

Building Renewal Grant Application

Initial Submission Date: 11/6/2019 9:54:11 AM

Application ID: 7251

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: Mike Santina
Contact Phone Number: 4805752051
Contact Email: jsalazar@ccusd93.org
School Site: Sonoran Trails Middle School
Buildings: 9999 School Wide

Is the space listed above used for student instruction or other academic purposes?

yes, campus wide

Application Title: Sonoran Trails Middle School "SCP" Chiller #2 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.

11/2016 - last operational check within normal limits. 1/13/2017 - found unit nonfunctional; unit full of air and excessive oil in evaporative barrel. From 6/2017 to 10/11/2017, repairs were made and placed back into service following assessment to reseal unit and replace pressure regulator, clean oil sump performed. Unit appeared to function properly from 10/2017 to 9/2018. From 5/2018 to July, 2018, several leak checks and pressure valve adjustments were performed. Unit placed back into service. Functioning well until 1/2019. Unit failed; full of air; deemed necessary to replace seal and rebuild compressor due to thrust tolerances exceeded. Also, replaced bad IO board. 8/2019 - JCI rebuilt compressor, placed back into service. Ran continuously for 960 hrs until time that it was shutting down for satisfied demand or extended periods of time, resulting in oil, once again draining sump into evaporator. This occurred on 10/30/2019. Cost spent on repairs to date approx. \$88,000.00.

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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Description of local funds indicated above

Building Renewal Grant Application

none

Please outline any associated insurance coverage.

none

Liaison: Kennon

dkennon@azsfb.gov

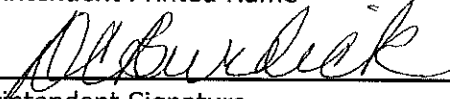
602-364-0538

I attest that the district has performed preventive maintenance in accordance with ASRS § 15-2032 Y

I, the Superintendent, attest that the information is accurate and has been completed and submitted by authorized employees of the district. Y

Debbi C. Burdick

Superintendent Printed Name



Superintendent Signature

11-6-19

Date