inches in height can overlap, so long as a minimum of 72 inches between structures is maintained. For adjacent structures whose designated play areas are greater than 30 inches in height, the minimum distance between units must be 108 inches. Please refer to: (1) the ASTM standard, sections 9.1, 9.2.1, 9.2.3, and 13.2, and Figure A1.32; (2) the CPSC guidelines, sections 2.4, 5.3.9, and Table 2; and (3) the Trust's Premise Safety Manual, Section A.9.



6 - Concern

ITEM: First Aid and/or Medical (Maintenance Shop)

HAZARD: No eye wash and/or emergency shower station

It is recommended that an eye wash and emergency shower station be provided in areas in which hazardous materials are used. These facilities must be capable of providing at least 15 minutes of continuous flushing, and be located within 10 seconds' walk of employee work areas (29 CFR 1910 Subpart K).

PREMISE INSPECTION REPORT

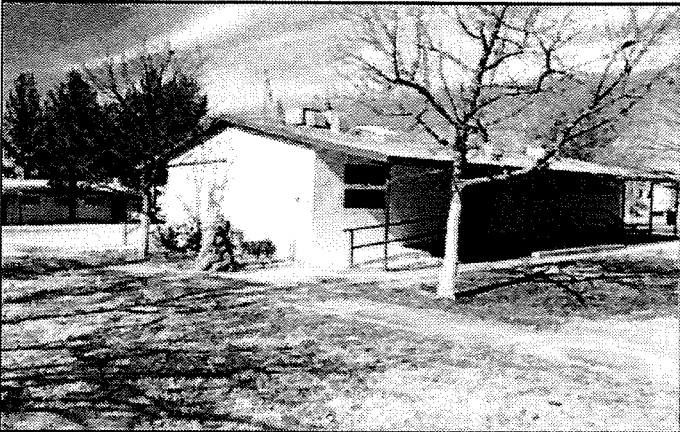


7 - Concern

ITEM: Slip, Trip, and Fall (Sidewalks Through-Out Site)

HAZARD: Walking surface in poor condition

It is recommended that the walkway be repaired to provide a safe walking surface and prevent tripping (29 CFR 1910 Subpart D).



8 - Concern

ITEM: Roof (Any Trees Overhanging Roofs Through-Out Site)

HAZARD: Tree overhangs the roof

It is recommended that overhanging tree(s) be trimmed back so that falling leaves will not accumulate and potentially block the roof drains.

Content Reviewed By:

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Cave Creek Unified**
BRG Project Number: 07029302S-9999-007BRG Maricopa County
Project Description: **Replace underground HVAC heating loop**
Consultant: Kelly Wright & Associates (520-887-1919)
Contractor: TBD

Board approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ -
Contingency ①		\$ -
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 10,300
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 10,300
Total SFB Funded Project Cost:		\$ 10,300
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 10,300
Total Project Cost:		\$ 10,300

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 2/12/2015 2:00:28 PM

Application ID: 1820

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: Cave Creek Unified District

Superintendent: Dr. Debbi Burdick

Contact Person: John Muir

Contact Phone Number: 480.575.2050

Contact Email: jmuir@ccusd93.org

School Site: Fine Arts Center

Buildings: 1001 Fine Arts Center

Application Title: HVAC Heating Loop Replacement, Multiple Sites

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.

25 year old underground HVAC heating loop which feeds Central Plant, Desert Arroyo Middle School and Fine Arts Center has experienced multiple catastrophic failures and requires replacement.

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.

none

Liaison: Breuer

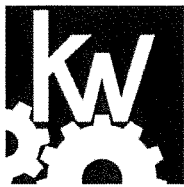
gbreuer@azsfb.gov

602-542-6139

Superintendent Printed Name

Superintendent Signature

Date



KELLY • WRIGHT
ASSOCIATES • PC
HVAC • PLUMBING
FIRE PROTECTION

PROPOSAL

Project Name: Cactus Shadows Central Plant Heating Water Leak Assessment

Project Address: 5802 E. Dove Valley Road
Scottsdale, Arizona

Job Number: 15014

Date: February 27, 2015

Client: Cave Creek Unified School District #93
33016 N. 60th Street Scottsdale, AZ 85266

Engineer: Kelly, Wright & Associates, P.C.

Project Description:

Existing heating water system served by a boiler in the central plant north of Cactus Shadows HS. The system serves the Performing arts building and Desert Arroyo campus. This project will investigate an underground heating water leak and provide recommendation for repair / replacement as necessary. This project is an assessment phase only and will result in a report. A construction documents and construction administration phase project will follow this one.

Scope of Basic Services:

GENERAL:

- Engineer will review existing drawings provided by the Client.
- Engineer will perform a minimum of one site visit to verify obvious existing conditions. Timing will be at Engineer's discretion and coordinated with Client.
- Preparation of one estimate of Engineer's opinion of construction cost are included. Estimates shall not be assumed to be related to the actual cost of construction.
- Prepare report summarizing findings, suggested corrections and estimated costs.

HVAC, Plumbing and Fire Protection Design:

- No scope for this project - Design scope pending results of the survey phase (this project).

Construction Administration: No scope for this project - To be determined after assessment phase (this project).

Commissioning: No scope.

Assumptions:

- Creation of construction documents not included in this phase. No drawings or specifications required.
- Pipe location services not required.
- Life Cycle Reports, System Comparison Reports, Feasibility Studies, and similar documents are not included.

Potholing: (to be provided by a mechanical contractor as a sub to the Engineer)

- Vacuum exploratory excavation, including pavement removal and replacement. At least three locations are included.

Underground Utility Locating: (to be provided by a mechanical contractor as a sub to the Engineer)

- Locating approximately 1,500 linear feet of heating/cooling piping using Radio Detection and Utility Ground Penetrating Radar.

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.

5250 EAST PIMA STREET #121, TUCSON, AZ 85712 (520) 887-1919 FAX (520) 696-0280

WWW.KWMECH.COM

Compensation for Basic Services:

The Engineer will be compensated for the basic services based on a fixed fee basis per the table below.

Phase / Item Description	FEE
Engineering and project management	\$ 5,900
Potholing	\$ 2,700
Utility Locating	\$ 1,700
Total	\$ 10,300

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 field trips will be billed at eight hundred dollars (\$800) 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.

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: 2015.02.27 08:54:34
-07'00'

Donovan F. Kelly, P.E.
President

Accepted By:
Cave Creek Unified School District #93

Client Signature

Printed Name and Title

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District: **Crane Elementary**
BRG Project Number: 140413003-1001-002BRG Yuma County
Project Description: **Replace grease trap and sewer line**
Consultant: Red Tree Consulting Group (602-989-2433)
Contractor: TBD
Board Approval Date: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ -
Contingency ①		\$ -
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 4,950
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 4,950
Total SFB Funded Project Cost:		\$ 4,950
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 4,950
Total Project Cost:		\$ 4,950

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 10/2/2014 9:46:04 AM

Application ID: 1575

Resubmittal Date: 3/4/2015 8:54:44 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: Crane Elementary District
Superintendent: Robert Klee
Contact Person: Mike Wicks
Contact Phone Number: 928 373-3405
Contact Email: mwicks@craneschools.org
School Site: Crane Middle School
Buildings: 1001 Complete Jr. High School Facility

Application Title: Grease Interceptor-Sewer Line 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 sewer line under Cafeteria/Gym floor that that has deteriorated causing obstruction. Develop scope of work and replace with a "cured in place pipe" specification, if circumstances permit, with a licensed mechanical engineer for review.

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
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Please outline any associated insurance coverage.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193


Superintendent Printed Name


Superintendent Signature


Date



March 2, 2015

Mr. Mike Wicks
Business Manager
Crane Elementary District
4250 West 16th Street
Yuma, Arizona 85364

RE: **Crane Middle School
Cafeteria / Kitchen**

Mr. Wicks,

Below are the proposed consulting fees for the Cafeteria/Kitchen waste line repair scope of work and performance specification.

DESCRIPTION	ESTIMATED FEE
Survey suspect damaged waste line inside the Cafeteria/Gym as identified by the Facility Director. Draft a detailed contractor repair scope of work including a cured in place pipe specification (if circumstances permit) with a licensed mechanical engineer review. This proposal does not include any additional engineering fees other than what is outlined herein. This proposal includes mileage and hotel accommodation expenses if necessary.	\$ 3,950.00
Allowance for plumbing endoscope camera contractor (1 Day of T&M). Contractor to provide endoscope camera services during RTCG initial survey.	\$ 1,000.00

Reimbursable expenses for reprographic work, etc are at cost plus 10%. Mileage is reimbursed at current IRS mileage rate at the time of work. Additional work is at standard hourly rates and will be defined and approved in writing by Owner prior to commencement of work.

Thank you for allowing Red Tree Consulting Group the opportunity to provide these services to you. We look forward to providing you a comprehensive solution. Red Tree will confirm any change to the above scope of work prior to executing any additional services. If you have any questions regarding this estimated fee proposal, please feel free to contact me at your convenience.

Thank you,

Michael L. Crow
Director of Field Operations, Partner
602.989.2433
mcrow@redtreeco.com

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT****Detail of Additional Cost and Contingency**
X Building Renewal Grant Fund

District: **Douglas Unified**
BRG Project Number: **020227108-9999-004BRG**
Project Description: **Repair masonry wall cracks**
Architect of Record: Robert Polcar Architects, Inc. (480-675-9760)
Contractor: TBD

Cochise County

Board approval: 4/1/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ -
Contingency ①		\$ -
Architecture / Engineering (A&E)		\$ 6,526
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 6,526
Total SFB Funded Project Cost:		\$ 6,526
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 6,526
Total Project Cost:		\$ 6,526

① Contingency shall only be used with SFB staff approval

Building Renewal Grant Application

Initial Submission Date: 3/5/2015 4:29:16 PM

Application ID: 1906

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: Douglas Unified District
Superintendent: Sheila Rogers
Contact Person: Fernando Quinonez
Contact Phone Number: 520 266 0532
Contact Email: fquinonez@dusd.k12.az.us csoto@dusd.k12.az.us
School Site: Ray Borane Middle School
Buildings:
1001 Main Building
1002 Gymnasium

Application Title: Structural Cracks

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.

Through the years Ray Borane Middle School has been suffering structural cracks on the west side of the gymnasium. The south wall on the main building has some structural deflections as well as structural cracking. School may need to be evaluated by an architect. Ray Borane Middle School is over 100 years old.

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.

The District does not have sufficient funds for this project.

Liaison: Demland

ddemland@azsfb.gov

602-542-6567

Superintendent Printed Name

March 23, 2015

To: Cesar Soto
Douglas Unified School District
P.O. Box 1237
1132 12th Street
Douglas, AZ 85607

Re: Architectural Evaluation
Ray Borane Middle School wall cracks

Cesar,

Thank you for giving us the opportunity to submit a proposal for architectural evaluation services for this project. Our understanding of the scope of work is as follows:

Scope of Project

- The existing two story building was constructed in 1910. The building consists of brick exterior walls with a single flat roof structure. The building is approximately 31,000 square feet.
- The exterior wall is showing diagonal cracks in the masonry. This has been an ongoing situation.
- Further cracking will destabilize the structural integrity as well as allow moisture to infiltrate into the building interior.
- The intent is to evaluate the condition and make a recommendation as to the next steps required.

Scope of Services

- We will make a site visit and field verify existing conditions and any as-built information as it pertains to the exterior walls.
- We will prepare an architectural plan and exterior elevation showing the cracks and other features.
- We will report on the conditions and make a recommendation for a corrective action plan. Further investigation from a soils engineer may be required.

Fee

The fee for architectural services, as described above, including a structural engineer would be as outlined below. The fee includes travel expenses.

Initial Inspection	\$878
Structural Evaluation	\$1,770
Arch Drawings	\$1,350
Total	\$3,998

Not included are: computer plots, printing reproduction and delivery charges, state, city or county permits if required, plan reviews and building permit fees if required.

Additional services such as extra on-site inspections, soils testing, material testing, additional engineering beyond the scope, etc. if requested, would be \$75/hr. for an architect and \$140/hr. for a structural engineer. If required as part of the additional services mileage would be billed at the current state rate, printing and delivery billed at cost.

We are listed as a vendor in Procure AZ as well as 1GPA. We are in compliance with all current State of Arizona insurance requirements.

If this proposal is acceptable, please notify me and we can begin immediately.

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

March 23, 2015

To: Cesar Soto
Douglas Unified School District
P.O. Box 1237
1132 12th Street
Douglas, AZ 85607

Re: Architectural Evaluation
Ray Borane Middle School gutters

Cesar,

Thank you for giving us the opportunity to submit a proposal for architectural evaluation services for this project. Our understanding of the scope of work is as follows:

Scope of Project

- The existing two story building was constructed in 1938. The building consists of brick exterior walls with a single flat roof structure. The building is approximately 27,000 square feet.
- The exterior gutters are showing wear and are leaking. The leaking gutters are allowing water to infiltrate through the exterior brick and damaging the interior surfaces within the building. This has been an ongoing situation.
- Further water infiltration will cause environmental concerns within the building.
- The intent is to evaluate the condition and make a recommendation as to the next steps required.

Scope of Services

- We will make a site visit and field verify existing conditions and any as-built information as it pertains to the exterior gutters and downspouts.
- We will prepare an architectural plan and exterior elevation showing the gutters and other features.
- We will report on the conditions and make a recommendation for a corrective action plan. Final design documents, specifications, construction bidding and construction administration would be covered in a separate proposal.

Fee

The fee for architectural services, as described above would be as outlined below. The fee includes travel expenses.

Initial Inspection	\$878
As-built and evaluation	<u>\$1,600</u>
Total	\$2,528

Not included are: computer plots, printing reproduction and delivery charges, state, city or county permits if required, plan reviews and building permit fees if required.

Additional services such as extra on-site inspections, soils testing, material testing, additional engineering beyond the scope, etc. if requested, would be \$75/hr. for an architect. If required as part of the additional services mileage would be billed at the current state rate, printing and delivery billed at cost.

We are listed as a vendor in Procure AZ as well as 1GPA. We are in compliance with all current State of Arizona insurance requirements.

If this proposal is acceptable, please notify me and we can begin immediately.

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**
X Building Renewal Grant Fund

District: **Douglas Unified**
BRG Project Number: **020227210-1015-005BRG**
Project Description: **Replace two boilers**
Architect of Record: Robert Polcar Architects, Inc. (480-675-9760)
Contractor: TBD

Cochise County

Board approval: 4/1/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ -
Contingency ①		\$ -
Architecture / Engineering (A&E)		\$ 8,462
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 8,462
Total SFB Funded Project Cost:		\$ 8,462
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 8,462
Total Project Cost:		\$ 8,462

① Contingency shall only be used with SFB staff approval

Building Renewal Grant Application

Initial Submission Date: 3/4/2015 10:29:56 AM

Application ID: 1901

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: Douglas Unified District
Superintendent: Sheila Rogers
Contact Person: Fernando Quinonez
Contact Phone Number: 520-266-0532
Contact Email: fquinonez@dusd.k12.az.us csoto@dusd.k12.az.us
School Site: Douglas High School
Buildings: 1015 O

Application Title: Girls Physical Education Locker Room Boiler 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.

Two 25 year old Parker boilers in the girls Physical Education Building need to be replaced. These boilers have been having continuous problems throughtout the year. (pumps, motors, water circulation)

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.

The District dose not have sufficient funds for this project.

Liaison: Demland ddemland@azsfb.gov 602-542-6567

Superintendent Printed Name

Superintendent Signature

Date

March 23, 2015

To: Cesar Soto
Douglas Unified School District
P.O. Box 1237
1132 12th Street
Douglas, AZ 85607

Re: Design and Engineering Services for hot water replacement
High School Campus Girls Gym

Cesar,

Thank you for giving us the opportunity to submit a proposal for design services for this project. Our understanding of the scope of work is as follows:

Scope of Project

- The existing single story building was constructed in 1982. The building consists of a single flat roof structure, approximately 10,000 square feet.
- The locker room showers are served by a hot water boiler; there is a separate boiler for space heating.
- The boilers are reaching the end of their life expectancy and are experiencing continual problems with pumps, motors and water circulation.
- The intent is to remove and reinstall with new equipment.
- A more centrally located spot for the boilers will be evaluated. Alternative hot water systems will be evaluated.

Scope of Services

- We will make a site visit and field verify existing conditions and any as-built information as it pertains to hot water design and installation.
- We will report on the conditions and make a recommendation for corrective action including a cost estimate which will be submitted to you as well as the School Facilities Board for review, approval, and funding.
- Our final recommendation will consist of design documents and specifications as necessary to bid and carry out the remedial work.
- Our verification and design will include a mechanical engineer's evaluation of the conditions and sealed design documents.
- Our services will include assistance during the bidding process as well as review and approvals of contractor progress payments, a pre-construction meeting, two periodic inspections of the work, as well as a final inspection.

Fee

The fee for architectural and engineering services, as described above, including mechanical engineer would be as outlined below. The fee includes travel expenses.

Initial Inspection	\$878
Mech Review and Design	\$2,750
Arch Background	\$900
Bidding	\$1,328
<u>Construction Admin</u>	<u>\$2,606</u>
Total	\$8,462

Not included are: computer plots, printing reproduction and delivery charges, state, city or county permits if required, plan reviews and building permit fees if required.

Additional services such as extra on-site inspections, revisions to the approved plans, additional engineering beyond the scope, etc. if requested, would be \$75/hr. for an architect, \$125/hr. for mechanical engineer. If required as part of the additional services mileage would be billed at the current state rate, printing and delivery billed at cost.

We are listed as a vendor in Procure AZ as well as 1GPA. We are in compliance with all current State of Arizona insurance requirements.

If this proposal is acceptable, please notify me and we can begin immediately.

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**
X Building Renewal Grant Fund

District: **Douglas Unified**
BRG Project Number: **020227210-1011-006BRG**
Project Description: **Replace two boilers**
Architect of Record: Robert Polcar Architects, Inc. (480-675-9760)
Contractor: TBD

Cochise County

Board approval: 4/1/2015

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ -
Contingency ①		\$ -
Architecture / Engineering (A&E)		\$ 11,368
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 11,368
Total SFB Funded Project Cost:		\$ 11,368
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 11,368
Total Project Cost:		\$ 11,368

① Contingency shall only be used with SFB staff approval

Building Renewal Grant Application

Initial Submission Date: 3/4/2015 1:53:54 PM

Application ID: 1904

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: Douglas Unified District
Superintendent: Sheila Rogers
Contact Person: Fernando Quinonez
Contact Phone Number: 520-266-0532
Contact Email: fquinonez@dusd.k12.az.us csoto@dusd.k12.az.us
School Site: Douglas High School
Buildings: 1011 K

Application Title: Douglas High School 6th Wing Terra Cotta 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 6th wing terra cotta roofing at the Douglas High School needs to be replaced. we are having continuous leakage problems, as well as tiles coming loose and standing water in class rooms (safty hazard), especially during windy weather. The 6th wing is the only building with this type of roofing. All of the High School other then the gymnasium has been re-roofed with metallic metal roofing. We have not experienced any problems with any of the other wings within the Douglas High School that have the metal roofing.

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.

The District does not have sufficient funds for this project.

Liaison: Demland ddemland@azsfb.gov 602-542-6567

Superintendent Printed Name

March 23, 2015

To: Cesar Soto
Douglas Unified School District
P.O. Box 1237
1132 12th Street
Douglas, AZ 85607

Re: Design and Engineering Services for roof replacement
High School Campus Classroom Building #6

Cesar,

Thank you for giving us the opportunity to submit a proposal for design services for this project. Our understanding of the scope of work is as follows:

Scope of Project

- The existing 11,000 square foot two story building was constructed in 1995. The building consists of a single sloping roof structure, approximately 6,500 square feet.
- The roof is clay tile and is experiencing roof leaks and damage to the building interior.
- It is believed the roof is original. There has been some remedial work done on the roof in the intervening years but the roof is basically as originally installed.
- The intent is to remove, repair and reinstall if economically feasible. All adjacent buildings have metal roofs so if it is not feasible to reinstall the tile an option for a metal roof will be evaluated.
- There is minimal roof mounted equipment.

Scope of Services

- We will field verify existing roof conditions and any as-built information as it pertains to roof design and installation, including building floor plans and roof plans.
- We will report on the conditions and make a recommendation for corrective action including a cost estimate which will be submitted to you as well as the School Facilities Board for review, approval, and funding.
- Our final recommendation will consist of design documents and specifications as necessary to bid and carry out the remedial work.
- Our verification will include a structural engineer's evaluation of the conditions and ability of the existing structure to support any alternative roof products.
- Our services will include assistance during the bidding process as well as review and approvals of contractor progress payments, a pre-construction meeting, two

periodic inspections of the work, as well as a final inspection.

Fee

The fee for architectural and engineering services, as described above, including structural engineer would be as outlined below. The fee includes travel expenses.

Initial Inspection	\$878
Structural Review	\$2,400
Preliminary Plan/assess	\$900
Detailed Drawings	\$1,800
Bidding	\$1,478
Construction Admin	<u>\$3,612</u>
Total	\$11,368

Not included are: computer plots, printing reproduction and delivery charges, state, city or county permits if required, plan reviews and building permit fees if required.

Additional services such as extra on-site inspections, revisions to the approved plans, additional engineering beyond the scope, etc. if requested, would be \$75/hr. for an architect, \$100/hr. for civil and structural engineer and \$125/hr. for civil and structural department director. If required as part of the additional services mileage would be billed at the current state rate, printing and delivery billed at cost.

We are listed as a vendor in Procure AZ as well as 1GPA. We are in compliance with all current State of Arizona insurance requirements.

If this proposal is acceptable, please notify me and we can begin immediately.

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
 X Building Renewal Grant Fund

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

Maricopa County

	School Facilities Board Action Approved as recommended by Staff	Staff Rec. or Approved
Base Cost		\$ -
Contingency ①		\$ -
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:		\$ 28,637
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 28,637
Total Project Cost:		\$ 28,637

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

Building Renewal Grant Application

Initial Submission Date: 3/6/2015 6:49:53 AM

Application ID: 1855

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: Dysart Unified District

Superintendent: Dr. Gail Pletnick

Contact Person: Bob Young

Contact Phone Number: 6238767028

Contact Email: bob.young@dysart.org

School Site: Dysart Elementary School

Buildings:

1001	Building A
1005	Classroom Addition
1006	Gymnasium Addition

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.

Jerry Brown and structural engineer both will be submitting reports today. Verbally both said everything is OK for roof repairs and coating. I will forward as soon as I receive them. This will be on buildings 1001, 1005, and 1006. Unable to add on drop down box.

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.

District does not have adequate funds to fund this project.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Superintendent Printed Name



February 15, 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: Fee Proposal

Dear Mr. Young:

This proposal is for architectural/engineering services for the roof replacement at Dysart Elementary School.

Description of Work & Services Provided:

1. Approximate roof areas is 80,000 sf.
2. Roofing Consultant: Provide assessment of existing roof condition, create report with photos and recommendation for repairs or replacement, develop specifications, review roofing details, review submittals, construction administration, and punch list.
3. Structural Engineer: Provide assessment of existing roof structure and determine if the existing structure is adequate to support the roofing consultant's recommendation, provide construction documents for structural remediation, and observation of remediation.
4. Architect: Assemble team, coordinate access, produce construction documents for bidding, and assist in construction administration.

A/E Fee:

1. WRECORP Roofing Consultant: \$13,700
2. Beauchamp Structural Engineer: \$8,812
3. ONE Architecture: \$6,125

Total Fee: \$28,637

Sincerely,

ONE! Architecture

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

Donald R. Brubaker Jr.



Don Brubaker
One Architecture
2814 W. Northern Ave.
Phoenix, AZ 85051

Dysart Elementary School
12950 W. Varney Rd.
El Mirage, AZ 85335

WRECORP was retained to assess the existing roof system at above listed address. This report contains WRECORP's preliminary opinions on the existing conditions found at the time of inspection.

All opinions, conclusions and/or recommendations within this report are subject to change in the event that any additional information is discovered or brought to the attention of WRECORP.

Industry standards use: NRCA (National Roofing Contractors Association).

Summary

The existing roof system components, insulation and roofing membranes, are in fair to good condition. The issues with this roof is the design and installation of the roof system.

1. Drains: The drains are not sumped, crickets are not wide enough and the walls are moving at a different rate than the roof decking and roofing system. This movement is tearing the roofing system at the drains.
2. The merge point between roof elevation and decks are moving to such a degree that they are buckling the roofs and tearing them apart.
3. The roof to wall locations are fracturing.
4. The walls are cracking.
5. The coping to vertical walls do not have splice butt plates and are cracking.



Photo # 1

Description: Merge point tearing.



Photo # 2

Description: Merge point tearing.

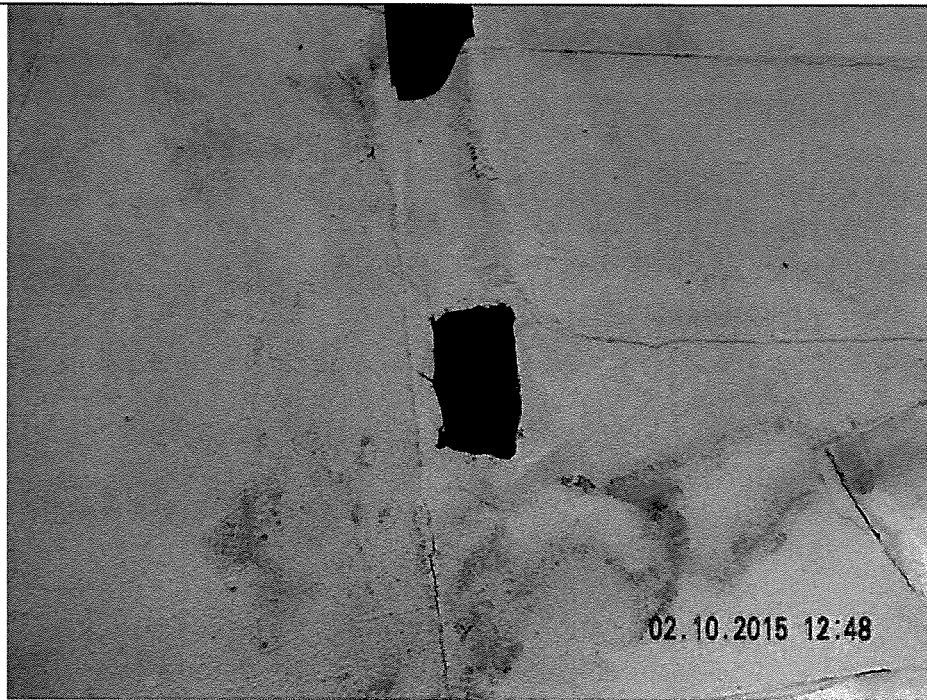


Photo # 3

Description: Merge point tearing.



Photo # 4

Description: Drain points tearing apart. Wall cracking.



Photo # 5

Description: Roof to wall fractures.



Photo # 6

Description: Roof to wall fractures.



Photo # 7

Description: Walls cracking.

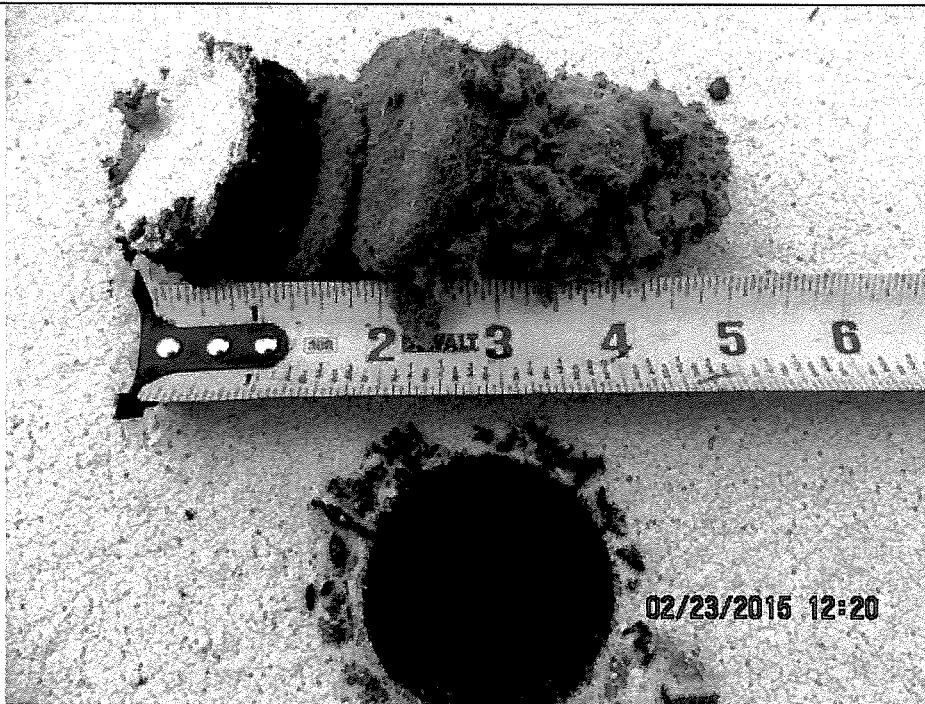


Photo # 8

Description: Core sample from the roof consisting of a BUR system and a perlite insulation board.

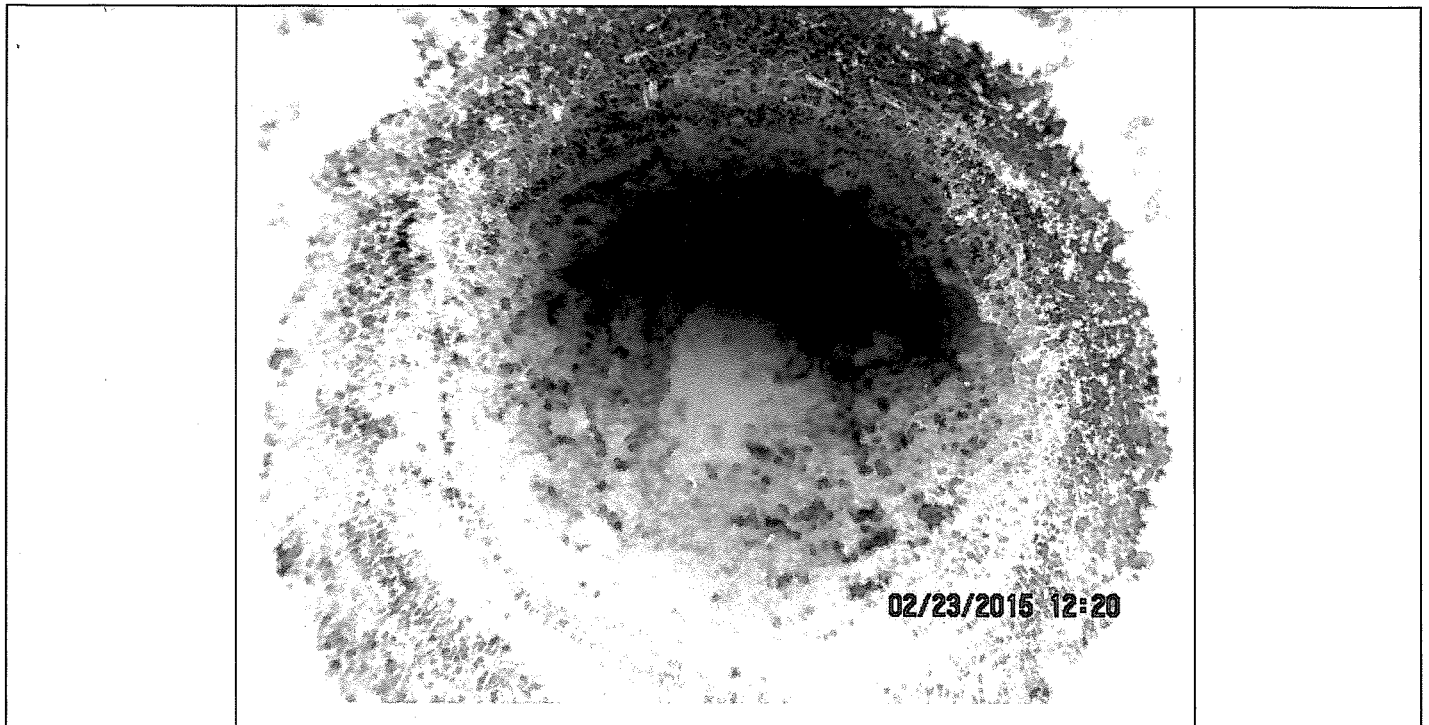


Photo # 9

Description: Core hole showing metal decking.



Photo # 10

Description: Depth of roof system 2". Roofing system approximately 3/8", perlite 1-5/8" thick.

Recommendations:

1. Tear off the roofing around the drains. Examine drains to verify they are cast iron. Replace drains if not cast iron. Install new roof system and sump drain area.
2. Tear out the area at the merge points and install new insulation properly staggered and offset, install new roofing.

3. Remove existing copings at vertical walls. Install butt splice plates and compressible sealants. Reinstall copings.
4. Replace all wall expansion joints between roof and top of wall.
5. Router out all wall cracks and caulk per industry standard.
6. Correctly seal roof to wall cracks.
7. Install a 6 ply coating system with polyester fabric over the entire roof system.
8. Coat the inside of all parapet walls.

Budget: \$310,000.00

Approximate existing roof weight: 2.25 pounds per square foot.

Approximate additional weight to roof: 0.33 pounds per square foot.

Jerry L. Brown, RRO 2/23/2015

Consultant/Inspector Date

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.

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

Maricopa County

Project Description:

Roof repair/restoration

Architect of Record:

One Architecture (602-266-2712) / WreCorp

Contractor:

TBD

Board approval:

4/1/2015

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

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

Building Renewal Grant Application

Initial Submission Date: 3/6/2015 6:48:24 AM

Application ID: 1854

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: Dysart Unified District
Superintendent: Dr. Gail Pletnick
Contact Person: Bob Young
Contact Phone Number: 6238767028
Contact Email: bob.young@dysart.org
School Site: El Mirage School
Buildings:
1007 Building G
1008 Building H
1009 Building I

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.

Buildings # 1007, 1008, and 1009, constructed in 1984. Roof needs to be replaced. Jerry Brown did an investigation and report, as well as a structural engineer; reports should be here today and I will forward to Pat.
Verbal report said both look good and Jerry will be recommending a foam roofing be applied.

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: Cruse

pcruse@azsfb.gov

602-364-1193

Superintendent Printed Name



February 15, 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: Fee Proposal

Dear Mr. Young:

This proposal is for architectural/engineering services for the roof replacement at El Mirage Elementary School.

Description of Work & Services Provided:

1. Approximate roof areas is 30,000 sf.
2. Roofing Consultant: Provide assessment of existing roof condition, create report with photos and recommendation for repairs or replacement, develop specifications, review roofing details, review submittals, construction administration, and punch list.
3. Structural Engineer: Provide assessment of existing roof structure and determine if the existing structure is adequate to support the roofing consultant's recommendation.
4. Architect: Assemble team, coordinate access, produce construction documents for bidding, and assist in construction administration.

A/E Fee:

1. WRECORP Roofing Consultant: \$12,200
2. Beauchamp Structural Engineer: \$712
3. ONE Architecture: \$4,675

Total Fee: \$17,587

Sincerely,

ONE! Architecture

A handwritten signature in black ink, appearing to read "DRB", with a large, stylized loop at the end.

Donald R. Brubaker Jr.

Principal Architect



Don Brubaker
One Architecture
2814 W. Northern Ave.
Phoenix, AZ 85051

El Mirage Elementary School
13500 N. El Mirage Rd.
El Mirage, AZ 85335

WREC Corp was retained to assess the existing roof system at above listed address. This report contains WREC Corp's preliminary opinions on the existing conditions found at the time of inspection.

All opinions, conclusions and/or recommendations within this report are subject to change in the event that any additional information is discovered or brought to the attention of WREC Corp.

Industry standards use: NRCA (National Roofing Contractors Association).

Summary

The existing roof system on the building has been repaired and restored multiple times in the past and has reached its life expectancy. The existing roof is a BUR roof system over a thin layer of fibrous insulation board that has collapsed. There is a wood deck below the roofing system.

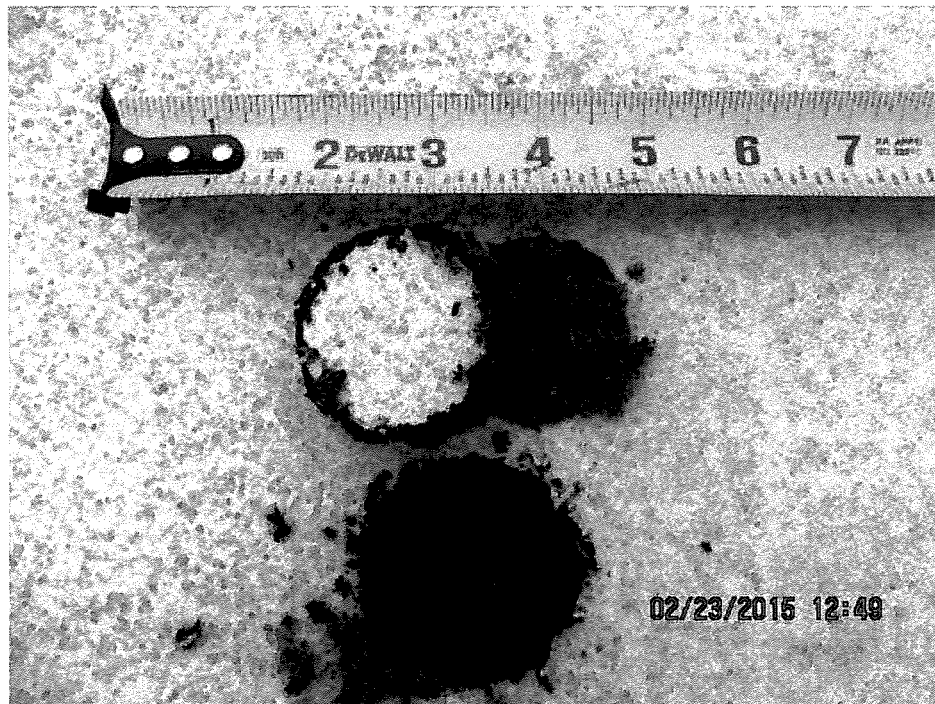


Photo # 1

Description: Core sample taken from the roof.

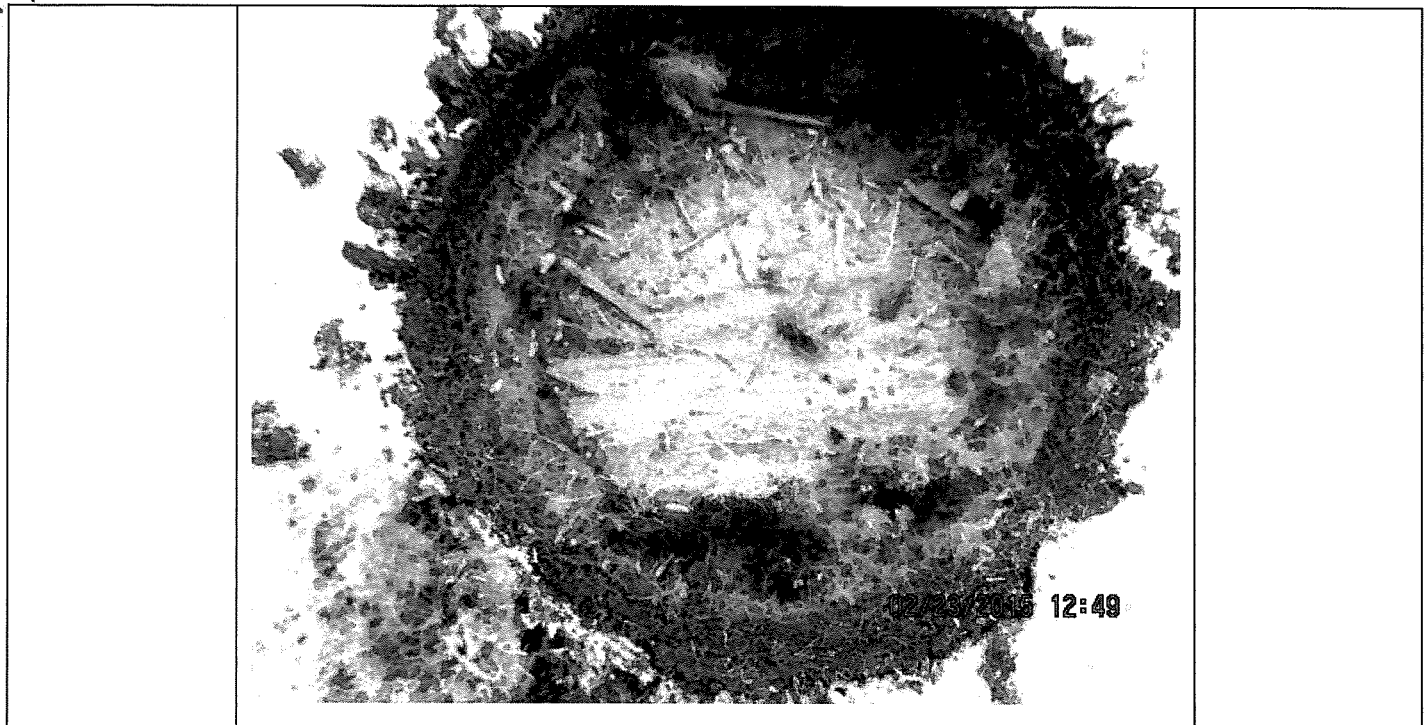


Photo # 2

Description: View of wood decking below roof system.



Photo # 3

Description: Total current thickness of roofing system is 1/2".

Recommendations:

1. Tear off the existing roof down to the wood decking.
2. Install new eave flashings.
3. Install R-12 value insulation board.
4. Install R-12 value foam roof system.
5. Install single lock granule coating system.

Budget \$250,000.00

Approximate existing roof weight: 2 pounds per square foot.

Approximate new roof weight: 1 pound per square foot.

Jerry L. Brown, RRO 2/23/2015

Consultant/Inspector Date

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.

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
X Building Renewal Grant Fund

District: **Paradise Valley Unified**
Project Number: **070269151-9999-001BRG**
Project Description: **Replace cooling tower**
Architect of Record: **Johnston Engineering Company (480-443-8773)**
Contractor: **TBD**

Maricopa County

Board approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ -
Contingency ①		\$ -
Architecture / Engineering (A&E) Fees		
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 8,850
Testing & Inspection		\$ -
Inspection, Evaluation and Oversight		\$ -
Total Additional Cost:		\$ 8,850
Total SFB Funded Project Cost:		\$ 8,850
District Share (Local Funds):		\$ 7,000
SFB Board Approved Amount:		\$ 8,850
Total Project Cost:		\$ 15,850

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

Building Renewal Grant Application

Initial Submission Date:

Application ID: 1810

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: Paradise Valley Unified District

Superintendent: Dr. Jim Lee

Contact Person: Richard Bishop

Contact Phone Number: 602-717-1686

Contact Email: rlbishop@pvlearners.net

School Site: Palomino II (Intermediate)

Buildings: 9999 School Wide

Application Title: Fluid Cooler Tower 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.

Complete unit replacement, deteriorating, Galvanized steel above basin, replacement option stainless steel, components, attachments. Leaks throughout unit, pipes, attachments, etc.

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 \$7,000.00

Please outline any associated insurance coverage.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

James P. Lee
Superintendent Printed Name

[Signature]
Superintendent Signature

3/3/15
Date



DATE OF
AGREEMENT February 27, 2015

CLIENT Paradise Valley Unified School District
20621 North 32nd Street
Phoenix, Arizona 85050

CONSULTANT Johnston Engineering Company
9777 North 91st Street, Suite 100
Scottsdale, Arizona 85258

PROJECT Design and Construction Administration
Fluid Cooler Upgrade
Palomino II Elementary School
15815 North 29th Street
Phoenix, Arizona 85032

P-5019

CLIENT AND CONSULTANT AGREE TO THE FOLLOWING:

- A. The terms and conditions the Standard form of Agreement Between Architect / Engineer and Owner, State Contract.
- B. The scope of services of the Consultant are for preparation of construction documents, mechanical design and construction administration for a fluid cooler replacement at Palomino II Elementary School. The fluid cooler will be replaced at the tower yard.

Design Development Services

- 1. Contact fluid cooler equipment representatives regarding equipment selections.
- 2. Field verify existing fluid cooler conditions for equipment to be replaced.
- 3. Evaluate fluid cooler heat demand. Consider input from School District.
- 4. Meet with code officials to review the concept.

Construction Documents

- 1. Fluid cooler yard plans, details, schedules, and specifications including controls.
- 2. Attend meetings with Owner during design.
- 3. CADD drafting.
- 4. Equipment selections for optimal fluid cooler system performance.

Construction Administration

1. Pre bid conference / preparation.
2. Answer contractor questions.
3. Shop drawing review.
4. Issue instruction bulletins.
5. Office engineering.
6. Two site visits.
7. Project close out.

- C. Compensation for the services provided by Johnston Engineering shall be on a fixed fee basis as follows.

TABLE 1.

SUMMARY OF PROFESSIONAL FEES		
School Site	Description	Professional Fees
Palomino II Elementary School	Fluid Cooler Replacement Design	\$5,160.00
	Fluid Cooler Replacement Construction Administration	\$3,690.00
TOTAL DESIGN AND CONSTRUCTION ADMINISTRATION		\$8,850.00

See Appendix A for a detailed breakdown of fees.

Additional services (additional site visits) can be performed at the following hourly rates:

Principal Engineer	=	\$150/HR
Project Manager	=	\$105/HR
Mech Designer	=	\$80/HR

1. Existing record mechanical and plumbing drawings for areas to be renovated under this scope of work.
 2. Name of project related contact persons responsible for mechanical, and controls systems related to this scope of work.
 3. Access to existing site for existing site data documentation.
- D. No claims for additional service compensation will be allowed by Owner unless Consultant provides Owner with a written proposal for such services and said proposal is signed by an authorized representative of Owner prior to any such work being commenced.
- E. Direct costs mileage, deliveries, etc., shall be part of the basic contract and shall be billed in addition to labor costs at cost. Documentation will be submitted with invoices.

- F. Consultant shall invoice Owner at the completion of each phase of project, or monthly which ever comes first.
- G. The Consultant agrees to maintain professional liability insurance with minimum limits of \$1,000,000 each claim and annual aggregate; maximum \$5,000 deductible each claim.
- H. The Consultant agrees to complete all work in accordance with a schedule mutually agreed upon between Consultant and Owner at the time this agreement is signed.
- I. This proposal is based on the following assumptions:
1. No architecture, structural engineering.
 2. Estimates of fluid cooler heating loads will be developed by engineer and coordinated with the Paradise Valley Unified School District.
 3. Recirculating pumps will be replaced where they exist.
 4. Provision of timely access to the site. Field verify fluid cooler foot print, code compliance.
 5. A meeting during the design phase with Owner to define fluid cooler demand.
 6. CSI 6 digit format specifications. No unique specification format.
 7. High efficiency fluid cooler will be specified to save operating costs.
 8. The City of Phoenix code is to be complied with.
 9. Johnston Engineering Company will use Owner supplied CADD architectural backgrounds.

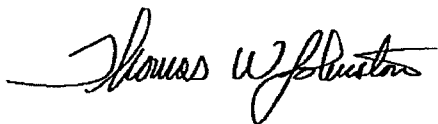
Main Fluid Cooler Yard

1. The capacity of the fluid cooler serving the entire school will be defined.
2. Specify make up water pressure regulator, water line routes.

This Agreement entered into as of the day and year first written above. Johnston Engineering shall begin work after one originally signed copy of this agreement is received.

JOHNSTON ENGINEERING COMPANY

PARADISE VALLEY SCHOOL DISTRICT



Thomas W. Johnston, P.E.
President

Signature _____

Printed Name _____

Title _____

Date _____

APPENDIX A

TABLE 2.

FLUID COOLER UPGRADES PALOMINO II ELEMENTARY SCHOOL - DESIGN					
Phase	Task Description	Principal Engineer	Project Manager	Mech. Designer	\$ Fixed Fee
Pre-Design/ Design Develop	Field Verification	2	-	4	\$ 620.00
	Contact Suppliers/Research	1	-	2	\$ 310.00
	SUBTOTAL PRE-DESIGN	3	0	6	\$ 930.00
Construction Documents	Specifications	1	-	7	\$ 710.00
	M.01 Symbols and Abbrev	-	-	1	\$ 80.00
	M.02 Plumbing Details, Cales, Riser Diagrams	1	-	8	\$ 790.00
	M2.1 Fluid Cooler Room Demo /New Plan	1	-	12	\$1,110.00
	Electrical Engineering	-	-	-	\$1,200.00
	Direct Costs	-	-	-	\$ 340.00
	SUBTOTAL DESIGN	6	0	34	\$5,160.00

TABLE 3.

FLUID COOLER UPGRADES PALOMINO II ELEMENTARY SCHOOL - CONSTRUCTION ADMINISTRATION				
Phase	Task Description	Principal Engineer	Mech. Designer	\$ Fixed Fee
Bidding	Pre-bid Conference/Preparation	1	3	\$ 390.00
	Answer Questions from Contractor	-	2	\$ 160.00
Construction Admin.	Shop Drawing Review	-	3	\$ 240.00
	Office Engineering	1	6	\$ 630.00
	Issue Instruction Bulletins	-	4	\$ 320.00
	Substantial and Final Site Visits	1	6	\$ 630.00
	Project Close Out	-	4	\$ 320.00
	Electrical Engineering	-	-	\$1,000.00
	SUBTOTAL CONSTRUCTION ADMINISTRATION	3	28	\$3,690.00

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: April 1, 2015

Agenda Item VI.h.

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

**Payson Unified
Show Low Unified
Snowflake Unified
Sonoita Elementary
Valley Union**

Background – Payson Unified (Rim Country MS – replace heater unit)

Payson Unified has submitted a Building Renewal Grant request to replace a heater unit on Building 1001 at Rim Country Middle School.

Payson Unified, located 90 miles northeast of Phoenix, has four schools. Rim Country Middle School is comprised of seven buildings constructed between 1979 and 2009, totaling 88,989 square feet. Building 1001 was built in 1979, totaling 19,146 square feet.

Staff has visited the school site and found the original heater installed in 1979 has a heat exchanger that has failed. Staff recommends full replacement of the heater. The district received a proposal for the design, construction bid documents, structural evaluation and construction administration services in the amount of \$5,700.

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 – Payson Unified (Rim Country MS – replace heater unit)

Staff recommends 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.

Background – Show Low Unified (Nikolaus Homestead ES – replace heater)

Show Low Unified has submitted a Building Renewal Grant request for the replacement of the heater on Building 1001 at Nikolaus Homestead School.

Show Low Unified, located 178 miles northeast of Phoenix, has eight schools. Nikolaus Homestead Elementary School is comprised of six buildings constructed between 1965 and 2005, totaling 64,581 square feet. Building 1001 was built in 1972, totaling 40,201 square feet.

Staff has visited the school site and found the original heater installed in 1972 has a heat exchanger that has failed. Staff recommends full replacement of the heater. 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 (Nikolaus Homestead ES – replace heater)

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 to replace a heater on Building 1001 at Nikolaus Homestead Elementary School.

Background – Snowflake Unified (Snowflake JHS – roof replacement)

Snowflake Unified has submitted a Building Renewal Grant request for the replacement of the roofs on Buildings 1002 and 1007 at Snowflake Junior High School.

Snowflake Unified, located 170 miles northeast of Phoenix, has six schools. Snowflake Junior High School is comprised of nine buildings constructed between 1962 and 2011, totaling 51,723 square feet. Below is a breakdown of the buildings.

Building No.	Year Built	Square Footage
1002	1962	13,013
1007	1962	8,409
	Total:	21,422

Staff has visited the school site and found the roofing systems on both buildings to have failed. The district received a proposal for the roofing design and construction bid documents in the amount of \$14,950. A structural inspection and an asbestos survey will need to be conducted at an estimated cost of \$15,000

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 – Snowflake Unified (Snowflake JHS – roof replacement)

Staff recommends 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.

Background – Sonoita Elementary (Elgin ES – HVAC replacement)

Sonoita Elementary has submitted a Building Renewal Grant request for the replacement of the HVAC Systems on Buildings 1001, 1002 and 1008 at Elgin Elementary School.

Sonoita Elementary, located 60 miles southeast of Tucson, has one school. Elgin Elementary School is comprised of five buildings constructed between 1991 and 2006, totaling 31,797 square feet. Below does a breakdown of each building.

Building No.	Year Built	Square Footage
1001	1991	8,940
1002	1991	2,090
1008	2006	13,703
	Total:	24,733

Staff visited the school site and found the existing HVAC systems unable to meet the indoor air quality requirements for temperature (R7-6-213) and air quality (R7-7-215). These systems need to be engineered, designed and new equipment installed to address the above requirements.

The district received a proposal from a mechanical engineer to assess the mechanical and electrical systems, identify problems with the existing systems, and outline a solution for a cost of \$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 – Sonoita Elementary (Elgin ES – HVAC replacement)

Staff recommends 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.

Background – Valley Union (Valley Union HS – roof replacement)

Valley Union has submitted a Building Renewal Grant request for the replacement of the roof on Building 1005 at Valley Union High School.

Valley Union, located 117 miles southeast of Tucson, has one school. Valley Union High School is comprised of 11 buildings constructed between 1950 and 2007, totaling 59,812 square feet. Building 1005 was built in 1986, totaling 6,550 square feet.

Staff has visited the school site and agrees with the need for the roof replacement. The district received a proposal of \$10,840 for design services.

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 – Valley Union (Valley Union HS – roof replacement)

Staff recommends 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.

Board Action Requested: ☐ information ☒ action / described below

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.

Attachments: Yes ☒ No ☐

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Payson Unified**
Project Number: **040210102-1001-006BRG** Gila County
Project Description: **Replace heater unit**
Architect of Record: **Arizona Pinnacle Engineering, LLC (623-594-0949)**
Contractor: **TBD**
Board approval: **4/1/2015**

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		\$ 5,700
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 5,700
Total SFB Funded Project Cost:		\$ 5,700
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 5,700
Total Project Cost:		\$ 5,700

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:

Application ID: 1868

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: Payson Unified District
Superintendent: Dr. Greg Wyman
Contact Person: Brent Bailey
Contact Phone Number: (928) 472-2024
Contact Email: brent.bailey@pusd.com
School Site: Rim Country Middle School

Buildings:

Application Title: Rim Country Middle School Unit Heater 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.

Arizona Pinnacle Engineering, LLC contacted and Proposal for Mechanical and Electrical Engineering Services received at a sum of \$5,700.00 + \$800.00 per man-trip if additional trips are required. Proposal forwarded to Pat Cruse. Scope of Work and pricing have yet to be performed in lieu of approval of grant.

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
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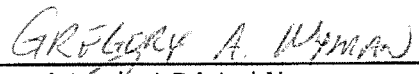
Please outline any associated insurance coverage.

District does not have the funding for replacement of unit.

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193


Superintendent Printed Name


Superintendent Signature


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.

January 30, 2015

Payson Unified School District #10
902 West Main Street
P.O. Box 919, Payson, Arizona 85547

Attn: Mr. Brent Bailey

Re: Unit Heater Replacement at Payson High School
Proposal for Mechanical and Electrical Engineering Services P15023

Dear Mr. Bailey:

Arizona Pinnacle Engineering, LLC (AZPE), is pleased to propose the following Agreement for mechanical (plumbing), electrical, and structural engineering services for the replacement of the failing unit heater at Payson High School in Payson, Arizona.

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 Payson 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:

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

Payson Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15023

January 30, 2015

Page 2

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.
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.

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.

Payson Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15023

January 30, 2015

Page 3

3. AZPE will design and specify a new sealed combustion type unit heater for this project.
4. AZPE will design and specify revisions to the existing ductwork and flue vent piping as required to install the new unit heater.
5. AZPE will design and specify revisions to the existing combustion air louver grille as required to accommodate the current combustion air requirements and to blank off unused portions of the grille.
6. AZPE will design and specify revisions to the existing return ductwork to provide a new return duct to serve the adjacent classroom.
7. AZPE will design and specify new control linkages and sequences of control for the new unit heater.
8. AZPE will coordinate the design features of the HVAC system with other A/E disciplines.

Plumbing

1. AZPE will design and specify modifications to the existing gas piping as required to install the new unit heater.
2. AZPE will coordinate the design features of the plumbing system with the other Engineering 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 S.E.S. will accommodate this new equipment.
3. AZPE will design and specify modifications to the existing electrical panels as required by the new mechanical equipment.
4. 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 unit heater. The Structural Consultant will

Payson Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15023

January 30, 2015

Page 4

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.
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.

Payson Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15023

January 30, 2015

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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	\$600.00
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	\$5,700.00

*Includes up to one (1) mechanical man-trip as a substantial completion.

**Includes up to one (1) mechanical man-trip as a final punch.

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.

Payson Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15023

January 30, 2015

Page 6

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.

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.

Payson Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15023

January 30, 2015

Page 7

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

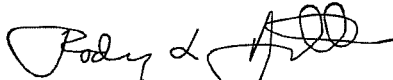
All claims or disputes arising out of, or related to, this Agreement shall be subject to arbitration. Claims or disputes between the parties that are not resolved by mediation shall be decided by arbitration which, unless the parties mutually agree otherwise, shall be in accordance with the Construction 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.

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.

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Show Low Unified**
BRG Project Number: **090210120-1001-006BRG** Navajo County
Project Description: **Replace heater**
Consultant: **Arizona Pinnacle Engineering, LLC (623-594-9049)**
Contractor: **TBD**

Board Approval: 4/1/2015

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.

School Facilities Board
SFB BR 900-08
BUILDING RENEWAL GRANT
Project Application Form
Building Renewal Grant Application
Initial Submission Date:
Application ID: 1801

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: 928-242-4235

Contact Email: rcsmith@show-low.k12.az.us

School Site: Nikolaus Homestead Elementary School (formerly Show Low J.H.S. South)

Buildings: 1001 Main Building

Application Title: Gas fired heater

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.

Gas fired unit has cracked heat exchanger. This unit is old as school this unit is past life cycle. The gas is now shut off and the rooms it supplies has no heat other then space heaters.

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 is not a insurance claim and the district has no funds for this Reznor heater.

Liaison: Cruse

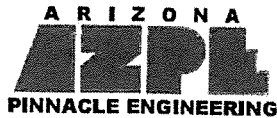
pcruse@azsfb.gov

602-364-1193

KEVIN BRACKNEY
 Superintendent Printed Name

K. Brackney
 Superintendent Signature

2-5-15
 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.

February 26, 2015

Show Low Unified School District #10
500 West Old Linden Road
Show Low, Arizona 85901

Attn: Mr. Ralph Smith

Re: Unit Heater Replacement at Nikolaus Homestead Elementary School
Proposal for Mechanical and Electrical Engineering Services P15049

Dear Mr. Smith:

Arizona Pinnacle Engineering, LLC (AZPE), is pleased to propose the following Agreement for mechanical (plumbing), electrical, and structural engineering services for the replacement of the failing unit heater at Nikolaus Homestead 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:

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

2222 West Pinnacle Peak Road, Suite 290 Phoenix, AZ 85027 Phone: (623) 594-9049 Fax: (623) 594-9072

Show Low Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15049

February 26, 2015

Page 2

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.

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 sealed combustion type unit heater for this project.

Show Low Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15049

February 26, 2015

Page 3

4. AZPE will design and specify revisions to the existing ductwork and flue vent piping as required to install the new unit heater.
5. AZPE will coordinate the design features of the HVAC system with other A/E disciplines.

Plumbing

1. AZPE will design and specify modifications to the existing gas piping as required to install the new unit heater.
2. AZPE will coordinate the design features of the plumbing system with the other Engineering 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 unit heater. 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 P15049

February 26, 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.

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.

Show Low Unified School District #10

Re: Proposal for Mechanical and Electrical Engineering Services P15049

February 26, 2015

Page 5

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.

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.

SCHOOL FACILITIES BOARD**BUILDING RENEWAL GRANT**Detail of Additional Cost and Contingency
 X Building Renewal Grant Fund

District: **Snowflake Unified**
BRG Project Number: **090205003-9999-009BRG**
Project Description: **Roof replacement**
Architect of Record: **WRECORP (623-878-7117)**
Contractor: **TBD**
Board approval: **4/1/2015**

Navajo County

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ -
Contingency ①		\$ -
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 14,950
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ 15,000
Testing & Inspection		\$ -
Total Additional Cost:		\$ 29,950
Total SFB Funded Project Cost:		\$ 29,950
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 29,950
Total Project Cost:		\$ 29,950

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date:

Application ID: 1923

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: Snowflake Unified District
Superintendent: Hollis Merrell
Contact Person: Mark Ollerton, Darren Perkins
Contact Phone Number: 928.536.4156
Contact Email: marko@snowflake.k12.az.us
School Site: Snowflake Junior High School
Buildings:
1002 200
1007 700

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 roofs on two buildings were inspected by Jerry Brown and are enclosing his opinion of the roofing systems on these buildings. "The existing roof on the gym upper and lower is completely shot. The existing foam on this roof is saturated with water. There are thousands of fractures in the roof system that are allowing water into roof. The original BUR roof is the only thing keeping you from having substantial damage to the interior. As a consultant it is my obligation to tell you that the weight of this roof system containing water is substantial and should be considered as an issue. I have attached a few photos for your review. The last photo 4089 is a fracture that I press down on and water came out of the roof and can be seen if you look closely. This will require a complete tear off down to the decking and installation of a new roof system." The roofing systems for both buildings were discussed and need to be addressed.

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.

The district will not be submitting a claim to the insurance company for this item.

Building Renewal Grant Application

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Hollis J. Merrell
Superintendent Printed Name

Hollis J. Merrell
Superintendent Signature

3-13-15
Date

PROPOSAL

PROJECT IDENTIFICATION

PROJECT NAME	Snowflake Unified School District
PROJECT	Snowflake Junior High Gym Roof - Roofing Project
SITE ADDRESS	1380 S. Main St. Snowflake, AZ 85937

PROPOSAL

This proposal, dated this day of February 11, 2015, is between Snowflake 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:

Phase I - Design

- Assess existing roof conditions on building at site address listed above.
- Create a footprint CAD of existing roofs, determining square footage.
- Provide budget for solutions.
- Create a scope of work and specification.
- Create CAD of roof foot print.
- Create construction details.

Fees: \$3,500.00

Phase II – Bidding and Construction Administration

- Conduct pre-bid meeting with chosen contractors and manufacturers.
- Review submittals and schedule from chosen contractor.
- Conduct pre-roofing meeting with contractor, manufacturer and client.
- Provide quality assurance monitoring once a week. 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.

Fees: \$11,450.00

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 2/11/2015
Signature in ink Date

Name: Jerry L. Brown
Title: President

Owner

By: _____
Signature in ink Date

Name: _____
Title: _____

Pat Cruse

From: Mark Ollerton [marko@snowflake.k12.az.us]
Sent: Friday, March 13, 2015 8:28 AM
To: Pat Cruse
Subject: FW: Snowflake
Attachments: Snowflake Junior High Gym Roof Consulting Proposal 2-11-15.pdf; DSCN4079.JPG; DSCN4081.JPG; DSCN4082.JPG; DSCN4089.JPG; WRE Corporation - 2014 to 2015 renewal.pdf

Mark Ollerton,
Business Manager
Snowflake Unified School District #5
Pn. (928)536-4156 ext. 7716
Fax (928)536-2634

NOTICE

: This e-mail (and any attachments) may contain **PRIVILEGED OR CONFIDENTIAL** information and is intended only for the use of the specific individual(s) to whom it is addressed. It may contain information that is privileged and confidential under state and federal law. This information may be used or disclosed only in accordance with law, and you may be subject to penalties under law for improper use or further disclosure of the information in this e-mail and its attachments. If you have received this e-mail in error, please immediately notify the person named above by reply e-mail, and then delete the original e-mail. Thank you.

From: Jerry Brown [mailto:Jerry@wrecorp.com]
Sent: Wednesday, February 11, 2015 8:49 PM
To: Mark Ollerton
Cc: Pat Cruse (pcruse@azsfb.gov)
Subject: Snowflake

Mark

The existing roof on the gym upper and lower is completely shot. The existing foam on this roof is saturated with water. There are thousands of fractures in the roof system that are allowing water into roof. The original BUR roof is the only thing keeping you from having substantial damage to the interior. As a consultant it is my obligation to tell you that the weight of this roof system containing water is substantial and should be considered as an issue. I have attached a few photos for your review. The last photo 4089 is a fracture that I press down on and water came out of the roof and can be seen if you look closely. This will require a complete tear off down to the decking and installation of a new roof system.

If you have any questions or comments please let me know. I have attached a copy of our 1GPA contract number for your use if needed.

Thank you,

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

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

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

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost		\$ -
Contingency ①		\$ -
Architecture / Engineering (A&E)		\$ 10,000
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 10,000
Total SFB Funded Project Cost:		\$ 10,000
District Share (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: 3/24/2015 11:22:43 AM

Application ID: 1955

Resubmittal Date: 3/24/2015 1:09:26 PM

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: Sonoita Elementary District

Superintendent: Dr. Christopher Bonn

Contact Person: Christopher Bonn

Contact Phone Number: 520-455-5514

Contact Email: cbonn@elgink12.com

School Site: Elgin Elementary School

Buildings:

1001	K-6th Bldg
1002	Library
1008	Cafeteria, Gym, Stage

Application Title: HVAC Up Grade

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.

Classrooms are unable to maintain a temperature under 80 degrees during a large part of the season.

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 Issue is not covered by insurance

Liaison: Demland

ddemland@azsfb.gov

602-542-6567

Superintendent Printed Name

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

March 19, 2015

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

RE: Assess building systems at the gymnasium, library and classroom buildings at Elgin Elementary School

Dear Dr. Bonn,

Please find below scope and fee to assess building systems at the gymnasium, library and two (2) classroom buildings at Elgin Elementary School. The proposal is based on SAVE Contract # 13-04-17 originated by Tolleson ESD.

- 1) Assess mechanical, electrical and control systems at the gymnasium, library and two (2) classroom buildings.
- 2) Identify problems with the existing system and outline a solution.
- 3) Prepare an assessment report.

BESP's Fee: \$10,000 (NTE)

Please let me know if you have any questions.

Sincerely,

Sameer R Pandey PE (Mech.), CEM
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: **Valley Union**
BRG Project Number: 020522201-1005-006BRG Cochise County
Project Description: **Roof replacement**
Consultant: Robert Polcar Architects, Inc. (480-675-9760)
Contractor: TBD

Board approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ -
Contingency ①		\$ -
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ 10,840
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 10,840
Total SFB Funded Project Cost:		\$ 10,840
District or Local Funds:		\$ -
SFB Board Approved Amount:		\$ 10,840
Total Project Cost:		\$ 10,840

① Contingency shall only be used with SFB staff approval.

Building Renewal Grant Application

Initial Submission Date: 3/23/2015 12:13:08 PM

Application ID: 1870

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: Valley Union High School District

Superintendent: Ron Aguallo

Contact Person: Ron Aguallo

Contact Phone Number: 520-642-3492

Contact Email: ron.aguallo@vuhs.net

School Site: Valley Union High School

Buildings: 1005 Administration, Library, Classrooms

Application Title: Roofing: Social Studies, Library, Counselors, admin. 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 shingled roofing on the building is past its lifetime, the shingles are still original from when the building was built in 1986. The roofing on the building is now failing, it leaks every time there is rain storm. This leaking is causing the interior classrooms, ceiling tiles and light fixtures to become compromised and damaged. The district believes that this qualifies as a school facilities project due to a serious need for services and construction to remedy the problem. Recommend removing shingles, repairing compromised decking, re-apply new shingles. This would an expense in excess of the district's adopted budget for the current fiscal year. The seriousness threatens the functioning of the school district, protection of property and the health, welfare or safety of all VUHS staff/students. Estimated cost \$25,000.

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.

Valley Union High School District does not have the finances available to cover the cost to remedy this situation. Insurance will not cover roofing, according to insurance the problem is due to wear/tear/age of roofing.

March 23, 2015

To: Ron Aguallo
Superintendent
Valley Union High School
Elfrida, Arizona

Re: Design and Engineering Services for roof work
Administration/Library/Classroom building

Ron,

Thank you for giving us the opportunity to submit a proposal for design services for this project. Our understanding of the scope of work is as follows:

Scope of Project

- The existing building was constructed in 1986. The building consists of a single sloping roof structure, approximately 6,500 square feet.
- The roof is asphalt shingles which are nearing the end of their life expectancy. There are consistent leaks causing damage to the interior, ceiling tiles and light fixtures.
- It is believed the roof is original. There has been some remedial work done on the roofs in the intervening years but the roofs are basically as originally installed.
- The intent is to specify a replacement shingle roof as well as an option for a metal roof to match other buildings on campus.
- There is minimal roof mounted equipment.

Scope of Services

- We will field verify existing roof conditions and any as-built information as it pertains to roof design and installation, including building floor plans and roof plans.
- We will report on the conditions and make a recommendation for corrective action including a cost estimate which will be submitted to you as well as the School Facilities Board for review, approval, and funding.
- Our final recommendation will consist of design documents and specifications as necessary to bid and carry out the remedial work.
- Our verification will include a structural engineer's evaluation of the conditions and ability of the existing structure to support any alternative roof products.
- Our services will include assistance during the bidding process as well as review and approvals of contractor progress payments, attend a pre-construction meeting plus two periodic inspections of the work, as well as a final inspection.

Fee

The fee for architectural and engineering services, as described above, including structural engineer would be as outlined below. The fee includes travel expenses.

Initial Inspection	\$865
Structural Review	\$2,400
Preliminary Plan/assess	\$900
Detailed Drawings	\$1,650
Bidding	\$1,465
Construction Admin	\$3,560
Total	\$10,840

Not included are: computer plots, printing reproduction and delivery charges, state, city or county permits if required, plan reviews and building permit fees if required.

Additional services such as extra on-site inspections, revisions to the approved plans, additional engineering beyond the scope, etc. if requested, would be \$75/hr. for an architect, \$100/hr. for civil and structural engineer and \$125/hr. for civil and structural department director. If required as part of the additional services mileage would be billed at the current state rate, printing and delivery billed at cost.

We are listed as a vendor in Procure AZ as well as 1GPA. We are in compliance with all current State of Arizona insurance requirements.

If this proposal is acceptable, please notify me and we can begin immediately.

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

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: April 1, 2015

Agenda Item VII.a.

Subject: VII. Emergency Deficiencies Correction Requests
a. Consideration and possible vote to accept, reject or modify
Emergency Deficiencies Correction Requests (design awards)

Balsz Elementary

Background – Balsz Elementary (David Crockett ES – repair chilled water loop)

Balsz Elementary has submitted an Emergency Deficiencies Correction request for the repair/replacement of the chilled water loop at David Crockett Elementary School.

Balsz Elementary, located nine miles east of downtown Phoenix, has five schools. David Crockett Elementary School is comprised of 17 buildings constructed between 1954 and 1997, totaling 82,819 square feet.

The chilled water loop piping is plugged and the determination must be made as to how much piping can be saved and how much piping must be replaced. The piping is 19 years old. The district received a proposal of \$7,412 for the investigation.

Criteria for Eligibility

A.R.S. §15-2022, paragraph E.: For the purposes 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 property or public health, welfare or safety.

Staff Recommendation – Balsz Elementary (David Crockett ES – repair chilled water loop)

Staff recommends 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.

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

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.

Attachments: Yes [X] No []

SCHOOL FACILITIES BOARD**EMERGENCY DEFICIENCIES CORRECTIONS**

Detail of Additional Cost and Contingency
 X Emergency Deficiencies Corrections Fund

District: **Balsz Elementary**
EP Project Number: **070431102-9999-001EP** Maricopa County
Project Description: **Replace chilled water loop**
Consultant: **Building Energy Solutions Provider (602-377-2679)**
Contractor: **TBD**

Board approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Emergency Deficiencies Base Cost		\$ -
Contingency ①		\$ -
Architecture / Engineering (A&E) Fees		\$ 7,412
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ 7,412
Total SFB Funded Project Cost:		\$ 7,412
District Share (Local Funds):		\$ -
SFB Board Approved Amount:		\$ 7,412
Total Project Cost:		\$ 7,412

① Contingency shall only be used with SFB staff approval.

Emergency Deficiencies Correction Funding Application

Initial Submission Date: 3/19/2015 8:25:40 AM

Application ID: 1956

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: Doyel Chancey
Contact Phone Number: 602-629-6484
Contact Email: dchancey@balsz.org
School Site: David Crockett School
Buildings: 9999 School Wide

Application Title: Crockett Chilled Water Loop

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 chilled water loop including the piping to the air handlers, in all wings of the school, is old and the system is experiencing intermittent leaks, strainer clogs with rusted particles and constant problems with circulation. Before this becomes a major problem, the district requests consideration for a building renewal grant, to replace the piping.

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 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:	\$0.00

Please outline any associated insurance coverage.

This project is not covered by insurance, as we have managed, thus far, to repair piping before major leaks occurred. The district has limited bond funds, however, this project had not manifested before the bond was planned. Therefore, no funds were allocated to this project out of the current bond.

Liaison: Demland ddemland@azsfb.gov 602-542-6567

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 18, 2015

Tim Leedy
Director of Business Services
Balsz Elementary School District
4825 E. Roosevelt St.
Phoenix, AZ 85008

RE: Corrosion Testing of Chilled Water Pipes at Crockett Elementary School-Balsz ESD

Dear Mr. Leedy,

BESP performed a site assessment and inspected chilled water pipes at Crockett Elementary. During the process, water was flushed out of the strainers for visual inspection at two locations. It was noted that water was 'dark brown' in color with a number of noticeable 'iron flakes'. However, an extent of interior pipe corrosion could not be determined during the process.

BESP recommends a visual inspection of the interior of the supply and return pipes to determine the extent of corrosion, and a quality of the existing pipes.

Please find below scope and fee to determine the level of corrosion in an interior of chilled water supply and return pipes.

Scope:

Cut & Inspect one (1) foot section of each supply and return pipes at the Cafeteria, Building 500 and Building 600; analyze a level of corrosion and recommend a solution.

Fee:

1. Fee to cut six (6) sections of one (1) foot pipe as proposed in an attachment # 1 - \$4,411.14
2. Fee to administer, analyze a level of corrosion and recommend a solution - \$3,000.00

Total Fee - \$7,411.14

The proposal is based on SAVE Contract # 13-04-17 originated by Tolleson ESD. Please let me if you have any questions or need clarifications.

Sincerely,

Sameer R Pandey PE (Mech.), CEM
Principal Engineer, BESP
602-377-2679

Attachment:

1. Proposal to cut chilled water supply and return pipes

BESP, LLC
219 S. William Dr. # 137
Gilbert, AZ 85233
Tel: (602) 377-2679 Fax: (480) 629-5645
info@besp.us
www.besp.us



PROPOSAL

December 1, 2014

Tim Leedy
Director of Business Services
Balsz Elementary District
4825 E. Roosevelt St.
Phoenix, AZ 85008

RE: Assessment of Chilled Water Pipes at Crockett Elementary School-Balsz ESD

Dear Mr. Leedy,

Please find below scope and fee to study chilled water pipes at Crockett Elementary School. The proposal is based on SAVE Contract # 13-04-17 originated by Tolleson ESD.

- 1) Site assess chilled water pipes for possible leaks or rust.
- 2) Analyze water testing report or perform water test, if required.
- 3) Prepare an assessment report.

BESP's Fee: \$2,500 (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



(800) 840-9170

PROPOSAL - David Crocket Elementary School CHW Pipe Samples

Hard Bid

PMC Proposal #: 15-03-031

From: Pueblo Mechanical and Controls, Inc.

Date: 03/18/2015

Attn: Sameer Pandey
Building Energy Solutions Provider
219 S. William Dillard Drive, Suite 137
Gilbert, AZ 85233

Dear Sameer,

Pueblo Mechanical and Controls appreciates the opportunity to look at this project and is pleased to provide the following scope for David Crocket Elementary School CHW Pipe Samples.

Cafeteria Building Scope of Work:

- Isolate chilled water shut off valves at building entrance and drain piping downstream.
- Remove ceiling tile in main Cafeteria area as necessary to expose 3" chilled water supply and return piping. Cut back insulation for sections of pipe to be removed.
- Cut out 1-foot sections of existing 3" chilled water supply and chilled water return piping.
- Provide and install new schedule 40 black steel piping for sections cut out. New 3" roughnecks to be used for new piping connection couplings.
- Provide and install new fiberglass insulation with all service jacketing to match existing piping insulation.
- Open building isolation valves and refill chilled water piping. Add chemicals to pot feeder as needed for water treatment.
- Reinstall ceiling tiles as necessary.

600 Building Scope of Work:

- Isolate chilled water shut off valves above Classroom 610 and drain piping downstream.
- Remove ceiling tile in Classroom 609 as necessary to expose 4" chilled water supply and return piping. Cut back insulation for sections of pipe to be removed.
- Cut out 1-foot sections of existing 4" chilled water supply and chilled water return piping.
- Provide and install new schedule 40 black steel piping for sections cut out. New 4" roughnecks to be used for new piping connection couplings.
- Provide and install new fiberglass insulation with all service jacketing to match existing piping insulation.
- Open building isolation valves and refill chilled water piping. Add chemicals to pot feeder as needed for water treatment.
- Reinstall ceiling tiles as necessary.

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

500 Building Scope of Work:

- Isolate chilled water shut off valves above Classroom 611 and drain piping downstream.
- Remove ceiling tile in Classroom 508 as necessary to expose 2" chilled water supply and return piping. Cut back insulation for sections of pipe to be removed.
- Cut out 1-foot sections of existing 2" chilled water supply and chilled water return piping.
- Provide and install new schedule 40 black steel piping for sections cut out. New 2" roughnecks to be used for new piping connection couplings.
- Provide and install new fiberglass insulation with all service jacketing to match existing piping insulation.
- Open building isolation valves and refill chilled water piping. Add chemicals to pot feeder as needed for water treatment.
- Reinstall ceiling tiles as necessary.

We Exclude The Following:

- Repair or replacement of any existing device found to be inoperable.
- Engineering, permits and fees.
- Asbestos abatement, testing, reporting.
- Any work not included in scope of work listed above.

Complete material, service, and labor sub total:	\$	4,411.14
MRRA AZDR Statute Compliance included		
Bonding:	[N/A]	\$ 0.00
Total Cost:	\$	4,411.14

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.

We look forward to providing this important service please call if you have any questions.

Best Regards,

Chris Senkow
Pre Construction
Cellular: (480) 253-1672
chriss@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

ALL PRICES QUOTED ABOVE ARE VALID FOR 120 DAYS

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(800) 840-9170

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

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**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting date: April 1, 2015

Agenda Item VII.b.

**Subject: VII. Emergency Deficiencies Correction Requests
b. Consideration and possible vote to accept, reject or modify
Emergency Deficiencies Correction requests (construction awards)**

Cedar Unified

Background – Cedar Unified (Jeddito School – repair chiller system)

Cedar Unified has submitted an Emergency Deficiencies Correction request to repair the chiller system at Jeddito School.

Cedar Unified, located 282 miles northeast of Phoenix, has three schools. Jeddito School is comprised of 25 buildings constructed between 1982 and 2003, totaling 113,400 square feet. The school's capacity is 1,099 students; however, the 2014 ADM reported was 149 students.

The chiller failure was investigated by the Arizona Risk Retention Trust's HVAC contractor. It was determined chiller failure was a combination of poor power quality and lack of preventive maintenance. Upon further investigation, it appears there has not been any water treatment and preventive maintenance to the closed loop system, which will cause the system to grow algae and prohibit the fan coils from efficient performance. This condition will cause premature chiller failure due to excessive load put on the entire system.

The Trust will support the requested grant with \$57,000 to return the compressor system back to 50% of the design. At 50% capacity the chiller system should handle the current ADM and staff loads without any adverse effects, provided the district localizes the student population into a smaller portion of the school.

Staff recommends an additional \$60,000 to address additional repairs to the individual room fan coils, isolating the chiller piping to only the occupied spaces and any other repairs needed to bring the system up to a workable state. The cost to replace the entire chiller system is estimated approximately \$400,000.

Criteria for Eligibility

ARS §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 – Cedar Unified (Jeddito School – repair chiller system)

Staff recommends 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.

Board Action Requested: ☐ information ☒ action / described below

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.

Attachments: Yes ☒ No ☐

SCHOOL FACILITIES BOARD**EMERGENCY DEFICIENCIES CORRECTION**

Detail of Additional Cost and Contingency
 X Emergency Deficiencies Correction Fund

District: Cedar Unified
BRG Project Number: 090225001-9999-001EP Navajo County
Project Description: Repair chiller system
Consultant: Shade Tree Mechanical Contractors, LLC (602-455-4376)
Contractor: TBD

Board approval: 4/1/2015

School Facilities Board Action Approved as recommended by Staff		Staff Rec. or Approved
Base Cost:		\$ 60,000
Contingency ①		\$ 6,000
Additional Cost:		
Architecture / Engineering (A&E) Fees		\$ -
Survey & Required Reports, Printing, Permits, Advertising, Etc.		\$ -
Testing & Inspection		\$ -
Total Additional Cost:		\$ -
Total SFB Funded Project Cost:		\$ 66,000
District or Local Funds:		\$ 57,000
SFB Board Approved Amount:		\$ 66,000
Total Project Cost:		\$ 123,000

① Contingency shall only be used with SFB staff approval.

Emergency Deficiencies Correction Funding Application

Initial Submission Date: 1/22/2015 2:13:35 PM

Application ID: 1772

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: Henrietta Keyannie
Contact Phone Number: 9287382367
Contact Email: hettak11@gmail.com
School Site: Jeddito School
Buildings: 1001 Main Bldg - 1

Application Title: Jeddito School Chiller Unit

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 Jeddito School is equipped with a McQuay Chiller, this chiller operates with two circuits (each circuit has two compressors). Circuit #1 has had a compressor inoperable and has not worked for some years now. And since then the school chiller has been operating with circuit #2. We had Daikin Applied come earlier this year to inspect chiller.

This compressors have a process to pump down when they are turning off but with the power outages we have here it turns off the chiller abruptly. This has finally taken its toll on circuit #2. I've contacted Daikin and they assisted in troubleshooting. We have compressor #4 shorting out. Working along with Daikin Technician, the chiller has been temporarily repaired to run on one chiller but it's not recommended to run like this for too long.

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 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:	\$0.00

Please outline any associated insurance coverage.

Emergency Deficiencies Correction Funding Application

The Trust claims administrator has indicated that not all the damage to the chiller unit is covered by insurance

Liaison: Cruse

pcruse@azsfb.gov

602-364-1193

Superintendent Printed Name

Superintendent Signature

Date

ShadeTree

Mechanical Contractors, LLC

ROC 201961

Quotation

DATE	ESTIMATE NO.
10/20/2014	3906

3632 W Thomas Road Suite 2
Phoenix, AZ 85019
Tel.: 602-455-4376
Fax: 602-455-4388
office@shadetreemechanical.com

NAME / ADDRESS
The Trust Claims PO Box 40098 Phoenix AZ 85067 Fax: 602-222-3866

Project Name	Project	Project Cont...	Terms
Jeddito		Ray	Net 30
DESCRIPTION	QTY	COST	TOTAL
Copeland 60 ton compressor	1	31,318.00	31,318.00
1.5 hp 1100 rpm condenser fan motor	2	685.00	1,370.00
Acid core cartridge dryers	4	243.00	972.00
Refrigerant in lbs	150	60.00	9,000.00
Contractor points	4	83.25	333.00
Flushing material		1,285.00	1,285.00
Acid away and acid test		333.00	333.00
Oil in gallons	4	50.00	200.00
Oil safety switches	2	268.00	536.00
Rigging		2,500.00	2,500.00
TOTAL LABOR		8,400.00	8,400.00
Deduct 3% if paid within 30 days		-1,687.41	-1,687.41

Please feel free to contact us with any additional questions you may have about this quote.

This quotation is an estimate only, good for ninety days from the date above and strictly limited to only those items contained herein, with any changes by written change order only. Unless specifically included above, standard EXCLUSIONS include but are not limited to, any high voltage electric, permits, overtime, plumbing, any air balance, or any pre-existing ductwork design deficiencies or airflow problems. ShadeTree Mechanical is NOT a licensed engineer and is not responsible for Hvac system design. By signing below or delivery of materials to the job, you agree with the foregoing and authorize ShadeTree Mechanical Contractors, LLC. to proceed with the work and agree to pay the final invoice amount immediately or a monthly late fee of 1.5% will be added to the invoice from previous contract amount and agree to pay any attorney fees associated. AGREED and AUTHORIZED

Subtotal
Sales Tax (5.395%)
TOTAL

By: _____ Date: _____

ShadeTree

Mechanical Contractors, LLC
ROC 201961

Quotation

DATE	ESTIMATE NO.
10/20/2014	3906

3632 W Thomas Road Suite 2
Phoenix, AZ 85019
Tel.: 602-455-4376
Fax: 602-455-4388
office@shadetreemechanical.com

NAME / ADDRESS
The Trust Claims PO Box 40098 Phoenix AZ 85067 Fax: 602-222-3866

Project Name	Project	Project Cont...	Terms
Jeddito		Ray	Net 30
DESCRIPTION	QTY	COST	TOTAL
Compressor #4 is directly shorted to ground which contaminated the oil and refrigerant in circuit #2. Outdoor fan motors 1 and 2 and 4 sets of contactor points shorted to ground as well. In ShadeTree Mechanical's opinion the loss of these components due to being grounded is caused from an electrical power surge or something of the like. We also found that one of the electrical legs to the chiller is also shorted and showing signs of electrical problems. If ShadeTree Mechanical cannot figure out the electrical short an electrician may be needed. We are also having problems with water pressure.		0.00	0.00

Please feel free to contact us with any additional questions you may have about this quote.

This quotation is an estimate only, good for ninety days from the date above and strictly limited to only those items contained herein, with any changes by written change order only. Unless specifically included above, standard EXCLUSIONS include but are not limited to, any high voltage electric, permits, overtime, plumbing, any air balance, or any pre-existing ductwork design deficiencies or airflow problems. ShadeTree Mechanical is NOT a licensed engineer and is not responsible for Hvac system design. By signing below or delivery of materials to the job, you agree with the foregoing and authorize ShadeTree Mechanical Contractors, LLC. to proceed with the work and agree to pay the final invoice amount immediately or a monthly late fee of 1.5% will be added to the invoice from previous contract amount and agree to pay any attorney fees associated. AGREED and AUTHORIZED

Subtotal	\$54,559.59
Sales Tax (5.395%)	\$2,943.49
TOTAL	\$57,503.08

By: _____ Date: _____